APPENDICE "2"

DOCUMENTAZIONI / DICHIARAZIONI CARTACEE
RILASCIATE DALLA DITTA PRODUTTRICE IGUZZINI
IN MERITO AI CORPI ILLUMINANTI PREVISTI

DICHIARAZIONE DI CONFORMITA’

Inquinamento luminoso – Regione Veneto

DOC 2606/00 - LAB REV1 (09/21)

La ditta ----------iGuzzini illuminazione S.p.A.----------

----------Via Mariano Guzzini, 37----------

----------62019 RECANATI----------

dichiara sotto la propria responsabilità che gli articoli della famiglia Testapalo Alley:
UC99; UD00; UD01; UD02; UD03; UD04; UD05; UD06; UD07; UD08; UD09; UD10; UD11; UD12; UD13; UD14; UD15; UD16; UD17; UD18; UD19; UD20; UD21; UD22; UD23; UD24; UD25; UD26; UD27; UD28; UD29; UD30; UD31; UD32; UD33; UD34; UD35; UD36; UD37; UD38; UD39; UD40; UD41; UD42; UD43; UD44; UD45; UD46; UD47; UD48; UD49; UD50; UD51; UD52; UD53; UD54; UD55; UD56; UD57; UD58; UD59; UD60; UD61; UD62; UD63; UD64; UD65; UD66; UD67; UD68; UD69; UD70; UD71; UD72; UD73; UD74; UD75; UD76; UD77; UD78.

al quale questa dichiarazione si riferisce, sono conformi, per orientamenti di 0° rispetto alla orizzontale (prodotti orizzontali con emissione verso il basso), alle seguenti norme/altri documenti normativi/specifiche: criteri di valutazione degli apparecchi per la limitazione della dispersione verso l’alto del flusso luminoso:

Limiti generali: Intensità luminosa ≤ 0.49 cd/Klm a gamma 90° ed oltre. Sorgenti luminose al sodio ad alta o bassa pressione. Ammesse sorgenti led con efficienza ≥ 90 lm/W

e quindi rispondente ai requisiti delle direttive:

Regione Veneto – Legge regionale nr. 17 del 07/08/2009 (Art.9 comma 2a, 2b)

Recanati, 16/09/2021
(Luogo e data)

Massimo Gattari
(*Chief Innovation Officer*)

Firmato digitalmente da:
GATTARI MASSIMO
Firmato il 17/09/2021 10:50
Seriale Certificato: 592786
Valido dal 12/07/2021 al 12/07/2024
InfoCamere Qualified Electronic Signature CA

iGuzzini Illuminazione S.p.A.
62019 Recanati, Italy
Via Mariano Guzzini, 37
Certificazione ISO 9001

Telefono (+39) 071.75881
Telefax (+39) 071.7588295
e.mail: iguzzini@iguzzini.it
http://www.iguzzini.com

Capitale sociale
€ 20.000.000 i.v.
Codice fiscale, partita iva
(IT) 00082630435

CCIAA Macerata
R.I. 00082630435
R.E.A. 40632
Pos. Mecc. MC000416

Goniophotometer

Photometric Test Report

MSQ08/A 03 (Last update: 2021/07/30)

Summary:

Relevant Standards
UNI EN 13032-4:2019 (par. 1, 2, 3, 4, 5, 6, 8)

Prepared for
iGuzzini

Luminaire code number
UD15

Test Report number
TR06000/00

Date
2021-09-08

Prepared by	Approved by
Francesco Benedetti	Stefano Petrocchi
Photometric Laboratory Expert	*Photometric Laboratory Manager*

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

General information

Test Report number: TR06000/00
Photometric file: PL43757/00

Luminaire code nr.: UD15
Product type: Alley testapalo
Product description: Outdoor luminaire with direct light street optic, designed to use LED lamps.
5 mm thick tempered sodium-calcium closure glass fixed to product with 4 screws.
Complete with circuit having monochrome LEDs and polymer optic multilayer lenses. Optic:SMC

Ballast/Driver: LED POWER SUPPLY TRIDONIC LCO 14W 100-500mA 38V NFC C ADV3

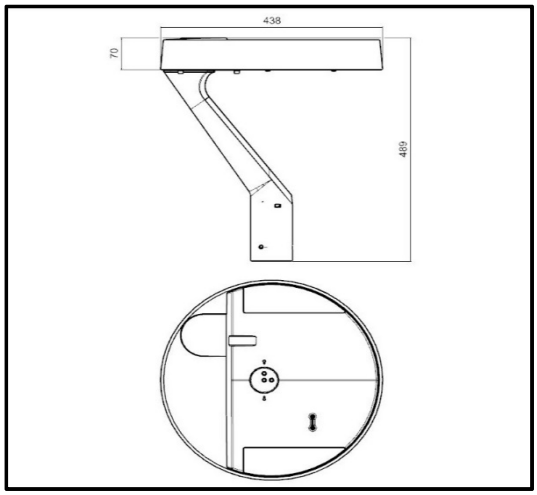
Led type: Samsung LH181B 3000 K (CRI 70 minimum)

Leds number: 24
Note: -

Electrical Ratings

Voltage:	230	[V]
Current:	-	[A]
Total System Power:	-	[W]
Frequency:	50	[Hz]

Pictures



iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Goniophotometer measurement

Test Results

Total Lumen Output:	1925.3	[lm]
Luminous efficacy:	132.7	[lm/W]

Voltage:	230.04	[V]
Current:	0.0647	[A]
Total System Power:	14.51	[W]
Power Factor:	0.97	[/]
Frequency:	50	[Hz]

Measurement uncertainties

LED type: White LED
Type of Photometry: Absolute

Electrical power: ±1%

LOR: /
Luminous flux: ±4.1%
Luminous intensity "cd" ±4.1%
Luminous intensity "cd/klm" ±3.2%
Angular deviation: ±0.5°

Luminous efficacy: ±4.2%

The relative expanded uncertainty stated above are given with a level of confidence of 95 % and are obtained by multiplying the combined uncertainty with the coverage factor k=2.

Instruments

Goniophotometer: LMT GO-DS 2000 (mirror photogoniometer); Internal code: LAS100
Last calibration date: 2019/09; Calibration due date: 2021/09.

Photometer head: LMT Photometer head SP 30 S0T-1s; Internal code: LAS320
Last calibration date: 2021/07; Calibration due date: 2023/07.

Electrical parameters: Digital Power Meter - YOKOGAWA WT 310; Internal code: LAS300
Last calibration date: 2021/05; Calibration due date: 2022/05.

Ambient temperature: Thermo Hygrometer - Deltaohm HD 206/01; Internal code: LAS316
Last calibration date: 2021/04; Calibration due date: 2022/04.

Time: Digital Timer Casio HS-3V; Internal code: LAS344
Last calibration date: 2021/01; Calibration due date: 2022/01.

Air movement: Air Velocity Transducer - TSI Incorporated 8475-300-1; Internal code: LAS215
Last calibration date: 2021/02; Calibration due date: 2022/01.

Power supply: AC Power Supply - CHROMA mod. 6408; Internal code LAS225
-

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Test procedure

The measurement of luminous intensity distribution and luminous flux, were performed by using a type 3.1 mirror goniophotometer.
The procedure assumes that the luminous area of a light source is effectively a point source (far-field).
Luminous intensity measurements are derived from illuminance measurements according to the inverse square law.
The coordinate system centre is coincident with the photometric centre of the DUT.
The angular interval between readings of intensity (C, γ) are chosen in order to permit an acceptable accuracy, determined by the nature of distribution.

Test conditions

Photometer Distance: 26.013 m
Ambient temperature: 25°C±1.2°C
Air movement in the test area: < 0.2 m/s
Photometric centre: Center of the light emitting surface
Luminaire position: Light emitting surface downward.
Preburning time: 0 h 30 min
Source stabilization time: 0 h 22 min
Total operating time: 1 h 36 min
Stray Light Screening: Stray light screening according to UNI EN 13032-4:2019 (Annex B)

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

RISULTATI FOTOMETRICI

Name:	UD15 (Alley testapalo)		
Number:	PL43757/00	**Diameter:**	0 mm
Report:	TR06000/00	**Length:**	85 mm
Test no.:	1	**Width:**	110 mm
Flux Meas:	1925.31 lm	**Height:**	0 mm
Date:	25/08/2021 13:14:14	**Operator:**	Roberto Cammertoni

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	213.9	214.0	214.2	214.3	214.5	214.6	214.7	215.0	215.2
4.00	220.2	220.5	220.9	221.2	221.5	221.7	221.9	222.1	222.3
6.00	229.9	230.3	231.0	231.3	231.6	231.7	232.1	232.3	232.5
8.00	240.9	241.4	242.2	242.6	242.9	243.0	243.4	243.6	243.8
10.00	253.5	254.1	255.0	255.3	255.5	255.6	255.7	255.7	255.7
12.00	266.5	267.2	267.8	268.0	268.0	267.9	267.9	267.5	267.2
14.00	279.7	280.5	280.7	280.6	280.6	280.0	279.7	279.0	278.3
16.00	292.6	293.3	293.2	292.9	292.6	291.8	291.2	289.7	288.7
18.00	304.5	305.2	305.2	304.7	304.2	303.1	302.0	299.9	298.7
20.00	315.6	316.3	316.1	315.4	314.5	313.2	312.1	309.8	308.6
22.00	325.2	326.1	326.3	325.6	325.1	322.9	320.8	318.7	318.0
24.00	335.0	336.0	336.4	335.4	334.7	332.2	331.0	328.8	327.6
26.00	346.2	347.1	347.5	346.2	344.8	342.2	341.0	339.2	339.1
28.00	361.1	362.2	362.5	361.0	358.6	356.0	355.3	353.4	353.2
30.00	378.2	379.5	379.8	378.4	374.6	372.2	372.2	369.7	369.5
32.00	395.6	397.2	397.3	394.0	391.4	390.4	389.4	387.0	387.0
34.00	411.8	413.7	413.4	411.3	406.8	405.3	405.7	404.1	403.8
36.00	426.4	427.7	428.0	424.8	422.9	422.0	421.9	420.0	420.8
38.00	439.3	441.0	441.3	438.0	436.4	436.1	437.2	435.7	435.7
40.00	452.4	454.7	454.7	450.5	449.4	449.0	450.3	448.7	450.6
42.00	462.6	465.4	465.2	460.2	459.6	460.2	461.7	460.3	461.4
44.00	470.6	473.7	473.3	468.5	468.0	468.8	470.2	469.1	470.3
46.00	477.9	480.7	479.9	475.0	474.9	476.1	477.3	475.1	476.7
48.00	482.2	485.4	484.3	480.1	481.0	481.7	482.0	480.3	481.0
50.00	488.3	491.8	488.7	484.9	485.3	486.2	487.3	484.9	485.8
52.00	493.9	497.1	493.4	490.1	490.7	490.8	491.3	489.9	490.4
54.00	503.1	506.4	501.5	497.4	495.3	493.5	493.9	491.8	493.0
56.00	505.1	508.1	501.1	497.5	497.0	493.4	493.4	490.8	491.6
58.00	493.4	496.4	491.0	490.5	490.5	488.7	490.3	486.0	486.8
60.00	480.1	481.4	477.0	476.9	477.4	477.8	481.0	478.6	478.9
62.00	465.2	465.6	463.0	463.5	463.4	463.3	467.0	467.2	468.1
64.00	447.2	446.9	445.1	444.8	445.9	447.0	450.6	449.8	451.9
66.00	436.5	434.4	433.8	431.9	431.3	431.6	434.3	433.3	434.0
68.00	425.0	423.0	422.7	417.7	416.6	414.8	415.4	412.7	412.6
70.00	405.8	404.1	403.6	396.9	392.6	388.1	388.8	387.5	388.8
72.00	378.6	377.2	376.8	369.6	361.5	354.7	355.6	355.9	362.9
74.00	337.4	337.2	334.8	323.7	312.9	307.8	308.6	305.1	309.2
76.00	266.9	268.6	267.0	255.6	247.8	245.9	241.8	228.9	214.9
78.00	188.2	192.0	190.8	178.0	172.0	167.4	153.3	134.9	143.4
80.00	97.7	107.0	110.5	103.4	93.9	82.8	68.7	69.4	70.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
82.00	26.1	28.9	31.1	28.8	26.9	22.6	20.8	20.3	20.2
84.00	3.6	4.1	5.1	5.2	5.1	5.1	4.9	4.7	4.7
86.00	0.6	0.7	0.8	1.0	1.1	1.1	1.2	1.3	1.3
88.00	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
90.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
92.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3
94.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
96.00	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
98.00	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3
100.00	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.4
102.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
104.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
106.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
108.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
110.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
112.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
114.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
116.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
118.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
120.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.00	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
128.00	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0
130.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.00	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
134.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.00	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
152.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
154.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
156.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
158.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
160.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
162.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
164.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
166.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
168.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
170.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
172.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
174.00	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
176.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
178.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
180.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	215.4	215.4	215.5	215.6	215.7	215.8	215.9	216.1	216.1
4.00	222.4	222.5	222.5	222.6	222.8	222.9	223.0	223.3	223.1
6.00	232.6	232.6	232.6	232.7	232.7	232.6	233.3	232.8	232.7
8.00	243.9	243.7	243.4	243.2	243.1	243.1	243.1	243.1	242.8
10.00	255.7	255.3	254.9	254.6	254.3	253.7	253.7	253.5	253.2
12.00	267.2	266.3	265.5	265.2	264.8	264.3	264.3	264.1	263.8
14.00	277.7	276.8	276.0	275.8	275.5	275.1	275.3	275.2	274.7
16.00	287.9	286.8	286.5	286.6	286.6	286.0	286.3	286.2	285.8
18.00	298.0	297.0	296.5	296.6	296.6	296.0	296.3	296.2	295.7
20.00	307.9	306.6	305.9	306.0	305.8	305.3	305.5	305.3	304.7
22.00	317.2	315.6	314.7	314.5	314.3	313.5	313.6	313.3	312.5
24.00	327.1	325.5	324.2	323.9	323.4	322.3	322.2	321.9	321.1
26.00	337.7	336.4	335.0	334.3	333.7	332.5	332.4	332.3	331.4
28.00	352.7	350.7	349.5	348.4	347.7	346.9	347.1	346.9	345.9
30.00	368.9	367.6	365.7	365.0	364.6	364.3	365.4	365.7	364.6
32.00	386.2	384.6	383.5	382.7	382.3	382.3	383.6	384.2	383.3
34.00	403.4	401.9	401.1	400.7	400.2	399.7	400.7	401.4	400.4
36.00	420.4	419.7	418.7	419.0	418.9	417.5	418.3	418.9	417.7
38.00	436.4	435.7	435.1	435.6	435.2	433.5	434.0	434.6	433.2
40.00	450.1	450.2	450.0	449.8	449.4	447.1	447.5	448.2	447.0
42.00	461.9	461.2	460.9	461.3	461.4	459.0	459.2	459.5	457.8
44.00	470.9	470.2	469.7	470.5	470.3	468.1	467.9	468.3	466.2
46.00	477.2	476.4	476.0	476.9	477.6	475.7	475.0	475.5	473.1
48.00	481.7	481.0	480.1	481.0	482.4	480.7	480.2	480.5	477.8
50.00	485.9	485.0	484.3	484.8	486.2	485.7	486.2	486.4	484.0
52.00	490.5	489.0	488.5	489.5	491.1	491.6	492.7	493.2	490.8
54.00	492.9	490.9	490.6	491.9	493.7	494.9	496.9	497.7	495.2
56.00	492.2	490.3	489.5	490.9	492.5	492.5	494.0	495.3	492.9
58.00	486.9	486.6	485.2	485.1	486.2	485.4	485.8	486.7	484.0
60.00	478.1	478.1	477.2	475.5	476.1	473.9	473.7	474.0	471.9
62.00	467.8	466.7	465.1	463.8	463.1	460.6	458.4	458.4	456.1
64.00	451.8	449.3	448.0	446.7	445.0	441.5	437.8	438.0	435.6
66.00	433.9	430.9	428.7	426.9	424.3	420.6	418.3	417.6	415.6
68.00	411.8	409.0	404.3	401.8	401.1	391.7	379.9	370.3	363.5
70.00	388.0	383.1	377.2	363.7	347.7	335.3	327.8	319.6	313.3
72.00	361.2	345.7	320.9	308.4	305.3	301.7	295.7	283.3	273.8
74.00	295.5	281.7	275.9	269.5	261.1	250.9	236.5	220.1	212.2
76.00	228.2	225.7	210.7	203.5	199.5	187.9	165.4	145.5	136.9
78.00	148.3	147.4	137.8	121.4	113.7	110.7	99.0	87.5	75.8
80.00	69.1	65.0	63.9	62.3	61.9	58.9	47.0	33.1	23.3
82.00	22.9	22.4	18.8	16.1	16.3	15.4	12.1	7.5	5.8
84.00	5.1	4.9	4.3	4.0	3.9	3.6	3.2	3.0	3.1
86.00	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5
88.00	0.4	0.4	0.5	0.7	0.7	0.8	0.8	0.8	0.9
90.00	0.3	0.3	0.4	0.6	0.6	0.6	0.7	0.7	0.7
92.00	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
94.00	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.8
96.00	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.8	0.8
98.00	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.8	0.8
100.00	0.4	0.5	0.6	0.7	0.7	0.7	0.8	0.8	0.8
102.00	0.4	0.5	0.6	0.7	0.7	0.6	0.8	0.8	0.8

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
104.00	0.4	0.5	0.6	0.6	0.6	0.6	0.7	0.8	0.8
106.00	0.4	0.5	0.6	0.6	0.6	0.5	0.7	0.8	0.8
108.00	0.4	0.5	0.5	0.5	0.5	0.5	0.7	0.8	0.8
110.00	0.4	0.5	0.5	0.5	0.4	0.5	0.7	0.7	0.7
112.00	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.7	0.7
114.00	0.3	0.3	0.4	0.4	0.4	0.5	0.7	0.7	0.7
116.00	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.6	0.6
118.00	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5
120.00	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.4	0.4
122.00	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4
124.00	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3
126.00	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3
128.00	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
130.00	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
132.00	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
134.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
148.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
150.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
152.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
154.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
156.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
158.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
160.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
162.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
164.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
166.00	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
168.00	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
170.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
176.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
178.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
180.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	216.2	216.4	216.4	216.6	216.7	216.7	216.9	216.8	217.0
4.00	223.4	223.7	223.9	224.1	224.3	224.4	224.6	224.7	224.9
6.00	233.0	233.4	233.6	234.0	234.4	234.6	235.0	235.1	235.4
8.00	243.2	243.8	243.8	244.2	244.5	244.8	245.3	245.7	246.2
10.00	253.5	254.1	254.2	254.6	255.1	255.7	256.5	257.1	257.7
12.00	264.1	264.8	264.6	264.8	265.2	265.7	266.6	267.2	268.1
14.00	275.2	276.0	275.7	275.6	275.6	275.9	276.7	277.2	277.9
16.00	286.0	286.7	286.1	286.0	286.1	286.3	287.0	287.2	287.7
18.00	296.0	296.8	296.0	295.6	295.7	295.8	296.4	296.5	297.0
20.00	305.0	305.8	305.0	304.6	304.6	304.5	305.3	305.4	305.8

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
22.00	312.7	313.7	312.9	312.9	313.1	313.2	314.0	314.0	314.4
24.00	321.4	322.6	321.9	322.0	322.5	322.7	323.6	323.8	324.5
26.00	331.9	333.1	332.5	332.6	333.2	333.8	334.8	335.2	336.1
28.00	346.7	348.2	347.5	347.6	348.1	348.3	349.3	350.0	350.7
30.00	365.2	366.8	365.7	365.1	364.9	364.6	365.7	365.9	367.3
32.00	384.4	385.7	384.0	383.4	383.3	382.8	383.5	383.9	384.6
34.00	401.3	403.0	401.5	401.0	400.8	400.1	401.0	401.0	401.1
36.00	418.2	420.1	418.7	418.0	417.7	417.7	418.5	418.3	418.7
38.00	433.9	436.2	434.7	433.8	433.3	433.4	434.3	434.4	434.3
40.00	448.0	449.9	447.9	447.6	447.7	448.3	449.1	448.8	448.4
42.00	458.6	461.0	459.4	459.1	459.5	460.2	460.9	460.3	459.4
44.00	467.0	469.9	468.7	468.3	468.9	469.3	470.6	469.5	468.2
46.00	473.6	477.0	476.6	476.0	477.1	477.3	478.2	476.8	475.6
48.00	478.8	482.4	482.2	481.7	482.7	482.9	483.2	481.5	480.5
50.00	485.2	488.9	488.4	487.7	487.8	487.3	487.1	485.8	485.0
52.00	492.0	495.8	495.1	493.5	492.7	491.2	490.5	489.2	488.2
54.00	496.1	499.7	498.8	497.0	495.4	492.6	491.7	490.7	490.0
56.00	494.1	497.4	496.8	494.2	492.8	491.0	490.8	489.1	489.2
58.00	484.7	489.0	489.0	486.6	485.7	485.5	485.7	486.0	486.1
60.00	472.4	476.1	476.2	474.9	475.2	476.2	476.9	478.5	478.7
62.00	455.7	460.0	461.2	460.2	461.6	463.4	465.3	467.3	467.3
64.00	435.3	439.9	440.9	440.2	443.3	445.6	448.7	451.3	451.2
66.00	415.1	420.2	422.4	421.6	423.7	425.6	429.4	432.4	433.9
68.00	362.0	369.2	377.8	385.6	395.9	403.4	405.8	409.5	413.8
70.00	311.1	316.6	326.1	332.1	340.4	352.4	369.3	383.0	388.0
72.00	271.0	276.1	287.7	297.7	304.6	305.9	309.9	325.2	346.5
74.00	210.1	213.3	221.8	236.2	249.5	258.1	267.1	272.7	276.9
76.00	134.5	137.2	145.4	163.3	182.5	194.3	198.0	204.8	215.8
78.00	69.7	74.8	85.8	96.4	105.1	107.4	111.2	125.5	137.1
80.00	20.0	22.3	30.7	42.0	52.3	55.3	55.1	56.6	56.0
82.00	5.7	5.8	6.8	9.5	13.2	14.4	13.5	15.0	17.8
84.00	3.1	3.1	3.1	3.3	3.6	4.0	4.1	4.3	4.8
86.00	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.6	1.6
88.00	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
90.00	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4
92.00	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
94.00	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
96.00	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5
98.00	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6
100.00	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6
102.00	0.8	0.8	0.8	0.8	0.6	0.5	0.6	0.6	0.6
104.00	0.8	0.8	0.8	0.8	0.6	0.5	0.5	0.5	0.5
106.00	0.8	0.8	0.8	0.7	0.6	0.5	0.5	0.5	0.5
108.00	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.5
110.00	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.4
112.00	0.7	0.7	0.7	0.7	0.6	0.4	0.4	0.4	0.4
114.00	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.3	0.3
116.00	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.3	0.3
118.00	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2
120.00	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2
122.00	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.1
124.00	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
126.00	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1
128.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
130.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
132.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
134.00	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.00	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
140.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
144.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
146.00	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
148.00	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
150.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
152.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
154.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
156.00	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
158.00	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
160.00	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
162.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
180.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	216.9	216.7	216.8	216.7	216.7	216.7	216.8	216.7	216.7
4.00	224.9	225.0	225.0	224.8	224.8	224.9	224.7	224.5	224.4
6.00	235.3	235.4	235.5	235.5	235.5	235.4	235.3	235.0	234.8
8.00	246.4	246.6	246.6	246.5	246.5	246.5	246.4	246.0	245.7
10.00	257.6	258.1	258.3	258.3	258.4	258.7	258.6	258.5	258.2
12.00	268.4	268.8	269.2	269.7	270.1	270.6	270.5	270.7	270.7
14.00	278.3	279.1	279.7	280.5	281.4	282.1	282.4	282.7	283.0
16.00	288.0	288.9	289.6	290.7	291.9	293.1	293.7	294.4	294.6
18.00	297.2	298.0	298.8	300.2	301.6	303.2	303.9	304.5	305.1
20.00	306.0	306.9	307.7	308.8	310.1	312.0	313.3	314.2	314.6
22.00	314.7	315.6	315.8	316.8	318.8	321.2	322.1	322.6	323.1
24.00	324.7	325.2	325.9	326.7	327.9	330.2	331.5	332.5	333.0
26.00	336.0	337.2	337.2	337.5	338.9	341.2	343.1	344.6	345.2
28.00	351.1	351.5	351.6	352.1	353.5	355.9	358.6	360.4	361.5
30.00	366.8	367.2	367.4	368.2	369.5	372.7	376.4	378.5	379.6
32.00	384.2	384.9	385.0	385.8	387.8	389.8	391.4	394.7	396.4
34.00	401.0	401.7	402.6	402.5	403.0	404.8	407.8	410.1	412.6
36.00	418.0	418.6	417.7	417.6	418.2	419.2	420.8	424.3	427.1
38.00	433.7	432.8	431.7	431.2	432.0	433.3	434.2	437.4	440.4
40.00	446.6	445.9	445.2	444.6	444.7	445.6	446.5	449.6	452.7
42.00	457.5	457.2	456.7	455.6	455.4	456.0	456.7	460.1	463.8

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
44.00	466.9	466.6	465.7	464.4	464.5	465.1	465.6	469.0	473.8
46.00	474.4	474.0	473.0	472.3	472.3	473.1	473.7	476.7	481.7
48.00	479.1	478.8	478.5	478.3	479.4	480.0	480.3	482.9	488.0
50.00	483.9	483.9	484.0	484.5	485.0	485.1	485.6	488.4	494.6
52.00	487.6	487.9	487.8	487.8	488.3	489.6	490.3	493.1	499.2
54.00	489.5	489.6	489.0	488.9	489.4	492.0	492.7	496.6	503.9
56.00	488.5	488.2	487.6	487.8	488.4	491.6	492.3	494.2	502.7
58.00	484.5	484.4	483.6	483.9	483.8	486.5	488.3	488.8	494.1
60.00	477.2	477.1	476.2	476.0	475.6	476.2	477.1	477.0	481.0
62.00	466.4	466.3	465.9	464.6	463.4	464.1	467.1	465.9	468.4
64.00	450.8	451.4	449.8	449.6	449.2	448.9	448.8	449.0	451.5
66.00	433.9	434.3	433.9	432.4	431.6	433.0	433.9	435.2	437.5
68.00	414.6	413.6	413.2	413.3	413.0	415.9	418.5	421.6	423.5
70.00	390.6	390.9	388.0	388.0	387.2	392.0	397.1	402.1	402.9
72.00	357.9	356.9	352.4	350.2	350.0	355.1	363.6	370.3	371.5
74.00	289.5	297.4	296.8	301.2	300.0	303.4	312.4	322.9	324.8
76.00	219.7	204.8	218.1	234.8	238.1	241.9	248.4	259.4	261.1
78.00	136.4	132.9	124.6	143.8	160.7	166.4	172.1	183.8	185.2
80.00	56.6	60.2	58.8	58.6	71.8	89.8	96.5	103.3	100.6
82.00	17.7	16.8	13.5	15.7	17.1	22.5	32.6	39.1	37.6
84.00	5.1	4.9	4.8	5.1	5.5	6.0	6.7	8.4	7.9
86.00	1.6	1.6	1.7	1.7	1.7	1.8	1.7	1.6	1.3
88.00	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
90.00	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
92.00	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
94.00	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
96.00	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
98.00	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
100.00	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
102.00	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3
104.00	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.3
106.00	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.2
108.00	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2
110.00	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
112.00	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
114.00	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
116.00	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.2	0.2
118.00	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
120.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
122.00	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
146.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
148.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2
170.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
180.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	216.8	216.6	216.5	216.5	216.5	216.3	216.2	216.1	216.0
4.00	224.5	224.1	223.9	223.8	223.8	223.6	223.4	223.2	222.9
6.00	234.6	234.2	233.6	233.5	233.3	232.6	232.0	231.2	230.1
8.00	245.6	244.9	244.2	243.7	243.2	242.0	240.9	239.6	232.9
10.00	258.1	257.2	256.1	255.2	254.3	252.6	250.8	248.3	235.2
12.00	270.7	269.4	268.2	266.8	265.5	263.4	261.0	258.3	243.8
14.00	282.9	281.6	279.9	278.2	276.5	274.0	271.5	268.6	255.3
16.00	294.7	293.3	291.0	289.1	287.3	284.7	282.0	278.8	267.5
18.00	305.2	303.3	301.0	298.9	297.3	294.9	292.1	288.6	276.8
20.00	314.9	312.8	310.2	307.7	306.1	304.0	301.4	298.0	287.2
22.00	323.2	321.0	318.5	316.5	315.3	312.7	310.0	306.7	302.5
24.00	333.0	330.3	327.5	325.5	324.3	321.7	319.7	316.5	312.1
26.00	344.7	341.7	338.4	336.6	335.4	332.6	330.2	327.8	323.8
28.00	361.0	357.5	354.1	352.3	350.9	347.9	345.0	342.2	338.7
30.00	379.6	376.1	372.3	370.6	368.0	365.1	362.2	359.3	355.8
32.00	396.0	392.4	388.5	387.7	386.8	384.2	381.2	378.2	374.5
34.00	412.6	408.5	405.1	404.2	403.1	401.2	400.2	397.5	393.5
36.00	427.2	423.6	420.3	419.1	419.1	418.0	416.8	416.3	414.1
38.00	439.7	436.3	432.6	432.1	432.5	431.5	432.2	432.1	431.7
40.00	452.1	448.6	445.3	444.7	444.9	444.3	445.6	447.1	446.8
42.00	463.0	459.3	456.0	455.3	455.3	455.4	456.6	458.9	459.4
44.00	472.0	467.8	465.0	464.8	465.5	465.2	466.8	468.3	469.4
46.00	479.8	475.4	472.9	472.5	473.0	473.0	474.8	474.6	475.7
48.00	486.4	481.9	480.1	480.2	480.9	480.0	482.0	481.2	481.4
50.00	493.2	488.8	487.0	486.9	487.4	487.1	488.5	487.1	487.3
52.00	498.5	493.8	491.7	491.9	493.6	492.4	494.0	492.7	491.8
54.00	504.5	500.0	497.5	495.2	495.8	495.1	496.8	494.7	495.7
56.00	502.9	498.1	494.7	496.4	496.4	495.9	496.0	493.8	494.6
58.00	495.4	491.3	489.2	492.8	493.2	493.6	493.2	489.9	491.1
60.00	482.7	478.8	476.6	480.3	482.6	485.5	486.3	484.2	483.9
62.00	470.5	467.6	466.2	467.1	470.0	471.4	475.2	473.6	474.5
64.00	453.4	450.9	449.7	451.0	456.5	457.9	458.8	458.8	461.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
66.00	440.3	437.9	436.1	436.8	440.6	440.8	444.5	443.5	446.0
68.00	425.6	423.7	420.0	418.6	422.4	420.3	419.4	419.6	424.7
70.00	404.9	402.8	397.1	393.1	398.9	391.6	385.0	385.7	394.6
72.00	373.4	370.2	362.5	353.0	356.8	349.1	343.5	347.1	358.1
74.00	325.6	318.6	309.0	296.4	293.8	289.2	293.5	298.4	311.1
76.00	259.9	251.3	244.1	235.0	226.8	219.5	225.5	234.5	249.7
78.00	181.2	169.5	166.8	162.0	152.6	143.5	151.6	161.8	173.1
80.00	91.2	83.8	84.9	70.1	68.9	66.7	75.4	85.3	96.9
82.00	32.5	28.9	26.2	20.5	19.6	22.0	25.0	30.9	37.7
84.00	6.3	6.0	5.5	6.1	6.6	7.8	9.0	10.3	12.1
86.00	1.2	1.3	1.4	1.3	1.6	2.2	2.7	3.0	3.5
88.00	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
90.00	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
92.00	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
94.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
96.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
98.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
100.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
102.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
104.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
106.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
108.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
110.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
112.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
114.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
118.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.00	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1
130.00	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
132.00	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
134.00	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.00	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
148.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
150.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
152.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
170.00	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
172.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
174.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
176.00	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2
178.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
180.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	215.9	215.7	215.7	215.4	215.2	215.0	214.9	214.7	214.6
4.00	222.5	222.0	221.7	221.2	220.7	220.2	219.8	219.5	219.1
6.00	228.8	223.8	222.7	221.4	217.8	215.9	214.9	213.4	206.5
8.00	226.3	223.7	218.0	216.2	214.2	203.9	201.8	197.1	195.8
10.00	232.7	220.0	217.2	209.9	206.7	193.7	185.3	179.1	178.6
12.00	233.8	228.7	214.0	206.9	196.5	177.8	163.2	158.0	153.7
14.00	241.0	229.0	213.5	198.0	175.2	162.0	137.3	124.7	115.1
16.00	248.8	235.3	217.0	189.6	174.4	154.4	130.5	106.1	96.4
18.00	257.0	242.6	221.9	193.1	172.2	152.6	130.3	103.2	92.2
20.00	266.6	250.0	228.5	198.5	176.2	162.6	133.5	105.3	92.6
22.00	286.9	257.6	242.1	205.6	181.3	167.3	137.0	113.8	94.2
24.00	298.6	269.8	250.2	215.3	186.8	172.6	143.4	116.4	95.8
26.00	317.9	292.9	259.3	237.8	194.0	178.6	171.0	119.7	97.9
28.00	334.1	313.9	275.6	254.0	210.3	186.4	182.0	123.7	100.6
30.00	351.7	346.1	307.4	268.0	236.2	195.3	191.7	128.8	105.0
32.00	370.6	366.1	336.5	284.1	264.1	205.9	202.2	135.9	113.1
34.00	390.0	385.7	371.6	311.0	278.9	217.4	211.1	147.1	125.1
36.00	409.7	405.1	400.3	343.6	302.9	246.7	220.4	191.3	135.1
38.00	427.8	423.1	419.2	381.8	319.6	283.6	229.3	224.9	145.7
40.00	444.7	440.3	436.5	417.9	336.6	310.6	238.2	234.3	151.2
42.00	457.9	455.8	451.0	443.7	362.0	321.5	245.1	241.0	154.8
44.00	468.8	467.0	463.5	456.4	393.7	333.8	252.4	246.7	158.0
46.00	475.2	474.0	472.9	465.9	422.4	352.0	265.0	250.4	160.0
48.00	481.0	479.5	478.7	473.7	448.7	359.7	293.7	253.2	161.9
50.00	485.5	485.2	483.8	481.3	471.3	368.5	319.1	256.5	164.7
52.00	490.0	489.5	489.3	487.6	481.0	388.0	342.5	260.3	169.3
54.00	493.2	492.5	492.2	491.3	488.6	408.2	354.3	264.6	179.8
56.00	494.6	494.2	493.5	492.0	489.6	428.3	358.5	265.4	199.7
58.00	491.1	493.3	491.5	488.1	485.6	441.3	359.5	262.2	231.2
60.00	484.5	486.1	485.2	480.7	477.6	448.0	363.2	257.3	248.7
62.00	474.5	475.3	475.9	470.9	465.5	448.9	355.6	252.6	243.2
64.00	462.9	463.3	462.0	459.6	452.8	446.6	345.7	250.6	235.3
66.00	448.2	451.4	449.4	447.1	443.9	437.2	340.2	258.1	229.1
68.00	427.5	430.7	429.9	425.6	428.5	421.4	338.0	267.6	221.7
70.00	401.8	404.6	404.8	403.0	401.1	399.2	330.2	265.2	206.1
72.00	368.9	377.4	378.3	377.3	375.1	373.0	320.0	257.2	191.1
74.00	323.9	332.3	337.4	338.3	335.8	330.4	293.4	225.7	166.4
76.00	261.9	267.6	274.5	275.0	274.1	267.5	235.2	171.6	125.6
78.00	185.1	184.5	189.2	189.0	192.4	190.5	160.2	108.1	73.0
80.00	107.4	100.5	98.6	103.5	110.7	111.5	86.0	50.0	29.6
82.00	44.0	40.4	39.2	40.5	41.4	42.4	31.1	15.5	10.7
84.00	14.3	14.7	14.1	14.7	14.3	13.2	9.8	6.8	5.3
86.00	4.0	4.6	5.0	5.0	4.8	4.5	3.6	2.6	2.0

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
88.00	0.3	0.4	0.4	0.3	0.4	0.5	0.4	0.4	0.3
90.00	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
92.00	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
94.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
104.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
106.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
108.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
110.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
112.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
114.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
118.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.00	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.00	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.00	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
152.00	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1
154.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
156.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
158.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
160.00	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
162.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
164.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
166.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
168.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
170.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
172.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
174.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
180.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	214.4	214.2	214.1	214.1	214.0	213.8	213.8	213.8	213.7
4.00	218.8	218.5	218.5	218.6	218.6	218.6	218.8	219.0	219.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
6.00	208.9	211.9	212.8	213.4	213.9	218.0	219.2	220.3	224.3
8.00	195.3	195.4	200.3	202.5	209.7	213.1	215.0	220.4	222.8
10.00	177.7	177.7	183.9	188.0	199.2	206.2	214.0	217.6	225.1
12.00	156.6	155.8	158.1	170.3	187.6	197.0	206.8	216.7	230.8
14.00	115.7	121.0	127.8	149.4	167.3	184.7	203.9	222.6	237.5
16.00	97.0	102.6	117.5	144.9	158.1	179.2	201.2	225.3	246.0
18.00	91.9	98.6	112.4	144.1	155.7	178.5	205.6	236.7	254.5
20.00	92.1	99.5	114.6	147.6	159.2	183.3	214.0	246.6	263.1
22.00	93.7	101.2	117.3	156.7	163.3	188.8	223.6	255.5	273.2
24.00	96.1	103.1	120.2	163.3	167.8	194.8	238.9	264.6	289.6
26.00	100.7	106.4	123.1	168.7	173.0	207.2	248.3	275.7	308.6
28.00	109.8	113.9	127.6	175.1	179.3	230.2	260.0	297.7	331.4
30.00	120.8	121.3	138.1	182.6	187.5	252.4	273.5	324.0	350.3
32.00	134.6	128.7	170.8	192.2	208.0	267.0	305.1	353.6	369.8
34.00	149.1	134.3	192.5	201.1	238.3	292.3	331.9	381.5	388.3
36.00	164.8	139.2	204.0	210.3	270.5	308.3	367.2	401.2	406.9
38.00	180.4	144.5	214.2	219.6	297.0	323.1	399.1	419.6	424.8
40.00	192.6	149.0	223.2	228.9	311.2	349.8	429.2	436.7	441.6
42.00	198.1	152.6	229.9	236.5	324.1	379.5	445.0	451.0	456.8
44.00	202.4	155.4	235.2	254.0	344.5	410.1	456.9	462.5	467.7
46.00	205.3	157.4	238.8	279.6	353.3	433.8	465.4	470.9	475.3
48.00	207.8	159.5	241.7	305.3	360.8	454.3	472.6	477.0	480.4
50.00	210.8	161.8	244.9	327.0	371.5	471.6	479.3	481.6	485.1
52.00	214.4	169.8	249.1	343.0	395.1	479.8	485.0	486.7	489.1
54.00	218.8	196.0	253.7	351.8	418.3	486.8	489.4	490.2	492.3
56.00	219.9	223.9	256.0	355.4	436.2	488.8	490.1	490.8	493.7
58.00	218.0	236.8	253.8	362.4	445.2	484.6	486.3	488.4	491.9
60.00	215.6	239.0	249.5	362.0	452.0	476.4	478.9	482.5	485.3
62.00	212.9	236.0	244.3	353.2	453.0	464.7	468.9	473.6	474.0
64.00	212.2	230.9	247.8	344.2	444.6	450.7	456.4	457.4	460.1
66.00	215.1	226.6	259.3	336.6	436.8	440.9	445.9	446.3	449.6
68.00	216.7	219.2	267.3	336.5	424.4	429.7	430.9	433.1	433.0
70.00	208.4	204.3	263.1	331.6	403.0	405.6	408.7	408.5	408.9
72.00	196.7	188.3	251.4	319.3	376.7	378.2	381.2	381.5	381.5
74.00	159.6	158.7	216.7	288.8	333.1	337.1	339.7	339.8	339.1
76.00	109.0	116.2	162.4	230.5	270.1	273.9	278.1	277.1	278.6
78.00	58.2	63.5	99.1	154.0	192.7	196.1	194.7	191.2	194.0
80.00	22.5	24.1	40.6	80.4	111.3	112.1	106.0	101.8	105.8
82.00	7.9	8.4	11.1	23.0	38.1	39.9	40.3	39.7	40.5
84.00	4.0	4.5	5.7	7.9	11.3	12.9	13.5	12.9	12.9
86.00	1.4	1.7	2.2	2.9	3.9	4.3	4.3	4.0	3.3
88.00	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1
90.00	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
92.00	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
94.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
104.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
106.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
108.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
110.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
112.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
114.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
118.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.00	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0
130.00	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
132.00	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1
134.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
152.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
154.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
156.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
158.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
160.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
162.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
164.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
166.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
168.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
170.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
172.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
174.00	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1
176.00	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
178.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
180.00	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
0.00	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
2.00	213.6	213.6	213.6	213.5	213.5	213.6	213.7	213.7	213.8
4.00	219.4	219.5	219.4	219.4	219.5	219.6	219.7	219.9	220.1
6.00	226.0	227.0	227.6	228.1	228.3	228.4	228.8	229.2	229.6
8.00	225.8	235.0	236.5	237.4	238.2	238.6	239.0	239.8	240.4
10.00	232.0	240.0	246.4	248.0	249.4	250.0	251.0	251.9	252.9
12.00	239.8	249.8	257.2	259.4	260.9	261.8	263.3	264.6	265.9
14.00	249.1	263.5	268.5	271.0	272.8	273.8	275.7	277.3	278.9
16.00	258.8	276.0	280.0	283.0	284.8	286.0	287.9	289.9	291.7
18.00	274.1	286.9	290.9	294.3	296.5	297.7	299.5	301.6	303.7
20.00	285.1	297.8	301.8	305.3	307.3	308.3	309.9	312.2	314.6
22.00	295.2	308.0	311.5	314.8	317.2	318.6	320.0	322.0	324.2
24.00	312.4	317.9	321.5	325.3	327.2	328.4	329.6	331.4	333.8
26.00	323.9	329.3	332.7	336.0	338.0	339.2	340.6	342.1	344.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
28.00	339.0	343.8	346.4	349.9	352.4	353.8	355.4	356.8	359.3
30.00	356.4	360.1	362.7	366.5	369.1	370.3	372.4	373.9	376.4
32.00	374.7	378.8	381.4	385.1	387.5	388.4	389.3	390.8	393.4
34.00	392.9	397.2	400.3	403.4	404.5	405.0	406.6	408.1	409.9
36.00	411.6	417.2	418.6	420.3	421.5	420.6	420.7	422.3	424.4
38.00	429.9	434.8	434.9	436.1	434.8	434.4	434.9	435.9	437.2
40.00	447.1	450.4	450.5	450.2	448.7	447.5	447.5	449.0	450.5
42.00	460.5	463.3	463.3	462.1	460.0	458.1	457.7	459.4	460.5
44.00	471.4	473.2	472.4	471.3	468.6	467.0	466.2	467.4	468.6
46.00	478.7	479.8	478.5	478.9	476.4	474.1	472.8	474.4	475.3
48.00	483.5	483.9	483.6	483.9	481.9	480.4	479.2	479.7	480.2
50.00	487.1	488.1	488.7	489.4	488.3	485.4	484.9	485.4	486.2
52.00	491.2	492.6	493.7	494.3	493.0	491.7	490.1	489.9	492.1
54.00	494.9	496.2	496.1	498.1	497.1	495.8	495.9	496.9	500.4
56.00	495.9	495.4	495.5	497.2	498.2	498.1	499.3	499.0	502.3
58.00	492.3	491.6	491.7	493.0	495.2	494.1	493.5	491.4	492.4
60.00	485.3	484.4	486.2	485.5	486.5	482.3	479.8	477.0	478.4
62.00	474.8	476.4	474.7	473.3	470.3	467.7	464.7	463.1	464.1
64.00	462.1	461.0	458.1	455.1	454.1	451.9	446.7	445.5	446.1
66.00	449.6	446.7	443.9	441.5	439.5	437.1	434.2	434.2	435.5
68.00	431.5	428.3	424.8	422.7	422.4	422.2	419.9	421.0	424.0
70.00	408.0	402.4	397.0	390.3	393.1	399.0	394.8	399.1	404.9
72.00	377.1	369.2	358.6	351.8	353.1	360.3	359.6	367.4	376.8
74.00	333.0	321.5	308.9	300.7	294.0	299.6	309.2	321.6	330.8
76.00	272.0	259.9	245.2	233.7	226.1	232.0	242.2	252.8	259.1
78.00	193.6	182.0	171.4	158.5	150.4	158.1	169.0	176.6	178.6
80.00	110.8	101.7	92.6	81.8	74.6	76.4	82.2	91.9	91.5
82.00	42.5	39.0	33.1	27.4	21.6	19.0	20.9	23.1	25.4
84.00	12.3	10.4	9.0	7.7	6.5	5.3	4.3	4.1	3.9
86.00	2.8	2.3	1.9	1.6	1.3	1.0	0.8	0.7	0.6
88.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
90.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
98.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
100.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
102.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
104.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
106.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
108.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
110.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
112.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
114.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
118.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
126.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
128.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD15 (Alley testapalo) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
132.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
134.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.00	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1
140.00	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
150.00	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2
152.00	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
154.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170.00	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
172.00	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
174.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
180.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	UD15 (Alley testapalo)		
Number:	PL43757/00	**Diameter:**	0 mm
Report:	TR06000/00	**Length:**	85 mm
Test no.:	1	**Width:**	110 mm
Flux Meas:	1925.31 lm	**Height:**	0 mm
Date:	25/08/2021 13:14:14	**Operator:**	Roberto Cammertoni

Flusso zonale UD15 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
0.0	110.37	110.37	110.37	0.00	0.00	0.00	0.00
2.0	110.88	112.71	111.85	0.82	0.82	0.04	0.04
4.0	113.48	116.88	115.30	2.51	3.33	0.13	0.17
6.0	107.27	122.30	118.74	4.31	7.63	0.22	0.40
8.0	101.42	128.09	121.71	6.19	13.82	0.32	0.72
10.0	92.30	134.35	124.88	8.14	21.97	0.42	1.14
12.0	79.85	140.62	127.80	10.18	32.14	0.53	1.67
14.0	59.80	146.98	130.15	12.25	44.39	0.64	2.31
16.0	50.05	153.09	133.74	14.42	58.81	0.75	3.05
18.0	47.75	158.53	137.93	16.77	75.58	0.87	3.93
20.0	47.85	164.30	142.34	19.26	94.85	1.00	4.93
22.0	48.68	169.47	146.78	21.88	116.72	1.14	6.06
24.0	49.74	174.71	151.47	24.60	141.33	1.28	7.34
26.0	50.83	180.48	157.13	27.53	168.86	1.43	8.77
28.0	52.27	188.27	164.51	30.83	199.69	1.60	10.37
30.0	54.54	197.26	173.14	34.56	234.25	1.80	12.17
32.0	58.77	206.34	182.40	38.66	272.91	2.01	14.17
34.0	64.95	214.85	191.48	42.99	315.90	2.23	16.41
36.0	70.16	222.29	200.61	47.48	363.38	2.47	18.87
38.0	75.07	229.20	208.91	52.03	415.41	2.70	21.58
40.0	77.41	236.18	216.34	56.50	471.91	2.93	24.51
42.0	79.23	241.74	222.38	60.77	532.68	3.16	27.67
44.0	80.69	246.08	227.50	64.78	597.45	3.36	31.03
46.0	81.73	250.20	231.67	68.55	666.00	3.56	34.59
48.0	82.83	253.49	235.06	72.07	738.07	3.74	38.34
50.0	84.02	256.88	238.32	75.43	813.50	3.92	42.25
52.0	87.94	259.28	241.39	78.71	892.20	4.09	46.34
54.0	93.41	263.01	243.92	81.83	974.03	4.25	50.59
56.0	103.72	263.90	244.44	84.46	1058.49	4.39	54.98
58.0	113.23	257.81	242.51	86.22	1144.71	4.48	59.46
60.0	111.98	252.67	238.24	87.00	1231.71	4.52	63.97
62.0	110.57	247.46	232.35	86.90	1318.61	4.51	68.49
64.0	110.21	240.63	224.57	85.95	1404.56	4.46	72.95
66.0	111.72	234.45	217.41	84.57	1489.13	4.39	77.34
68.0	112.55	224.93	207.44	82.56	1571.69	4.29	81.63
70.0	106.10	212.39	193.11	78.95	1650.64	4.10	85.73

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale UD15 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
72.0	97.82	198.16	176.03	73.69	1724.33	3.83	89.56
74.0	82.41	176.47	150.66	65.96	1790.29	3.43	92.99
76.0	56.64	144.70	116.58	54.50	1844.79	2.83	95.82
78.0	30.22	101.85	77.16	39.86	1884.64	2.07	97.89
80.0	10.41	58.22	38.98	24.07	1908.71	1.25	99.14
82.0	2.95	22.87	12.46	10.73	1919.44	0.56	99.70
84.0	1.58	7.65	3.55	3.35	1922.79	0.17	99.87
86.0	0.31	2.61	1.05	0.97	1923.76	0.05	99.92
88.0	0.06	0.45	0.21	0.26	1924.02	0.01	99.93
90.0	0.01	0.35	0.13	0.07	1924.10	0.00	99.94
92.0	0.02	0.37	0.14	0.06	1924.15	0.00	99.94
94.0	0.03	0.39	0.15	0.06	1924.21	0.00	99.94
96.0	0.04	0.41	0.16	0.06	1924.28	0.00	99.95
98.0	0.05	0.42	0.16	0.07	1924.34	0.00	99.95
100.0	0.05	0.42	0.16	0.07	1924.41	0.00	99.95
102.0	0.05	0.43	0.16	0.07	1924.48	0.00	99.96
104.0	0.05	0.42	0.15	0.06	1924.54	0.00	99.96
106.0	0.05	0.41	0.15	0.06	1924.60	0.00	99.96
108.0	0.06	0.40	0.14	0.06	1924.66	0.00	99.97
110.0	0.06	0.39	0.14	0.06	1924.72	0.00	99.97
112.0	0.07	0.37	0.14	0.05	1924.77	0.00	99.97
114.0	0.06	0.34	0.12	0.05	1924.82	0.00	99.97
116.0	0.05	0.31	0.11	0.04	1924.87	0.00	99.98
118.0	0.05	0.27	0.11	0.04	1924.91	0.00	99.98
120.0	0.04	0.23	0.09	0.04	1924.94	0.00	99.98
122.0	0.03	0.20	0.07	0.03	1924.97	0.00	99.98
124.0	0.03	0.16	0.06	0.02	1924.99	0.00	99.98
126.0	0.02	0.14	0.05	0.02	1925.01	0.00	99.98
128.0	0.01	0.11	0.04	0.02	1925.03	0.00	99.99
130.0	0.01	0.10	0.04	0.01	1925.04	0.00	99.99
132.0	0.02	0.09	0.04	0.01	1925.06	0.00	99.99
134.0	0.01	0.08	0.03	0.01	1925.07	0.00	99.99
136.0	0.01	0.07	0.03	0.01	1925.08	0.00	99.99
138.0	0.03	0.08	0.05	0.01	1925.09	0.00	99.99
140.0	0.03	0.08	0.05	0.01	1925.10	0.00	99.99
142.0	0.03	0.08	0.05	0.01	1925.11	0.00	99.99
144.0	0.04	0.08	0.06	0.01	1925.13	0.00	99.99
146.0	0.03	0.09	0.06	0.01	1925.14	0.00	99.99
148.0	0.03	0.10	0.07	0.01	1925.16	0.00	99.99
150.0	0.03	0.10	0.07	0.02	1925.17	0.00	99.99
152.0	0.03	0.11	0.08	0.02	1925.19	0.00	99.99
154.0	0.04	0.11	0.08	0.01	1925.20	0.00	99.99
156.0	0.05	0.12	0.09	0.01	1925.22	0.00	100.00
158.0	0.06	0.13	0.09	0.01	1925.23	0.00	100.00
160.0	0.06	0.12	0.09	0.01	1925.25	0.00	100.00
162.0	0.06	0.12	0.09	0.01	1925.26	0.00	100.00

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale UD15 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
164.0	0.06	0.12	0.09	0.01	1925.27	0.00	100.00
166.0	0.06	0.13	0.09	0.01	1925.28	0.00	100.00
168.0	0.06	0.13	0.09	0.01	1925.29	0.00	100.00
170.0	0.06	0.13	0.09	0.01	1925.29	0.00	100.00
172.0	0.07	0.11	0.09	0.01	1925.30	0.00	100.00
174.0	0.07	0.10	0.09	0.00	1925.30	0.00	100.00
176.0	0.07	0.10	0.09	0.00	1925.31	0.00	100.00
178.0	0.07	0.10	0.09	0.00	1925.31	0.00	100.00
180.0	0.07	0.10	0.09	0.00	1925.31	0.00	100.00

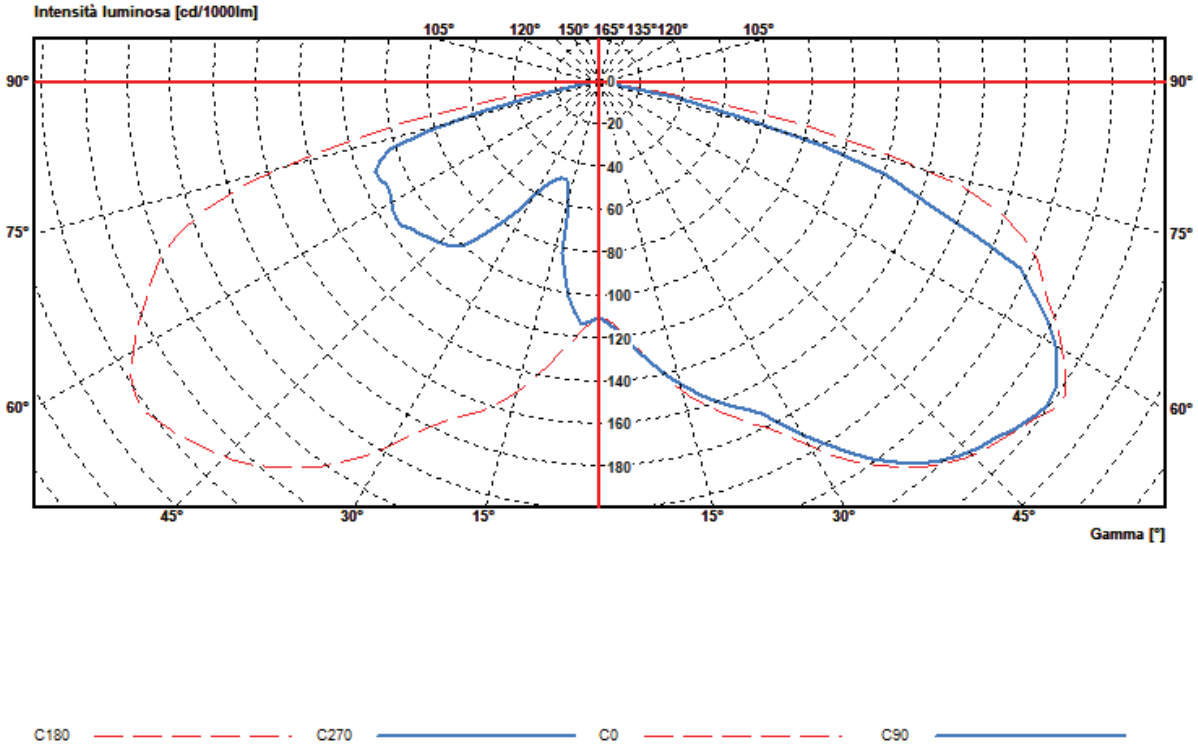
iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	UD15 (Alley testapalo)		
Number:	PL43757/00	**Diameter:**	0 mm
Report:	TR06000/00	**Length:**	85 mm
Test no.:	1	**Width:**	110 mm
Flux Meas:	1925.31 lm	**Height:**	0 mm
Date:	25/08/2021 13:14:14	**Operator:**	Roberto Cammertoni

Diagramma polare UD15 (Alley testapalo) / Total LVK



iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Goniophotometer

Photometric Test Report

MSQ08/A 03 (Last update: 2021/07/30)

Summary:

Relevant Standards
UNI EN 13032-4:2019 (par. 1, 2, 3, 4, 5, 6, 8)

Prepared for
iGuzzini

Luminaire code number
UD19

Test Report number
TR06001/00

Date
2021-09-08

Prepared by

Francesco Benedetti
Photometric Laboratory Expert

Approved by

Stefano Petrocchi
Photometric Laboratory Manager

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy

Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

General information

Test Report number: TR06001/00
Photometric file: PL43761/00

Luminaire code nr.: UD19
Product type: Alley testapalo
Product description: Outdoor luminaire with direct light street optic, designed to use LED lamps.
5 mm thick tempered sodium-calcium closure glass fixed to product with 4 screws.
Complete with circuit having monochrome LEDs and polymer optic multilayer lenses. Optic:ST1.5U

Ballast/Driver: LED POWER SUPPLY TRIDONIC LCO 14W 100-500mA 38V NFC C ADV3

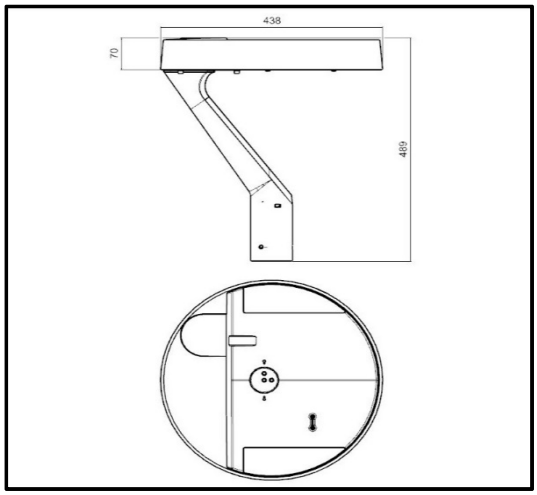
Led type: Samsung LH181B 3000 K (CRI 70 minimum)

Leds number: 24
Note: -

Electrical Ratings

Voltage:	230	[V]
Current:	-	[A]
Total System Power:	-	[W]
Frequency:	50	[Hz]

Pictures



iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Goniophotometer measurement

Test Results

Total Lumen Output:	1982.9	[lm]
Luminous efficacy:	136.6	[lm/W]

Voltage:	230.03	[V]
Current:	0.0647	[A]
Total System Power:	14.51	[W]
Power Factor:	0.97	[/]
Frequency:	50	[Hz]

Measurement uncertainties

LED type: White LED
Type of Photometry: Absolute

Electrical power: ±1%

LOR: /
Luminous flux: ±4.1%
Luminous intensity "cd" ±4.1%
Luminous intensity "cd/klm" ±3.2%
Angular deviation: ±0.5°

Luminous efficacy: ±4.2%

The relative expanded uncertainty stated above are given with a level of confidence of 95 % and are obtained by multiplying the combined uncertainty with the coverage factor k=2.

Instruments

Goniophotometer: LMT GO-DS 2000 (mirror photogoniometer); Internal code: LAS100
Last calibration date: 2019/09; Calibration due date: 2021/09.

Photometer head: LMT Photometer head SP 30 S0T-1s; Internal code: LAS320
Last calibration date: 2021/07; Calibration due date: 2023/07.

Electrical parameters: Digital Power Meter - YOKOGAWA WT 310; Internal code: LAS300
Last calibration date: 2021/05; Calibration due date: 2022/05.

Ambient temperature: Thermo Hygrometer - Deltaohm HD 206/01; Internal code: LAS316
Last calibration date: 2021/04; Calibration due date: 2022/04.

Time: Digital Timer Casio HS-3V; Internal code: LAS344
Last calibration date: 2021/01; Calibration due date: 2022/01.

Air movement: Air Velocity Transducer - TSI Incorporated 8475-300-1; Internal code: LAS215
Last calibration date: 2021/02; Calibration due date: 2022/01.

Power supply: AC Power Supply - CHROMA mod. 6408; Internal code LAS225
-

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Test procedure

The measurement of luminous intensity distribution and luminous flux, were performed by using a type 3.1 mirror goniophotometer.
The procedure assumes that the luminous area of a light source is effectively a point source (far-field).
Luminous intensity measurements are derived from illuminance measurements according to the inverse square law.
The coordinate system centre is coincident with the photometric centre of the DUT.
The angular interval between readings of intensity (C, γ) are chosen in order to permit an acceptable accuracy, determined by the nature of distribution.

Test conditions

Photometer Distance: 26.013 m
Ambient temperature: 25°C±1.2°C
Air movement in the test area: < 0.2 m/s
Photometric centre: Center of the light emitting surface
Luminaire position: Light emitting surface downward.
Preburning time: -
Source stabilization time: 0 h 55 min
Total operating time: 1 h 40 min
Stray Light Screening: Stray light screening according to UNI EN 13032-4:2019 (Annex B)

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

RISULTATI FOTOMETRICI

Name:	UD19 (Alley testapalo)		
Number:	PL43761/00	**Diameter:**	0 mm
Report:	TR06001/00	**Length:**	85 mm
Test no.:	1	**Width:**	110 mm
Flux Meas:	1982.90 lm	**Height:**	0 mm
Date:	25/08/2021 10:25:36	**Operator:**	Roberto Cammertoni

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	372.3	374.0	375.4	376.6	377.4	378.3	379.4	380.3	381.2
4.00	373.1	376.5	379.0	381.0	382.8	384.9	386.6	388.3	389.8
6.00	375.2	380.4	384.2	387.5	390.3	393.2	395.7	397.9	399.7
8.00	377.5	384.6	389.9	394.1	397.9	401.4	404.3	406.7	408.9
10.00	380.5	389.8	396.9	402.0	406.3	410.3	413.6	416.3	418.8
12.00	384.3	395.2	404.0	410.2	414.6	419.6	423.4	426.4	429.1
14.00	388.3	401.4	412.1	419.2	424.9	430.3	434.2	437.1	440.1
16.00	393.0	408.0	420.8	429.2	435.8	441.8	446.2	449.3	451.8
18.00	397.6	414.9	430.2	440.5	448.5	455.0	459.3	462.3	465.2
20.00	404.6	424.9	442.2	454.0	462.5	469.4	474.1	477.5	480.4
22.00	411.7	435.4	455.5	469.9	479.7	486.7	491.0	493.7	496.1
24.00	421.5	449.3	472.7	489.5	500.0	507.1	511.4	513.6	514.2
26.00	434.7	467.2	494.4	513.8	524.9	531.2	533.6	534.5	534.3
28.00	455.3	493.4	524.2	545.3	557.2	562.5	562.5	559.5	556.4
30.00	485.2	527.4	560.3	582.2	593.9	598.8	596.6	590.3	581.7
32.00	522.3	565.2	598.1	619.6	630.7	635.2	633.5	625.2	613.1
34.00	555.5	597.8	630.6	651.7	662.3	666.9	664.6	657.7	645.3
36.00	586.5	628.3	659.3	678.9	689.2	693.9	692.3	686.2	675.4
38.00	609.9	650.4	681.3	701.5	710.8	714.4	713.2	709.0	700.8
40.00	630.8	669.4	698.4	715.5	724.5	730.5	730.0	726.4	721.9
42.00	650.0	687.1	713.0	727.6	735.1	739.5	739.8	740.5	736.2
44.00	667.4	703.8	727.6	739.0	744.0	745.9	745.2	745.4	746.6
46.00	686.2	722.1	742.9	750.1	751.6	751.4	748.8	747.1	748.8
48.00	705.7	740.3	758.4	762.1	759.7	755.6	750.4	748.9	750.6
50.00	734.1	766.9	781.7	780.9	771.5	759.8	751.0	747.9	751.0
52.00	776.8	811.1	826.4	823.4	805.0	780.1	756.4	745.9	747.7
54.00	827.7	867.9	888.1	891.3	871.8	832.8	784.1	751.9	744.7
56.00	875.6	922.7	948.8	959.1	948.6	914.3	854.4	783.6	745.7
58.00	915.5	970.5	1005.6	1026.0	1027.4	1003.7	950.5	862.0	773.4
60.00	935.4	1001.4	1044.4	1081.9	1102.2	1097.1	1056.4	968.1	850.6
62.00	935.4	1009.4	1058.4	1110.8	1155.1	1176.6	1158.4	1083.2	960.3
64.00	889.5	976.5	1022.5	1082.9	1159.1	1232.3	1251.5	1204.2	1100.8
66.00	785.8	884.8	924.9	968.1	1056.4	1179.6	1281.2	1299.4	1246.2
68.00	622.3	722.4	764.6	778.5	842.9	979.9	1151.5	1272.6	1258.0
70.00	430.8	517.2	559.5	547.9	578.6	682.7	872.3	1054.4	1075.1
72.00	267.8	306.7	328.9	331.1	343.0	389.7	489.6	620.5	683.0
74.00	143.3	169.4	186.9	205.4	213.7	224.2	254.3	286.8	274.3
76.00	42.9	51.6	68.4	94.4	117.6	122.3	125.7	118.9	92.7
78.00	21.3	20.9	22.8	24.1	24.5	31.3	37.7	40.7	44.1
80.00	13.9	14.0	14.3	14.3	13.9	14.7	14.5	15.3	15.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
82.00	7.3	7.6	8.1	7.9	7.9	8.2	8.5	8.6	8.3
84.00	2.7	3.1	3.4	3.5	3.6	3.7	3.9	3.9	3.8
86.00	0.6	0.7	0.8	0.9	1.0	1.0	1.2	1.3	1.4
88.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
90.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
94.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
96.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
98.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
100.00	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
102.00	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
104.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
106.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
108.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
110.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
112.00	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
114.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
116.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
118.00	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
120.00	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
122.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
124.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
126.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
128.00	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
130.00	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
132.00	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
134.00	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
136.00	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
138.00	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
146.00	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
148.00	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
152.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
154.00	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
156.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
158.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
160.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.00	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164.00	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166.00	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
170.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
172.00	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174.00	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
178.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
180.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	381.9	382.5	383.2	383.8	384.5	384.9	385.0	385.4	385.4
4.00	391.3	392.8	394.0	395.1	396.3	396.7	397.4	397.8	398.0
6.00	401.1	402.6	403.7	405.0	406.5	407.2	408.6	408.4	408.5
8.00	410.5	411.9	413.0	414.3	415.6	416.5	417.3	417.9	418.0
10.00	420.5	421.9	422.9	423.9	425.3	425.5	426.5	427.2	427.1
12.00	430.8	432.2	433.0	433.7	435.0	435.2	435.4	436.4	436.6
14.00	441.7	443.1	443.8	444.4	445.3	445.1	445.0	446.1	446.2
16.00	453.7	455.0	455.5	455.6	456.0	455.3	455.1	455.9	455.8
18.00	466.5	467.6	467.5	467.2	467.4	466.2	465.3	465.9	465.6
20.00	481.0	480.9	480.4	479.6	479.2	477.1	475.6	475.7	475.6
22.00	496.2	495.2	493.6	492.0	490.9	488.2	485.9	485.1	484.6
24.00	513.0	511.1	508.1	505.5	503.0	499.2	495.9	494.1	493.3
26.00	531.3	527.9	523.7	518.7	514.9	509.7	505.4	502.8	501.3
28.00	551.9	546.3	539.7	532.7	527.2	520.8	515.5	512.1	510.2
30.00	573.7	566.4	557.1	547.8	540.0	531.4	524.6	520.1	517.4
32.00	599.2	587.7	576.7	563.9	553.2	542.5	534.2	528.6	525.3
34.00	627.5	610.4	595.4	580.2	566.9	553.4	543.1	536.0	531.9
36.00	658.1	636.8	615.6	598.2	581.6	564.9	552.6	544.9	540.1
38.00	686.6	664.9	638.5	617.1	597.9	577.0	561.1	550.3	543.7
40.00	711.9	692.9	662.5	633.7	611.9	586.7	567.8	555.9	548.2
42.00	729.6	713.9	686.2	652.3	626.1	597.5	575.2	560.5	551.6
44.00	743.0	732.0	708.5	671.9	639.2	606.7	580.2	562.8	552.2
46.00	750.3	746.3	726.6	691.1	651.8	615.4	585.1	564.7	552.5
48.00	753.0	752.8	739.7	708.9	665.6	624.0	589.9	566.4	551.8
50.00	753.7	755.0	747.0	722.8	679.9	633.3	594.7	567.1	550.0
52.00	752.5	756.9	752.1	732.6	694.1	642.4	598.9	566.9	547.6
54.00	749.5	753.9	753.1	740.6	709.1	654.4	606.8	571.9	548.6
56.00	744.5	749.9	755.1	747.5	723.0	670.4	616.8	577.8	551.6
58.00	743.5	749.9	755.1	753.5	742.9	703.4	651.7	618.6	597.5
60.00	761.4	746.9	766.1	789.4	812.7	806.3	757.3	726.0	703.2
62.00	822.9	773.8	809.9	874.1	946.1	944.2	848.0	747.9	677.3
64.00	968.6	879.2	880.6	856.2	816.6	746.3	627.8	527.1	461.8
66.00	1128.2	915.0	726.2	617.0	538.8	454.6	345.8	265.6	219.5
68.00	1076.7	787.7	495.1	317.0	196.2	127.9	86.7	68.6	62.8
70.00	883.3	564.9	231.1	85.7	53.8	47.0	43.8	43.8	44.9
72.00	522.9	194.5	59.5	41.1	38.2	37.7	35.6	35.3	35.8
74.00	164.6	51.3	34.3	31.7	30.0	29.1	27.7	27.2	27.2
76.00	55.2	28.8	24.9	22.7	22.4	21.1	20.8	20.5	20.4
78.00	30.3	19.7	17.4	17.1	15.7	14.8	14.6	14.6	14.4
80.00	14.3	12.4	11.2	10.6	10.1	9.8	9.5	9.6	9.7
82.00	7.5	7.0	6.3	5.8	5.6	5.4	5.2	5.1	5.2
84.00	3.6	3.4	3.0	2.7	2.6	2.5	2.5	2.5	2.5
86.00	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
88.00	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
90.00	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
92.00	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
94.00	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
96.00	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
98.00	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5
100.00	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
102.00	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
104.00	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
106.00	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
108.00	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
110.00	0.3	0.3	0.4	0.4	0.3	0.4	0.4	0.5	0.5
112.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
114.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
116.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
118.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
120.00	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4	0.4
122.00	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.4
124.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
126.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
128.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134.00	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.00	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
146.00	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
148.00	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
150.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
152.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
158.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160.00	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4
162.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
168.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
170.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
172.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
174.00	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.5
176.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
178.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
180.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	385.6	385.5	385.4	385.3	384.9	384.6	384.1	383.6	383.1
4.00	398.3	398.1	398.0	397.7	396.9	396.5	395.7	394.8	393.5
6.00	409.0	408.6	408.4	408.3	407.6	407.2	405.8	404.7	403.4
8.00	418.3	418.0	418.1	418.1	417.3	416.6	415.2	413.9	412.4
10.00	427.6	427.5	427.7	427.6	426.4	426.2	424.7	423.6	422.5
12.00	437.3	437.1	437.1	436.9	436.0	435.4	434.4	433.7	432.6
14.00	446.7	446.7	446.8	446.2	445.4	445.5	444.7	444.1	443.1
16.00	456.5	456.5	456.6	456.5	455.7	456.0	455.5	455.4	454.8
18.00	466.3	466.5	466.5	466.4	466.0	466.9	467.1	467.5	467.5
20.00	476.2	476.4	476.3	476.7	477.2	478.7	479.6	480.4	480.9

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
22.00	484.9	485.3	485.7	486.8	488.2	490.7	492.4	493.9	494.9
24.00	493.5	494.2	495.0	496.8	499.3	503.2	506.2	508.5	510.7
26.00	501.6	502.5	503.8	506.6	510.0	515.5	519.5	524.0	527.9
28.00	510.1	511.3	512.9	516.5	521.5	528.4	534.1	540.5	547.1
30.00	517.4	518.3	520.8	525.9	532.5	541.4	549.8	558.5	567.2
32.00	524.5	525.9	529.4	535.8	544.4	555.4	566.9	578.7	588.9
34.00	531.2	532.7	537.1	545.2	555.7	569.3	584.1	598.1	612.6
36.00	539.3	540.8	545.7	555.1	567.8	584.6	602.3	619.5	639.6
38.00	542.4	544.6	551.7	564.3	580.3	601.5	621.7	643.7	668.1
40.00	546.4	549.0	556.7	570.9	590.2	615.8	640.0	668.7	695.7
42.00	549.1	552.9	562.4	578.8	601.3	630.4	659.4	692.1	716.3
44.00	549.2	553.9	565.0	584.3	611.1	644.7	680.2	714.1	733.2
46.00	548.6	554.4	567.2	589.6	620.4	658.4	700.0	731.3	746.4
48.00	547.3	554.2	569.3	595.1	629.9	673.5	717.7	743.2	752.5
50.00	545.0	552.9	570.5	600.1	639.9	688.4	731.3	749.7	755.3
52.00	541.4	551.5	571.8	605.2	651.1	704.5	740.9	754.2	756.3
54.00	540.4	551.5	575.8	613.1	664.1	718.5	746.9	755.2	754.3
56.00	543.4	556.5	582.8	624.1	681.0	730.5	753.9	756.2	751.3
58.00	591.9	601.9	622.6	659.0	713.0	746.5	757.9	756.2	749.3
60.00	695.8	709.4	733.2	772.7	814.8	811.6	788.9	764.2	745.3
62.00	656.2	688.7	762.1	868.4	954.6	944.7	872.9	803.2	774.4
64.00	442.4	470.6	539.9	650.0	761.9	827.6	864.9	885.4	887.4
66.00	205.9	224.0	274.9	357.9	462.3	546.4	629.9	750.1	948.4
68.00	62.4	62.2	69.7	88.7	129.8	203.1	331.0	525.8	828.4
70.00	46.5	44.4	43.8	44.9	46.9	55.0	90.0	258.4	601.3
72.00	36.2	35.0	35.3	35.8	37.7	38.6	42.0	63.1	214.4
74.00	27.7	26.7	27.1	27.8	29.3	29.8	31.5	35.4	54.5
76.00	20.4	20.2	20.5	20.9	21.4	22.4	23.1	25.6	29.7
78.00	14.3	14.3	14.7	14.8	15.0	16.0	17.3	17.4	19.3
80.00	9.5	9.6	9.8	9.7	9.9	10.3	11.0	11.3	12.3
82.00	5.3	5.2	5.2	5.3	5.5	5.7	6.1	6.4	7.1
84.00	2.5	2.5	2.5	2.6	2.6	2.7	2.8	3.0	3.4
86.00	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
88.00	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5
90.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3
92.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
94.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
96.00	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
98.00	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
100.00	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
102.00	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
104.00	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
106.00	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
108.00	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3
110.00	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3
112.00	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3
114.00	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3
116.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
118.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
120.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.3
122.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2
124.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
126.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
128.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
132.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
146.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
148.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150.00	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
152.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
154.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
156.00	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
158.00	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
160.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
164.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
166.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
168.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170.00	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5
172.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
174.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	382.4	381.6	381.0	380.2	379.5	378.4	377.2	375.6	373.8
4.00	392.0	390.4	389.0	387.1	385.3	383.2	381.4	379.1	375.5
6.00	401.9	399.8	397.9	395.5	393.0	389.9	387.1	384.0	379.1
8.00	411.1	409.1	407.3	404.7	401.7	398.0	394.0	389.6	383.0
10.00	421.3	419.0	417.1	414.1	410.9	406.5	401.8	396.2	388.1
12.00	431.6	429.0	427.1	424.0	420.3	415.3	409.9	402.6	392.3
14.00	442.4	439.9	438.1	434.7	430.2	424.9	418.9	410.6	398.7
16.00	454.3	451.8	449.9	446.5	442.1	436.1	428.9	419.0	404.9
18.00	467.2	464.2	463.1	459.8	455.5	448.8	440.1	428.0	411.8
20.00	481.3	479.6	478.4	474.8	470.1	463.0	453.6	439.7	421.2
22.00	496.8	495.7	495.1	492.0	487.7	480.0	468.3	451.7	430.3
24.00	514.1	514.3	515.2	512.3	507.7	499.8	487.5	468.4	443.8
26.00	532.9	534.1	536.1	534.3	531.2	524.3	511.2	489.6	461.2
28.00	553.6	556.8	561.4	563.0	562.2	556.5	542.4	518.4	485.9
30.00	575.8	582.7	592.0	596.6	598.5	592.5	578.6	553.3	518.7
32.00	602.1	613.9	626.7	633.3	634.7	630.0	616.4	591.3	556.4
34.00	631.1	645.8	659.1	665.0	666.2	661.6	648.0	623.2	588.7
36.00	661.8	675.4	687.7	692.1	692.9	688.6	674.9	651.9	619.5
38.00	689.6	700.8	710.6	712.8	713.7	710.3	697.0	673.8	642.0
40.00	713.8	721.5	727.2	729.3	729.4	723.9	711.7	691.2	661.5
42.00	731.1	735.8	740.7	738.8	738.2	735.1	724.5	706.3	678.8

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
44.00	744.6	745.3	745.5	744.2	745.1	744.2	735.8	720.1	695.5
46.00	751.6	748.0	747.6	747.9	750.2	751.6	746.4	734.3	712.4
48.00	755.3	750.1	749.3	748.8	753.2	757.4	756.5	748.3	729.7
50.00	756.1	751.0	747.9	748.2	756.4	768.8	774.5	770.8	755.7
52.00	754.9	747.7	744.7	752.6	776.0	802.1	814.6	812.3	797.5
54.00	750.9	742.7	751.8	782.8	828.4	864.5	877.1	868.7	850.7
56.00	744.9	746.7	788.8	853.2	909.0	940.0	942.5	927.1	902.8
58.00	743.9	779.8	868.0	947.8	995.7	1017.5	1007.0	980.6	949.0
60.00	769.9	861.0	975.3	1053.4	1088.4	1088.9	1058.3	1018.9	980.1
62.00	838.8	974.3	1089.5	1155.0	1167.0	1138.2	1088.5	1037.0	992.1
64.00	987.6	1114.6	1211.8	1246.6	1213.4	1140.3	1064.3	1006.8	963.0
66.00	1157.4	1261.9	1301.0	1260.7	1155.9	1037.6	958.6	918.1	881.8
68.00	1113.4	1272.0	1252.9	1124.9	957.4	833.3	782.4	772.0	729.3
70.00	917.7	1080.5	1041.4	848.2	677.2	585.7	562.9	573.4	528.7
72.00	542.8	689.6	616.8	492.0	395.8	350.7	344.2	346.7	320.0
74.00	183.2	293.1	299.1	261.1	234.9	225.3	216.4	197.6	177.9
76.00	62.0	107.3	128.7	134.2	132.7	122.6	96.6	69.4	52.2
78.00	29.0	46.9	46.0	40.5	34.1	24.6	24.9	23.9	21.7
80.00	14.3	15.6	15.5	15.0	15.0	14.3	14.7	15.2	14.5
82.00	7.6	8.4	8.8	8.7	8.6	8.2	8.2	8.8	8.3
84.00	3.7	3.9	4.0	4.2	4.2	4.2	4.3	4.4	4.2
86.00	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.2
88.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3
90.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
94.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
96.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
98.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
100.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
102.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
104.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
106.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
108.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
110.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
112.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
114.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
116.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
118.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
120.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
122.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
124.00	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
126.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
128.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
134.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
136.00	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
142.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
144.00	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
146.00	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
148.00	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
150.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
152.00	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
154.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
156.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
158.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
160.00	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
162.00	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
164.00	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
166.00	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
168.00	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
170.00	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
172.00	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
174.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	372.0	370.4	369.0	367.6	366.4	365.2	364.2	363.2	362.4
4.00	372.1	368.9	366.2	363.8	361.8	359.7	358.2	356.6	355.4
6.00	373.9	369.1	365.3	362.0	359.1	356.1	353.3	350.2	347.5
8.00	376.1	370.0	365.0	360.7	356.8	352.6	349.1	345.6	329.7
10.00	379.3	371.4	364.8	359.3	354.4	349.6	346.3	334.6	321.2
12.00	381.8	372.0	363.8	357.0	351.5	346.9	343.6	332.0	317.6
14.00	386.0	373.9	363.9	356.1	350.3	345.7	341.8	335.9	314.0
16.00	390.2	375.6	364.0	355.0	348.6	343.8	339.9	334.9	311.8
18.00	394.3	376.8	362.9	353.1	346.8	341.9	337.6	331.8	316.6
20.00	400.5	379.4	362.8	351.5	344.0	338.5	334.2	327.9	312.6
22.00	406.4	381.8	362.5	349.5	341.1	335.1	329.8	322.9	311.2
24.00	415.1	385.3	362.0	346.7	336.8	329.5	324.2	317.1	309.3
26.00	427.4	392.1	363.4	344.7	332.6	324.0	317.2	310.0	301.9
28.00	446.0	403.0	366.8	343.0	327.9	317.4	309.6	300.9	292.3
30.00	474.3	423.2	376.3	344.1	323.8	310.3	300.6	290.2	280.7
32.00	510.4	453.8	396.5	351.3	321.9	303.4	290.4	277.7	265.7
34.00	543.7	487.7	425.0	367.8	325.0	297.0	279.5	263.8	248.8
36.00	574.3	518.1	455.2	391.5	334.6	292.7	266.8	247.3	228.7
38.00	598.3	542.9	481.0	417.3	351.9	293.6	254.0	228.0	204.2
40.00	619.4	565.0	504.0	440.1	372.8	300.8	242.6	204.1	173.3
42.00	638.0	585.6	525.6	460.5	390.9	312.3	232.2	176.8	143.0
44.00	656.2	604.6	545.2	480.7	408.2	323.6	223.9	150.4	125.0
46.00	674.4	625.3	566.1	500.2	421.8	329.4	218.1	135.3	118.2
48.00	694.4	646.9	587.7	518.1	433.8	333.3	216.2	132.4	114.7
50.00	722.4	673.7	609.3	533.6	442.3	335.8	218.7	134.1	112.1
52.00	761.4	705.9	633.2	547.2	447.8	335.4	220.6	134.0	109.7
54.00	808.5	743.1	657.5	559.3	452.9	333.4	216.5	130.0	105.6
56.00	854.7	779.3	680.7	569.4	451.8	325.3	205.4	118.9	101.6
58.00	892.8	806.5	696.9	574.4	441.8	306.1	179.1	104.8	95.6
60.00	914.9	816.5	697.9	566.4	417.6	267.7	140.7	93.7	90.6
62.00	914.9	806.5	679.7	538.1	375.2	217.2	110.3	86.7	84.5
64.00	876.8	750.2	613.0	463.6	300.6	163.7	91.1	80.6	78.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
66.00	782.5	643.6	499.9	352.7	212.8	113.1	77.9	74.6	73.4
68.00	628.0	492.7	363.6	243.9	140.2	81.8	68.8	67.5	66.4
70.00	439.4	341.9	250.5	163.3	98.8	67.7	61.7	61.5	60.4
72.00	276.8	221.2	160.4	103.8	65.1	54.4	54.7	55.0	53.5
74.00	148.7	116.0	81.3	50.2	41.5	44.6	46.7	48.4	47.6
76.00	43.3	37.4	32.9	32.8	33.8	36.0	37.1	37.1	37.2
78.00	21.9	22.2	23.2	24.1	25.7	27.6	28.5	28.4	28.8
80.00	14.2	14.3	14.7	15.2	16.3	17.7	19.5	20.5	21.4
82.00	7.8	7.8	8.1	8.2	9.1	10.3	11.8	12.8	13.8
84.00	3.7	3.4	3.4	3.7	4.3	5.2	6.1	6.8	7.4
86.00	1.0	0.9	0.9	0.9	1.1	1.4	1.7	2.0	2.3
88.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
90.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
94.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
96.00	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
98.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
100.00	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
102.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
104.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
106.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
108.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
110.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
112.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
114.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
116.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
118.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
120.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
122.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
124.00	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4
126.00	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
128.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
142.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
144.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
146.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
148.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
150.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
152.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
154.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
156.00	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
158.00	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
160.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
162.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
164.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
166.00	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
168.00	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
170.00	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
172.00	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
174.00	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
176.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	361.7	361.2	360.5	360.0	359.6	359.3	358.9	358.6	358.3
4.00	354.0	352.6	351.4	350.3	349.4	348.8	348.0	347.3	346.9
6.00	338.6	334.5	332.9	327.2	322.2	321.5	320.7	311.7	303.0
8.00	322.1	311.0	308.2	305.2	294.9	284.1	278.0	267.0	271.9
10.00	312.1	295.8	284.9	279.3	270.2	251.9	238.1	223.9	231.5
12.00	303.7	281.6	267.7	253.2	238.8	209.0	189.2	182.7	187.2
14.00	298.8	275.3	251.9	231.2	202.1	174.7	145.9	126.3	120.2
16.00	294.9	270.9	246.5	208.5	185.6	163.7	129.7	106.8	95.4
18.00	291.0	272.0	235.5	200.5	175.8	155.7	123.9	99.4	88.1
20.00	286.5	266.9	234.5	196.0	173.2	153.7	121.9	96.2	84.9
22.00	289.5	262.0	234.2	192.8	170.8	154.5	120.1	96.6	82.4
24.00	291.0	256.1	235.1	192.7	165.8	148.9	117.1	96.5	79.4
26.00	284.3	257.4	227.4	191.9	159.2	142.3	116.9	92.1	76.2
28.00	280.8	252.9	217.4	189.8	151.9	134.0	123.6	86.9	72.2
30.00	268.2	247.7	212.2	183.2	147.6	123.7	112.9	80.3	67.3
32.00	252.0	236.1	201.4	167.0	140.9	110.6	99.3	72.5	61.7
34.00	232.6	214.9	186.5	147.6	124.3	96.4	84.6	64.6	56.5
36.00	208.2	186.4	161.4	127.1	104.6	85.5	74.3	60.6	54.4
38.00	178.2	153.7	133.2	112.7	96.3	82.1	70.9	60.5	53.8
40.00	145.6	129.1	119.6	108.7	95.2	83.1	70.7	61.4	54.1
42.00	126.2	120.9	117.5	109.4	96.2	84.6	71.3	62.0	54.3
44.00	120.4	119.2	115.9	109.6	97.2	85.4	71.9	62.6	54.3
46.00	117.8	117.4	113.8	109.1	98.1	85.8	72.4	62.8	54.1
48.00	114.9	114.6	111.4	107.9	98.5	85.8	72.3	62.6	53.9
50.00	110.9	111.3	108.9	106.1	98.3	85.1	72.4	61.6	53.3
52.00	107.6	107.7	106.2	103.3	97.3	83.4	71.0	59.6	51.8
54.00	103.6	103.7	102.2	100.3	94.3	82.3	70.0	57.7	50.8
56.00	100.6	99.7	98.2	96.3	92.3	80.3	68.0	55.7	49.8
58.00	95.6	94.7	93.2	91.2	90.3	78.3	66.0	53.7	47.8
60.00	90.5	89.6	89.2	86.2	85.2	75.3	65.0	51.7	46.8
62.00	84.5	84.6	84.2	82.2	80.2	73.3	62.0	51.7	45.8
64.00	78.5	78.5	78.2	77.2	74.2	70.3	62.0	48.7	43.8
66.00	71.4	72.5	72.1	72.2	70.2	67.3	58.0	46.7	41.8
68.00	66.4	65.5	65.1	66.2	65.2	63.3	54.0	43.7	38.9
70.00	59.3	58.4	58.1	60.2	60.2	59.2	50.0	41.7	36.9
72.00	52.5	51.8	51.6	52.8	54.4	54.5	46.3	39.0	33.7
74.00	46.0	44.3	44.4	45.8	47.9	48.3	42.5	35.8	30.5
76.00	36.5	36.6	37.2	38.5	40.7	42.3	38.7	31.9	25.9
78.00	28.8	29.0	29.9	30.9	32.7	35.4	34.1	28.7	20.5
80.00	21.6	22.1	23.1	24.2	25.8	28.2	26.8	21.1	14.8
82.00	14.5	15.5	16.5	17.8	19.1	20.0	18.1	13.8	9.8
84.00	8.2	9.2	10.2	11.4	12.0	12.4	11.6	8.9	6.2
86.00	2.7	3.1	3.6	4.2	4.5	4.5	4.0	3.0	2.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
88.00	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3
90.00	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
92.00	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
94.00	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
96.00	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
98.00	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2
100.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
102.00	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
104.00	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
106.00	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
108.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
110.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
112.00	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
114.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
116.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
118.00	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
120.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
122.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
124.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
126.00	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
128.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
146.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
148.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
150.00	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4
152.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
154.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
156.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
158.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
160.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
162.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
164.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
166.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
168.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
170.00	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
174.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178.00	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5
180.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	358.3	358.3	358.3	358.5	358.7	359.0	359.2	359.8	360.3
4.00	346.9	346.9	347.3	347.8	348.4	349.0	349.7	351.0	352.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
6.00	311.0	319.5	320.1	320.3	320.8	328.1	330.9	332.7	335.4
8.00	270.7	271.7	281.9	285.2	291.5	303.5	306.2	312.8	319.3
10.00	223.5	227.6	236.4	242.9	262.0	270.3	287.3	293.0	304.5
12.00	179.9	177.6	182.1	210.3	235.5	242.8	263.4	277.9	298.9
14.00	119.7	120.9	142.9	173.9	197.8	217.4	248.6	274.0	293.2
16.00	95.5	104.4	125.8	160.6	177.5	204.3	235.6	266.6	289.0
18.00	88.9	98.1	119.2	153.3	169.6	196.3	229.7	266.1	285.1
20.00	86.3	95.2	116.1	152.1	165.0	191.5	227.2	262.0	280.4
22.00	84.4	93.3	113.4	151.4	160.4	186.7	222.9	256.8	280.8
24.00	82.0	95.3	109.8	145.8	154.5	181.5	223.2	249.6	277.4
26.00	79.3	92.1	105.5	139.2	148.2	180.3	215.4	246.2	275.6
28.00	76.2	87.1	102.3	130.9	140.9	181.6	205.6	238.8	270.7
30.00	72.7	80.6	106.2	120.3	134.1	171.0	194.4	230.5	257.1
32.00	67.6	72.0	94.7	106.1	125.5	157.4	185.7	220.6	239.3
34.00	60.3	62.8	79.7	90.9	111.8	137.4	166.6	198.3	217.4
36.00	55.6	56.4	68.8	78.5	95.3	114.0	140.0	166.9	189.2
38.00	54.5	55.0	65.8	74.6	88.2	102.0	119.7	136.3	155.4
40.00	54.8	55.1	65.7	75.0	88.0	100.9	114.1	121.7	129.5
42.00	55.4	55.4	65.6	75.8	88.8	102.0	114.0	119.2	121.1
44.00	55.7	55.3	65.3	76.4	89.1	102.7	112.8	117.2	119.3
46.00	55.5	55.0	64.4	76.9	89.2	102.9	111.3	114.8	117.1
48.00	55.4	54.9	63.6	76.9	89.0	102.7	109.3	112.1	114.2
50.00	54.6	54.8	62.7	76.8	88.8	102.0	107.1	109.5	110.6
52.00	53.4	53.4	61.2	75.5	88.2	100.3	104.2	105.9	106.5
54.00	51.4	52.4	60.2	73.4	86.2	97.3	101.2	102.9	102.6
56.00	50.4	51.4	58.2	71.4	84.2	93.3	97.1	97.9	98.6
58.00	48.4	49.3	56.2	69.4	82.2	90.3	92.1	93.9	94.6
60.00	47.4	48.3	55.2	66.4	78.2	86.3	87.1	88.9	88.6
62.00	45.4	46.3	54.2	64.4	76.2	81.3	82.1	83.9	83.6
64.00	42.3	43.3	52.2	63.4	71.2	75.3	77.1	77.9	77.7
66.00	40.3	41.3	49.2	60.4	68.2	70.2	71.1	70.9	70.7
68.00	38.3	38.3	47.2	56.3	64.2	65.2	65.1	63.9	64.7
70.00	35.3	36.3	44.2	52.3	59.2	60.2	59.1	57.9	57.7
72.00	32.1	33.0	41.1	48.3	54.5	53.9	51.8	50.8	50.3
74.00	29.0	29.8	37.4	44.4	48.4	47.1	44.9	43.6	43.2
76.00	24.6	25.4	33.4	39.9	42.0	39.6	37.7	36.5	35.5
78.00	19.4	19.5	27.4	33.8	34.8	32.6	30.4	29.3	28.2
80.00	13.6	13.8	19.6	25.8	27.7	25.5	23.7	22.5	21.4
82.00	8.4	9.0	12.9	17.3	19.3	18.6	17.2	16.0	14.9
84.00	4.1	5.5	8.2	10.8	11.8	11.5	10.8	9.7	8.7
86.00	1.2	1.9	2.7	3.7	4.2	4.1	3.6	3.1	2.4
88.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
90.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
92.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
94.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
96.00	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
98.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
100.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
102.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
104.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
106.00	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
108.00	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
110.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
112.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
114.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
116.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
118.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
120.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
122.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
124.00	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3
126.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
128.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
146.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
148.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
150.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
154.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
156.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158.00	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160.00	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
164.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
170.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172.00	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.4
174.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
176.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
0.00	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2	372.2
2.00	361.0	361.7	362.5	363.4	364.7	366.0	367.3	368.8	370.5
4.00	353.3	354.5	355.8	357.5	359.4	361.5	363.9	366.7	369.7
6.00	345.4	348.0	350.8	353.6	356.2	358.9	362.0	365.8	370.3
8.00	322.2	342.6	345.4	348.6	352.6	356.3	360.4	365.1	370.9
10.00	317.6	330.3	342.1	345.0	349.0	353.6	358.9	364.8	372.2
12.00	312.7	326.9	339.0	342.5	346.4	350.9	357.4	365.2	374.4
14.00	309.2	329.5	336.9	340.5	344.3	348.8	356.0	364.9	375.9
16.00	306.2	329.0	334.3	338.2	342.1	346.9	354.4	364.7	377.9
18.00	311.0	326.0	331.3	335.7	339.9	344.7	352.4	363.8	379.6
20.00	307.2	322.2	327.8	332.1	336.1	342.0	350.9	364.1	383.0
22.00	302.6	317.5	322.8	328.1	333.4	339.5	349.2	364.1	386.4
24.00	302.7	311.2	317.6	322.6	328.3	335.5	346.9	364.8	391.4
26.00	294.6	303.3	310.4	316.2	323.0	331.5	345.1	366.8	399.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
28.00	283.5	293.3	301.5	308.7	316.4	326.9	344.1	371.8	412.6
30.00	270.1	281.1	290.5	299.7	309.4	323.3	346.4	383.3	435.0
32.00	253.2	265.8	277.8	289.5	303.0	322.6	356.1	407.6	469.0
34.00	233.5	248.8	263.8	278.8	297.2	327.9	376.3	440.4	503.5
36.00	209.6	228.6	247.1	266.4	294.9	340.6	404.1	472.1	534.2
38.00	180.3	204.9	228.0	255.1	298.9	361.2	429.8	497.9	558.9
40.00	146.6	174.7	205.2	245.9	310.5	384.6	453.0	520.6	580.7
42.00	126.0	143.4	179.4	239.8	326.1	402.8	473.6	541.5	601.3
44.00	119.5	124.4	153.3	235.1	337.8	420.5	493.8	562.1	620.0
46.00	116.9	117.4	138.3	234.0	345.7	434.5	513.4	583.7	640.7
48.00	113.9	113.8	136.8	233.0	350.7	448.1	532.1	604.6	661.6
50.00	110.1	111.5	139.9	234.9	353.1	457.4	549.4	628.1	689.5
52.00	106.4	108.3	142.0	237.2	354.2	464.5	564.5	653.8	725.2
54.00	103.4	105.3	138.1	234.2	353.2	469.5	579.5	681.7	767.1
56.00	99.5	100.3	125.1	222.3	346.2	469.5	590.5	708.7	806.0
58.00	94.5	94.4	108.3	197.5	328.3	462.5	597.5	725.6	833.9
60.00	88.5	88.4	94.4	157.8	292.3	441.4	590.5	725.6	843.9
62.00	82.5	83.4	86.4	121.1	241.5	401.4	564.5	704.7	830.9
64.00	77.6	77.5	79.5	95.3	182.6	320.3	482.6	629.9	766.1
66.00	70.6	72.5	73.5	78.4	122.7	227.2	368.7	515.3	655.4
68.00	64.6	65.6	66.5	67.5	87.8	150.1	255.8	373.8	501.7
70.00	58.7	59.6	59.6	59.5	68.8	106.1	174.8	259.1	347.1
72.00	51.6	52.4	54.0	52.9	53.4	68.2	111.8	168.3	222.9
74.00	45.2	46.5	46.2	44.4	42.6	40.8	53.7	85.0	117.4
76.00	35.4	35.9	35.5	35.3	34.3	32.5	32.2	33.0	37.8
78.00	27.8	27.7	27.3	27.0	26.6	25.4	23.7	22.8	21.9
80.00	20.8	20.5	19.7	18.7	17.3	16.1	15.4	14.6	14.3
82.00	13.9	13.2	12.3	11.1	9.9	8.8	8.0	7.7	7.5
84.00	7.5	6.5	5.7	5.0	4.2	3.5	2.9	2.7	2.5
86.00	1.9	1.5	1.2	1.0	0.9	0.8	0.6	0.6	0.6
88.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
90.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
94.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
96.00	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
98.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
100.00	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4
102.00	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
104.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
106.00	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
108.00	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4
110.00	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
112.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
114.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
116.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
118.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
120.00	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
122.00	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
124.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
126.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
128.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD19 (Alley testapalo) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
132.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
146.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
148.00	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4
150.00	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4
152.00	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4
154.00	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4
156.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
158.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
160.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
162.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
164.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
166.00	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
168.00	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
172.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
174.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	UD19 (Alley testapalo)		
Number:	PL43761/00	**Diameter:**	0 mm
Report:	TR06001/00	**Length:**	85 mm
Test no.:	1	**Width:**	110 mm
Flux Meas:	1982.90 lm	**Height:**	0 mm
Date:	25/08/2021 10:25:36	**Operator:**	Roberto Cammertoni

Flusso zonale UD19 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
0.0	187.69	187.69	187.69	0.00	0.00	0.00	0.00
2.0	180.67	194.48	187.56	1.42	1.42	0.07	0.07
4.0	174.93	200.87	187.90	4.27	5.70	0.22	0.29
6.0	152.82	206.26	186.49	7.10	12.79	0.36	0.65
8.0	134.65	210.95	184.22	9.82	22.62	0.50	1.14
10.0	112.71	215.67	182.20	12.46	35.08	0.63	1.77
12.0	89.58	220.54	180.37	15.04	50.12	0.76	2.53
14.0	60.34	225.32	178.78	17.57	67.69	0.89	3.41
16.0	48.13	230.29	179.52	20.16	87.85	1.02	4.43
18.0	44.41	235.84	181.46	22.95	110.80	1.16	5.59
20.0	42.80	242.73	183.97	25.87	136.67	1.30	6.89
22.0	41.55	250.54	186.79	28.89	165.56	1.46	8.35
24.0	40.04	259.82	189.97	32.01	197.57	1.61	9.96
26.0	38.43	270.34	193.34	35.22	232.80	1.78	11.74
28.0	36.42	283.94	197.56	38.59	271.38	1.95	13.69
30.0	33.96	302.01	202.34	42.16	313.54	2.13	15.81
32.0	31.10	320.35	207.57	45.91	359.45	2.32	18.13
34.0	28.48	336.34	212.05	49.69	409.14	2.51	20.63
36.0	27.43	349.92	216.13	53.40	462.54	2.69	23.33
38.0	27.13	360.29	219.77	57.04	519.58	2.88	26.20
40.0	27.28	368.41	223.28	60.63	580.21	3.06	29.26
42.0	27.38	373.56	226.75	64.20	644.41	3.24	32.50
44.0	27.38	376.53	229.97	67.73	712.13	3.42	35.91
46.0	27.28	379.06	233.04	71.19	783.32	3.59	39.50
48.0	27.18	384.34	235.95	74.58	857.90	3.76	43.27
50.0	26.88	394.21	239.14	77.96	935.87	3.93	47.20
52.0	26.12	416.75	243.64	81.58	1017.45	4.11	51.31
54.0	25.62	449.47	250.17	85.75	1103.20	4.32	55.64
56.0	25.12	483.69	257.92	90.50	1193.70	4.56	60.20
58.0	24.11	518.15	268.03	95.91	1289.61	4.84	65.04
60.0	23.61	555.87	282.92	102.69	1392.30	5.18	70.22
62.0	22.88	593.39	294.83	109.87	1502.17	5.54	75.76
64.0	21.35	631.12	282.16	111.79	1613.96	5.64	81.39
66.0	20.33	656.13	247.25	104.33	1718.29	5.26	86.66
68.0	19.30	641.81	193.09	88.14	1806.42	4.44	91.10
70.0	17.79	544.92	140.43	67.70	1874.12	3.41	94.51

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale UD19 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
72.0	16.17	347.78	84.97	46.34	1920.46	2.34	96.85
74.0	13.48	150.84	46.65	27.37	1947.83	1.38	98.23
76.0	10.20	67.69	24.26	14.89	1962.72	0.75	98.98
78.0	7.20	23.64	12.93	7.88	1970.60	0.40	99.38
80.0	4.79	14.22	8.18	4.51	1975.11	0.23	99.61
82.0	2.57	10.07	5.00	2.83	1977.94	0.14	99.75
84.0	1.25	6.27	2.63	1.65	1979.59	0.08	99.83
86.0	0.29	2.29	0.87	0.76	1980.34	0.04	99.87
88.0	0.13	0.34	0.20	0.23	1980.57	0.01	99.88
90.0	0.11	0.24	0.15	0.08	1980.65	0.00	99.89
92.0	0.11	0.25	0.15	0.07	1980.72	0.00	99.89
94.0	0.11	0.25	0.16	0.07	1980.78	0.00	99.89
96.0	0.11	0.25	0.17	0.07	1980.86	0.00	99.90
98.0	0.12	0.26	0.18	0.08	1980.93	0.00	99.90
100.0	0.13	0.26	0.19	0.08	1981.01	0.00	99.90
102.0	0.13	0.26	0.20	0.08	1981.09	0.00	99.91
104.0	0.14	0.27	0.20	0.08	1981.17	0.00	99.91
106.0	0.14	0.26	0.20	0.08	1981.26	0.00	99.92
108.0	0.14	0.25	0.20	0.08	1981.34	0.00	99.92
110.0	0.15	0.26	0.21	0.08	1981.43	0.00	99.93
112.0	0.14	0.26	0.21	0.08	1981.51	0.00	99.93
114.0	0.14	0.23	0.19	0.08	1981.59	0.00	99.93
116.0	0.14	0.24	0.19	0.07	1981.66	0.00	99.94
118.0	0.13	0.23	0.19	0.07	1981.74	0.00	99.94
120.0	0.12	0.21	0.17	0.07	1981.80	0.00	99.94
122.0	0.12	0.20	0.17	0.06	1981.87	0.00	99.95
124.0	0.11	0.19	0.16	0.06	1981.93	0.00	99.95
126.0	0.10	0.18	0.15	0.06	1981.98	0.00	99.95
128.0	0.10	0.17	0.14	0.05	1982.03	0.00	99.96
130.0	0.10	0.16	0.14	0.05	1982.08	0.00	99.96
132.0	0.11	0.17	0.15	0.05	1982.13	0.00	99.96
134.0	0.11	0.16	0.14	0.05	1982.18	0.00	99.96
136.0	0.11	0.16	0.14	0.04	1982.22	0.00	99.97
138.0	0.12	0.17	0.16	0.04	1982.26	0.00	99.97
140.0	0.13	0.18	0.16	0.04	1982.31	0.00	99.97
142.0	0.13	0.20	0.16	0.04	1982.35	0.00	99.97
144.0	0.13	0.22	0.17	0.04	1982.40	0.00	99.97
146.0	0.11	0.24	0.18	0.04	1982.44	0.00	99.98
148.0	0.12	0.25	0.19	0.04	1982.48	0.00	99.98
150.0	0.12	0.26	0.20	0.04	1982.53	0.00	99.98
152.0	0.13	0.26	0.20	0.04	1982.57	0.00	99.98
154.0	0.14	0.27	0.21	0.04	1982.61	0.00	99.99
156.0	0.15	0.28	0.22	0.04	1982.65	0.00	99.99
158.0	0.16	0.29	0.22	0.04	1982.69	0.00	99.99
160.0	0.17	0.29	0.23	0.04	1982.72	0.00	99.99
162.0	0.18	0.30	0.24	0.03	1982.76	0.00	99.99

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale UD19 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
164.0	0.18	0.30	0.24	0.03	1982.79	0.00	99.99
166.0	0.19	0.30	0.24	0.03	1982.81	0.00	100.00
168.0	0.20	0.31	0.24	0.02	1982.84	0.00	100.00
170.0	0.21	0.31	0.24	0.02	1982.86	0.00	100.00
172.0	0.21	0.29	0.24	0.02	1982.87	0.00	100.00
174.0	0.22	0.27	0.24	0.01	1982.89	0.00	100.00
176.0	0.22	0.27	0.24	0.01	1982.90	0.00	100.00
178.0	0.21	0.28	0.25	0.01	1982.90	0.00	100.00
180.0	0.22	0.27	0.25	0.00	1982.90	0.00	100.00

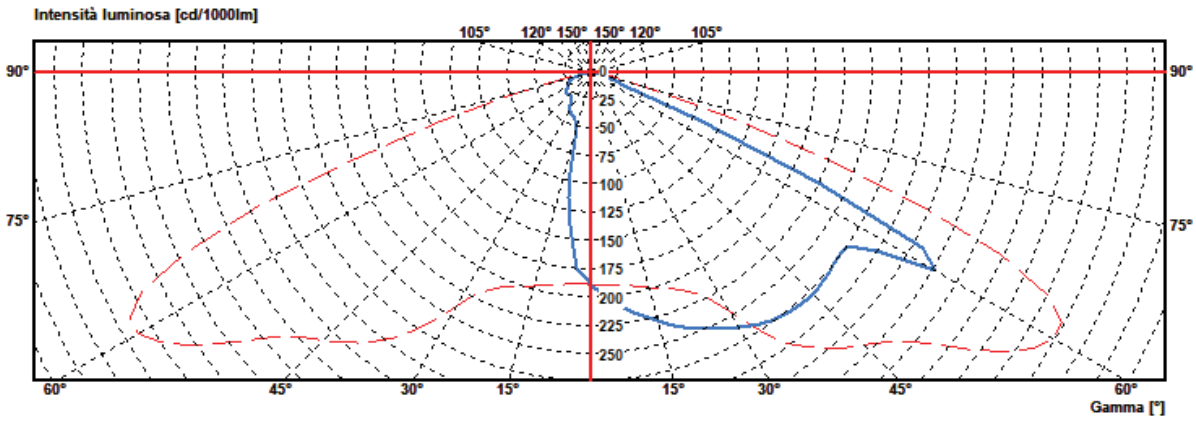
iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	UD19 (Alley testapalo)		
Number:	PL43761/00	**Diameter:**	0 mm
Report:	TR06001/00	**Length:**	85 mm
Test no.:	1	**Width:**	110 mm
Flux Meas:	1982.90 lm	**Height:**	0 mm
Date:	25/08/2021 10:25:36	**Operator:**	Roberto Cammertoni

Diagramma polare UD19 (Alley testapalo) / Total LVK



iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Goniophotometer

Photometric Test Report

MSQ08/A 03 (Last update: 2021/08/31)

Summary:

Relevant Standards
UNI EN 13032-4:2019 (par. 1, 2, 3, 4, 5, 6, 8)

Prepared for
iGuzzini

Luminaire code number
UD24

Test Report number
TR05989/00

Date
2021-09-07

Prepared by

Francesco Benedetti
Photometric Laboratory Expert

Approved by

Stefano Petrocchi
Photometric Laboratory Manager

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy

Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

General information

Test Report number: TR05989/00
Photometric file: PL43766/00

Luminaire code nr.: UD24
Product type: Alley testapalo
Product description: Outdoor luminaire with direct light street optic, designed to use LED lamps.
5 mm thick tempered sodium-calcium closure glass fixed to product with 4 screws.
Complete with circuit having monochrome LEDs and polymer optic multilayer lenses. Optic:ST1.5U

Ballast/Driver: LED POWER SUPPLY TRIDONIC LCO 60W 200-1050mA 100V NFC C ADV3

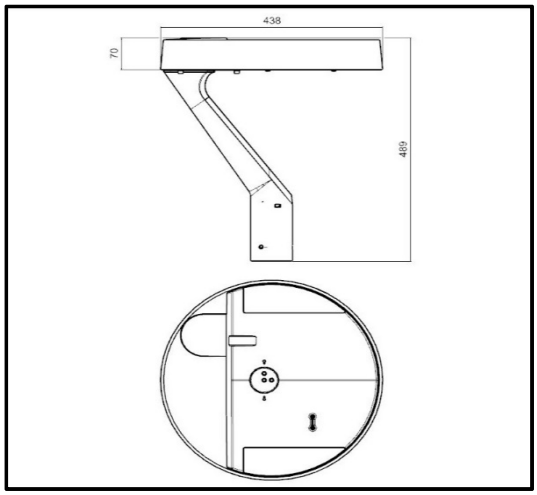
Led type: Samsung LH181B 3000 K (CRI 70 minimum)

Leds number: 72
Note: -

Electrical Ratings

Voltage:	230	[V]
Current:	-	[A]
Total System Power:	-	[W]
Frequency:	50	[Hz]

Pictures



iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Goniophotometer measurement

Test Results

Total Lumen Output:	5573.4	[lm]
Luminous efficacy:	143.4	[lm/W]

Voltage:	230.00	[V]
Current:	0.1743	[A]
Total System Power:	38.86	[W]
Power Factor:	0.97	[/]
Frequency:	50	[Hz]

Measurement uncertainties

LED type: White LED
Type of Photometry: Absolute

Electrical power: ±1%

LOR: /
Luminous flux: ±4.1%
Luminous intensity "cd" ±4.1%
Luminous intensity "cd/klm" ±3.3%
Angular deviation: ±0.5°

Luminous efficacy: ±4.2%

The relative expanded uncertainty stated above are given with a level of confidence of 95 % and are obtained by multiplying the combined uncertainty with the coverage factor k=2.

Instruments

Goniophotometer: LMT GO-DS 2000 (mirror photogoniometer); Internal code: LAS100
Last calibration date: 2019/09; Calibration due date: 2021/09.

Photometer head: LMT Photometer head SP 30 S0T-1s; Internal code: LAS319
Last calibration date: 2021/08; Calibration due date: 2023/08.

Electrical parameters: Digital Power Meter - YOKOGAWA WT 310; Internal code: LAS300
Last calibration date: 2021/05; Calibration due date: 2022/05.

Ambient temperature: Thermo Hygrometer - Deltaohm HD 206/01; Internal code: LAS316
Last calibration date: 2021/04; Calibration due date: 2022/04.

Time: Digital Timer Casio HS-3V; Internal code: LAS344
Last calibration date: 2021/01; Calibration due date: 2022/01.

Air movement: Air Velocity Transducer - TSI Incorporated 8475-300-1; Internal code: LAS215
Last calibration date: 2021/02; Calibration due date: 2022/01.

Power supply: AC Power Supply - CHROMA mod. 6408; Internal code LAS225
-

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Test procedure

The measurement of luminous intensity distribution and luminous flux, were performed by using a type 3.1 mirror goniophotometer.
The procedure assumes that the luminous area of a light source is effectively a point source (far-field).
Luminous intensity measurements are derived from illuminance measurements according to the inverse square law.
The coordinate system centre is coincident with the photometric centre of the DUT.
The angular interval between readings of intensity (C, γ) are chosen in order to permit an acceptable accuracy, determined by the nature of distribution.

Test conditions

Photometer Distance: 14.676 m
Ambient temperature: 25°C±1.2°C
Air movement in the test area: < 0.2 m/s
Photometric centre: Center of the light emitting surface
Luminaire position: Light emitting surface downward.
Preburning time: 0 h 30 min
Source stabilization time: 0 h 31 min
Total operating time: 1 h 49 min
Stray Light Screening: Stray light screening according to UNI EN 13032-4:2019 (Annex B)

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

RISULTATI FOTOMETRICI

Name:	UD24 (Alley testapalo)		
Number:	PL43766/00	**Diameter:**	0 mm
Report:	TR05989/00	**Length:**	168 mm
Test no.:	1	**Width:**	165 mm
Flux Meas:	5573.40 lm	**Height:**	0 mm
Date:	02/09/2021 11:51:47	**Operator:**	Roberto Cammertoni

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	910.2	913.2	919.1	927.1	935.0	938.1	939.0	942.0	950.0
4.00	890.4	903.2	915.2	923.1	937.0	944.1	957.8	966.8	978.0
6.00	907.3	927.1	940.0	950.0	960.9	971.1	988.6	1000.5	1016.8
8.00	909.2	933.1	950.0	963.9	979.8	998.1	1023.4	1038.3	1068.7
10.00	922.1	953.9	980.8	1000.7	1021.5	1042.0	1071.0	1096.8	1126.5
12.00	944.9	977.8	1006.7	1030.6	1060.2	1094.0	1111.7	1133.5	1167.4
14.00	961.7	989.7	1026.6	1062.4	1098.0	1126.9	1152.4	1181.2	1209.2
16.00	969.6	1010.6	1053.4	1097.2	1139.7	1166.9	1198.1	1223.9	1239.1
18.00	984.4	1032.4	1082.3	1132.0	1171.5	1220.9	1239.7	1257.6	1272.0
20.00	1001.3	1053.3	1114.1	1179.8	1225.2	1255.8	1274.5	1291.4	1306.9
22.00	1024.0	1085.1	1155.9	1212.6	1262.9	1293.8	1312.2	1329.1	1342.8
24.00	1045.8	1115.9	1188.7	1252.4	1305.7	1338.7	1356.9	1372.8	1384.7
26.00	1066.6	1148.7	1230.5	1301.1	1358.3	1391.7	1407.5	1419.4	1429.6
28.00	1100.2	1199.4	1292.2	1369.8	1428.9	1458.6	1469.0	1477.0	1481.4
30.00	1157.6	1272.9	1376.7	1459.3	1517.3	1543.6	1547.4	1545.5	1540.2
32.00	1245.6	1373.2	1482.2	1565.7	1623.6	1645.5	1644.7	1632.8	1614.0
34.00	1345.6	1476.6	1586.6	1669.2	1726.0	1747.4	1743.0	1726.1	1698.7
36.00	1445.5	1575.0	1683.1	1760.7	1817.4	1839.3	1836.3	1819.4	1789.4
38.00	1527.6	1656.4	1762.7	1840.3	1894.9	1914.2	1913.7	1902.8	1875.2
40.00	1600.8	1727.0	1829.3	1901.9	1952.5	1974.2	1976.2	1969.3	1953.9
42.00	1665.1	1787.6	1883.0	1950.7	1997.3	2014.1	2019.9	2020.9	2012.7
44.00	1728.5	1846.2	1934.8	1991.5	2031.0	2040.1	2044.7	2050.7	2055.6
46.00	1790.8	1901.9	1983.5	2030.3	2059.9	2059.1	2056.6	2062.6	2074.5
48.00	1861.0	1964.5	2039.2	2074.0	2088.7	2074.1	2064.6	2068.6	2084.5
50.00	1945.1	2045.0	2109.8	2130.7	2125.4	2091.0	2070.5	2069.6	2089.5
52.00	2056.9	2163.2	2222.2	2229.2	2199.0	2132.0	2082.5	2069.6	2087.5
54.00	2190.5	2326.2	2394.3	2403.3	2350.0	2236.9	2133.1	2081.5	2081.5
56.00	2334.0	2501.1	2591.3	2614.2	2568.6	2433.7	2269.1	2138.0	2084.5
58.00	2458.6	2660.0	2782.3	2831.0	2808.1	2682.5	2508.3	2293.9	2132.4
60.00	2531.8	2774.3	2934.5	3025.0	3052.5	2965.2	2807.0	2569.8	2285.9
62.00	2534.8	2820.0	3020.0	3157.3	3251.3	3240.0	3139.6	2913.3	2569.0
64.00	2421.0	2756.4	2989.2	3162.3	3344.7	3469.7	3469.1	3315.3	2995.7
66.00	2148.0	2517.9	2769.4	2931.5	3167.8	3463.8	3665.6	3674.6	3486.1
68.00	1720.5	2072.8	2337.6	2449.0	2647.1	3018.2	3469.1	3774.8	3723.4
70.00	1208.0	1493.5	1744.8	1805.5	1901.9	2208.9	2771.3	3311.3	3348.6
72.00	745.0	903.2	1072.3	1101.2	1145.7	1315.8	1699.3	2221.4	2413.5
74.00	355.2	449.1	546.1	616.7	674.7	753.3	898.3	1074.0	1131.5
76.00	108.4	134.5	183.4	255.1	336.0	377.0	426.5	476.0	437.3
78.00	59.5	58.6	63.4	69.0	82.5	109.4	138.7	168.7	186.5
80.00	40.7	40.2	40.9	42.5	45.3	50.2	53.8	65.4	74.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
82.00	22.5	23.0	23.5	23.7	26.0	29.1	32.1	35.5	38.0
84.00	9.0	9.4	9.5	10.4	11.2	13.2	15.2	17.4	19.1
86.00	1.7	1.8	2.2	2.5	2.9	3.5	4.2	5.2	6.3
88.00	0.3	0.3	0.4	0.5	0.5	0.6	0.8	0.9	1.1
90.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4
92.00	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4
94.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
96.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
98.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4
100.00	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4
102.00	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.4
104.00	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4
106.00	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4
108.00	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4
110.00	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.4
112.00	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.4
114.00	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3
116.00	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3
118.00	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3
120.00	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
122.00	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2
124.00	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2
126.00	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1
128.00	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1
130.00	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
132.00	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
134.00	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
136.00	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
138.00	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.00	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
142.00	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3
144.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
146.00	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3
148.00	0.6	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3
150.00	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3
152.00	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
154.00	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
156.00	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4
158.00	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
160.00	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4
162.00	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
164.00	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5
166.00	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5
168.00	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
170.00	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
172.00	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
174.00	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
176.00	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6
178.00	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6
180.00	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	961.1	960.9	965.0	967.0	972.9	981.9	981.0	982.1	982.9
4.00	985.1	989.7	1003.9	1015.8	1022.7	1026.8	1026.9	1037.0	1040.6
6.00	1036.2	1045.3	1056.7	1072.7	1079.5	1095.6	1098.8	1102.0	1105.4
8.00	1086.2	1094.0	1105.6	1128.5	1135.2	1144.4	1152.7	1156.9	1160.1
10.00	1139.2	1156.6	1174.3	1180.3	1185.0	1191.3	1193.6	1195.9	1198.0
12.00	1181.2	1195.4	1202.3	1206.2	1209.9	1215.2	1215.5	1219.9	1221.9
14.00	1219.2	1223.2	1227.2	1230.2	1232.8	1238.1	1237.5	1241.8	1244.8
16.00	1248.2	1251.0	1254.1	1255.1	1256.7	1260.1	1259.5	1262.8	1265.7
18.00	1277.2	1280.8	1282.0	1282.0	1282.6	1284.0	1281.4	1284.8	1288.6
20.00	1312.2	1311.6	1313.9	1310.9	1309.5	1309.9	1306.4	1308.8	1312.5
22.00	1347.2	1345.4	1344.8	1340.8	1338.4	1336.8	1332.3	1332.8	1336.4
24.00	1386.2	1383.2	1379.7	1374.7	1369.2	1365.7	1358.3	1356.7	1360.3
26.00	1428.2	1422.9	1418.6	1408.6	1401.1	1395.7	1386.2	1382.7	1385.2
28.00	1476.2	1467.6	1459.5	1445.5	1436.0	1426.6	1415.1	1410.7	1412.1
30.00	1528.2	1514.3	1502.3	1485.4	1471.8	1458.5	1442.1	1435.7	1437.0
32.00	1589.2	1567.0	1552.2	1529.2	1509.7	1491.4	1472.0	1462.6	1461.9
34.00	1659.3	1624.6	1602.0	1574.1	1548.5	1525.3	1500.0	1486.6	1484.8
36.00	1741.3	1690.2	1653.9	1622.0	1590.3	1559.1	1527.9	1513.6	1510.7
38.00	1827.3	1765.7	1714.7	1672.8	1635.1	1597.0	1558.8	1537.6	1531.6
40.00	1912.3	1849.2	1779.5	1717.7	1671.0	1622.0	1576.8	1551.5	1542.5
42.00	1981.3	1922.7	1844.3	1765.5	1711.8	1656.8	1604.8	1572.5	1560.4
44.00	2037.3	1991.3	1920.0	1820.3	1749.7	1684.8	1622.7	1584.5	1569.4
46.00	2073.3	2046.9	1986.8	1877.2	1783.5	1708.7	1638.7	1594.5	1575.4
48.00	2094.3	2086.7	2042.6	1938.0	1824.3	1735.6	1654.7	1603.5	1579.4
50.00	2105.3	2107.6	2083.5	1995.8	1869.1	1764.5	1670.6	1611.5	1583.3
52.00	2109.3	2123.5	2114.4	2047.6	1922.9	1797.4	1687.6	1618.5	1586.3
54.00	2105.3	2128.4	2139.3	2092.5	1980.7	1837.3	1712.5	1631.5	1591.3
56.00	2099.3	2131.4	2158.3	2134.4	2044.4	1891.1	1747.5	1651.5	1599.3
58.00	2101.3	2141.3	2180.2	2175.2	2119.1	1980.8	1828.3	1732.4	1682.9
60.00	2140.3	2147.3	2228.1	2286.9	2318.3	2254.0	2110.7	2008.1	1945.8
62.00	2273.3	2222.8	2361.6	2524.1	2650.9	2684.6	2483.0	2253.9	2094.2
64.00	2644.4	2498.1	2613.9	2650.7	2578.2	2379.6	2025.9	1736.4	1560.4
66.00	3167.5	2685.9	2291.9	2046.6	1864.2	1624.9	1292.4	1049.0	909.2
68.00	3189.5	2372.9	1661.8	1249.1	971.9	724.7	515.0	390.6	334.6
70.00	2764.4	1801.5	933.1	472.5	292.8	226.3	190.6	179.8	182.2
72.00	1899.3	903.2	320.0	179.4	159.3	154.5	147.7	147.9	149.4
74.00	761.1	264.3	143.6	133.6	128.5	126.6	121.8	119.9	119.5
76.00	251.4	125.9	108.2	102.7	105.2	99.2	98.0	95.8	94.7
78.00	121.1	84.0	79.5	77.7	76.9	75.0	74.8	73.8	72.4
80.00	65.7	57.1	56.1	59.9	55.6	54.6	53.8	53.2	52.2
82.00	37.0	35.8	35.8	34.3	36.5	35.3	34.9	34.8	34.7
84.00	19.3	19.4	19.8	19.5	21.7	20.0	19.8	20.1	20.0
86.00	7.3	7.7	8.2	7.9	8.3	8.3	8.5	8.8	8.8
88.00	1.3	1.5	1.9	2.2	2.4	2.6	2.7	2.8	2.8
90.00	0.4	0.5	0.7	0.9	0.9	1.0	1.0	1.1	1.1
92.00	0.4	0.5	0.7	0.8	0.9	1.0	1.0	1.1	1.1
94.00	0.5	0.6	0.7	0.9	0.9	1.0	1.0	1.1	1.1
96.00	0.5	0.6	0.7	0.9	0.9	0.9	1.0	1.1	1.1
98.00	0.5	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.1
100.00	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1
102.00	0.5	0.6	0.7	0.8	0.8	0.8	1.0	1.0	1.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
104.00	0.5	0.6	0.7	0.7	0.7	0.8	0.9	1.0	1.0
106.00	0.5	0.6	0.6	0.6	0.7	0.7	0.9	1.0	1.0
108.00	0.5	0.5	0.6	0.6	0.6	0.6	0.9	0.9	1.0
110.00	0.4	0.5	0.5	0.5	0.5	0.5	0.8	0.9	0.9
112.00	0.4	0.4	0.5	0.5	0.4	0.5	0.8	0.9	0.9
114.00	0.4	0.4	0.4	0.4	0.3	0.5	0.8	0.8	0.8
116.00	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.7	0.7
118.00	0.3	0.3	0.3	0.2	0.4	0.6	0.6	0.7	0.7
120.00	0.3	0.2	0.2	0.2	0.4	0.6	0.6	0.6	0.6
122.00	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5
124.00	0.2	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5
126.00	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5
128.00	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
130.00	0.1	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.4
132.00	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4
134.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
136.00	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.00	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
150.00	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
152.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154.00	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
158.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.00	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
164.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
166.00	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
168.00	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
170.00	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8
172.00	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
174.00	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
176.00	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
178.00	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
180.00	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	988.7	988.0	983.2	982.2	981.2	978.3	971.3	970.3	968.3
4.00	1042.4	1041.9	1041.3	1035.3	1025.3	1023.5	1019.4	999.3	990.3
6.00	1107.9	1106.8	1107.4	1105.4	1101.4	1088.7	1078.5	1057.5	1050.4
8.00	1163.6	1162.6	1163.4	1159.4	1150.4	1147.9	1141.7	1120.6	1109.6
10.00	1202.3	1202.6	1204.5	1207.5	1203.5	1204.1	1200.8	1197.8	1173.7
12.00	1226.2	1226.5	1230.5	1233.5	1232.5	1233.2	1231.9	1231.9	1227.9
14.00	1249.0	1250.5	1254.6	1257.6	1257.6	1259.3	1260.9	1262.9	1261.9
16.00	1270.9	1272.4	1277.6	1281.6	1282.6	1287.4	1291.0	1295.0	1295.0
18.00	1293.8	1296.4	1301.6	1306.6	1309.6	1315.5	1322.1	1328.1	1330.1
20.00	1317.6	1320.3	1325.6	1332.7	1338.7	1346.6	1354.2	1363.2	1368.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
22.00	1342.4	1346.3	1351.7	1360.7	1368.7	1378.7	1388.2	1400.3	1408.3
24.00	1367.3	1371.2	1378.7	1389.7	1400.7	1413.8	1427.3	1442.4	1452.4
26.00	1393.1	1397.2	1406.7	1420.8	1433.8	1450.0	1467.4	1486.5	1502.5
28.00	1419.9	1424.1	1435.8	1452.8	1469.8	1490.1	1512.5	1536.6	1556.6
30.00	1444.8	1449.1	1462.8	1484.8	1505.9	1532.2	1560.6	1589.7	1614.8
32.00	1469.6	1476.0	1492.9	1517.9	1544.9	1577.4	1611.8	1647.8	1681.9
34.00	1493.5	1501.0	1520.9	1550.9	1583.0	1623.5	1664.9	1708.0	1756.1
36.00	1519.3	1526.9	1549.9	1584.0	1624.0	1672.7	1719.0	1777.1	1839.3
38.00	1539.2	1549.9	1578.0	1619.0	1668.1	1725.9	1781.1	1851.3	1922.5
40.00	1551.1	1562.8	1595.0	1642.0	1700.1	1768.0	1841.3	1933.5	2001.7
42.00	1568.0	1582.8	1620.0	1673.1	1738.2	1815.2	1901.4	2000.7	2060.8
44.00	1576.0	1593.8	1636.0	1697.1	1773.2	1862.4	1966.6	2062.8	2108.9
46.00	1580.9	1601.8	1649.0	1717.1	1801.2	1908.5	2026.7	2110.9	2147.0
48.00	1584.9	1608.7	1661.1	1736.2	1832.3	1959.7	2076.8	2146.0	2165.0
50.00	1587.9	1613.7	1671.1	1755.2	1867.3	2010.9	2117.9	2166.0	2172.1
52.00	1587.9	1616.7	1678.1	1776.2	1907.4	2058.0	2148.0	2180.1	2176.1
54.00	1591.8	1623.7	1693.1	1805.2	1953.4	2100.2	2167.0	2188.1	2173.1
56.00	1596.8	1633.7	1717.1	1845.3	2010.5	2140.3	2185.1	2192.1	2165.0
58.00	1681.3	1715.5	1796.2	1926.4	2088.6	2182.5	2204.1	2201.1	2166.0
60.00	1938.6	1983.0	2081.6	2217.7	2330.9	2328.0	2277.3	2216.2	2174.1
62.00	2060.9	2157.6	2365.9	2623.3	2721.4	2625.0	2468.7	2310.4	2269.3
64.00	1522.3	1613.7	1834.3	2172.7	2453.0	2598.9	2650.2	2585.0	2599.0
66.00	877.4	947.1	1111.4	1383.7	1665.1	1882.4	2101.9	2440.7	2979.9
68.00	321.0	338.3	405.5	538.7	743.9	994.4	1325.1	1901.4	2793.5
70.00	185.8	180.6	182.2	195.2	228.3	297.0	544.3	1193.8	2222.2
72.00	152.0	148.7	148.2	149.2	155.2	160.5	193.5	406.9	1251.9
74.00	123.2	119.8	120.1	122.2	127.2	127.4	133.3	156.4	375.9
76.00	95.2	95.0	96.1	98.2	99.8	101.9	103.4	112.5	153.6
78.00	72.2	72.8	74.3	74.8	75.2	79.0	80.3	82.3	95.0
80.00	52.4	53.1	54.1	54.0	54.3	55.4	54.7	58.0	62.4
82.00	34.5	35.0	35.1	35.2	35.5	36.5	35.4	36.2	37.4
84.00	20.1	20.3	20.4	20.2	20.4	21.6	20.4	20.3	20.2
86.00	9.0	9.0	9.1	8.8	8.7	8.7	8.4	8.6	8.3
88.00	2.9	2.9	2.8	2.7	2.6	2.4	2.2	1.9	1.6
90.00	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6
92.00	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6
94.00	1.1	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
96.00	1.1	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
98.00	1.1	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
100.00	1.1	1.1	1.0	1.0	0.8	0.7	0.7	0.7	0.6
102.00	1.1	1.0	1.0	1.0	0.8	0.7	0.7	0.7	0.6
104.00	1.0	1.0	1.0	0.9	0.8	0.6	0.6	0.6	0.6
106.00	1.0	1.0	1.0	0.9	0.7	0.6	0.6	0.6	0.6
108.00	1.0	0.9	0.9	0.9	0.7	0.5	0.5	0.5	0.5
110.00	0.9	0.9	0.9	0.8	0.6	0.5	0.5	0.5	0.5
112.00	0.9	0.8	0.8	0.8	0.6	0.4	0.4	0.4	0.4
114.00	0.8	0.8	0.8	0.7	0.6	0.4	0.4	0.4	0.4
116.00	0.7	0.7	0.7	0.7	0.6	0.4	0.3	0.3	0.3
118.00	0.7	0.7	0.7	0.6	0.6	0.4	0.3	0.3	0.3
120.00	0.6	0.6	0.6	0.6	0.6	0.5	0.3	0.2	0.2
122.00	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.2	0.2
124.00	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
126.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.2	0.1
128.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
130.00	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
132.00	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
134.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
146.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
148.00	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4
150.00	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
152.00	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5
154.00	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
156.00	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
158.00	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6
160.00	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
162.00	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7
164.00	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
166.00	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
168.00	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9
170.00	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	0.9
172.00	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	0.9
174.00	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
176.00	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
178.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
180.00	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	965.2	962.2	959.3	956.2	949.2	940.3	936.2	932.2	930.2
4.00	984.3	978.2	972.3	967.3	963.2	947.3	939.2	926.2	898.0
6.00	1032.4	1016.3	1002.4	992.3	972.2	963.4	952.3	941.2	920.1
8.00	1098.6	1071.3	1052.6	1028.4	1009.3	994.6	980.3	964.2	941.3
10.00	1158.7	1139.4	1113.8	1088.5	1058.3	1039.8	1018.5	989.3	961.4
12.00	1208.8	1188.5	1161.0	1145.7	1117.4	1078.0	1051.6	1017.4	989.5
14.00	1256.9	1236.5	1222.2	1185.8	1158.4	1120.3	1083.7	1048.4	1015.7
16.00	1292.0	1285.6	1272.3	1246.9	1210.5	1175.6	1122.8	1083.5	1032.8
18.00	1328.1	1323.6	1314.5	1305.0	1266.6	1218.8	1180.0	1122.6	1062.9
20.00	1368.2	1366.7	1358.6	1350.1	1323.6	1289.2	1219.2	1164.7	1097.1
22.00	1411.3	1411.7	1405.8	1400.3	1372.7	1336.5	1288.4	1214.8	1140.4
24.00	1461.4	1464.8	1461.0	1459.4	1433.8	1398.8	1346.6	1280.0	1203.7
26.00	1514.5	1523.9	1525.2	1529.6	1508.9	1475.2	1421.9	1349.1	1261.1
28.00	1574.7	1592.0	1602.5	1616.8	1605.0	1576.8	1523.2	1445.4	1347.5
30.00	1641.8	1672.1	1696.8	1723.0	1716.1	1688.4	1634.6	1556.6	1453.1
32.00	1723.0	1767.2	1801.2	1830.3	1822.3	1798.1	1748.0	1670.9	1567.8
34.00	1810.2	1861.3	1891.5	1921.5	1915.4	1892.6	1846.3	1771.1	1670.3
36.00	1899.4	1945.4	1973.7	2000.7	1995.5	1973.0	1931.6	1862.3	1762.9
38.00	1976.6	2014.5	2038.0	2062.8	2057.6	2038.4	1997.8	1931.5	1837.3
40.00	2043.8	2072.6	2087.1	2112.9	2102.6	2084.7	2051.0	1993.6	1902.6
42.00	2094.9	2114.6	2122.2	2141.0	2136.6	2123.9	2097.2	2045.8	1961.0

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
44.00	2134.0	2139.7	2143.3	2162.0	2160.7	2157.1	2139.3	2098.9	2020.3
46.00	2152.0	2150.7	2152.4	2173.1	2180.7	2187.2	2182.5	2152.0	2082.6
48.00	2164.0	2154.7	2153.4	2179.1	2200.7	2223.4	2235.6	2219.2	2160.1
50.00	2166.0	2154.7	2153.4	2189.1	2235.8	2286.8	2317.9	2314.4	2263.7
52.00	2162.0	2150.7	2159.4	2231.2	2325.9	2414.5	2460.4	2459.7	2402.4
54.00	2154.0	2150.7	2210.5	2354.5	2498.1	2601.5	2645.0	2631.1	2558.3
56.00	2147.0	2190.7	2357.1	2561.0	2712.4	2801.7	2823.6	2792.5	2696.1
58.00	2169.0	2329.9	2598.9	2802.5	2935.6	2996.8	2984.2	2928.8	2804.7
60.00	2280.3	2585.2	2879.8	3069.1	3162.9	3172.7	3113.6	3025.0	2867.0
62.00	2514.9	2898.6	3181.9	3339.8	3360.2	3292.4	3176.8	3052.1	2863.0
64.00	2918.8	3275.1	3512.0	3575.3	3467.3	3276.3	3102.6	2957.9	2736.3
66.00	3420.0	3654.5	3741.8	3610.4	3307.1	2999.8	2816.6	2686.3	2437.6
68.00	3513.2	3805.7	3651.5	3240.5	2770.4	2458.7	2345.0	2234.2	1964.0
70.00	3067.1	3377.2	3083.5	2449.7	1977.5	1743.7	1687.8	1612.8	1373.7
72.00	2167.0	2370.9	1977.8	1487.5	1204.5	1090.1	1057.6	996.3	857.8
74.00	946.2	1133.4	1010.5	851.0	752.9	693.9	623.1	530.2	434.4
76.00	351.7	485.3	476.8	444.2	415.0	334.4	239.0	165.5	122.5
78.00	172.8	214.8	175.2	134.7	104.8	76.7	70.0	65.4	60.4
80.00	79.3	71.5	60.1	51.9	49.5	45.6	44.7	41.6	41.3
82.00	37.6	37.4	35.1	32.1	28.8	26.4	24.7	24.3	23.9
84.00	20.2	19.4	17.8	15.9	14.0	12.1	11.3	10.5	10.2
86.00	7.9	6.7	5.6	4.6	3.8	3.3	2.9	2.6	2.2
88.00	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.4	0.3
90.00	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2
92.00	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
94.00	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
96.00	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4
98.00	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5
100.00	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5
102.00	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6
104.00	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.6	0.6
106.00	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.6	0.7
108.00	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7
110.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.8
112.00	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8
114.00	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.7
116.00	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7
118.00	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7
120.00	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6
122.00	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5
124.00	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5
126.00	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
128.00	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.4
130.00	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3
132.00	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
134.00	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
136.00	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3
138.00	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
142.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
144.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6
146.00	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
148.00	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7
150.00	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
152.00	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8
154.00	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
156.00	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9
158.00	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9
160.00	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0
162.00	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0
164.00	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0
166.00	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
168.00	0.9	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.1
170.00	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1
172.00	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.0	1.0
174.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
176.00	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
178.00	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
180.00	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	926.2	924.2	915.1	903.0	898.0	893.0	883.9	872.8	869.8
4.00	889.8	884.0	883.9	878.9	857.7	844.7	847.7	835.6	831.5
6.00	910.0	875.9	849.7	840.6	832.5	810.5	793.4	784.2	763.9
8.00	911.1	894.0	864.8	844.6	835.5	811.5	779.4	754.0	731.7
10.00	933.3	901.1	883.9	850.7	820.4	791.4	764.3	745.0	723.6
12.00	958.5	916.1	889.9	861.8	835.5	792.4	768.3	728.9	707.5
14.00	979.7	955.3	908.1	881.9	838.5	809.5	774.3	738.9	697.4
16.00	998.9	962.3	926.2	892.0	863.7	834.7	785.4	746.0	703.5
18.00	1021.2	969.4	941.3	902.0	863.7	837.7	796.5	760.1	708.5
20.00	1044.4	1003.5	953.4	911.1	878.8	840.7	794.4	753.0	712.5
22.00	1061.6	1011.6	973.5	936.3	890.9	841.7	801.5	751.0	701.4
24.00	1111.0	1035.7	976.5	936.3	898.0	849.8	797.5	744.0	692.4
26.00	1165.6	1074.8	1003.7	942.3	895.0	852.8	800.5	748.0	685.3
28.00	1231.2	1124.1	1036.9	961.4	904.0	846.7	800.5	732.9	674.2
30.00	1327.2	1196.4	1078.2	985.6	908.1	842.7	785.4	724.8	652.1
32.00	1437.3	1297.8	1150.7	1022.8	922.2	837.7	764.3	697.7	628.9
34.00	1541.3	1399.3	1242.3	1084.2	943.3	833.7	740.1	666.5	590.6
36.00	1635.3	1492.7	1329.9	1162.8	989.7	832.7	711.0	617.1	534.1
38.00	1713.0	1574.1	1412.4	1238.3	1050.2	846.7	683.8	562.8	468.6
40.00	1782.7	1647.4	1486.9	1309.7	1108.6	878.9	650.6	495.3	399.1
42.00	1844.3	1712.7	1553.4	1372.2	1161.0	906.1	625.5	433.9	356.8
44.00	1910.0	1783.0	1619.8	1429.5	1202.3	925.2	611.4	392.6	340.6
46.00	1980.7	1854.4	1685.3	1480.9	1233.6	937.2	606.4	380.5	333.6
48.00	2060.5	1930.7	1749.7	1528.2	1258.8	944.3	611.4	381.5	325.5
50.00	2159.5	2016.1	1813.1	1567.5	1276.9	947.3	616.4	382.6	317.5
52.00	2282.7	2109.5	1874.5	1597.7	1283.0	938.2	607.4	372.5	309.4
54.00	2407.9	2198.9	1927.9	1615.8	1269.9	909.1	575.2	348.3	298.3
56.00	2516.0	2274.2	1969.2	1618.8	1236.6	854.8	514.9	313.1	285.2
58.00	2593.8	2320.4	1985.3	1602.7	1185.2	772.3	428.4	281.9	270.1
60.00	2621.1	2318.4	1957.1	1542.3	1088.5	652.6	342.9	260.7	255.0
62.00	2576.6	2234.1	1841.3	1404.4	931.2	517.9	285.6	243.6	239.9
64.00	2392.8	2000.0	1576.5	1131.6	702.5	385.2	245.4	226.5	222.7

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
66.00	2068.6	1661.5	1243.3	839.6	487.8	275.5	215.2	210.4	208.6
68.00	1617.1	1252.6	906.1	578.9	341.7	216.2	191.1	190.3	185.4
70.00	1122.2	880.0	632.2	400.7	245.9	176.0	166.9	169.1	165.3
72.00	723.2	571.6	395.6	247.7	160.2	143.8	148.8	150.0	146.1
74.00	346.4	266.2	186.2	122.8	109.9	116.7	120.7	122.8	120.9
76.00	103.3	92.3	87.9	86.3	87.6	90.6	91.3	92.2	91.0
78.00	62.0	61.8	63.4	63.2	65.0	65.0	65.6	65.7	66.0
80.00	41.1	42.2	42.2	41.9	40.9	41.7	43.4	44.2	44.7
82.00	23.9	24.0	24.3	22.9	23.4	24.6	25.7	26.2	26.6
84.00	10.2	9.8	9.5	9.7	10.2	10.9	11.7	12.1	12.5
86.00	2.1	2.0	1.9	2.1	2.3	2.4	2.5	2.7	2.9
88.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
90.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
92.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
94.00	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
96.00	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.5
98.00	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.6
100.00	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.7
102.00	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.8
104.00	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.8
106.00	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
108.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
110.00	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.7	0.7
112.00	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.7
114.00	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.6	0.6
116.00	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
118.00	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
120.00	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
122.00	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
124.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
126.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
128.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
134.00	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
144.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
146.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
148.00	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
150.00	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7
152.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
154.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
156.00	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9
158.00	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.9
160.00	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
162.00	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
164.00	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9
166.00	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8
168.00	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.8

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
170.00	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.7
172.00	1.0	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.7
174.00	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
176.00	0.8	0.9	0.9	0.8	0.8	0.8	0.7	0.8	0.8
178.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
180.00	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	867.7	865.8	862.8	860.7	858.7	857.9	846.7	856.1	854.9
4.00	826.4	815.4	811.4	813.4	806.4	793.6	793.3	797.0	797.7
6.00	780.1	784.2	756.0	745.0	740.9	752.4	737.9	737.9	742.5
8.00	726.6	709.7	691.6	686.6	681.6	677.0	691.6	686.9	703.4
10.00	707.5	671.5	637.3	642.3	630.2	625.8	632.2	637.8	658.2
12.00	673.2	653.4	615.1	586.9	579.9	581.6	579.9	573.7	597.0
14.00	664.2	621.1	592.0	550.7	530.5	506.3	518.5	521.6	544.9
16.00	658.1	595.0	558.7	534.6	490.3	477.1	479.2	488.6	509.7
18.00	654.1	600.0	543.6	514.4	495.3	461.1	448.0	470.6	490.7
20.00	660.1	595.0	541.6	502.4	474.2	454.0	438.9	451.6	472.6
22.00	660.1	598.0	533.6	487.3	459.1	454.0	422.8	431.5	452.5
24.00	646.0	585.9	531.6	477.2	445.0	426.9	401.7	406.5	426.5
26.00	626.9	567.8	517.5	461.1	422.8	397.8	383.6	377.5	395.4
28.00	610.7	544.6	494.3	442.0	392.6	366.7	369.5	341.4	355.2
30.00	585.5	518.5	458.1	410.7	359.4	328.5	325.2	300.4	309.1
32.00	550.3	480.2	414.8	364.4	320.1	289.3	278.9	258.3	261.9
34.00	505.9	429.9	365.4	316.1	280.9	253.1	244.6	231.3	230.8
36.00	450.5	372.5	318.1	279.9	254.7	235.1	228.5	220.3	219.8
38.00	388.0	329.2	294.0	266.8	246.6	231.0	223.5	218.3	216.7
40.00	345.7	315.1	289.9	266.8	245.6	230.0	222.5	219.3	214.7
42.00	332.6	315.1	290.9	266.8	245.6	230.0	221.5	218.3	213.7
44.00	329.6	314.1	290.9	266.8	244.6	229.0	219.5	217.3	211.7
46.00	324.5	311.1	288.9	265.8	243.6	228.0	216.4	214.3	208.7
48.00	317.5	306.0	286.9	263.8	242.6	225.0	213.4	210.3	205.7
50.00	310.4	301.0	283.9	261.7	239.6	220.0	210.4	204.3	199.7
52.00	302.3	294.0	278.9	257.7	234.6	215.0	203.4	196.2	191.7
54.00	294.3	285.9	271.8	250.7	227.5	206.9	196.3	188.2	184.6
56.00	282.2	275.8	261.7	241.6	221.5	199.9	188.3	179.2	175.6
58.00	268.1	262.8	250.7	231.5	213.4	190.9	179.2	170.2	167.6
60.00	253.0	248.7	237.6	221.5	202.4	181.8	171.1	164.2	162.6
62.00	237.8	232.6	223.5	209.4	190.3	172.8	164.1	159.2	154.5
64.00	219.7	215.4	207.4	196.3	179.2	162.7	156.0	146.2	141.5
66.00	200.6	197.3	189.3	183.2	167.1	154.7	141.9	135.2	131.4
68.00	181.4	176.2	171.1	167.1	156.0	141.6	128.9	123.2	119.4
70.00	163.3	156.0	151.0	149.0	143.0	130.6	115.8	112.1	108.4
72.00	139.1	134.9	130.9	129.9	125.8	115.5	103.7	100.1	94.3
74.00	115.9	111.7	109.7	109.7	107.7	99.4	90.6	87.1	81.3
76.00	88.9	88.0	88.8	89.2	88.2	83.4	78.4	73.0	65.7
78.00	65.7	65.6	67.3	68.4	68.6	65.9	62.3	54.2	48.4
80.00	45.3	46.0	48.7	49.7	50.0	48.7	43.5	35.6	31.9
82.00	27.2	28.3	30.1	32.1	32.0	30.3	26.8	22.2	20.0
84.00	13.4	14.2	15.1	16.0	15.7	15.1	13.6	11.7	9.5
86.00	3.1	3.3	3.6	3.9	3.7	3.2	2.6	2.2	1.7

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
88.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
90.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92.00	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94.00	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1
96.00	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1
98.00	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
100.00	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2
102.00	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2
104.00	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.3
106.00	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3
108.00	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4
110.00	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
112.00	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5
114.00	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4
116.00	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4
118.00	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4
120.00	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4
122.00	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4
124.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
126.00	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
128.00	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
134.00	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
136.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
142.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
144.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
146.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6
148.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
152.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
154.00	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
156.00	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
158.00	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
160.00	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7
162.00	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7
164.00	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
166.00	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
168.00	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
170.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
172.00	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
174.00	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
176.00	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9
178.00	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
180.00	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	854.0	850.8	844.0	855.2	859.3	860.4	861.4	859.5	857.4
4.00	790.8	781.5	784.0	798.3	798.5	791.7	791.7	799.8	810.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
6.00	734.7	731.3	733.9	730.3	726.7	732.9	749.9	754.0	742.9
8.00	692.6	683.1	680.8	665.4	673.9	668.2	673.2	689.4	708.0
10.00	645.5	634.9	622.8	623.4	621.1	615.4	621.4	658.5	683.1
12.00	592.4	568.6	570.7	567.5	567.2	568.6	608.4	633.6	651.3
14.00	542.3	519.3	506.6	496.5	519.4	530.8	572.6	591.9	633.3
16.00	507.2	484.2	468.6	465.6	477.5	519.8	540.7	572.0	631.3
18.00	489.1	466.1	439.5	448.6	483.5	501.9	523.8	567.0	624.4
20.00	474.1	448.0	425.5	433.6	464.6	485.0	513.8	565.0	624.4
22.00	455.1	427.9	410.5	439.6	446.6	477.0	508.9	565.0	615.4
24.00	432.0	403.8	389.5	424.6	424.7	454.1	500.9	549.1	602.5
26.00	401.9	374.7	364.5	394.6	403.7	437.2	485.0	531.2	585.5
28.00	362.8	338.5	333.4	357.7	375.8	414.3	456.1	503.3	563.6
30.00	314.7	296.3	306.4	316.7	337.0	382.4	419.2	471.5	534.8
32.00	266.6	254.1	269.3	272.7	295.1	334.6	374.4	430.7	494.9
34.00	234.5	227.0	236.3	239.8	258.2	287.8	325.6	380.0	445.1
36.00	222.5	217.0	223.3	224.8	237.3	257.9	285.8	326.3	383.4
38.00	220.5	216.0	220.3	221.8	232.3	249.0	271.9	298.4	335.6
40.00	219.5	215.0	219.3	219.8	231.3	248.0	270.9	295.4	319.7
42.00	219.5	214.0	217.3	218.8	230.3	248.0	270.9	295.4	317.7
44.00	216.5	212.0	215.3	217.8	229.3	247.0	269.9	295.4	316.7
46.00	213.5	208.9	211.3	215.8	228.3	246.0	268.9	293.4	312.7
48.00	209.5	205.9	208.3	212.8	225.3	245.0	266.9	289.5	307.7
50.00	202.5	200.9	203.3	209.8	221.3	243.0	264.9	285.5	299.7
52.00	193.5	193.9	195.2	202.8	216.3	237.0	260.9	279.5	292.8
54.00	186.4	186.8	187.2	194.8	209.3	229.0	253.9	271.6	284.8
56.00	176.4	177.8	180.2	186.8	202.4	221.1	245.0	261.6	273.8
58.00	167.4	169.8	171.2	177.8	193.4	216.1	234.0	251.7	260.9
60.00	162.4	163.7	164.2	169.8	184.4	206.1	223.1	237.7	247.0
62.00	151.4	155.7	158.2	161.8	174.5	196.2	210.1	223.8	231.0
64.00	138.3	142.6	146.2	154.9	164.5	183.2	196.2	205.9	213.1
66.00	127.3	131.6	134.2	141.9	155.5	170.3	181.2	188.0	194.2
68.00	116.3	119.5	122.2	128.9	144.6	156.3	164.3	169.1	176.3
70.00	105.2	108.5	111.1	116.9	131.6	142.4	145.4	150.2	152.4
72.00	93.2	95.4	98.1	103.9	117.6	124.5	126.5	129.3	129.5
74.00	81.2	81.4	85.1	90.9	101.7	106.6	106.6	107.4	107.5
76.00	65.6	67.1	72.5	78.4	85.5	86.6	86.2	86.2	84.8
78.00	47.7	50.1	55.7	62.2	66.9	66.6	65.4	64.9	62.8
80.00	31.0	33.1	37.0	44.7	48.9	48.2	47.3	45.8	43.6
82.00	18.9	19.4	21.7	26.3	29.6	30.8	30.5	28.4	26.7
84.00	8.8	9.3	11.6	13.4	14.5	14.7	14.9	14.0	13.0
86.00	1.6	1.6	2.0	2.4	2.8	3.1	2.9	2.7	2.4
88.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
90.00	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2
92.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
94.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3
96.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4
98.00	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.4
100.00	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.5
102.00	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6
104.00	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.6
106.00	0.3	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6
108.00	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
110.00	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
112.00	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
114.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6
116.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6
118.00	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6
120.00	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
122.00	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
124.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4
126.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
128.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
134.00	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
136.00	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3
138.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
142.00	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4
144.00	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5
146.00	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6
148.00	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6
150.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
152.00	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
154.00	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
156.00	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
158.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
160.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
162.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
164.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
166.00	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
168.00	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.7
170.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
172.00	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8
174.00	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176.00	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9
178.00	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
180.00	1.0	1.0	0.9	0.9	0.9	0.8	0.9	0.9	0.9

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
0.00	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.00	856.5	858.4	869.5	880.3	882.3	887.3	892.3	901.2	905.2
4.00	817.7	826.5	823.9	832.5	834.6	849.6	859.5	867.4	874.4
6.00	754.0	767.8	773.2	790.7	804.7	825.7	835.7	864.4	883.4
8.00	716.2	746.9	757.3	781.7	802.8	815.8	841.6	864.4	878.4
10.00	693.3	722.0	743.5	761.8	791.8	810.8	846.6	863.4	897.3
12.00	683.4	704.0	740.5	764.8	803.7	820.8	848.6	881.3	915.2
14.00	669.5	711.0	742.5	772.8	810.7	848.6	864.5	908.2	929.1
16.00	675.4	711.0	749.4	788.7	824.6	848.6	872.4	910.2	934.0
18.00	674.4	720.0	755.4	789.7	821.7	853.6	885.4	909.2	949.9
20.00	676.4	719.0	755.4	795.7	823.6	857.5	891.3	930.1	959.9
22.00	666.5	710.0	753.4	795.7	834.6	870.4	895.3	928.1	961.9
24.00	654.5	704.0	751.4	789.7	832.6	861.5	893.3	933.1	979.8
26.00	639.6	692.1	744.4	793.7	825.6	857.5	894.3	938.0	995.7

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
28.00	620.7	678.2	734.5	779.7	814.7	857.5	900.3	948.0	1011.6
30.00	597.8	659.2	714.7	760.8	805.7	852.6	899.3	960.9	1046.3
32.00	561.0	631.3	686.9	736.9	790.8	842.6	906.2	993.7	1109.9
34.00	519.3	588.5	647.2	709.0	769.9	838.7	933.1	1053.4	1196.4
36.00	457.6	531.8	602.5	673.2	748.0	850.6	979.8	1132.0	1291.8
38.00	389.9	462.1	542.9	630.4	737.1	881.4	1045.3	1211.6	1374.2
40.00	346.2	393.3	473.5	582.6	740.1	930.1	1114.9	1285.2	1448.8
42.00	332.2	353.5	408.0	539.7	751.0	982.7	1176.5	1351.9	1514.3
44.00	328.3	337.6	366.3	506.9	770.9	1028.4	1237.1	1418.5	1581.9
46.00	323.3	329.6	353.4	495.9	789.8	1064.2	1289.8	1481.2	1647.5
48.00	315.3	320.7	351.4	508.9	805.7	1095.0	1339.5	1543.8	1719.0
50.00	306.4	313.7	350.4	525.8	818.7	1118.9	1380.2	1605.5	1796.5
52.00	298.4	304.7	344.4	529.8	827.6	1135.8	1415.0	1666.2	1888.0
54.00	290.5	294.8	328.5	514.8	819.7	1138.7	1447.8	1729.9	1983.4
56.00	278.5	281.8	303.7	471.0	784.8	1128.8	1474.6	1795.5	2089.7
58.00	264.6	266.9	276.9	399.3	726.2	1102.0	1484.5	1841.3	2178.1
60.00	249.7	251.9	257.1	323.6	621.7	1032.4	1455.7	1851.2	2215.9
62.00	234.8	236.0	240.2	272.9	491.4	900.3	1362.3	1787.5	2178.1
64.00	216.9	219.1	222.3	236.0	362.1	692.6	1142.7	1593.6	2014.2
66.00	198.9	207.1	205.5	209.1	259.6	484.9	860.5	1297.1	1721.0
68.00	178.1	183.2	184.6	184.2	203.9	340.8	599.2	956.9	1336.5
70.00	160.2	161.3	163.8	161.3	166.1	241.5	411.4	667.5	936.0
72.00	137.3	141.4	143.9	140.4	134.3	155.0	255.4	419.8	595.2
74.00	113.4	116.5	115.1	112.5	107.4	103.3	121.2	192.0	277.2
76.00	85.1	86.6	86.7	86.1	83.9	81.2	82.5	85.5	94.0
78.00	62.5	62.9	61.9	61.8	60.5	60.2	60.0	61.6	60.2
80.00	42.5	42.1	41.4	40.9	39.3	39.2	40.8	41.6	40.9
82.00	25.4	24.6	24.3	23.9	23.1	22.2	21.8	23.4	22.9
84.00	12.1	11.1	10.5	9.9	9.2	8.8	8.7	8.5	8.7
86.00	2.2	2.0	1.9	1.8	1.7	1.7	1.6	1.6	1.6
88.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
90.00	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
92.00	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
94.00	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
96.00	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3
98.00	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4
100.00	0.6	0.7	0.8	0.8	0.7	0.6	0.6	0.5	0.5
102.00	0.7	0.8	0.9	0.8	0.8	0.7	0.7	0.6	0.6
104.00	0.7	0.8	0.9	0.9	0.8	0.8	0.7	0.7	0.6
106.00	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
108.00	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7
110.00	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7
112.00	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
114.00	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.7	0.7
116.00	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
118.00	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
120.00	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
122.00	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5
124.00	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
126.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4
128.00	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.00	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] UD24 (Alley testapalo) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
132.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4
134.00	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3
136.00	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3
138.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
140.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
142.00	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
144.00	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
146.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
148.00	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6
150.00	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
152.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
154.00	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.6
156.00	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7
158.00	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7
160.00	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7
162.00	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7
164.00	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7
166.00	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
168.00	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
170.00	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
172.00	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
174.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176.00	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
178.00	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8
180.00	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	UD24 (Alley testapalo)		
Number:	PL43766/00	**Diameter:**	0 mm
Report:	TR05989/00	**Length:**	168 mm
Test no.:	1	**Width:**	165 mm
Flux Meas:	5573.40 lm	**Height:**	0 mm
Date:	02/09/2021 11:51:47	**Operator:**	Roberto Cammertoni

Flusso zonale UD24 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
0.0	164.92	164.92	164.92	0.00	0.00	0.00	0.00
2.0	151.44	177.40	164.28	3.51	3.51	0.06	0.06
4.0	140.22	187.02	162.23	10.44	13.95	0.19	0.25
6.0	130.39	198.79	162.29	17.29	31.24	0.31	0.56
8.0	119.38	208.77	163.25	24.25	55.49	0.44	1.00
10.0	110.42	216.65	165.24	31.41	86.89	0.56	1.56
12.0	101.78	221.32	166.51	38.69	125.58	0.69	2.25
14.0	89.09	226.60	167.83	45.97	171.54	0.82	3.08
16.0	83.53	232.36	169.89	53.42	224.96	0.96	4.04
18.0	78.86	238.65	172.55	61.19	286.15	1.10	5.13
20.0	76.35	245.48	175.51	69.25	355.41	1.24	6.38
22.0	73.65	253.30	178.50	77.54	432.94	1.39	7.77
24.0	69.88	262.82	181.46	85.96	518.90	1.54	9.31
26.0	65.39	274.44	184.72	94.58	613.48	1.70	11.01
28.0	59.82	290.09	188.61	103.59	717.07	1.86	12.87
30.0	53.17	309.15	192.97	113.06	830.13	2.03	14.89
32.0	45.60	328.39	197.97	123.05	953.19	2.21	17.10
34.0	40.73	344.76	203.09	133.50	1086.68	2.40	19.50
36.0	38.93	358.97	208.48	144.27	1230.96	2.59	22.09
38.0	38.75	370.12	213.87	155.34	1386.30	2.79	24.87
40.0	38.53	379.11	218.84	166.43	1552.73	2.99	27.86
42.0	38.35	384.14	223.56	177.38	1730.11	3.18	31.04
44.0	37.99	387.92	227.94	188.19	1918.30	3.38	34.42
46.0	37.45	392.44	231.82	198.69	2116.99	3.56	37.98
48.0	36.91	401.13	235.67	208.96	2325.95	3.75	41.73
50.0	35.83	415.89	239.70	219.26	2545.21	3.93	45.67
52.0	34.39	441.45	244.65	230.05	2775.26	4.13	49.79
54.0	33.13	474.58	251.01	241.93	3017.18	4.34	54.14
56.0	31.51	506.63	258.42	255.04	3272.22	4.58	58.71
58.0	30.03	537.69	267.56	269.60	3541.82	4.84	63.55
60.0	29.13	569.26	281.57	287.67	3829.49	5.16	68.71
62.0	27.16	602.89	296.20	308.83	4138.32	5.54	74.25
64.0	24.82	641.50	289.60	319.00	4457.32	5.72	79.97
66.0	22.84	671.36	260.16	304.52	4761.84	5.46	85.44
68.0	20.86	682.84	210.02	264.51	5026.35	4.75	90.18
70.0	18.88	605.95	154.15	207.78	5234.13	3.73	93.91

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale UD24 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
72.0	16.73	433.04	98.57	146.04	5380.18	2.62	96.53
74.0	14.57	203.36	53.21	88.71	5468.89	1.59	98.12
76.0	11.76	87.07	27.05	47.38	5516.27	0.85	98.97
78.0	8.56	38.53	14.18	24.55	5540.82	0.44	99.42
80.0	5.56	14.23	8.66	13.70	5554.52	0.25	99.66
82.0	3.39	6.82	5.18	8.35	5562.88	0.15	99.81
84.0	1.53	3.89	2.57	4.70	5567.58	0.08	99.90
86.0	0.28	1.63	0.77	2.03	5569.61	0.04	99.93
88.0	0.01	0.51	0.15	0.56	5570.17	0.01	99.94
90.0	0.01	0.20	0.07	0.13	5570.31	0.00	99.94
92.0	0.01	0.20	0.07	0.09	5570.39	0.00	99.95
94.0	0.01	0.20	0.08	0.09	5570.48	0.00	99.95
96.0	0.02	0.20	0.08	0.10	5570.58	0.00	99.95
98.0	0.02	0.20	0.09	0.11	5570.69	0.00	99.95
100.0	0.03	0.19	0.10	0.12	5570.81	0.00	99.95
102.0	0.04	0.19	0.11	0.12	5570.93	0.00	99.96
104.0	0.05	0.19	0.11	0.13	5571.06	0.00	99.96
106.0	0.05	0.18	0.11	0.13	5571.19	0.00	99.96
108.0	0.05	0.17	0.11	0.13	5571.32	0.00	99.96
110.0	0.06	0.16	0.11	0.13	5571.44	0.00	99.96
112.0	0.06	0.16	0.11	0.13	5571.57	0.00	99.97
114.0	0.06	0.14	0.10	0.12	5571.69	0.00	99.97
116.0	0.05	0.15	0.09	0.11	5571.79	0.00	99.97
118.0	0.04	0.14	0.09	0.10	5571.90	0.00	99.97
120.0	0.04	0.12	0.08	0.09	5571.99	0.00	99.97
122.0	0.03	0.11	0.08	0.08	5572.07	0.00	99.98
124.0	0.02	0.09	0.07	0.08	5572.15	0.00	99.98
126.0	0.02	0.09	0.06	0.07	5572.22	0.00	99.98
128.0	0.02	0.08	0.05	0.06	5572.28	0.00	99.98
130.0	0.01	0.07	0.05	0.05	5572.33	0.00	99.98
132.0	0.02	0.07	0.06	0.05	5572.37	0.00	99.98
134.0	0.02	0.06	0.05	0.05	5572.42	0.00	99.98
136.0	0.02	0.06	0.05	0.04	5572.46	0.00	99.98
138.0	0.03	0.08	0.06	0.05	5572.50	0.00	99.98
140.0	0.04	0.08	0.06	0.05	5572.55	0.00	99.98
142.0	0.04	0.10	0.07	0.05	5572.60	0.00	99.99
144.0	0.04	0.11	0.08	0.05	5572.65	0.00	99.99
146.0	0.03	0.13	0.08	0.06	5572.71	0.00	99.99
148.0	0.04	0.15	0.09	0.06	5572.77	0.00	99.99
150.0	0.04	0.16	0.10	0.06	5572.83	0.00	99.99
152.0	0.05	0.16	0.10	0.06	5572.89	0.00	99.99
154.0	0.05	0.16	0.11	0.06	5572.95	0.00	99.99
156.0	0.06	0.17	0.12	0.06	5573.01	0.00	99.99
158.0	0.07	0.18	0.12	0.06	5573.06	0.00	99.99
160.0	0.07	0.19	0.13	0.05	5573.12	0.00	99.99
162.0	0.08	0.19	0.13	0.05	5573.17	0.00	100.00

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale UD24 (Alley testapalo) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
164.0	0.08	0.19	0.13	0.05	5573.22	0.00	100.00
166.0	0.09	0.20	0.13	0.04	5573.26	0.00	100.00
168.0	0.10	0.20	0.14	0.04	5573.30	0.00	100.00
170.0	0.11	0.20	0.14	0.03	5573.33	0.00	100.00
172.0	0.11	0.19	0.14	0.03	5573.36	0.00	100.00
174.0	0.11	0.17	0.14	0.02	5573.38	0.00	100.00
176.0	0.11	0.18	0.15	0.02	5573.39	0.00	100.00
178.0	0.11	0.19	0.15	0.01	5573.40	0.00	100.00
180.0	0.11	0.19	0.15	0.00	5573.40	0.00	100.00

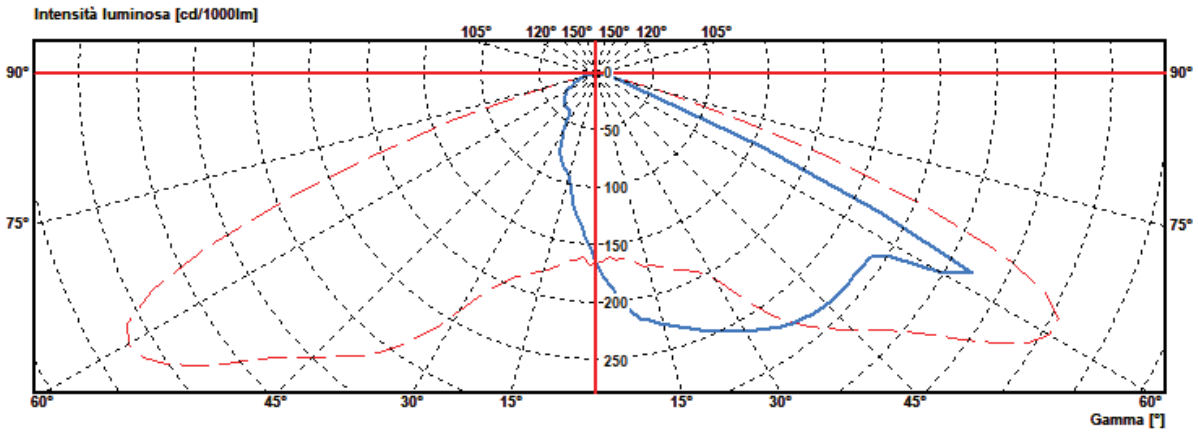
iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	UD24 (Alley testapalo)		
Number:	PL43766/00	**Diameter:**	0 mm
Report:	TR05989/00	**Length:**	168 mm
Test no.:	1	**Width:**	165 mm
Flux Meas:	5573.40 lm	**Height:**	0 mm
Date:	02/09/2021 11:51:47	**Operator:**	Roberto Cammertoni

Diagramma polare UD24 (Alley testapalo) / Total LVK



iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Ref. No. IMQ-125/CTF2-G

RECOGNITION

WE DECLARE THAT

iGuzzini Illuminazione S.p.A.

IN ITS TESTING LABORATORY

Laboratorio Fotometrico
Via Mariano Guzzini, 37
IT - 62019 Recanati (MC)

HAS BEEN RECOGNIZED FOR THE APPLICATION OF PROCEDURE

CUSTOMERS' TESTING FACILITIES (CTFs)
STAGE 2

AS DESCRIBED IN *IMQ RULES FOR RECOGNITION AND UTILIZATION OF TESTING FACILITIES* IN THE PERFORMING OF TESTS COVERED IN THE SCOPE REPORTED IN THE ANNEX OF THIS RECOGNITION

(PRODUCT CATEGORY: E3)

IMQ S.p.A. will accept the test results of the above testing laboratory
as basis to issue its own certifications

IMQ S.p.A cosign

First issue: 2015-03-17
Current issue: 2021-03-22
Replaces: 2020-03-31
Expiry date: 2022-03-16

Mod. 3459/2

THE VALIDITY OF THIS RECOGNITION IS SUBJECTED TO THE CONTINUOUS RESPECT OF RELEVANT IMQ RULES AND IS RELEVANT TO THE STANDARDS LISTED IN THE ANNEX TO THIS RECOGNITION

Scope of the CTF

Category	Standard	Details
E3	UNI EN 13032-1:2012	All clauses
	UNI EN 13032-2:2017	All clauses
	UNI EN 13032-3:2008	All clauses
	UNI EN 13032-4:2019	Accepted clauses 6.2, 6.3, 6.4, 6.5, 6.6, 7.1

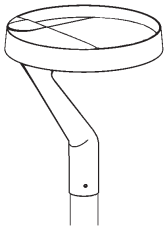
Terms of recognition

The acceptance of the test results is subjected to the following terms and conditions:

- testing program falling in the "Scope of recognition";
- each testing session witnessed by IMQ engineers;
- continuous conformance of quality system and facilities of the testing laboratory with the IMQ requirements.

First issue: 2015-03-17
Current issue: 2021-03-22
Replaces: 2020-03-31
Expiry date: 2022-03-16

1.155.209.00
IS17308/03



TESTAPALO ALLEY

IT ATTENZIONE:
LA SICUREZZA DELL'APPARECCHIO E' GARANTITA SOLO CON L'USO APPROPRIATO DELLE SEGUENTI ISTRUZIONI; PERTANTO E' NECESSARIO CONSERVARLE.

EN WARNING:
THE SAFETY OF THIS FIXTURE IS GUARANTEED ONLY IF YOU COMPLY WITH THESE INSTRUCTIONS; REMEMBER TO CONSERVE IN A SAFE PLACE.

FR ATTENTION:
LA SECUTIE DE L'APPAREIL N'EST GARANTIE QU'EN CAS D'UTILISATION CORRECTE DES INSTRUCTIONS SUIVANTES; IL FAUT PAR CONSEQUENT LES CONSERVER.

DE ACHTUNG:
DIE SICHERHEIT DES GERÄTES WIRD NUR DURCH SACHGEMÄSSE BEFOLGUNG NACHSTEHENDER ANWEISUNGEN GEWÄHRLEISTET; IHRE AUFBEWAHRUNG IST DESHALB SEHR WICHTIG.

NL OPGELET:
DE VEILIGHEID VAN DI ATOESTEL IS SLECHTS DAN GEGARANDEERD ALS INDIEN DE VOLGENDE INSTRUCTIES STRIKT WORDEN TOEGEPAST: DAAROM MOET MEN ZE OOK BEWAREN.

ES ATENCION:
LA SEGURIDAD DEL APARATO SE GARANTIZA SOLO CUMPLIENDO CUIDADOSAMENTE LAS SIGUIENTES INSTRUCCIONES; POR ELLO, ES NECESARIO CONSERVARLAS.

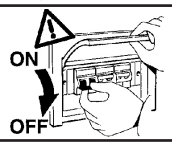
DA BEMÆRK:
SIKKERHEDEN VED BRUG AF ARMATURET KAN KUN GARANTERES, HVIS DISSE ANVISNINGER FØLGES; SØRG DERFOR FOR AT GEMME DEM.

NO ADVARSEL:
SIKKERHETEN TIL DETTE APPARATET GARANTERES KUN HVIS DU OVERHOLDER DISSE INSTRUKSJONENE; HUSK Å OPPBEVARE DEM PÅ ET TRYGT STED.

SV OBSERVERA!
UTRUSTNINGENS SÄKERHET KAN ENDAST GARANTERAS OM DESSA ANVISNINGAR RESPEKTERAS I DETALJ. SPARA DÄRFÖR DESSA ANVISNINGAR FÖR FRAMTIDA KONSULTATION.

RU ВНИМАНИЕ:
МЫ ГАРАНТИРУЕМ БЕЗОПАСНУЮ ЭКСПЛУАТАЦИЮ ИЗДЕЛИЯ ТОЛЬКО ПРИ СОБЛЮДЕНИИ СЛЕДУЮЩИХ ИНСТРУКЦИЙ; С ЭТОЙ ЦЕЛЬЮ НЕОБХОДИМО СОХРАНИТЬ ДАННУЮ БРОШЮРУ.

ZH 警告
为确保该装置安全，请遵守操作指示；并于安全场所放置。



IT N.B.: DURANTE L'INSTALLAZIONE DEL SISTEMA RISPETTARE SCRUPOLOSAMENTE LE NORME IMPIANTISTICHE VIGENTI.

EN N.B.: WHEN INSTALLING THE SYSTEM, STRICTLY COMPLY WITH ALL REGULATIONS ON INSTALLATION IN FORCE.

FR N.B.: LORS DE L'INSTALLATION DU SYSTÈME VEUILLEZ RESPECTER RIGOUREUSEMENT LES NORMES EN VIGUEUR EN LA MATIÈRE.

DE NB: BEACHTEN SIE BEI DER INSTALLATION DES SYSTEMS GEWISSENHAFT DIE GÜLTIGEN BESTIMMUNGEN BEZÜGLICH DER ANLAGENTECHNIK.

NL N.B.: BIJ HET INSTALLEREN VAN HET SYSTEEM MOET U DE GELDEN DE INSTALLATIENORMEN STRIKT NALEVEN.

ES N.B.: DURANTE LA INSTALACIÓN DEL SISTEMA RESPETAR E SCRUPULOSAMENTE LAS NORMAS DE INSTALACIÓN VIGENTES.

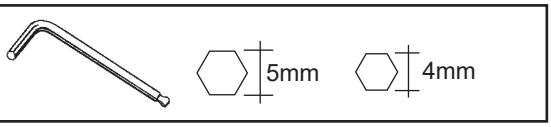
DA N.B.: UNDER INSTALLATION AF SYSTEMET SKAL MAN NØJE OVERHOLDE DE GÆLDENDE REGLER FOR DISSE ANLÆG.

NO N.B.: VED INSTALLASJON AV SYSTEMET SKAL ALLE FORSKRIFTER OM INSTALLASJON SOM GJELDER FØLGES STRENGT.

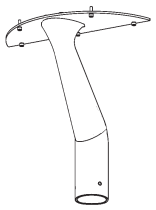
SV OBS! UNDER INSTALLATIONEN AV SYSTEMET SKA INSTALLATIONSFÖRESKRIFTERNA RESPEKTERAS I DETALJ.

RU ПРИМЕЧАНИЕ: В ПРОЦЕССЕ МОНТАЖА СИСТЕМЫ СТРОГО СОБЛЮДАЙТЕ НАЦИОНАЛЬНЫЕ ДЕЙСТВУЮЩИЕ НОРМАТИВЫ ПО ЭЛЕКТРОПРОВОДКЕ.

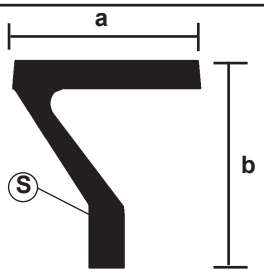
ZH 注意：在安装 系统时请谨守设备的安装规定。



I L'altezza massima di installazione è di m 9.
GB The maximum installation height is 9 m.
F La hauter maximum d'installation est de 9 m.
D Die maximale Installationshöhe beträgt 9 m.
NL De maximum hoogte van installeren is 9 m.
E La altura máx. de instalación es de 9 m.
DK Minimumshøjden ved installation er 9 m.
N Maksimal installasjonshøyde er 9 meter.
S Max. installationshöjd är 9 m.
RUS Максимальная высота установки 9 м.
CN 安装的最高高度是 9米。

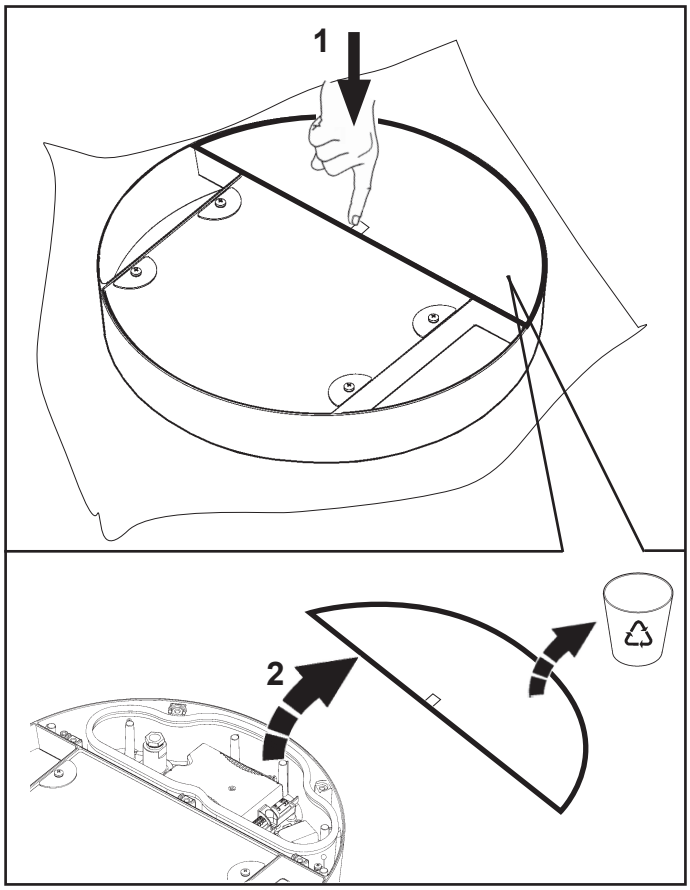
PALO POLE MAT MAST PAAL POSTE MAST STANG STÅNG ФОНАРНЫЙ СТОЛБ 灯杆	Accessorio Accessory Accessoire Zubehörteil Accessoire Accesorio Tilbehør Tilbehør Tillbehör Аксессуар 附件 
Ø mm	Art.
60	**X754**

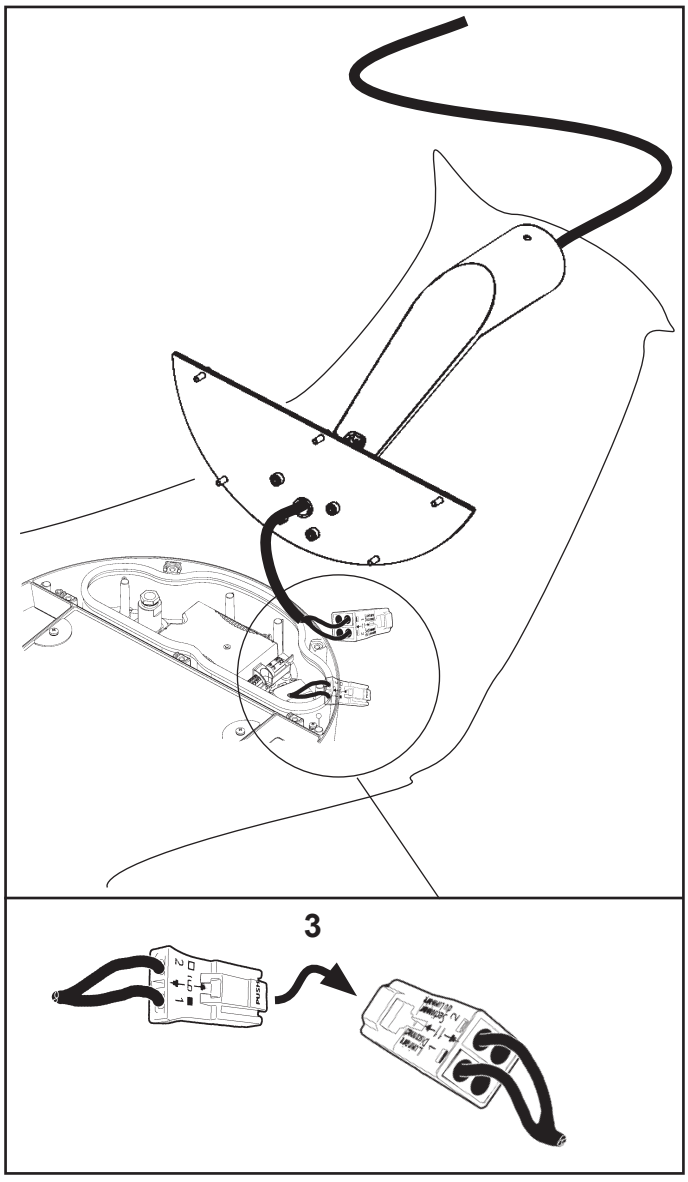
IT PESO, DIMENSIONI E SUPERFICIE , DELLE COMPOSIZIONI SENZA PALO.
EN WEIGHT, DIMENSIONS AND SURFACE OF COMPOSITIONS WITH NO POLE.
FR POIDS, DIMENSIONS ET SURFACE DES COMPOSITIONS SANS MAT.
DE GEWICHT, ABMESSUNGEN UND OBERFLÄCHE DER ZUSAMMENSTELLUNGEN OHNE MAST.
NL GEWICHT, AFMETINGEN EN OPPERVLAKTE VAN DE SAMENSTELLINGEN ZONDER PAAL.
ES PESO, DIMENSIONES Y SUPERFICIE DE LAS COMPOSICIONES SIN POSTE.
DA VÆGT, DIMENSIONER OG OVERFLADEMÅL PÅ INSTALLATIONER UDEN MAST.
NO VEKT, DIMENSJONER OG OVERFLATE PÅ KOMPOSISJONER UTEN STANG.
SV VIKT, MÅTT OCH YTA FÖR UTFÖRANDEN UTAN STOLPE.
RU МАССА, РАЗМЕРЫ И ПЛОЩАДЬ КОНСТРУКЦИЙ БЕЗ СТОЙКИ.
ZH 设备的重量、尺寸、面积（不含杆）



ART. + art. X754

		PESO WEIGHT POIDS GEWICHT GEWICHT PESO VÆGT VEKT VIKT BEC 重量 (Kg)	Dimensioni Dimensions Dimensions Abmessungen Afmetingen Dimensiones - Mål Mål - Mått Размеры 尺寸 a x b (mm)	Superficie Surface Surface Oberfläche Oppervlak Superficie Overflade Overflate Yta Поверхность 面积 (mq)
	UC99 - UD00 - UD01 - UD02 - UD03 UD04 - UD05 - UD06 - UD07 - UD08 UD09 - UD10 - UD11 - UD12 - UD13 UD14 - UD15 - UD16 - UD17 - UD18 UD19 - UD20 - UD21 - UD22 - UD23 UD24 - UD25 - UD26 - UD27 - UD28 UD29 - UD30 - UD31 - UD32 - UD33 UD34 - UD35 - UD36 - UD37 - UD38	8,3	438 X 489	0,075
ZHAGA	**UD39 - UD40 - UD41 - UD42 - UD43 UD44 - UD45 - UD46 - UD47 - UD48 UD49 - UD50 - UD51 - UD52 - UD53 UD54 - UD55 - UD56 - UD57 - UD58 UD59 - UD60 - UD61 - UD62 - UD63 UD64 - UD65 - UD66 - UD67 - UD68 UD69 - UD70 - UD71 - UD72 - UD73 UD74 - UD75 - UD76 - UD77 - UD78**	8,45	438 X 504	0,079





ZHAGA VERSIONS

CARICO DALI / DALI LOAD CHARGE DALI (COURANT MAXI ADMISSIBLE) DALI-LAST DALI VERMOGEN CARGA DALI DALI STRØMSTYRKE BELASTNING FOR "DALI" DALI-BELASTNING МАКС. ТОК СИСТЕМЫ DALI С РЕГУЛЯЦИЕЙ ИНТЕНСИВНОСТИ СВЕТА DALI 智能调光系统允许的最大电流量	INDIRIZZI DALI DALI ADDRESSES ADRESSES DALI DALI-ADRESSEN DALI ADRESSEN DIRECCIONES DALI DALI ADRESSER ADRESSER TIL "DALI" DALI-ADRESSER ЛОГИЧЕСКИЕ АДРЕСА СИСТЕМЫ DALI DALI智能调光系统计算机指定控制参数
1 (2 mA)	1

IT Il prodotto è conforme allo standard DALI, con riferimento alle norme EN 62386-101, EN62386-102, EN62386-207.

EN The product complies with the DALI standard, with reference to the EN 62386-101, EN 62386-102 and EN 62386-207 standards.

FR Le produit est conforme à la norme DALI, repris dans les documents EN 62386-101, EN62386-102, EN62386-207.

DE Das Produkt erfüllt den DALI-Standard unter Bezugnahme auf die Normen EN 62386-101, EN62386-102, EN62386-207.

NL Het product voldoet aan de DALI-standaard, verwijzend naar de normen EN 62386-101, EN62386-102, EN62386-207.

ES El producto es conforme al estándar DALI, con referencia a las normas EN 62386-101, EN62386-102, EN62386-207

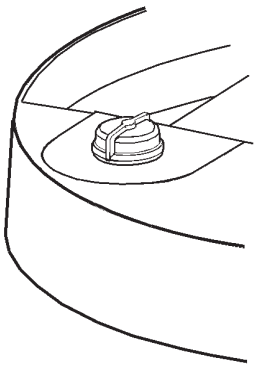
DA Produktet stemmer overens med DALI-standarden med henvisning til standarderne EN 62386-101, EN62386-102, EN62386-207.

NO Produktet er i samsvar med DALI-standarden i henhold til standardene NEK-EN 62386-101, NEK-EN-62386-102, NEK-EN-62386-207.

SV Produkten överensstämmer med DALI-standarden, med hänvisning till standarderna EN 62386-101, EN62386-102, EN62386-207.

RU Товар отвечает стандарту DALI, со ссылкой на стандарты EN 62386-101, EN62386-102, EN62386-207.

ZH 该产品符合数字寻址灯控接口 (DALI) 标准，并且参考 EN 62386-101、EN 62386-102 和 EN 62386-207 标准。.



IT Le prestazioni sono garantite con il tappo fornito a corredo del prodotto.

EN Performance is guaranteed by the cap supplied with the product.

FR Les performances sont garanties avec le bouchon fourni avec le produit.

DE Die Leistungen sind garantiert mit dem im Produktumfang enthaltenen Deckel.

NL De prestaties worden gewaarborgd met de dop die samen met het product wordt geleverd.

ES Las prestaciones están garantizadas utilizando el tapón que se suministra con el producto.

DA Ydelserne er garanteret med produktets medfølgende prop.

NO Prestasjonene garanteres med korken som følger med produktet.

SV Prestandan garanteras med det lock som medföljer produkten.

RU Характеристики гарантируются только с заглушкой, входящей в комплект поставки изделия.

ZH 随产品提供的盖子可保证使用性能。

IT Attacco conforme allo standard Zhaga book 18

EN The attachment complies with the Zhaga book 18 standard.

FR Le raccord est conforme au standard Zhaga book 18

DE Der Anschluss entspricht dem Standard Zhaga Book 18.

NL Aansluiting conform de norm Zhaga book 18

ES Conexión conforme con la norma Zhaga book 18

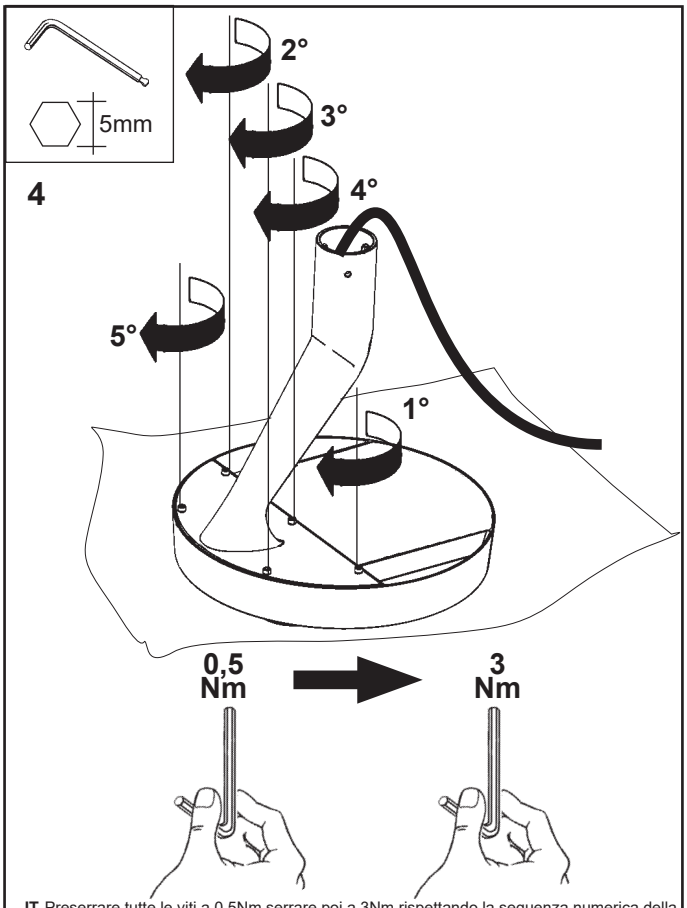
DA Tilslutningspunkt i overensstemmelse med standard Zhaga book 18

NO Feste i samsvar med standarden Zhaga book 18

SV Kopplingen överensstämmer med standard Zhaga book 18

RU Соединение соответствует стандарту Zhaga book 18

ZH 接口符合Zhaga Book 18标准



IT Preserrare tutte le viti a 0,5Nm serrare poi a 3Nm rispettando la sequenza numerica della figura.

EN Pre-tighten all the screws to 0.5Nm then tighten them to 3Nm respecting the numerical sequence in the figure.

FR Serrez toutes les vis à 0,5 Nm puis serrez à 3 Nm en respectant la séquence numérique de la figure.

DE Die Schrauben erst auf 0,5Nm vorspannen, dann auf 3Nm anziehen; dabei die auf der Abbildung gezeigte numerische Abfolge beachten.

NL Draai de schroeven aan met 0,5Nm en zet ze vervolgens vast met 3Nm in de volgorde van de afbeelding.

ES Enroscar todos los tornillos aplicando un par de apriete inicial de 0,5 Nm y a continuación enroscar hasta alcanzar un par de 3 Nm respetando la secuencia numérica de la figura.

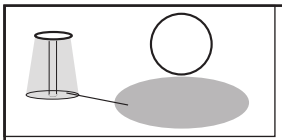
DA Spænd indledningsvist alle skruerne til 0,5Nm og spænd herefter til 3Nm ifølge den numeriske rækkefølge i figuren.

NO Forhåndsstram alle skruene 0,5Nm og stram til 3Nm i samsvar med den numeriske rekkefølgen angitt i figuren.

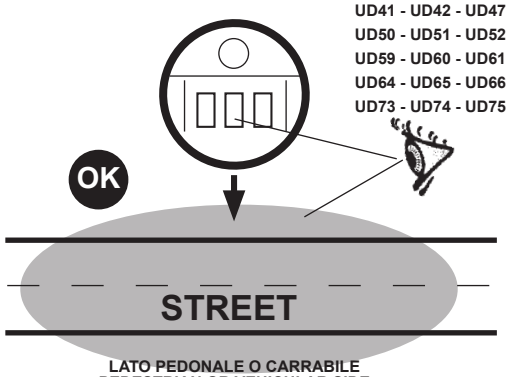
SV Förspänn alla skruvar till 0,5Nm och dra därefter åt till 3Nm, i den numeriska ordningsföljd som anges i bilden.

RU Предварительно затяните все винты с моментом затяжки 0,5 Нм, затем затяните с моментом затяжки 3 Нм, соблюдая последовательность цифр на рисунке

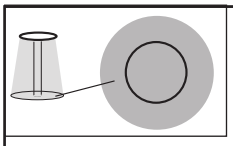
ZH 将所有螺钉预拧紧至0.5Nm，然后按图中的编号顺序拧紧至3Nm。



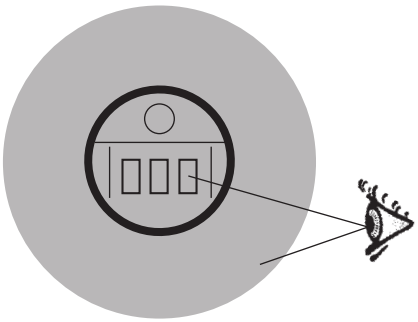
art.UC99 - UD00 - UD01 - UD02 - UD07
UD08 - UD09 - UD10 - UD11 - UD12
UD13 - UD14 - UD19 - UD20 - UD21
UD22 - UD23 - UD24 - UD25 - UD26
UD27 - UD28 - UD33 - UD34 - UD35
UD36 - UD37 - UD38 - UD39 - UD40
UD41 - UD42 - UD47 - UD48 - UD49
UD50 - UD51 - UD52 - UD53 - UD54
UD59 - UD60 - UD61 - UD62 - UD63
UD64 - UD65 - UD66 - UD67 - UD68
UD73 - UD74 - UD75 - UD76 - UD77
UD78

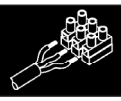


LATO PEDONALE O CARRABILE
PEDESTRIAN OR VEHICULAR SIDE
CÔTÉ PIÉTONS OU VOITURES
FUSSGÄNGER - ODER FAHRWEGSEITE
VOETGANGERSZIJDE OF BERIJDBARE ZIJDE
LADO PEATONAL O VEHICULAR
GANGSTI ELLER KØREBANE
FOTGJENGER- ELLER KJØRETØYSIDE
SIDA FÖR FOTGÄNGARE ELLER FORDON
ПЕШЕХОДНАЯ ИЛИ ПРОЕЗЖАЯ СТОРОНА
行人或机动车侧



art.UD03 - UD04 - UD05 - UD06 - UD15
UD16 - UD17 - UD18 - UD29 - UD30
UD31 - UD32 - UD43 - UD44 - UD45
UD46 - UD55 - UD56 - UD57 - UD57
UD58 - UD69 - UD70 - UD71 - UD72





IT UTILIZZARE NEL COLLEGAMENTO ELETTRICO ALLA RETE, DISPOSITIVI DI CONNESSIONE CHE GARANTISCANO IL GRADO DI PROTEZIONE " IP66 ".

EN USE CONNECTION DEVICES WHICH OFFER THE "IP66" DEGREE OF PROTECTION FOR CONNECTION TO THE MAINS ELECTRICITY SUPPLY.

FR POUR LE RACCORDEMENT ÉLECTRIQUE AU SECTEUR, UTILISER DES DISPOSITIFS DE CONNEXION QUI GARANTISSENT UN INDICE DE PROTECTION " IP66 ".

DE FÜR DEN ELEKTROANSCHLUSS AN DAS NETZ MÜSSEN DIE ANSCHLUSSGERÄTE EINEN SCHUTZGRAD VON "IP66" AUFWEISEN.

NL VOOR TIJDENS DE AANSLUITING OP HET ELEKTRICITEITSNET, VERBINDINGSELEMENTEN TE GEBRUIKEN DIE DE BESCHERMINGSGRAAD "IP66" GARANDEREN.

ES POR LA CONEXIÓN ELÉCTRICA A LA RED UTILIZAR DISPOSITIVOS DE CONEXIÓN QUE GARANTICEN EL GRADO DE PROTECCIÓN IP66.

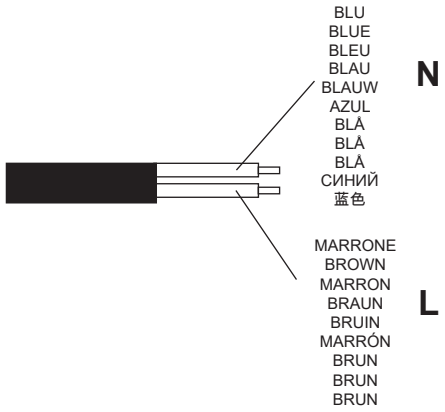
DA VED SKAL DER VED TILSLUTNING TIL STRØMFORSYNINGEN BRUGES STIK MV. MED EN BESKYTTELSESGRAD, DER SVARER TIL "IP66".

NO BRUK KOBLINGSANORDNINGER SON SIKRER VERNEGRADEN "IP66" VED ELEKTRISK TILKOBLING TIL NETTET.

SV ANVÄND ANSLUTNINGSANORDNINGAR FÖR ANSLUTNINGEN TILL ELNÄTET SOM GARANTERAR SKYDDSGRAD "IP66".

RU ДЛЯ ВОЗМОЖНЫХ МОНТАЖНЫХ НУЖД ИСПОЛЬЗОВАТЬ ПРИ ЭЛЕКТРИЧЕСКОМ ПОДКЛЮЧЕНИМ К СЕТИ ИСПОЛЬЗОВАТЬ СОЕДИНИТЕЛЬНЫЕ УСТРОЙСТВА, ОБЕСПЕЧИВАЮЩИЕ КЛАСС ЭЛЕКТРОБЕЗОПАСНОСТИ «IP66».

ZH 使用提供“IP66”防护等级的连接装置与总电源连接。



IT In caso di danneggiamento del cavo flessibile esterno, questo deve essere sostituito dal costruttore, o dal suo servizio di assistenza, o da personale qualificato equivalente, al fine di evitare pericoli.

EN Should the outer flexible cable be somehow damage, the latter should be replaced by the manufacturer, or by the corresponding service centre, or by an appropriate and qualified member of staff in order to avoid all risk of danger.

FR Si le câble flexible extérieur est abîmé, faites-le remplacer par le fabricant, par son service après-vente ou par un professionnel du secteur agréé afin d'éviter tout danger.

DE Sollte das äußere Kabel beschädigt sein, so muss es aus Sicherheitsgründen vom Hersteller, dessen Kundendienst oder von dazu autorisiertem Personal ausgewechselt werden.

NL Mocht de externe flexibele slang beschadigd worden, dan moet deze worden vervangen door de fabrikant of door een bevoegde installateur, zodat eventueel gevaar vermeden wordt.

ES En caso de daños el cable flexible externo debe substituirse por el fabricante, su servicio de asistencia o personal calificado equivalente para evitar peligros.

DA Hvis den yderste ledning beskadiges, skal den udskiftes af producenten eller er et autoriseret teknisk servicecenter, eller af kvalificerede fagfolk, så man undgår farlige situationer.

NO Hvis ytre fleksible kabel skulle bli skadet, skal denne skiftes ut av produsenten eller tilsvarende servicesenter eller av en egnet og kvalifisert fagperson for å unngå farerisiko.

SV Om den yttre kabeln skadas ska den bytas ut av tillverkaren, av dess auktoriserade verkstad eller av likvärdig kvalificerad personal för att undvika alla typer av risker.

RU В случае повреждения внешнего гибкого кабеля во избежание риска поручите его замену производителю, уполномоченному сервису или квалифицированному электрику.

ZH 如果外部软缆损坏，须由生产商、对应服务中心或能胜任和资深的员工更换新的电缆，以避免任何可能的危险。

IT Morsettiera non inclusa. L'installazione può richiedere l'intervento di personale qualificato.
Caratteristiche tecniche della morsettiera:
- n° 2 morsetti del tipo a vite (sezione max. 2,5 mm²)
- tensione di alimentazione 250V

EN Terminal board not included. The aid of qualified personnel may be required for installation.
Technical features of the terminal board:
- 2 terminals with a screw base (max. cross-section 2.5 mm²)
- 250 V

FR Bornier non inclus. L'installation pourrait exiger l'intervention de personnel qualifié.
Caractéristiques techniques du bornier :
- 2 bornes à vis (section maxi 2,5 mm²)
- tension d'alimentation 250V

DE Klemmenleiste nicht enthalten. Die Installation muss gegebenenfalls von Fachkräften durchgeführt werden.
Technische Merkmale der Klemmenleiste:
- 2 Schraubklemmen (Querschnitt max. 2,5 mm²)
- Versorgungsspannung 250V

NL Klemmenstrook niet inbegrepen. De installatie kan de hulp van gekwalificeerde installateurs vereisen.
Technische eigenschappen van de klemmenstrook:
- 2 klemmen van het schroeftype (max. diameter 2,5 mm²)
- voedingsspanning 250V

ES Clema de conexiones no incluida. La instalación puede necesitar la intervención de personal calificado.
Características técnicas de la clema de conexiones:
- n. 2 terminales de tornillo (sección máx. 2,5 mm²)
- tensión de alimentación 250V

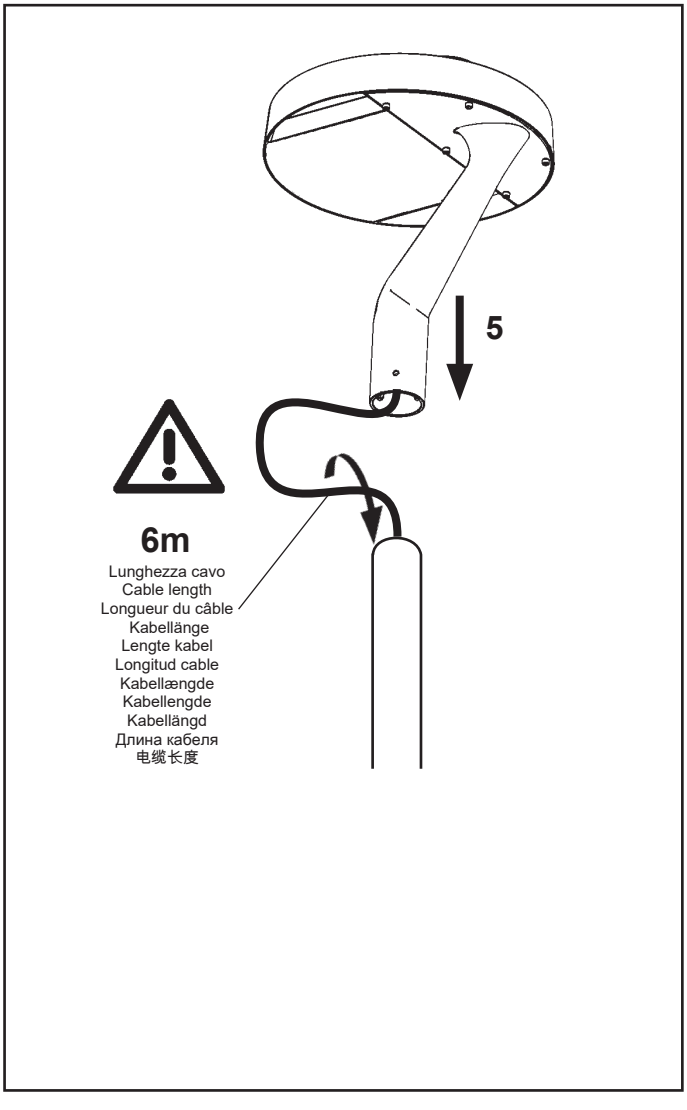
DA Klemkasse følger ikke med. Installation kan kræve hjælp fra en elektriker.
Klemkassens tekniske karakteristika:
- 2 klemmer af skruetypen (maks. snit 2,5 mm²)
- forsyningsspænding 250V

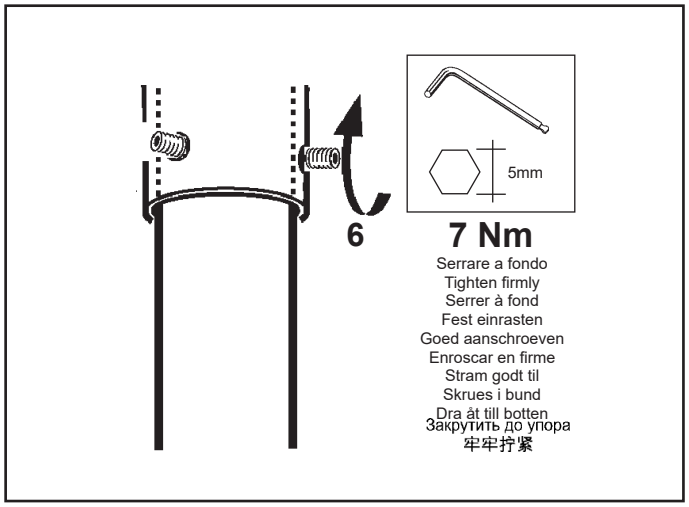
NO Klembrett ikke inkludert. Installasjonen kan kreve inngrep av kvalifisert personale.
Klembrettets tekniske egenskaper:
- n° 2 klemskruer av typen med skrue (maksimalt tverrsnitt 2,5 mm²)
- matespenning på 250V

SV Kopplingsplint ingår inte. Installationen kan kräva ingrepp från en utbildad fackman.
Kopplingsplintens tekniska egenskaper:
- 2 st. skruvklämmor (max. tvärsnitt 2,5 mm²).
- Matningsspänning 250 V

RU Без клеммной колодки. Для монтажа может потребоваться вызвать квалифицированного электрика.
Технические характеристики клеммной коробки:
- 2 клеммные винтовые коробки (макс. сечение 2,5 мм²)
- напряжение питания 250В -

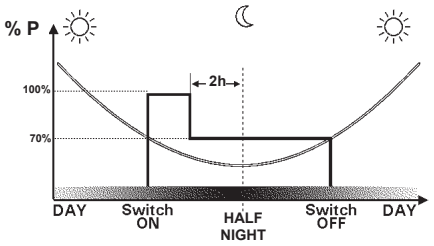
ZH 注意：不包括终端板。需要专业的技师进行安装。
接线排的技术特征：
-2路接线排（max.横截面2.5 mm2)
-承载电压250





DEFAULT: MIDDLE OF THE NIGHT

Example



IT Il profilo di dimmerazione notturna definito nel programma fa riferimento alla media annua della metà notte, che viene calcolato in base all'alba ed al tramonto teorici.
Per ottenere un riconoscimento corretto dell' orario alba-tramonto si consiglia di adottare sistemi di accensione e spegnimento del prodotto più fedeli possibile al calendario astronomico, es. fotocellula o timer collegato al calendario astronomico.

EN The dimming profile defined in the reference schedule is referenced to the annual average middle of the night, which is calculated based on the theoretical sunrise and sunset times.
To ensure that the dawn-dusk time is recognised correctly, it is advisable to use product activation/deactivation systems that match the astronomical calendar as close as possible, for example a photocell or timer linked to the astronomical calendar.

FR Le profil de gradation nocturne défini dans le programme se réfère à la moyenne annuelle de la mi-nuit, il est calculé en fonction du lever et du coucher du soleil théoriques.
Afin de relever exactement l'heure de lever et de coucher du soleil, il est conseillé d'utiliser des systèmes d'allumage et d'extinction du produit les plus fidèles possibles au calendrier astronomique tels que cellule photoélectrique ou minuterie reliée au calendrier astronomique.

DE Das im Programm definierte nächtliche Dimmprofil bezieht sich auf den jährlichen Durchschnittswert der Nachtmitte, welcher auf Grundlage des theoretischen Sonnenauf- und Sonnenuntergangs berechnet wird.
Zum Erhalt einer korrekten Erkennung der Zeiten des Sonnenauf- und Sonnenuntergangs empfiehlt sich die Anwendung von Ein- und Ausschaltsystemen des Produkts, die dem astronomischen Kalender möglichst getreu folgen, z.B. mit dem astronomischen Kalender verbundene Photozellen oder Timer.

NL Het profiel voor dimmen tijdens de nachtelijke uren dat gedefinieerd is in het programma, is gebaseerd op het jaargemiddelde midden in de nacht, dat berekend wordt op basis van de theoretische tijdstippen van de dageraad en de schemering.
Om een juiste herkenning van de tijdstippen van dageraad-schemering te verkrijgen wordt geadviseerd om in- en uitschakelsystemen met het product te gebruiken die zo goed mogelijk met de astronomische kalender overeenkomen, bijvoorbeeld een fotocel of timer die verbonden is met de astronomische kalender.

ES El perfil de regulación nocturna del programa se basa en el promedio anual de la mitad de la noche, que se calcula en base al alba y al ocaso teóricos.
Para el correcto reconocimiento del horario alba-ocaso, se recomienda adoptar sistemas de encendido y apagado del producto que se ajusten con la mayor precisión posible al calendario astronómico; por ejemplo, una fotocélula o un temporizador conectado al calendario astronómico.

DA Natdæmpningsprofilen, der er defineret i programmet, refererer til det årlige gennemsnit af midten af natten, som beregnes på baggrund af teoretisk solopgang og solnedgang.
For at få en korrekt genkendelse af solopgangs-/solnedgangstiden anbefales det at bruge systemer for tænding og slukning af produktet, som er så tro som muligt over for den astronomiske kalender, f.eks. fotocelle eller timer, som er forbundet til den astronomiske kalender.

NO Profilen for nattdimming som er definert i programmet refererer seg til gjennomsnittlig midnatt gjennom hele året, beregnet på grunnlag av teoretisk soloppgang og solnedgang.
For å få korrekt gjenkjenning av klokkeslettet for soloppgang/solnedgang, anbefaler vi at produktet tennes og slukkes ved hjelp av systemer som er så nøyaktige som mulig i forhold til den astronomiske kalenderen, f. eks. fotocelle eller timer koblet til den astronomiske kalenderen.

SV Nattdimmerprofilen som definieras i programmet avser det årliga genomsnittet för midnatt och baseras på teoretisk soluppgång och solnedgång.
För en korrekt identifiering av tiderna för gryning/skymning ska tändnings- och släckningssystem tillämpas för produkten som är så tillförlitliga som möjligt för den astronomiska kalendern, t.ex. fotocell eller timer som är ansluten till den astronomiska kalendern.

RU Профиль мощности освещения ночью, определенный в программе, относится к среднегодовому в в середине ночи, который рассчитывается на основании теоретических значений рассвета и заката.
Для правильного определения расписания от рассвета до заката рекомендуется использовать системы включения и выключения изделия, как можно более точно совпадающие с астрономическим календарем, например, фотоэлемент или таймер, соединенные с астрономическим календарем.

ZH 参考日程中定义的调光配置文件可参考夜晚的年平均值，其基于理论上的日出和日落时间计算得出。
为确保得出的黎明黄昏时间正确无误，建议使用最接近天文历的产品激活/禁用系统，例如与天文历相连的光电管和计时器。

IT Il prodotto riduce automaticamente il flusso luminoso nelle ore notturne in base alle accensioni e agli spegnimenti così come specificato nella seguente immagine.
- il profilo di dimmerazione inizia dopo 1 giorno di funzionamento
- La precisione del profilo si ha dopo 8 giorni di funzionamento

EN The product automatically reduces the luminous flux during the night based on switch on/off as shown in the figure below.
- The dimming profile starts after 1 day of operation
- Profile precision is achieved after 8 days of operation

FR Le produit baisse automatiquement le flux lumineux pendant les heures nocturnes sur labase des allumages et des extinctions comme expliqué dans l'image suivante.
- Le profil de gradation démarre après 1 jour de fonctionnement.
- La précision du profil est obtenue après 8 jours de fonctionnement.

DE Das Produkt reduziert automatisch den Lichtstrom während der Nachstunden, und zwar auf der Basis der Ein- und Ausschaltungen, wie in nachfolgender Abbildung gezeigt wird.
- Die Dimmprofil-Funktion ist nach einer Betriebsdauer von 1 Tag aktiv.
- Die Präzision des Profils ist nach einer Betriebsdauer von 8 Tagen erreicht.

NL Het apparaat beperkt de lichtstroom automatisch tijdens de nachturen, aan de hand van de onstekingen en de uitschakelingen, zoals wordt beschreven in de volgende afbeelding.
- Het profiel voor dimmen begint na 1 dag werking
- De nauwkeurigheid van het profiel wordt bereikt na 8 werkingsdagen

ES El producto reduce automáticamente el flujo luminoso en las horas nocturnas según los encendidos y los apagados como indicado en la imagen siguiente.
- El perfil de regulación se inicia después de 1 día de funcionamiento
- La precisión del perfil se obtiene después de 8 días de funcionamiento

DA Produktet reducerer automatisk lysstrømningen i nattetimerne alt efter tænd- og slutindgreb, som angivet i følgende billede.
- Natdæmpningsprofilen starter op efter 1 dag i funktion
- Præcisionsindstillingen af profilen indtræder efter 8 dage i funktion

NO Produktet reduserer automatisk lysstrømmen om natten avhengig av tenningene og slukkingene, som vist i figuren nedenfor.
- Profilen for nattdimming starter etter at den har fungert i 1 dag
- Profilen vil være helt presis etter 8 dager.

SV Produkten minskar automatiskt ljusstyrkan nattetid baserat på tändningarna och släckningarna, som visas i bilden nedan.
- Nattdimmerprofilen börjar efter 1 driftdag
- Profilens exakthet erhålls efter 8 driftdagar

RU Прибор автоматически сокращает световой поток в ночное время в зависимости от числа включений и выключений, как указано на следующем изображении.
- Функция профильного диммирования запускается через один день работы.
- Максимальная точность профиля достигается через 8 дней работы.

ZH 如下图所示，本产品在夜间会根据开/关自动降低光通量。
- 调光设置在运行 1 天后开启
- 设置精度在运行 8 天后实现

IT Sostituire lo schermo di protezione danneggiato, richiedendo le specifiche tecniche al costruttore. Non utilizzare l'apparecchio senza lo schermo.
Attenzione agli oggetti deteriorabili dai raggi U.V. .

EN Replace the damaged protective screen, requesting the technical specifications from the manufacturer. Do not use the luminaire without the screen.
Be careful of the objects that deteriorate when exposed to UV rays.

FR Remplacez l'écran de protection endommagé en demandant au fabricant les spécifications techniques correspondantes. N'utilisez pas l'appareil sans écran.
Attention aux objets craignant les rayons U.V.

DE Ein beschädigter Schutzschirm muß ersetzt werden. Verlangen Sie vom Hersteller Angaben hinsichtlich der technischen Daten. Die Leuchte darf auf keinen Fall ohne diesen Schirm eingesetzt werden.
Vorsicht bei Artikeln, die durch UV-Strahlen beschädigt werden könnten.

NL Vervang het protectiescherm als het beschadigd is en verlang van de fabrikant de juiste technische eigenschappen. Gebruik het apparaat niet zonder het scherm.
Wees voorzichtig met voorwerpen die door de ultraviolette stralen bedorven kunnen worden.

ES Sustituir la pantalla de protección dañada solicitando las respectivas especificaciones técnicas al fabricante. No utilizar el aparato sin la pantalla.
Cuidado con los objetos deteriorables por los rayos ultravioletas.

DA Udskift en beskadiget beskyttelsesskærm; og spørg fabrikanten til råds vedrørende de tekniske detaljer. Brug ikke armaturet uden skærm.
Vær opmærksom på genstande, der kan nedbrydes af U.V. stråler.

NO Skift ut ødelagte verneskjermer, be om tekniske spesifikasjoner fra produsenten. Ikke bruk lysarmaturen uten skjermen.
Vær forsiktig med gjenstander som forringes ved eksponering for UV-stråler.

SV Byt ut skadade skyddsskärmar. Rådfråga tillverkaren om tekniska specifikationer. Använd inte utrustningen utan skärmen.
Var försiktig med föremål som kan skadas av U.V.-strålar.

RU Замените поврежденный защитный экран, запросив у производителя технические спецификации. Не использовать прибор без экрана.
Обращайте внимание на предметы, которые могут быть повреждены под воздействием УФ излучения.

ZH 更换损坏的保护屏，向生产商索要技术规格。请勿使用无保护屏的光源。
请勿使用无保护屏的使用灯具。
注意那些受紫外线照射易损坏的物品。

ART. UD00 - UD01 - UD02 - UD04 - UD05 - UD06 - UD08 - UD09 - UD10
UD12 - UD13 - UD14 - UD16 - UD17 - UD18 - UD20 - UD21 - UD22 - UD23
UD24 - UD26 - UD27 - UD28 - UD30 - UD31 - UD32 - UD34 - UD35 - UD36
UD37 - UD38 - UD40 - UD41 - UD42 - UD44 - UD45 - UD46 - UD48 - UD49
UD50 - UD52 - UD53 - UD54 - UD56 - UD57 - UD58 - UD60 - UD61 - UD62
UD63 - UD64 - UD66 - UD67 - UD68 - UD70 - UD71 - UD72 - UD74 - UD75
UD76 - UD77 - UD78

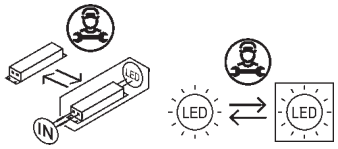
IT Attenzione, rischio di scossa elettrica
EN Caution, risk of electric shock
FR Attention, risque de choc électrique
DE Achtung, Stromschlaggefahr
NL Let op, gevaar voor elektrische schok
ES Atención: riesgo de descarga eléctrica
DA Advarsel: Fare for elektrisk stød
NO Forsiktig! Fare for elektrisk støt
SV Observera, risk för elstöt
RU Внимание, риск поражения электрическим током
ZH 小心，触电危险

SOSTITUZIONE DEL LED
REPLACING THE LED
REMPLACEMENT DE LA LED
AUSTAUSCHEN DER LED
VERVANGEN VAN DE LED
REEMPLAZO DEL LED
UDSKIFTNING AF LYSDIODE
BYTE AV LYSDIOD
UTSKIFTING AV DEN LYSEMITTERENDE DIODEN
Замена светодиода
发光二极管替换

IT N.B.: Per la sostituzione del LED contattare l'azienda iGuzzini.
EN N.B.: For information on LED replacement please contact iGuzzini.
FR N.B.: Pour procéder au remplacement de la LED, adressez-vous à la société iGuzzini.
DE Ñ.B.: Bezüglich des Austausches der LED kontaktieren Sie bitte die Firma iGuzzini.
NL N.B.: Voor het vervangen van de LED neemt u contact op met het bedrijf iGuzzini.
ES NOTA: Para sustituir el LED llame a la empresa iGuzzini.
DA N.B.: For udskiftning af lysdioden, skal man kontakte iGuzzini.
NO N.B.: For informasjon om skifte av LED, vennligst ta kontakt med iGuzzini.
SV OBS! För byte av lysdioden, kontakta företaget iGuzzini.
RU ПРИМЕЧАНИЕ: Для замены СИДов обращайтесь в компанию iGuzzini.
ZH 注意：如需LED更换的信息，请联系iGuzzini。

ART.	fattore di potenza power factor facteur de puissance Leistungsfaktor vermogensfactor factor de potencia effektfaktor effektfaktor effektfaktor фактор мощности 功率因数 λ	corrente assorbita absorbed current courant absorbé Stromaufnahme stroomopname corriente absorbida absorberet strøm absorbert strøm tillförd ström поглощаемая мощность 电源电流 A
UC99	>0,95	0,08
UD00	>0,95	0,09
UD01	>0,95	0,1
UD02	>0,95	0,14
UD03	>0,95	0,08
UD04	>0,95	0,09
UD05	>0,95	0,1
UD06	>0,95	0,14
UD07	>0,95	0,08
UD08	>0,95	0,09
UD09	>0,95	0,1
UD10	>0,95	0,14
UD11	>0,95	0,07
UD12	>0,9	0,08
UD13	>0,95	0,09
UD14	>0,95	0,12
UD15	>0,95	0,07
UD16	>0,9	0,08
UD17	>0,95	0,09
UD18	>0,95	0,12
UD19	>0,95	0,07
UD20	>0,9	0,08
UD21	>0,95	0,09
UD22	>0,95	0,12
UD23	>0,95	0,15
UD24	>0,95	0,17
UD25	>0,95	0,06
UD26	>0,9	0,07
UD27	>0,95	0,09
UD28	>0,95	0,12
UD29	>0,95	0,06
UD30	>0,9	0,07
UD31	>0,9	0,09
UD32	>0,95	0,12
UD33	>0,95	0,06
UD34	>0,9	0,07
UD35	>0,95	0,09
UD36	>0,95	0,12
UD37	>0,95	0,14
UD38	>0,95	0,17
UD39	>0,9	0,09
UD40	>0,9	0,1
UD41	>0,95	0,11
UD42	>0,95	0,14
UD43	>0,9	0,09
UD44	>0,9	0,1
UD45	>0,95	0,11
UD46	>0,95	0,14
UD47	>0,9	0,09
UD48	>0,9	0,1
UD49	>0,95	0,11
UD50	>0,95	0,14
UD51	>0,95	0,07
UD52	>0,9	0,09

UD53	**>0,9**	**0,1**
UD54	**>0,95**	**0,12**
UD55	**>0,95**	**0,07**
UD56	**>0,9**	**0,1**
UD57	**>0,9**	**0,1**
UD58	**>0,95**	**0,12**
UD59	**>0,95**	**0,07**
UD60	**>0,9**	**0,1**
UD61	**>0,9**	**0,1**
UD62	**>0,95**	**0,12**
UD63	**>0,95**	**0,15**
UD64	**>0,95**	**0,18**
UD65	**>0,95**	**0,06**
UD66	**>0,9**	**0,1**
UD67	**>0,9**	**0,1**
UD68	**>0,95**	**0,12**
UD69	**>0,95**	**0,06**
UD70	**>0,9**	**0,1**
UD71	**>0,9**	**0,1**
UD72	**>0,95**	**0,12**
UD73	**>0,95**	**0,06**
UD74	**>0,9**	**0,1**
UD75	**>0,9**	**0,1**
UD76	**>0,95**	**0,12**
UD77	**>0,95**	**0,14**
UD78	**>0,95**	**0,17**



Headquarters iGuzzini illuminazione spa
via Mariano Guzzini, 37 - 62019 Recanati Italy

DICHIARAZIONE DI CONFORMITA'

Inquinamento luminoso – Regione Veneto

DOC 2029/00 - LAB REV1 (11/20)

La ditta ----------iGuzzini illuminazione S.p.A.----------

----------Via Mariano Guzzini, 37----------

----------62019 RECANATI----------

dichiara sotto la propria responsabilità che gli articoli della famiglia Wow:
EC25; EC26; EC27; EC28; EC29; EC30; EC31; EC32; EC33; EC34; EC35; EC36; EC37; EC38; EC39; EC41; EC42; EC43; EC44; EC45; EC46; EC47; EC48; EC49; EC50; EC51; EC52; EC53; EC54; EC55; EC56; EC58; ED72; ED73; ED74; ED75; ED76; ED77; ED78; ED79; ED80; ED81; ED82; ED83; ED84; ED85; ED86; ED87; ED88; ED89; ED90; ED91; ED92; ED93; ED94; ED95; ED96; ED97; ED98; ED99; EE00; EE01; EE02; EE03; EE04; EE05; EE06; EE07.

al quale questa dichiarazione si riferisce, sono conformi, per orientamenti di 0° rispetto alla orizzontale (con emissione verso il basso), alle seguenti norme/altri documenti normativi/specifiche: criteri di valutazione degli apparecchi per la limitazione della dispersione verso l'alto del flusso luminoso:

Limiti generali: Intensità luminosa ≤ 0.49 cd/Klm a gamma 90° ed oltre. Sorgenti luminose al sodio ad alta o bassa pressione. Ammesse sorgenti led con efficienza ≥ 90 lm/W

e quindi rispondente ai requisiti delle direttive:

Regione Veneto – Legge regionale nr. 17 del 07/08/2009 (Art.9 comma 2a, 2b)

Recanati, 20/11/2020
(Luogo e data)

Stefano Petrocchi
(*Photometric Laboratory & Structural Analysis Manager*)

iGuzzini Illuminazione S.p.A.
62019 Recanati, Italy
Via Mariano Guzzini, 37
Certificazione ISO 9001

Telefono (+39) 071.75881
Telefax (+39) 071.7588295
e.mail: iguzzini@iguzzini.it
http://www.iguzzini.com

Capitale sociale
€ 20.000.000 i.v.
Codice fiscale, partita iva
(IT) 00082630435

CCIAA Macerata
R.I. 00082630435
R.E.A. 40632
Pos. Mecc. MC000416

Goniophotometer

Photometric Test Report

MSQ08/A 03 (Last update: 2019/09/26)

Summary:

Relevant Standards
UNI EN 13032-4:2015 (par. 1, 2, 3, 4, 5, 6, 8)

Prepared for
iGuzzini

Luminaire code number
ED79

Test Report number
TR04536/00

Date
2019-10-16

Prepared by	Approved by
Francesco Benedetti	Stefano Petrocchi

The results contained in this report pertain only to the tested sample.
This Report shall not be reproduced partially without the written approval of iGuzzini Illuminazione S.p.A.

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

General information

Test Report number: TR04536/00
Photometric file: PL38493/00

Luminaire code nr.: ED79
Product type: Wow
Product description: Outdoor luminaire with direct light asymmetric optic for increased visual comfort, designed to use LED lamps. With a 5 mm thick tempered sodium-calcium glass cover. Complete with circuit having monochrome LEDs and silver aluminium reflectors. Optic:A60

Ballast/Driver: LED POWER SUPPLY PHILIPS Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt

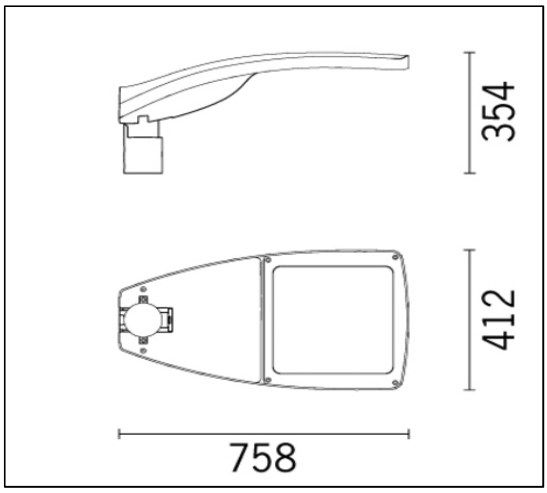
Led type: Osram Oslon Square GWCSSRM3.PM 3000 K (CRI 70 minimum)

Leds number: 48
Note: -

Electrical Ratings

Voltage:	230	[V]
Current:	-	[A]
Total System Power:	-	[W]
Frequency:	50	[Hz]

Pictures



iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Goniophotometer measurement

Test Results

Total Lumen Output:	12218.8	[lm]	**Voltage:**	229.99	[V]
Luminous efficacy:	119.4	[lm/W]	**Current:**	0.4531	[A]
			Total System Power:	102.35	[W]
			Power Factor:	0.98	[/]
			Frequency:	50	[Hz]

Measurement uncertainties

LED type: White LED
Type of Photometry: Absolute

Electrical power: ±1%

LOR: /
Luminous flux: ±4.1%
Luminous intensity "cd" ±4.1%
Luminous intensity "cd/klm" ±3.3%
Angular deviation: ±0.5°

Luminous efficacy: ±4.2%

The relative expanded uncertainty stated above are given with a level of confidence of 95 % and are obtained by multiplying the combined uncertainty with the coverage factor k=2.

Instruments

Goniophotometer: LMT GO-DS 2000 (mirror photogoniometer); Internal code: LAS100
Last calibration date: 2019/09; Calibration due date: 2021/09.

Photometer head: LMT Photometer head SP 30 S0T-1s; Internal code: LAS319
Last calibration date: 2019/08; Calibration due date: 2021/08.

Electrical parameters: Digital Power Meter - YOKOGAWA WT 310; Internal code: LAS300
Last calibration date: 2019/04; Calibration due date: 2020/03.

Ambient temperature: Thermo Hygrometer - Deltaohm HD 206/01; Internal code: LAS213
Last calibration date: 2019/03; Calibration due date: 2020/03.

Time: Digital Timer Casio HS-3V; Internal code: LAS344
Last calibration date: 2019/02; Calibration due date: 2020/02.

Air movement: Air Velocity Transducer - TSI Incorporated 8475-300-1; Internal code: LAS215
Last calibration date: 2019/01; Calibration due date: 2020/01.

Power supply: AC Power Supply - CHROMA mod. 6408; Internal code LAS225
-

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Test procedure

The measurement of luminous intensity distribution and luminous flux, were performed by using a type 3.1 mirror goniophotometer.
The procedure assumes that the luminous area of a light source is effectively a point source (far-field).
Luminous intensity measurements are derived from illuminance measurements according to the inverse square law.
The coordinate system centre is coincident with the photometric centre of the DUT.
The angular interval between readings of intensity (C, γ) are chosen in order to permit an acceptable accuracy, determined by the nature of distribution.

Test conditions

Photometer Distance: 14.676 m
Ambient temperature: 25°C±1.2°C
Air movement in the test area: < 0.2 m/s
Photometric centre: Center of the light emitting surface
Luminaire position: Light emitting surface downward.
Preburning time: -
Source stabilization time: 1 h 29 min
Total operating time: 2 h 22 min
Stray Light Screening: Stray light screening according to UNI EN 13032-4:2015 (Annex B)

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

RISULTATI FOTOMETRICI

Name:	ED79 (Wow)		
Number:	PL38493/00	**Diameter:**	0 mm
Report:	TR04536/00	**Length:**	310 mm
Test no.:	1	**Width:**	310 mm
Flux Meas:	12218.82 lm	**Height:**	0 mm
Date:	24/09/2019 13:12:44	**Operator:**	Roberto Cammertoni

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1123.7	1132.6	1143.4	1154.3	1165.2	1175.0	1184.9	1193.8	1203.8
4.00	1132.6	1151.4	1172.0	1192.8	1212.5	1232.2	1251.1	1267.8	1287.9
6.00	1150.5	1181.0	1211.5	1242.1	1272.7	1301.3	1329.1	1354.6	1385.9
8.00	1177.2	1218.5	1259.8	1300.3	1342.7	1383.2	1422.9	1458.2	1504.6
10.00	1204.9	1257.0	1311.0	1364.4	1418.7	1474.0	1528.6	1577.6	1643.1
12.00	1226.7	1291.6	1358.3	1425.6	1495.7	1567.7	1641.1	1710.7	1797.4
14.00	1245.5	1323.2	1401.7	1482.8	1570.6	1664.4	1764.6	1855.8	1962.6
16.00	1261.3	1350.8	1443.1	1538.1	1644.6	1763.0	1887.0	1996.9	2115.9
18.00	1278.2	1379.5	1482.5	1591.4	1716.7	1859.7	2003.5	2120.2	2250.4
20.00	1291.0	1405.1	1519.0	1642.7	1788.7	1951.5	2107.2	2230.7	2369.1
22.00	1311.8	1436.7	1562.4	1698.9	1865.6	2044.2	2203.0	2328.3	2475.0
24.00	1330.6	1467.4	1604.8	1758.1	1944.6	2132.0	2291.9	2418.1	2570.9
26.00	1349.5	1498.0	1648.1	1819.3	2025.5	2217.8	2376.8	2500.0	2656.0
28.00	1364.3	1523.6	1685.6	1877.5	2105.4	2306.6	2463.7	2581.9	2740.1
30.00	1381.1	1549.3	1722.1	1934.7	2182.3	2391.5	2554.5	2673.6	2835.0
32.00	1405.9	1582.9	1764.4	1993.9	2257.3	2475.3	2646.4	2777.2	2950.8
34.00	1439.6	1623.4	1811.8	2058.0	2330.3	2556.2	2737.2	2888.7	3087.3
36.00	1484.1	1676.7	1869.9	2131.0	2412.2	2642.1	2834.0	3012.0	3254.4
38.00	1534.6	1731.0	1929.1	2203.0	2490.1	2726.9	2935.7	3147.2	3454.3
40.00	1603.9	1803.1	1999.0	2278.0	2564.1	2815.7	3053.2	3313.9	3695.6
42.00	1691.0	1892.0	2076.9	2349.1	2629.3	2897.6	3181.6	3515.2	3966.7
44.00	1802.9	2007.5	2181.4	2435.9	2700.3	2991.3	3336.6	3771.7	4290.1
46.00	1924.7	2135.9	2300.7	2534.5	2781.2	3093.9	3518.3	4057.8	4647.2
48.00	2055.4	2279.0	2432.8	2651.9	2885.8	3230.1	3745.4	4392.3	5038.0
50.00	2182.1	2418.3	2567.8	2779.2	3017.0	3403.7	4009.1	4731.7	5392.1
52.00	2316.8	2567.4	2700.9	2910.4	3176.8	3640.5	4315.2	5080.9	5707.6
54.00	2415.8	2685.9	2809.3	3028.8	3354.4	3906.9	4621.3	5386.8	5974.7
56.00	2495.0	2784.6	2907.9	3137.3	3541.8	4193.0	4947.1	5613.7	6222.0
58.00	2554.4	2853.7	2976.9	3226.1	3729.3	4479.1	5243.4	5820.9	6459.4
60.00	2584.1	2903.1	3016.3	3295.2	3906.9	4725.7	5470.5	6037.9	6716.6
62.00	2594.0	2913.0	3026.2	3354.4	4054.9	4873.7	5579.1	6215.5	6954.0
64.00	2594.0	2903.1	3016.3	3413.6	4163.4	4942.8	5628.5	6304.3	7102.4
66.00	2569.2	2872.5	2960.1	3438.3	4195.0	4931.9	5613.7	6279.6	7003.5
68.00	2511.8	2806.3	2883.2	3420.5	4127.9	4847.1	5521.8	6088.2	6595.9
70.00	2374.2	2678.0	2776.8	3315.9	3979.9	4649.8	5271.0	5645.2	5890.7
72.00	2151.4	2465.7	2608.2	3110.7	3726.3	4300.5	4784.2	4919.1	4915.3
74.00	1874.2	2159.6	2365.7	2819.7	3337.6	3778.6	4085.1	4019.4	3878.6
76.00	1558.4	1801.1	2024.7	2422.1	2812.8	3077.2	3230.0	3107.7	2998.2
78.00	1228.7	1430.8	1591.0	1928.8	2142.9	2254.3	2292.9	2211.9	2176.2
80.00	943.5	1079.3	1196.7	1389.1	1456.2	1465.1	1464.4	1393.1	1347.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
82.00	638.6	689.2	767.9	830.7	853.4	858.3	811.7	771.5	719.1
84.00	291.9	312.7	342.3	353.7	359.0	355.1	325.1	253.7	189.6
86.00	65.7	76.0	71.9	65.6	58.6	49.5	39.1	32.8	29.4
88.00	4.3	4.3	4.1	3.6	2.7	1.7	1.1	1.1	1.4
90.00	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2
92.00	0.8	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2
94.00	0.9	0.8	0.6	0.5	0.4	0.3	0.3	0.2	0.2
96.00	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.3	0.2
98.00	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2
100.00	1.1	0.9	0.8	0.6	0.5	0.4	0.3	0.3	0.2
102.00	1.1	0.9	0.8	0.6	0.5	0.4	0.3	0.3	0.2
104.00	1.1	0.9	0.8	0.6	0.5	0.4	0.3	0.2	0.2
106.00	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2
108.00	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2
110.00	1.1	0.9	0.8	0.6	0.5	0.4	0.3	0.2	0.2
112.00	1.2	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2
114.00	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2
116.00	0.9	0.8	0.7	0.5	0.4	0.3	0.3	0.2	0.2
118.00	0.9	0.8	0.7	0.5	0.4	0.3	0.3	0.2	0.2
120.00	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2
122.00	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2
124.00	0.6	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.2
126.00	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2
128.00	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2
130.00	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1
132.00	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2
134.00	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1
136.00	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1
138.00	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2
140.00	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2
142.00	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2
144.00	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2
146.00	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.3
148.00	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3
150.00	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3
152.00	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4
154.00	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.4
156.00	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
158.00	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5
160.00	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6
162.00	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6
164.00	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7
166.00	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.7
168.00	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8
170.00	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
172.00	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9
174.00	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
176.00	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1
178.00	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1
180.00	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1210.5	1218.6	1226.5	1231.6	1236.9	1241.9	1244.8	1247.8	1249.9
4.00	1303.3	1319.4	1334.2	1347.5	1359.0	1367.9	1375.9	1382.8	1386.0
6.00	1409.8	1436.0	1459.8	1484.1	1504.9	1522.8	1538.7	1550.6	1557.9
8.00	1540.1	1579.3	1615.9	1652.4	1682.6	1709.4	1733.2	1753.1	1764.6
10.00	1695.9	1750.3	1796.8	1843.5	1884.1	1912.9	1938.7	1963.5	1978.2
12.00	1861.7	1924.3	1975.7	2024.7	2065.8	2093.6	2119.4	2146.2	2163.0
14.00	2035.3	2100.2	2149.6	2197.0	2236.5	2261.4	2286.2	2314.0	2331.9
16.00	2198.1	2265.2	2312.7	2355.4	2393.4	2415.2	2436.1	2463.9	2481.9
18.00	2339.2	2413.5	2465.9	2506.8	2539.3	2557.2	2576.0	2601.8	2621.0
20.00	2464.5	2548.9	2609.2	2655.4	2683.2	2696.2	2713.0	2739.8	2759.1
22.00	2577.0	2672.4	2742.6	2797.9	2832.2	2838.1	2852.0	2880.8	2901.2
24.00	2680.6	2787.1	2873.1	2944.5	2994.0	2998.9	3009.8	3041.6	3066.2
26.00	2775.3	2896.8	3002.5	3097.9	3170.7	3187.5	3193.5	3227.2	3257.9
28.00	2871.0	3013.4	3143.9	3272.2	3382.1	3423.8	3424.8	3461.5	3499.4
30.00	2979.5	3144.8	3310.9	3483.1	3642.2	3721.6	3721.6	3747.4	3791.5
32.00	3111.7	3311.9	3524.4	3748.4	3962.8	4086.9	4090.9	4089.9	4140.2
34.00	3280.4	3520.4	3785.3	4065.2	4335.1	4506.8	4518.7	4471.1	4526.7
36.00	3496.5	3781.3	4097.6	4430.5	4744.1	4954.5	4973.4	4870.1	4925.1
38.00	3759.9	4094.6	4453.4	4819.6	5163.0	5391.3	5417.1	5256.3	5309.6
40.00	4082.5	4466.2	4839.8	5218.6	5558.1	5784.4	5826.1	5620.6	5670.3
42.00	4433.7	4852.7	5212.4	5569.1	5883.7	6101.1	6170.6	5960.1	6001.2
44.00	4798.8	5229.2	5541.5	5853.3	6153.7	6367.1	6485.3	6301.6	6344.9
46.00	5125.3	5540.5	5796.5	6080.0	6389.0	6618.3	6792.0	6667.9	6706.6
48.00	5446.0	5782.7	6013.9	6291.9	6649.1	6925.0	7167.2	7115.6	7125.9
50.00	5739.0	5975.4	6223.5	6527.5	6943.9	7280.4	7585.2	7592.1	7544.2
52.00	6018.2	6216.6	6483.4	6841.4	7316.1	7723.1	8090.4	8140.1	7968.4
54.00	6304.3	6522.9	6799.7	7197.8	7713.2	8159.9	8576.9	8656.3	8316.2
56.00	6610.1	6908.4	7175.2	7613.6	8130.2	8566.9	9013.6	9093.1	8534.8
58.00	6945.6	7333.4	7590.3	8009.6	8467.7	8844.9	9261.8	9311.5	8544.7
60.00	7290.9	7728.7	7965.9	8296.8	8646.4	8894.5	9212.2	9192.3	8276.4
62.00	7567.1	7946.1	8114.1	8326.5	8517.3	8606.6	8785.3	8676.1	7710.1
64.00	7734.8	7936.2	7906.6	7960.1	7991.2	7921.7	7951.5	7752.9	6815.9
66.00	7580.9	7608.1	7299.8	7189.9	7105.7	6915.1	6860.5	6624.2	5776.6
68.00	6956.4	6875.8	6374.7	6061.2	5957.1	5752.7	5675.2	5456.8	4710.5
70.00	6033.0	5778.7	5336.0	4904.8	4848.3	4704.4	4648.8	4466.1	3783.5
72.00	4908.3	4612.5	4187.5	3899.9	3812.9	3740.5	3698.8	3548.9	2916.1
74.00	3826.0	3606.4	3212.1	2975.1	2921.5	2880.8	2846.0	2735.9	2156.0
76.00	2920.3	2771.3	2445.1	2177.2	2171.0	2176.0	2184.9	2091.6	1590.7
78.00	2124.1	2004.3	1818.5	1642.5	1557.5	1637.0	1651.8	1516.8	1126.7
80.00	1398.0	1396.5	1270.0	1074.2	908.3	809.0	812.0	703.8	534.5
82.00	650.2	572.2	448.7	322.8	228.3	172.7	153.9	133.0	107.3
84.00	141.8	106.2	81.2	62.3	48.7	40.8	36.4	35.5	31.6
86.00	26.8	22.5	19.0	15.8	13.6	13.1	11.8	10.9	10.5
88.00	1.8	1.8	1.7	1.5	1.2	0.8	0.5	0.4	0.3
90.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
92.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
104.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
106.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
108.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
110.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
112.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
114.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
118.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
146.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
148.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150.00	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152.00	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
154.00	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
158.00	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160.00	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
162.00	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
164.00	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
166.00	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
168.00	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
170.00	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
172.00	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
174.00	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
176.00	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
178.00	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
180.00	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1249.9	1249.1	1247.5	1244.7	1239.4	1235.4	1230.5	1224.8	1215.9
4.00	1388.0	1386.5	1381.2	1376.7	1367.0	1356.1	1345.3	1329.9	1313.0
6.00	1560.9	1557.7	1549.9	1539.6	1521.6	1501.6	1480.0	1454.0	1427.2
8.00	1769.6	1764.7	1752.5	1735.6	1708.0	1675.1	1640.7	1601.0	1559.4
10.00	1984.2	1979.7	1965.0	1944.5	1911.4	1872.6	1830.3	1778.2	1724.7
12.00	2170.0	2166.8	2150.7	2129.5	2095.9	2057.0	2012.9	1957.3	1900.9
14.00	2339.9	2337.0	2321.3	2300.5	2267.4	2230.5	2186.6	2131.4	2077.2
16.00	2492.9	2490.3	2474.0	2455.4	2424.9	2390.1	2347.3	2293.5	2243.5
18.00	2633.0	2630.7	2615.7	2597.4	2567.5	2535.6	2495.0	2443.6	2395.7
20.00	2774.1	2773.0	2756.4	2741.4	2710.1	2680.2	2642.7	2590.7	2536.9

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
22.00	2918.1	2914.3	2895.2	2880.3	2847.7	2819.8	2783.4	2720.8	2659.1
24.00	3089.0	3082.5	3058.8	3040.3	3003.3	2977.3	2930.1	2850.9	2773.3
26.00	3287.7	3276.6	3246.5	3221.2	3180.8	3148.8	3081.8	2976.9	2880.5
28.00	3537.1	3521.5	3482.0	3450.2	3408.1	3357.2	3255.4	3115.0	2989.6
30.00	3837.2	3815.1	3766.4	3729.1	3694.3	3607.5	3462.0	3272.1	3110.8
32.00	4196.8	4162.5	4102.7	4075.0	4044.2	3917.6	3714.5	3474.3	3267.0
34.00	4591.3	4544.7	4474.0	4470.9	4447.1	4271.6	4015.9	3716.4	3459.3
36.00	4997.7	4940.8	4863.2	4903.8	4890.8	4673.4	4370.2	4016.6	3702.7
38.00	5391.1	5319.1	5231.4	5329.7	5327.5	5085.2	4750.4	4353.9	3996.2
40.00	5764.7	5675.4	5575.8	5728.6	5731.3	5484.1	5140.6	4729.1	4346.7
42.00	6106.5	6000.9	5883.1	6069.6	6050.4	5811.1	5480.9	5090.3	4718.3
44.00	6470.1	6345.2	6195.5	6379.5	6313.6	6074.3	5766.4	5428.6	5106.9
46.00	6844.7	6713.5	6538.8	6692.4	6551.0	6286.7	5990.9	5715.7	5475.5
48.00	7273.9	7148.5	6964.0	7059.3	6815.2	6507.1	6203.5	5975.9	5801.0
50.00	7682.3	7596.4	7439.0	7468.2	7131.3	6772.3	6451.0	6234.1	6073.4
52.00	8087.7	8062.2	7983.9	7938.1	7518.1	7119.3	6786.3	6554.3	6349.8
54.00	8385.7	8460.3	8492.9	8408.0	7946.9	7528.1	7185.5	6914.5	6660.3
56.00	8544.7	8719.1	8922.0	8827.9	8365.7	7976.8	7644.6	7314.8	7020.9
58.00	8505.0	8758.9	9151.5	9127.8	8704.7	8365.7	8063.7	7725.1	7381.4
60.00	8216.8	8490.2	9091.7	9167.8	8854.3	8605.0	8403.0	8085.3	7691.9
62.00	7660.4	7873.1	8652.5	8867.9	8664.8	8575.1	8492.9	8255.4	7862.2
64.00	6806.0	6947.4	7814.2	8148.1	8106.4	8166.3	8233.4	8125.3	7842.1
66.00	5793.5	5887.4	6747.4	7107.3	7171.1	7366.6	7553.8	7619.0	7597.7
68.00	4691.6	4838.3	5584.7	5922.6	6013.5	6247.8	6484.9	6767.4	7045.9
70.00	3677.2	3948.5	4572.8	4848.9	4922.7	5111.1	5275.4	5736.8	6119.5
72.00	2733.3	3106.4	3618.7	3862.1	3919.6	4045.2	4160.6	4596.0	4952.7
74.00	1981.2	2344.0	2807.3	2992.3	3038.2	3087.0	3239.5	3529.3	3923.1
76.00	1491.4	1708.0	2168.6	2272.5	2289.3	2332.2	2355.2	2678.8	3012.7
78.00	1099.9	1186.4	1605.8	1725.6	1720.0	1623.3	1711.5	1938.3	2176.4
80.00	529.6	571.3	819.3	971.8	1018.0	1056.9	1189.6	1342.9	1451.2
82.00	105.3	124.4	172.7	229.9	264.2	335.0	452.1	615.4	746.2
84.00	30.9	36.2	43.4	51.5	54.4	63.3	80.5	120.4	175.9
86.00	10.2	14.1	16.5	20.2	23.2	26.0	28.6	32.3	40.0
88.00	0.3	0.3	0.6	1.1	2.1	3.8	5.7	7.4	9.0
90.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
92.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
94.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
96.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
98.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
100.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
104.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
106.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
108.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
110.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
112.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
114.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
116.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
118.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
120.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
128.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
130.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
134.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
140.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
142.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
144.00	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
146.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3
148.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
150.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
152.00	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
154.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5
156.00	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6
158.00	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.7
160.00	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7
162.00	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7
164.00	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8
166.00	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
168.00	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
170.00	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0
172.00	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
174.00	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
176.00	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1
178.00	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
180.00	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1208.9	1200.1	1191.7	1181.7	1171.8	1161.8	1151.8	1140.8	1129.8
4.00	1298.2	1279.4	1261.6	1241.7	1221.9	1201.8	1180.8	1159.8	1136.8
6.00	1401.4	1369.8	1343.5	1312.7	1282.0	1251.8	1220.8	1189.8	1156.8
8.00	1521.7	1476.2	1439.4	1395.7	1355.1	1314.9	1272.8	1231.9	1186.9
10.00	1673.1	1609.8	1557.2	1497.6	1443.2	1389.9	1334.9	1282.0	1224.1
12.00	1838.5	1759.4	1691.1	1611.6	1537.4	1466.0	1397.9	1333.1	1264.2
14.00	2013.9	1926.1	1842.9	1737.6	1637.5	1545.0	1460.0	1381.1	1299.3
16.00	2178.3	2080.8	1985.8	1858.6	1733.7	1619.1	1515.0	1424.2	1328.4
18.00	2324.7	2223.4	2119.6	1978.5	1832.8	1692.1	1570.0	1465.3	1359.5
20.00	2457.0	2345.9	2232.5	2084.5	1927.0	1764.2	1623.1	1506.3	1390.6
22.00	2567.3	2448.3	2329.4	2175.5	2016.1	1839.2	1680.1	1552.4	1427.8
24.00	2666.5	2539.7	2418.3	2263.5	2105.3	1920.3	1745.1	1604.5	1469.9
26.00	2756.7	2622.1	2499.2	2348.4	2193.4	2005.3	1813.2	1658.6	1516.0
28.00	2849.9	2702.4	2580.1	2434.4	2281.5	2092.4	1883.2	1714.7	1562.2
30.00	2948.2	2790.8	2666.0	2522.4	2367.7	2173.4	1953.3	1771.7	1613.4
32.00	3069.5	2897.2	2762.9	2612.4	2454.8	2256.5	2027.3	1830.8	1665.5
34.00	3217.8	3018.7	2865.8	2702.4	2538.9	2339.5	2104.4	1896.9	1726.7
36.00	3411.3	3170.4	2979.6	2799.3	2629.1	2425.6	2188.4	1972.0	1799.0
38.00	3649.9	3350.1	3107.5	2898.3	2716.2	2508.6	2270.5	2048.2	1874.2
40.00	3948.6	3578.1	3260.3	3013.3	2808.3	2590.7	2354.5	2130.3	1959.5
42.00	4285.4	3839.2	3443.1	3139.3	2895.5	2665.7	2436.6	2215.4	2052.8

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
44.00	4665.4	4150.5	3680.9	3290.2	2990.6	2745.8	2523.7	2316.6	2168.2
46.00	5044.3	4512.0	3966.5	3467.2	3096.8	2829.9	2621.7	2432.8	2296.6
48.00	5412.2	4922.8	4290.2	3673.1	3216.0	2925.9	2730.8	2558.0	2432.1
50.00	5763.0	5314.4	4624.8	3903.1	3352.2	3031.0	2839.9	2675.1	2559.5
52.00	6094.8	5663.9	4964.4	4149.0	3525.4	3152.1	2941.9	2784.3	2688.9
54.00	6385.6	5925.0	5244.1	4379.0	3705.7	3262.1	3022.0	2864.4	2779.2
56.00	6646.2	6125.8	5443.9	4628.9	3906.0	3362.2	3072.0	2924.5	2849.5
58.00	6866.7	6266.4	5583.7	4848.9	4086.3	3462.3	3102.0	2944.6	2879.6
60.00	7067.2	6386.9	5693.6	5028.8	4256.6	3532.3	3092.0	2924.5	2869.5
62.00	7217.6	6507.4	5793.5	5098.8	4346.7	3582.3	3052.0	2874.4	2839.4
64.00	7327.9	6607.9	5823.4	5068.8	4366.7	3612.4	3012.0	2794.3	2769.2
66.00	7275.7	6554.6	5742.5	4980.8	4330.7	3607.4	2964.9	2691.2	2673.9
68.00	6889.8	6304.6	5602.7	4874.9	4239.6	3553.3	2912.9	2571.0	2559.5
70.00	6157.0	5833.6	5328.0	4718.9	4090.3	3444.3	2846.9	2436.8	2418.0
72.00	5176.6	5076.4	4830.6	4432.0	3860.0	3277.1	2720.8	2282.5	2234.4
74.00	4123.0	4117.4	4143.3	3964.1	3534.5	3031.0	2533.7	2106.3	2001.7
76.00	3168.7	3216.6	3308.3	3339.2	3069.7	2705.8	2299.5	1905.9	1724.7
78.00	2296.6	2379.0	2439.3	2525.4	2455.8	2261.5	1975.3	1636.5	1417.7
80.00	1512.7	1551.5	1608.2	1688.6	1731.7	1699.1	1556.0	1293.0	1113.7
82.00	805.0	828.5	884.0	970.8	1042.6	1101.7	1069.7	944.5	815.7
84.00	223.7	306.6	405.0	467.2	526.3	565.0	584.6	557.6	496.6
86.00	49.2	57.9	73.4	99.2	124.9	138.2	152.8	155.2	167.9
88.00	10.5	12.3	13.8	15.4	18.3	20.3	22.1	25.0	33.0
90.00	0.2	0.2	0.2	0.2	0.3	0.5	1.0	1.5	1.9
92.00	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.6	0.7
94.00	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.8
96.00	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.9
98.00	0.2	0.2	0.2	0.3	0.3	0.5	0.6	0.8	1.0
100.00	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.0
102.00	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1
104.00	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1
106.00	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1
108.00	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1
110.00	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.0	1.2
112.00	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.0	1.2
114.00	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
116.00	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
118.00	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1
120.00	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8	1.0
122.00	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8
124.00	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8
126.00	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.7
128.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6
130.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6
132.00	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.6
134.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5
136.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5
138.00	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6
140.00	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8
142.00	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.7	0.8
144.00	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9
146.00	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.0

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
148.00	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
150.00	0.4	0.5	0.6	0.6	0.8	0.9	1.0	1.1	1.2
152.00	0.5	0.6	0.6	0.7	0.8	0.9	1.1	1.2	1.3
154.00	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4
156.00	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.5
158.00	0.7	0.8	0.9	0.9	1.0	1.2	1.3	1.4	1.5
160.00	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
162.00	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.4
164.00	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3
166.00	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
168.00	1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4
170.00	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4
172.00	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4
174.00	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4
176.00	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4
178.00	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4
180.00	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1119.8	1107.7	1097.6	1087.6	1078.4	1070.2	1061.0	1051.9	1044.6
4.00	1115.8	1094.6	1075.5	1056.4	1037.0	1019.7	1001.4	983.2	969.5
6.00	1124.7	1093.6	1062.5	1034.3	1005.7	977.2	948.8	920.4	895.3
8.00	1145.5	1103.7	1063.5	1023.2	983.5	942.9	903.2	863.8	829.4
10.00	1171.3	1118.7	1066.5	1016.2	962.3	911.5	859.8	810.2	767.4
12.00	1200.1	1134.8	1070.5	1009.2	945.2	882.2	822.3	763.7	712.6
14.00	1222.9	1145.8	1070.5	997.1	922.0	849.9	779.8	714.1	659.8
16.00	1239.8	1151.9	1066.5	981.0	896.8	814.5	736.4	669.6	613.1
18.00	1259.6	1159.9	1062.5	967.9	872.6	781.2	701.0	630.1	564.4
20.00	1280.4	1169.9	1060.5	953.9	848.4	748.8	666.6	586.7	515.7
22.00	1307.2	1186.0	1064.5	946.8	828.2	724.6	633.2	547.2	472.0
24.00	1339.9	1205.1	1071.5	939.8	811.0	701.3	599.8	506.7	429.4
26.00	1374.7	1228.2	1082.6	935.8	799.9	679.1	570.5	474.4	375.6
28.00	1412.3	1254.3	1095.6	934.8	790.9	657.9	542.1	432.9	335.0
30.00	1454.0	1285.4	1113.7	937.8	782.8	639.7	519.9	387.4	315.7
32.00	1499.6	1318.6	1131.8	943.8	773.7	622.5	477.4	367.2	301.5
34.00	1555.2	1362.7	1159.9	955.9	769.7	608.4	448.1	356.0	292.4
36.00	1621.6	1416.0	1195.0	974.0	771.7	590.2	440.0	350.0	284.2
38.00	1691.0	1471.2	1229.2	989.1	772.7	565.9	438.0	344.9	277.1
40.00	1772.4	1537.5	1271.4	1009.2	778.8	567.9	439.0	341.9	269.0
42.00	1864.6	1611.8	1317.6	1028.3	772.7	575.0	443.0	338.8	261.9
44.00	1976.7	1699.2	1369.8	1050.4	771.7	584.1	446.1	334.8	255.8
46.00	2098.7	1790.6	1421.0	1072.5	785.8	594.2	449.1	330.8	251.8
48.00	2224.6	1877.9	1465.2	1089.6	800.9	604.3	449.1	325.7	249.7
50.00	2341.7	1957.3	1501.3	1099.6	818.1	614.4	447.1	322.7	250.7
52.00	2459.7	2028.6	1536.5	1115.7	837.3	626.5	455.2	333.8	263.9
54.00	2549.0	2078.8	1546.5	1135.8	857.4	636.7	445.0	333.8	263.9
56.00	2608.5	2098.9	1556.6	1145.9	877.6	636.7	445.0	333.8	274.1
58.00	2638.2	2108.9	1546.5	1155.9	887.7	636.7	445.0	343.9	284.2
60.00	2648.1	2088.8	1536.5	1166.0	887.7	626.5	455.2	354.0	294.4
62.00	2638.2	2058.7	1516.4	1176.0	877.6	626.5	455.2	354.0	304.5
64.00	2588.6	2008.5	1486.3	1166.0	857.4	616.4	455.2	364.1	304.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
66.00	2535.1	1937.2	1442.1	1129.8	826.2	596.2	451.1	362.1	301.5
68.00	2464.7	1853.8	1389.9	1079.5	781.8	577.0	444.0	360.1	297.4
70.00	2356.6	1742.3	1319.6	1002.1	729.3	550.8	428.9	351.0	286.3
72.00	2181.0	1595.7	1222.2	898.6	667.8	512.4	402.6	331.8	268.0
74.00	1925.1	1433.0	1088.6	780.0	596.2	462.8	367.2	305.5	241.6
76.00	1624.6	1264.3	916.9	656.4	516.5	401.2	324.7	271.1	211.1
78.00	1305.2	1067.5	709.0	529.7	422.7	329.4	274.1	229.6	174.6
80.00	1013.6	855.6	510.2	411.1	327.8	257.7	220.5	183.1	136.0
82.00	743.9	598.5	336.4	289.5	230.0	185.9	162.8	133.5	94.4
84.00	454.4	320.7	199.7	178.4	143.3	120.1	106.6	85.1	56.5
86.00	156.3	114.3	94.9	83.9	70.4	61.8	54.3	38.3	21.7
88.00	30.5	29.1	26.8	23.3	18.0	12.5	8.8	5.2	2.4
90.00	2.2	2.2	2.0	1.7	1.5	1.4	1.3	1.4	1.4
92.00	0.8	1.0	1.1	1.2	1.4	1.5	1.6	1.6	1.6
94.00	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	1.9
96.00	1.1	1.2	1.4	1.6	1.8	2.0	2.1	2.2	2.2
98.00	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.4	2.4
100.00	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.6
102.00	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.6	2.7
104.00	1.3	1.5	1.7	1.9	2.1	2.4	2.5	2.7	2.8
106.00	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.8
108.00	1.3	1.5	1.7	1.9	2.2	2.4	2.5	2.7	2.8
110.00	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.0
112.00	1.4	1.7	1.9	2.2	2.4	2.6	2.8	2.9	3.0
114.00	1.3	1.5	1.7	2.0	2.2	2.4	2.6	2.7	2.8
116.00	1.3	1.5	1.7	1.9	2.2	2.4	2.6	2.7	2.8
118.00	1.2	1.5	1.7	1.9	2.1	2.4	2.7	2.8	2.9
120.00	1.1	1.3	1.5	1.6	1.9	2.1	2.3	2.5	2.6
122.00	1.0	1.1	1.3	1.4	1.6	1.8	2.0	2.2	2.3
124.00	0.9	1.0	1.1	1.3	1.4	1.6	1.8	2.0	2.1
126.00	0.8	0.9	1.1	1.2	1.3	1.4	1.6	1.8	1.9
128.00	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7
130.00	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
132.00	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
134.00	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2
136.00	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1
138.00	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.4
140.00	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6
142.00	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5
144.00	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
146.00	1.1	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
148.00	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2
150.00	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3
152.00	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.3	2.4
154.00	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5
156.00	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.3	2.4
158.00	1.6	1.7	1.9	1.9	2.0	2.1	2.2	2.3	2.4
160.00	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.1	2.2
162.00	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0
164.00	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9
166.00	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8
168.00	1.4	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
170.00	1.5	1.5	1.6	1.7	1.8	1.8	1.8	1.9	1.9
172.00	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0
174.00	1.5	1.5	1.6	1.7	1.7	1.8	1.9	1.9	1.9
176.00	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9
178.00	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.9
180.00	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1036.2	1030.4	1023.2	1018.3	1014.3	1011.1	1007.8	1006.1	1003.6
4.00	953.8	940.0	926.6	915.8	907.9	901.4	894.9	891.5	889.5
6.00	871.3	848.6	828.1	812.4	798.5	787.7	779.0	772.8	769.4
8.00	796.0	765.4	736.6	715.0	696.1	681.2	669.2	660.3	655.3
10.00	723.7	685.2	650.3	623.7	602.9	587.8	575.6	566.9	562.4
12.00	662.6	621.3	585.2	555.8	528.9	508.6	492.2	480.7	474.5
14.00	610.7	563.4	519.2	482.8	452.9	428.4	409.8	397.6	389.7
16.00	555.8	502.5	455.2	415.8	383.0	356.3	336.6	321.5	314.0
18.00	503.9	447.7	399.3	357.0	322.2	292.4	270.5	256.6	248.4
20.00	451.9	394.9	342.4	293.1	261.4	238.6	222.7	211.0	204.0
22.00	407.2	338.0	285.5	252.5	227.0	207.1	192.2	181.5	174.7
24.00	346.1	289.3	252.0	224.1	201.6	183.7	170.9	161.3	154.5
26.00	306.4	261.9	229.6	204.9	184.4	168.5	155.6	147.1	140.3
28.00	283.0	242.6	213.4	189.7	170.2	155.3	144.4	134.9	130.2
30.00	266.7	228.4	200.2	177.5	160.1	146.2	135.3	126.8	121.2
32.00	254.5	216.2	189.0	167.3	151.0	138.1	128.1	120.7	115.1
34.00	244.3	205.1	177.8	158.2	142.9	132.0	123.1	115.6	110.1
36.00	235.1	195.9	169.7	151.1	136.8	126.9	119.0	111.6	106.0
38.00	226.0	187.8	163.6	145.0	132.7	122.8	114.9	107.5	103.0
40.00	217.8	180.7	157.5	140.0	128.7	118.8	111.9	105.5	101.0
42.00	210.7	175.6	153.4	136.9	124.6	115.7	108.8	102.4	97.9
44.00	206.6	172.6	150.4	132.9	121.6	112.7	106.8	99.4	95.9
46.00	203.6	171.6	148.3	130.8	118.6	109.6	103.7	97.4	92.9
48.00	203.6	170.5	146.3	127.8	115.5	106.6	99.7	94.3	89.9
50.00	206.6	172.6	145.3	124.7	112.5	103.5	96.6	91.3	86.8
52.00	213.8	182.7	152.4	131.8	111.5	111.7	101.7	91.3	90.9
54.00	223.9	182.7	152.4	131.8	111.5	101.5	91.5	91.3	80.8
56.00	223.9	182.7	142.2	121.7	101.3	91.4	91.5	81.1	80.8
58.00	234.1	182.7	142.2	121.7	101.3	91.4	81.4	81.1	70.7
60.00	234.1	182.7	142.2	111.6	91.2	91.4	81.4	71.0	70.7
62.00	244.3	182.7	132.1	111.6	91.2	81.2	71.2	71.0	60.6
64.00	244.3	172.6	132.1	101.4	91.2	71.1	71.2	60.9	50.5
66.00	230.0	163.4	118.9	90.3	73.0	62.9	55.9	43.6	32.3
68.00	221.9	155.3	111.8	83.2	64.9	52.8	44.7	34.5	27.3
70.00	208.7	145.2	102.6	71.0	52.7	41.6	32.5	25.4	21.2
72.00	191.4	132.0	84.3	57.8	40.5	29.4	22.4	16.2	14.1
74.00	171.0	109.6	69.1	44.6	30.4	20.3	14.2	10.1	9.1
76.00	145.6	87.3	53.9	34.5	20.3	12.2	9.2	7.1	5.0
78.00	113.0	68.0	41.7	24.3	14.2	8.1	6.1	5.1	3.0
80.00	84.5	49.7	29.5	16.2	9.1	6.1	5.1	3.0	2.0
82.00	58.0	34.5	19.3	10.1	6.1	4.1	4.1	3.0	2.0
84.00	33.7	18.7	8.1	4.8	2.8	2.1	1.4	1.0	0.7
86.00	11.3	4.7	2.4	1.5	1.2	0.9	0.7	0.6	0.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
88.00	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.6
90.00	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8
92.00	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9
94.00	1.9	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.1
96.00	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3
98.00	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.5
100.00	2.6	2.5	2.4	2.2	2.0	1.9	1.8	1.7	1.6
102.00	2.7	2.6	2.5	2.3	2.1	2.0	1.9	1.8	1.7
104.00	2.8	2.7	2.6	2.4	2.2	2.1	2.0	2.0	1.9
106.00	2.8	2.7	2.6	2.4	2.3	2.1	2.1	2.1	2.0
108.00	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.2
110.00	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
112.00	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.6	2.6
114.00	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6
116.00	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
118.00	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.5	2.4
120.00	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.3	2.3
122.00	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2
124.00	2.2	2.2	2.3	2.2	2.2	2.2	2.1	2.1	2.1
126.00	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
128.00	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	1.9
130.00	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
132.00	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
134.00	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5
136.00	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.4
138.00	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5
140.00	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9
142.00	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6
144.00	1.9	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9
146.00	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
148.00	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
150.00	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5
152.00	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.5
154.00	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.5
156.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
158.00	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
160.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
162.00	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9
164.00	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8
166.00	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
168.00	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8
170.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
172.00	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.0
174.00	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
176.00	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
178.00	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
180.00	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1004.0	1004.5	1005.4	1008.6	1011.6	1014.9	1021.1	1027.6	1033.5
4.00	889.3	892.3	895.2	900.6	906.5	915.1	926.6	939.5	951.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
6.00	768.6	771.1	775.8	784.5	793.3	807.3	823.9	844.3	866.1
8.00	654.9	658.9	665.5	675.5	689.2	706.5	730.4	758.2	786.9
10.00	561.4	564.9	571.5	582.6	596.2	614.8	639.8	672.0	707.7
12.00	472.8	477.0	483.5	496.7	514.4	538.2	568.4	601.9	637.6
14.00	387.3	392.1	401.6	415.0	435.6	460.6	493.0	532.8	575.4
16.00	311.9	316.3	325.7	341.3	362.8	389.0	423.5	463.7	509.2
18.00	246.5	249.6	257.9	271.6	294.1	324.5	361.2	401.6	448.1
20.00	202.2	205.1	212.4	223.1	238.5	260.0	291.8	341.5	391.0
22.00	173.0	175.8	181.1	190.8	205.1	222.7	246.5	277.4	328.8
24.00	152.9	155.6	160.8	169.6	180.9	195.5	215.3	240.4	273.7
26.00	138.8	141.5	146.7	154.5	165.7	178.4	195.2	215.3	243.6
28.00	127.8	130.4	135.5	143.4	152.6	164.3	179.1	197.3	222.5
30.00	119.7	122.3	127.4	134.3	143.5	154.2	167.0	183.3	206.5
32.00	113.7	115.2	120.4	127.2	135.4	144.1	155.9	171.3	194.5
34.00	108.7	110.2	115.3	122.2	129.4	138.1	147.9	162.3	184.4
36.00	104.6	107.1	111.3	117.1	124.3	132.0	141.9	154.2	176.4
38.00	101.6	103.1	108.2	114.1	120.3	127.0	135.8	148.2	168.4
40.00	99.6	101.1	105.2	111.1	116.2	123.0	130.8	143.2	162.4
42.00	96.6	98.0	103.2	108.0	113.2	118.9	126.8	138.2	157.4
44.00	94.6	96.0	100.1	105.0	110.2	114.9	122.7	134.2	153.4
46.00	91.5	93.0	97.1	101.0	106.1	110.9	118.7	130.2	149.4
48.00	88.5	89.9	94.1	97.9	102.1	106.8	114.7	126.2	145.4
50.00	85.5	86.9	90.0	93.9	98.0	102.8	109.7	122.2	142.3
52.00	90.5	91.0	91.0	90.9	101.1	100.8	110.7	120.2	140.3
54.00	80.5	80.8	91.0	90.9	91.0	100.8	110.7	120.2	140.3
56.00	80.5	80.8	80.9	80.8	91.0	90.7	100.6	110.2	140.3
58.00	70.4	70.7	80.9	80.8	80.8	90.7	100.6	110.2	130.3
60.00	70.4	70.7	70.8	70.7	80.8	80.6	90.5	100.2	130.3
62.00	60.4	60.6	70.8	70.7	70.7	70.5	80.5	100.2	120.3
64.00	50.3	50.5	50.6	60.6	60.6	70.5	70.4	90.1	110.3
66.00	38.2	32.3	41.5	50.5	53.6	56.4	64.4	77.1	99.2
68.00	31.2	27.3	33.4	40.4	43.5	48.4	57.3	70.1	91.2
70.00	24.1	21.2	25.3	29.3	34.4	39.3	46.3	62.1	83.2
72.00	17.1	14.1	16.2	21.2	25.3	30.2	38.2	50.1	72.2
74.00	9.1	9.1	10.1	13.1	17.2	22.2	29.2	40.1	58.1
76.00	5.0	5.1	6.1	9.1	11.1	15.1	22.1	31.0	46.1
78.00	2.0	3.0	5.1	6.1	7.1	11.1	16.1	23.0	35.1
80.00	1.0	2.0	3.0	5.0	6.1	7.1	11.1	17.0	25.1
82.00	2.0	2.0	3.0	3.0	5.1	5.0	8.0	11.0	17.0
84.00	0.8	0.6	1.0	1.4	2.0	2.5	3.3	4.8	7.8
86.00	0.6	0.6	0.6	0.8	0.9	1.2	1.4	1.6	2.1
88.00	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2
90.00	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4
92.00	0.9	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.6
94.00	1.1	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9
96.00	1.3	1.2	1.3	1.5	1.6	1.8	1.9	2.0	2.1
98.00	1.4	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3
100.00	1.5	1.5	1.5	1.7	1.8	2.0	2.1	2.3	2.4
102.00	1.7	1.6	1.6	1.8	1.9	2.0	2.1	2.3	2.4
104.00	1.8	1.7	1.7	1.8	1.9	2.0	2.2	2.3	2.4
106.00	1.9	1.8	1.8	1.9	2.0	2.0	2.1	2.3	2.4
108.00	2.1	2.0	1.9	2.0	2.1	2.1	2.2	2.3	2.4

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
110.00	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.5	2.6
112.00	2.5	2.5	2.4	2.5	2.5	2.5	2.6	2.7	2.7
114.00	2.5	2.5	2.4	2.5	2.5	2.4	2.4	2.4	2.4
116.00	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
118.00	2.3	2.3	2.3	2.4	2.5	2.4	2.5	2.5	2.5
120.00	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
122.00	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9
124.00	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8
126.00	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7
128.00	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.4
130.00	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2
132.00	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3
134.00	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.0
136.00	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9
138.00	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.1
140.00	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2
142.00	1.6	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1
144.00	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3
146.00	2.2	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.5
148.00	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7
150.00	2.5	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8
152.00	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.0	1.9
154.00	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.0	1.9
156.00	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
158.00	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8
160.00	2.1	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7
162.00	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.6
164.00	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
166.00	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5
168.00	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6
170.00	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7
172.00	2.0	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9
174.00	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9
176.00	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9
178.00	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
180.00	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
0.00	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.00	1039.7	1047.9	1056.9	1064.0	1074.1	1083.1	1094.0	1103.9	1112.8
4.00	965.6	981.0	1000.0	1015.2	1034.3	1052.4	1072.2	1092.0	1111.8
6.00	889.6	912.2	942.1	968.5	998.5	1026.6	1058.4	1089.1	1119.8
8.00	818.5	850.3	892.2	929.6	971.7	1010.8	1052.4	1094.0	1134.6
10.00	747.5	789.4	839.3	885.8	938.9	989.9	1044.5	1097.0	1149.5
12.00	679.4	727.5	786.4	842.1	905.1	966.2	1032.6	1096.0	1160.4
14.00	620.4	667.7	729.5	794.3	866.4	937.4	1014.8	1091.1	1166.3
16.00	560.4	615.8	677.6	745.5	826.7	908.7	995.0	1084.1	1171.2
18.00	501.3	560.9	631.7	700.7	786.9	879.0	976.2	1077.2	1176.2
20.00	445.3	507.0	581.8	660.9	748.2	848.2	957.4	1070.3	1177.2
22.00	393.3	457.1	532.9	618.1	714.4	817.5	939.6	1062.3	1186.1
24.00	325.2	409.2	486.0	575.3	680.6	786.8	918.8	1056.4	1192.0
26.00	281.2	348.3	446.1	537.5	647.8	764.0	902.0	1051.5	1199.0

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
28.00	255.2	302.4	397.2	500.7	614.0	739.2	882.1	1043.5	1201.0
30.00	237.2	279.4	345.3	468.8	583.2	715.5	865.3	1038.6	1207.9
32.00	223.1	263.5	321.4	417.0	556.4	692.7	854.4	1039.6	1221.7
34.00	213.1	253.5	308.4	384.2	534.5	674.8	848.5	1045.5	1242.5
36.00	206.1	246.5	301.4	374.2	503.7	662.9	848.5	1061.4	1274.2
38.00	198.1	240.5	297.4	369.3	477.9	655.0	849.5	1079.2	1310.8
40.00	192.1	235.5	295.4	370.3	474.9	652.0	858.4	1109.9	1367.3
42.00	187.1	230.5	293.4	372.3	479.9	641.1	872.2	1148.5	1434.6
44.00	182.1	225.5	290.4	376.2	486.8	641.1	891.1	1196.0	1517.8
46.00	178.1	220.6	287.4	377.2	495.8	651.0	906.9	1237.6	1602.9
48.00	174.1	216.6	283.4	378.2	505.7	665.9	922.7	1279.2	1691.0
50.00	171.1	213.6	279.4	376.2	511.7	678.8	929.7	1308.9	1768.3
52.00	170.1	219.6	279.4	378.2	526.6	703.6	940.6	1336.6	1841.5
54.00	170.1	209.6	279.4	378.2	526.6	703.6	950.5	1346.5	1881.1
56.00	170.1	209.6	279.4	368.3	516.7	713.5	960.4	1346.5	1910.8
58.00	170.1	209.6	269.5	368.3	506.7	713.5	960.4	1336.6	1910.8
60.00	160.1	209.6	269.5	358.3	496.8	703.6	950.5	1306.9	1891.0
62.00	160.1	199.6	259.5	348.4	486.8	693.7	950.5	1277.2	1861.3
64.00	150.1	199.6	259.5	338.4	467.0	663.9	930.7	1247.5	1811.8
66.00	137.1	186.6	245.5	324.5	443.1	631.2	902.0	1203.9	1754.4
68.00	128.1	177.6	233.5	307.6	418.3	593.6	859.4	1156.4	1663.3
70.00	117.1	165.7	218.6	286.7	388.5	549.0	802.0	1101.9	1547.5
72.00	104.1	149.7	199.6	259.8	352.7	498.4	725.7	1030.7	1413.8
74.00	90.1	131.7	177.6	229.9	311.0	441.0	639.6	927.7	1276.2
76.00	73.0	112.8	152.7	197.1	263.3	375.6	542.6	787.1	1121.7
78.00	55.0	89.8	124.7	161.2	213.6	303.2	437.6	616.8	939.6
80.00	41.0	66.9	96.8	124.4	162.9	228.9	332.7	451.5	728.7
82.00	27.0	43.9	66.9	86.6	112.3	152.6	221.8	289.1	461.4
84.00	13.6	23.7	37.7	51.6	65.3	84.9	118.0	149.6	199.6
86.00	3.1	5.7	9.2	14.8	21.1	27.4	34.9	44.3	49.6
88.00	1.2	1.2	1.2	1.3	1.7	2.3	2.9	3.5	4.0
90.00	1.4	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8
92.00	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0	0.9
94.00	1.9	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.0
96.00	2.1	2.1	2.0	1.9	1.7	1.5	1.4	1.3	1.1
98.00	2.3	2.2	2.1	2.0	1.8	1.6	1.5	1.3	1.2
100.00	2.4	2.3	2.2	2.1	1.9	1.7	1.5	1.4	1.2
102.00	2.5	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.2
104.00	2.5	2.4	2.3	2.1	1.9	1.7	1.5	1.4	1.2
106.00	2.4	2.3	2.2	2.0	1.8	1.6	1.5	1.3	1.2
108.00	2.4	2.3	2.1	2.0	1.8	1.6	1.4	1.3	1.2
110.00	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.4	1.2
112.00	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.5	1.3
114.00	2.3	2.2	2.0	1.8	1.6	1.5	1.4	1.2	1.1
116.00	2.2	2.1	1.9	1.8	1.6	1.4	1.3	1.2	1.0
118.00	2.4	2.3	2.1	1.8	1.6	1.4	1.3	1.1	1.0
120.00	2.1	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.9
122.00	1.8	1.7	1.6	1.4	1.2	1.1	1.0	0.9	0.8
124.00	1.7	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7
126.00	1.6	1.5	1.3	1.2	1.0	0.9	0.8	0.8	0.7
128.00	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6
130.00	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.6	0.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] ED79 (Wow) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
132.00	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7
134.00	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.5
136.00	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5
138.00	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.6
140.00	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.7
142.00	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
144.00	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7
146.00	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
148.00	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9
150.00	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0
152.00	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0
154.00	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1
156.00	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1
158.00	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.0
160.00	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0
162.00	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
164.00	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0
166.00	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0
168.00	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.1
170.00	1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
172.00	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.3
174.00	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
176.00	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5
178.00	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5
180.00	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	ED79 (Wow)		
Number:	PL38493/00	**Diameter:**	0 mm
Report:	TR04536/00	**Length:**	310 mm
Test no.:	1	**Width:**	310 mm
Flux Meas:	12218.82 lm	**Height:**	0 mm
Date:	24/09/2019 13:12:44	**Operator:**	Roberto Cammertoni

Flusso zonale ED79 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
0.0	91.89	91.89	91.89	0.00	0.00	0.00	0.00
2.0	82.14	102.29	92.00	4.30	4.30	0.04	0.04
4.0	72.78	113.60	92.55	12.94	17.24	0.11	0.14
6.0	62.90	127.75	93.87	21.77	39.01	0.18	0.32
8.0	53.60	144.82	96.41	31.07	70.08	0.25	0.57
10.0	45.94	162.39	99.80	41.13	111.21	0.34	0.91
12.0	38.70	177.59	103.29	51.92	163.13	0.42	1.34
14.0	31.70	191.50	106.64	63.27	226.40	0.52	1.85
16.0	25.52	204.02	109.69	75.02	301.42	0.61	2.47
18.0	20.17	215.48	112.56	87.06	388.48	0.71	3.18
20.0	16.55	227.03	115.40	99.44	487.92	0.81	3.99
22.0	14.16	238.82	118.43	112.28	600.20	0.92	4.91
24.0	12.51	252.81	121.87	125.81	726.01	1.03	5.94
26.0	11.36	269.07	125.82	140.26	866.26	1.15	7.09
28.0	10.46	289.48	130.57	155.96	1022.22	1.28	8.37
30.0	9.80	314.04	136.36	173.39	1195.61	1.42	9.79
32.0	9.30	343.47	143.49	193.12	1388.74	1.58	11.37
34.0	8.89	375.76	151.84	215.52	1604.26	1.76	13.13
36.0	8.56	409.01	161.37	240.71	1844.97	1.97	15.10
38.0	8.32	443.34	171.31	268.26	2113.23	2.20	17.29
40.0	8.15	476.81	181.77	297.72	2410.95	2.44	19.73
42.0	7.90	505.01	191.79	328.37	2739.32	2.69	22.42
44.0	7.74	530.76	202.02	359.86	3099.18	2.95	25.36
46.0	7.49	560.18	212.23	392.48	3491.66	3.21	28.58
48.0	7.25	595.31	223.31	426.80	3918.46	3.49	32.07
50.0	7.00	628.73	234.71	463.16	4381.62	3.79	35.86
52.0	7.41	666.19	247.52	502.13	4883.75	4.11	39.97
54.0	6.59	708.44	259.56	542.61	5426.36	4.44	44.41
56.0	6.59	744.19	270.77	582.06	6008.43	4.76	49.17
58.0	5.76	762.06	279.50	618.34	6626.77	5.06	54.23
60.0	5.76	753.93	284.01	647.19	7273.96	5.30	59.53
62.0	4.94	725.76	281.93	663.21	7937.18	5.43	64.96
64.0	4.12	673.83	271.82	661.08	8598.26	5.41	70.37
66.0	2.64	623.55	253.80	638.28	9236.54	5.22	75.59
68.0	2.23	576.64	229.33	595.88	9832.42	4.88	80.47

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale ED79 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
70.0	1.74	503.89	201.85	539.36	10371.78	4.41	84.88
72.0	1.16	423.66	171.50	472.99	10844.77	3.87	88.75
74.0	0.74	339.09	141.05	400.48	11245.25	3.28	92.03
76.0	0.41	273.28	112.47	328.11	11573.35	2.69	94.72
78.0	0.16	206.68	85.12	257.96	11831.31	2.11	96.83
80.0	0.08	141.72	56.58	186.38	12017.69	1.53	98.35
82.0	0.16	90.17	29.18	113.50	12131.19	0.93	99.28
84.0	0.05	47.84	12.12	54.93	12186.11	0.45	99.73
86.0	0.05	13.74	3.19	20.43	12206.54	0.17	99.90
88.0	0.02	2.70	0.49	4.91	12211.46	0.04	99.94
90.0	0.01	0.18	0.06	0.74	12212.19	0.01	99.95
92.0	0.01	0.13	0.06	0.17	12212.36	0.00	99.95
94.0	0.01	0.16	0.07	0.18	12212.55	0.00	99.95
96.0	0.01	0.18	0.08	0.21	12212.75	0.00	99.95
98.0	0.01	0.20	0.09	0.22	12212.98	0.00	99.95
100.0	0.01	0.21	0.09	0.24	12213.22	0.00	99.95
102.0	0.01	0.22	0.10	0.25	12213.46	0.00	99.96
104.0	0.01	0.23	0.10	0.25	12213.72	0.00	99.96
106.0	0.01	0.23	0.10	0.25	12213.97	0.00	99.96
108.0	0.01	0.23	0.10	0.25	12214.22	0.00	99.96
110.0	0.01	0.24	0.11	0.26	12214.48	0.00	99.96
112.0	0.01	0.25	0.11	0.27	12214.76	0.00	99.97
114.0	0.01	0.23	0.10	0.27	12215.02	0.00	99.97
116.0	0.01	0.23	0.10	0.25	12215.28	0.00	99.97

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale ED79 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
118.0	0.01	0.24	0.10	0.25	12215.52	0.00	99.97
120.0	0.01	0.21	0.09	0.23	12215.75	0.00	99.97
122.0	0.01	0.20	0.08	0.21	12215.96	0.00	99.98
124.0	0.01	0.18	0.08	0.18	12216.14	0.00	99.98
126.0	0.01	0.18	0.08	0.17	12216.31	0.00	99.98
128.0	0.01	0.16	0.07	0.15	12216.46	0.00	99.98
130.0	0.01	0.14	0.06	0.13	12216.59	0.00	99.98
132.0	0.01	0.14	0.06	0.12	12216.72	0.00	99.98
134.0	0.01	0.12	0.05	0.11	12216.83	0.00	99.98
136.0	0.01	0.12	0.05	0.09	12216.92	0.00	99.98
138.0	0.01	0.13	0.06	0.10	12217.02	0.00	99.99
140.0	0.01	0.15	0.07	0.11	12217.13	0.00	99.99
142.0	0.01	0.14	0.06	0.11	12217.24	0.00	99.99
144.0	0.01	0.16	0.07	0.11	12217.35	0.00	99.99
146.0	0.01	0.18	0.08	0.12	12217.47	0.00	99.99
148.0	0.01	0.20	0.09	0.13	12217.60	0.00	99.99
150.0	0.02	0.20	0.10	0.13	12217.73	0.00	99.99
152.0	0.02	0.21	0.10	0.13	12217.87	0.00	99.99
154.0	0.02	0.21	0.11	0.13	12218.00	0.00	99.99
156.0	0.03	0.21	0.11	0.12	12218.12	0.00	99.99
158.0	0.03	0.20	0.11	0.11	12218.23	0.00	100.00
160.0	0.04	0.18	0.10	0.10	12218.33	0.00	100.00
162.0	0.04	0.17	0.10	0.09	12218.42	0.00	100.00
164.0	0.05	0.16	0.10	0.08	12218.50	0.00	100.00

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale ED79 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
166.0	0.05	0.15	0.10	0.07	12218.57	0.00	100.00
168.0	0.06	0.16	0.11	0.06	12218.63	0.00	100.00
170.0	0.06	0.16	0.11	0.06	12218.69	0.00	100.00
172.0	0.07	0.17	0.12	0.05	12218.73	0.00	100.00
174.0	0.07	0.17	0.12	0.04	12218.77	0.00	100.00
176.0	0.07	0.17	0.12	0.03	12218.80	0.00	100.00
178.0	0.08	0.16	0.12	0.02	12218.82	0.00	100.00
180.0	0.09	0.15	0.12	0.01	12218.82	0.00	100.00

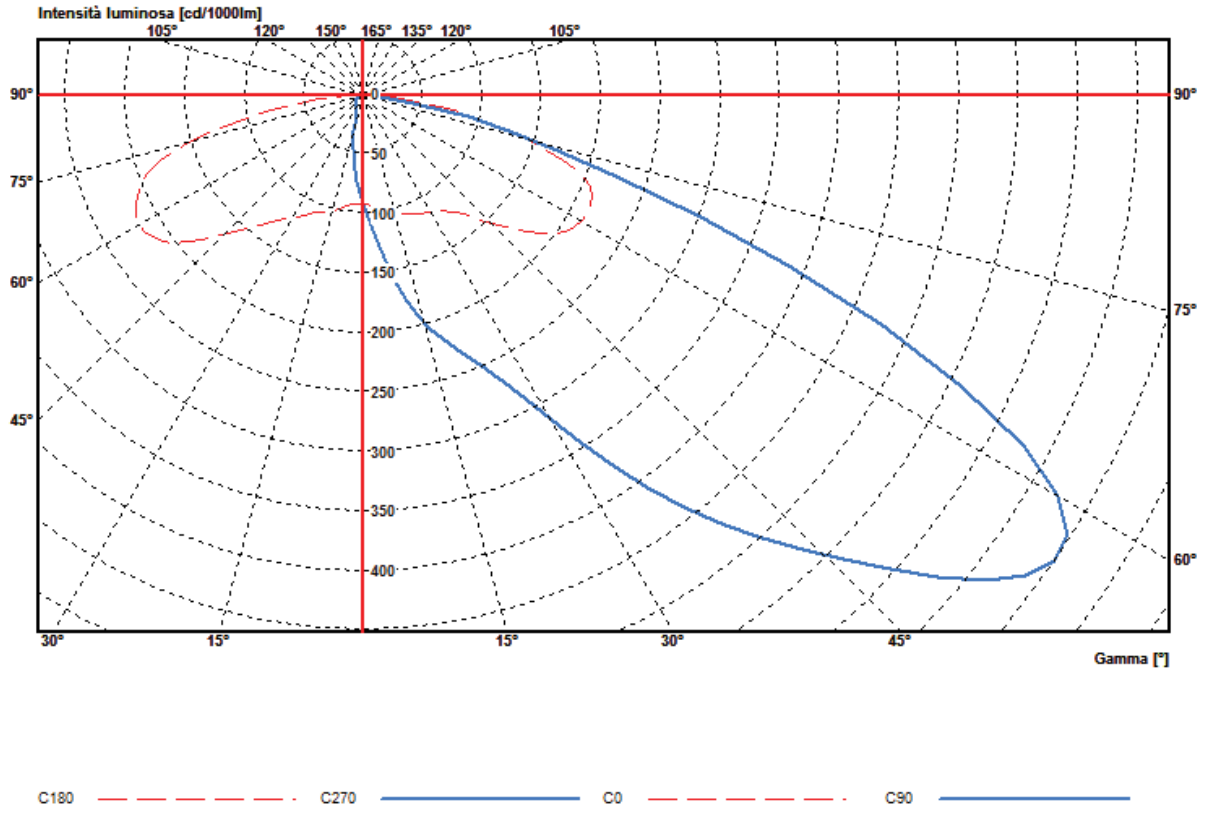
iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	ED79 (Wow)		
Number:	PL38493/00	**Diameter:**	0 mm
Report:	TR04536/00	**Length:**	310 mm
Test no.:	1	**Width:**	310 mm
Flux Meas:	12218.82 lm	**Height:**	0 mm
Date:	24/09/2019 13:12:44	**Operator:**	Roberto Cammertoni

Diagramma polare ED79 (Wow) / Total LVK



iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Goniophotometer

Photometric Test Report

MSQ08/A 03 (Last update: 2019/09/26)

Summary:

Relevant Standards
UNI EN 13032-4:2015 (par. 1, 2, 3, 4, 5, 6, 8)

Prepared for
iGuzzini

Luminaire code number
EE01

Test Report number
TR04562/00

Date
2019-10-24

Prepared by	Approved by
Francesco Benedetti	Stefano Petrocchi

The results contained in this report pertain only to the tested sample.
This Report shall not be reproduced partially without the written approval of iGuzzini Illuminazione S.p.A.

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

General information

Test Report number: TR04562/00
Photometric file: PL38775/00

Luminaire code nr.: EE01
Product type: Wow
Product description: Outdoor luminaire with direct light asymmetric optic for increased visual comfort, designed to use LED lamps. With a 5 mm thick tempered sodium-calcium glass cover. Complete with circuit having monochrome LEDs and silver aluminium reflectors. Optic: A60

Ballast/Driver: #2 LED POWER SUPPLY PHILIPS Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt

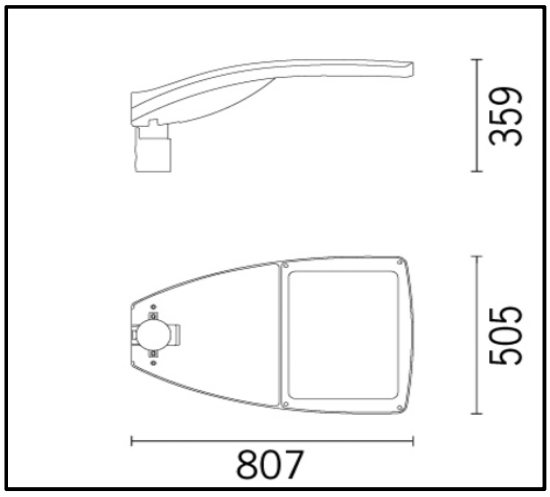
Led type: Osram Oslon Square GW CSSRM3.PM, 3000 K (CRI 70 minimum)

Leds number: 84
Note: -

Electrical Ratings

Voltage:	230	[V]
Current:	-	[A]
Total System Power:	-	[W]
Frequency:	50	[Hz]

Pictures



iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Goniophotometer measurement

Test Results

Total Lumen Output:	24784.0	[lm]
Luminous efficacy:	118.8	[lm/W]

Voltage:	230.04	[V]
Current:	0.9306	[A]
Total System Power:	208.57	[W]
Power Factor:	0.97	[/]
Frequency:	50	[Hz]

Measurement uncertainties

LED type: White LED
Type of Photometry: Absolute

Electrical power: ±1%

LOR: /
Luminous flux: ±4.1%
Luminous intensity "cd" ±4.1%
Luminous intensity "cd/klm" ±3.3%
Angular deviation: ±0.5°

Luminous efficacy: ±4.2%

The relative expanded uncertainty stated above are given with a level of confidence of 95 % and are obtained by multiplying the combined uncertainty with the coverage factor k=2.

Instruments

Goniophotometer: LMT GO-DS 2000 (mirror photogoniometer); Internal code: LAS100
Last calibration date: 2019/09; Calibration due date: 2021/09.

Photometer head: LMT Photometer head SP 30 S0T-1s; Internal code: LAS319
Last calibration date: 2019/08; Calibration due date: 2021/08.

Electrical parameters: Digital Power Meter - YOKOGAWA WT 310; Internal code: LAS300
Last calibration date: 2019/04; Calibration due date: 2020/03.

Ambient temperature: Thermo Hygrometer - Deltaohm HD 206/01; Internal code: LAS213
Last calibration date: 2019/03; Calibration due date: 2020/03.

Time: Digital Timer Casio HS-3V; Internal code: LAS344
Last calibration date: 2019/02; Calibration due date: 2020/02.

Air movement: Air Velocity Transducer - TSI Incorporated 8475-300-1; Internal code: LAS215
Last calibration date: 2019/01; Calibration due date: 2020/01.

Power supply: AC Power Supply - CHROMA mod. 6408; Internal code LAS225
-

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

Test procedure

The measurement of luminous intensity distribution and luminous flux, were performed by using a type 3.1 mirror goniophotometer.
The procedure assumes that the luminous area of a light source is effectively a point source (far-field).
Luminous intensity measurements are derived from illuminance measurements according to the inverse square law.
The coordinate system centre is coincident with the photometric centre of the DUT.
The angular interval between readings of intensity (C, γ) are chosen in order to permit an acceptable accuracy, determined by the nature of distribution.

Test conditions

Photometer Distance: 14.676 m
Ambient temperature: 25°C±1.2°C
Air movement in the test area: < 0.2 m/s
Photometric centre: Center of the light emitting surface
Luminaire position: Light emitting surface downward.
Preburning time: 2 h 30 min
Source stabilization time: 0 h 34 min
Total operating time: 3 h 54 min
Stray Light Screening: Stray light screening according to UNI EN 13032-4:2015 (Annex B)

iGuzzini Illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati, Italy
Phone (+39) 071.75881
Telefax (+39) 071.7588295
e-mail: info.hq@iguzzini.com
http://www.iguzzini.com

RISULTATI FOTOMETRICI

Name:	EE01 (Wow)		
Number:	PL38775/00	**Diameter:**	0 mm
Report:	TR04562/00	**Length:**	314 mm
Test no.:	1	**Width:**	367 mm
Flux Meas:	24783.99 lm	**Height:**	0 mm
Date:	03/10/2019 15:09:30	**Operator:**	Roberto Cammertoni

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2344.2	2361.0	2378.8	2399.6	2416.5	2433.5	2449.4	2465.5	2479.5
4.00	2365.0	2399.5	2438.1	2475.8	2513.4	2548.5	2582.3	2617.4	2648.4
6.00	2395.6	2449.9	2506.3	2565.7	2620.2	2676.4	2731.1	2785.2	2835.3
8.00	2435.0	2510.1	2586.3	2666.6	2742.9	2823.1	2902.6	2988.7	3064.8
10.00	2477.5	2572.2	2673.2	2778.3	2883.3	2993.6	3107.9	3233.0	3345.1
12.00	2509.1	2625.5	2751.3	2884.1	3023.8	3175.0	3338.0	3516.0	3669.0
14.00	2533.7	2670.9	2820.4	2983.0	3161.3	3362.3	3582.9	3815.8	4003.9
16.00	2550.5	2709.4	2882.6	3075.9	3298.8	3554.6	3835.8	4110.7	4322.9
18.00	2560.4	2737.1	2933.0	3155.0	3422.4	3733.0	4058.9	4364.9	4607.2
20.00	2579.2	2774.6	2991.3	3245.0	3558.9	3920.4	4272.1	4599.3	4863.6
22.00	2597.9	2813.1	3050.6	3335.9	3695.4	4089.9	4457.5	4801.8	5087.2
24.00	2624.6	2859.5	3120.7	3442.7	3846.8	4257.4	4631.1	4988.5	5289.9
26.00	2652.2	2908.8	3193.8	3554.5	4004.0	4424.9	4801.7	5159.3	5473.7
28.00	2685.8	2960.2	3271.9	3679.0	4168.2	4604.3	4985.1	5343.0	5664.6
30.00	2726.2	3018.4	3357.8	3814.5	4341.3	4796.6	5181.5	5542.6	5872.3
32.00	2783.5	3089.5	3447.7	3954.9	4520.4	4995.9	5394.7	5778.9	6121.7
34.00	2832.8	3148.7	3536.6	4093.3	4698.4	5194.1	5612.8	6027.1	6419.8
36.00	2911.8	3237.5	3635.4	4231.7	4866.6	5382.5	5840.9	6305.1	6777.6
38.00	3000.6	3326.3	3734.2	4350.4	5005.1	5560.9	6069.0	6603.0	7195.0
40.00	3119.1	3434.9	3842.9	4478.9	5123.8	5719.5	6307.0	6970.4	7731.6
42.00	3277.0	3583.0	3971.3	4597.6	5242.4	5878.1	6564.8	7387.4	8317.9
44.00	3494.1	3770.5	4129.4	4745.9	5380.9	6066.4	6892.1	7913.7	9003.7
46.00	3731.0	4007.4	4336.8	4904.1	5539.2	6264.7	7259.0	8489.6	9679.4
48.00	4007.4	4283.8	4583.8	5121.6	5737.0	6542.2	7725.1	9154.9	10395.0
50.00	4293.7	4560.2	4840.6	5368.8	5994.2	6889.2	8270.5	9830.1	11050.9
52.00	4570.0	4826.7	5107.4	5635.7	6340.4	7365.0	8885.3	10525.1	11627.2
54.00	4816.8	5073.4	5324.7	5892.8	6726.2	7959.7	9510.1	11120.9	12134.1
56.00	5024.1	5290.6	5502.5	6149.8	7171.3	8613.9	10174.5	11607.4	12650.8
58.00	5201.7	5468.2	5680.3	6357.5	7636.2	9258.2	10779.4	12034.4	13197.4
60.00	5339.9	5606.4	5838.4	6575.0	8091.2	9833.2	11265.3	12481.2	13803.6
62.00	5438.6	5685.4	5956.9	6812.3	8486.8	10249.5	11602.5	12888.3	14360.1
64.00	5497.9	5715.0	6016.2	7010.0	8783.6	10457.6	11810.8	13225.9	14747.7
66.00	5507.7	5675.5	5996.5	7138.6	8862.7	10437.8	11840.5	13305.3	14678.2
68.00	5438.6	5576.8	5907.5	7158.3	8724.2	10239.6	11612.4	12918.1	13912.9
70.00	5201.7	5369.5	5749.5	7000.1	8397.8	9823.2	11047.2	11935.1	12422.3
72.00	4777.3	5004.3	5492.6	6594.8	7893.3	9139.3	10065.4	10396.0	10355.2
74.00	4234.4	4471.3	5077.7	6011.4	7111.9	8068.7	8657.3	8539.2	8178.8
76.00	3604.7	3836.7	4448.4	5221.4	6037.7	6595.7	6830.6	6605.0	6358.2
78.00	2847.6	3125.0	3540.6	4167.5	4600.5	4804.6	4788.8	4627.1	4444.2
80.00	2167.6	2401.5	2640.6	3018.6	3120.7	3078.8	2996.8	2746.5	2702.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
82.00	1509.2	1609.9	1732.7	1880.5	1865.5	1789.2	1678.9	1570.8	1266.1
84.00	766.9	825.2	856.5	856.2	831.9	770.2	567.2	353.5	236.5
86.00	197.9	214.8	181.7	153.8	109.1	75.8	55.2	43.8	35.8
88.00	3.9	2.9	2.4	2.0	1.6	1.4	1.0	0.7	0.5
90.00	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.2
92.00	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.2
94.00	1.0	0.8	0.7	0.5	0.4	0.4	0.3	0.3	0.2
96.00	1.1	0.9	0.8	0.6	0.5	0.4	0.3	0.3	0.2
98.00	1.2	1.0	0.8	0.6	0.5	0.4	0.3	0.3	0.2
100.00	1.2	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2
102.00	1.2	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2
104.00	1.2	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2
106.00	1.1	1.0	0.8	0.6	0.5	0.4	0.3	0.2	0.2
108.00	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2
110.00	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2
112.00	1.2	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2
114.00	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2
116.00	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2
118.00	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2
120.00	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2
122.00	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2
124.00	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
126.00	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
128.00	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132.00	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2
134.00	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
136.00	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
138.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150.00	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152.00	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
154.00	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.2
156.00	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.2
158.00	0.4	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2
160.00	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.2
162.00	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.2
164.00	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2
166.00	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.2
168.00	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2
170.00	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.2
172.00	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1
174.00	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1
176.00	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1
178.00	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1
180.00	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2494.3	2508.5	2521.8	2531.9	2541.3	2544.6	2548.4	2551.9	2551.0
4.00	2680.1	2709.4	2736.1	2761.4	2780.1	2792.9	2805.3	2813.5	2816.8
6.00	2886.7	2936.1	2984.3	3031.7	3067.9	3097.2	3123.2	3139.3	3145.7
8.00	3147.0	3224.6	3299.3	3373.9	3431.7	3473.6	3512.1	3536.2	3548.8
10.00	3467.8	3577.7	3675.0	3771.0	3838.4	3886.0	3928.0	3954.2	3968.9
12.00	3824.4	3951.7	4056.8	4155.0	4220.1	4260.4	4301.9	4324.1	4336.9
14.00	4182.0	4321.7	4430.6	4534.1	4595.9	4629.8	4664.8	4679.9	4688.9
16.00	4524.7	4678.7	4794.4	4901.3	4958.6	4983.2	5010.7	5015.7	5020.8
18.00	4837.7	5012.9	5142.3	5257.4	5308.4	5318.5	5332.7	5326.4	5321.7
20.00	5122.7	5320.3	5470.2	5599.6	5649.2	5649.9	5654.6	5638.1	5631.5
22.00	5373.1	5603.7	5781.2	5935.8	6004.9	6006.2	6007.5	5980.9	5968.4
24.00	5605.5	5867.3	6086.2	6286.9	6383.7	6398.6	6401.4	6368.8	6358.5
26.00	5817.1	6117.0	6387.2	6649.1	6803.4	6852.1	6861.3	6828.9	6818.8
28.00	6041.6	6391.5	6727.1	7071.1	7313.0	7418.7	7425.1	7379.2	7372.3
30.00	6278.0	6692.9	7118.8	7574.9	7922.6	8107.4	8124.0	8047.7	8039.1
32.00	6576.0	7071.8	7615.2	8190.4	8664.1	8939.3	8947.8	8820.5	8804.2
34.00	6943.6	7529.3	8193.3	8888.7	9473.6	9840.2	9837.5	9642.4	9616.5
36.00	7400.5	8096.3	8871.1	9696.8	10363.0	10811.2	10807.3	10504.4	10458.8
38.00	7956.8	8752.7	9608.7	10504.8	11212.4	11712.2	11697.1	11286.2	11220.9
40.00	8622.3	9498.7	10386.2	11283.0	11961.9	12472.9	12486.9	11997.9	11912.8
42.00	9337.6	10244.7	11074.0	11911.5	12551.5	13043.5	13146.7	12649.4	12564.6
44.00	10082.6	10940.9	11652.1	12390.3	13001.2	13514.0	13746.6	13300.9	13226.4
46.00	10728.3	11478.0	12050.8	12739.5	13380.9	13954.5	14356.4	14022.6	13958.4
48.00	11294.5	11895.8	12379.7	13058.7	13790.6	14495.0	15086.2	14874.6	14770.7
50.00	11771.3	12233.9	12718.6	13447.8	14310.3	15165.7	15926.0	15816.8	15613.0
52.00	12228.2	12631.8	13167.2	13986.5	14949.9	15926.5	16855.8	16829.1	16405.2
54.00	12744.8	13178.8	13765.2	14654.9	15679.4	16737.4	17795.6	17821.4	17067.0
56.00	13380.5	13934.8	14542.7	15433.0	16408.9	17458.1	18535.4	18553.1	17428.0
58.00	14105.7	14800.1	15370.0	16181.2	17008.5	17908.6	18895.3	18813.7	17357.8
60.00	14950.0	15715.2	16157.4	16759.9	17288.3	17858.5	18605.4	18362.7	16706.0
62.00	15655.3	16361.7	16546.2	16809.7	16948.5	17167.8	17585.6	17109.8	15452.6
64.00	16012.9	16451.2	16237.2	16091.5	15809.3	15646.2	15706.1	15045.0	13497.2
66.00	15675.2	15725.1	15130.8	14565.1	13940.5	13544.1	13416.6	12679.5	11261.0
68.00	14493.1	14123.7	13167.2	12350.4	11622.1	11211.6	11067.2	10374.1	9034.9
70.00	12575.9	11905.7	10874.6	10075.9	9443.6	9119.5	9017.7	8439.6	7129.6
72.00	10181.9	9518.6	8631.9	7990.9	7514.9	7237.5	7108.2	6645.4	5344.7
74.00	7966.7	7459.7	6688.2	6075.4	5586.2	5315.5	5198.7	4881.3	3760.4
76.00	6058.5	5590.8	4869.2	4407.4	4224.1	4209.4	4264.9	3892.0	2974.2
78.00	4197.9	4027.3	3790.7	3526.6	3234.8	2988.1	2804.3	2315.4	1803.0
80.00	2749.6	2587.0	2108.1	1594.2	1184.2	935.0	791.8	628.5	516.4
82.00	904.9	653.5	443.6	297.3	198.9	150.2	126.0	110.3	98.3
84.00	174.8	129.3	92.7	69.8	56.0	49.1	46.0	41.1	37.1
86.00	29.1	22.8	18.6	17.3	14.9	13.8	14.2	12.6	11.3
88.00	0.6	0.6	0.7	0.7	0.7	0.7	0.5	0.5	0.5
90.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
92.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2
94.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
104.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
106.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
108.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
110.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
112.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
114.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
118.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.00	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.00	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.00	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2
146.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156.00	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.3
158.00	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160.00	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
164.00	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
166.00	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5
168.00	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
170.00	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5
172.00	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5
174.00	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4
176.00	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4
178.00	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
180.00	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2549.3	2548.0	2544.1	2540.9	2535.5	2527.5	2518.5	2505.9	2493.2
4.00	2815.1	2810.7	2801.9	2789.5	2775.8	2756.7	2733.7	2705.5	2678.1
6.00	3144.9	3135.6	3117.9	3094.2	3066.3	3030.1	2990.2	2940.1	2895.2
8.00	3549.6	3538.7	3515.2	3483.1	3443.3	3388.1	3322.1	3239.9	3167.5
10.00	3970.3	3959.9	3935.5	3901.1	3859.6	3794.2	3714.4	3607.9	3510.2
12.00	4339.1	4330.9	4310.7	4282.0	4247.6	4184.3	4102.6	3991.0	3884.0
14.00	4688.8	4676.9	4663.8	4641.8	4616.6	4559.3	4482.8	4368.0	4262.9
16.00	5017.6	5012.8	5003.9	4992.6	4980.5	4934.3	4862.0	4744.1	4632.7
18.00	5315.4	5314.6	5316.9	5316.4	5318.3	5285.2	5218.0	5097.0	4971.4
20.00	5626.2	5632.5	5642.0	5653.1	5667.2	5639.0	5567.1	5427.9	5276.9

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
22.00	5960.0	5960.4	5969.0	5986.9	6011.0	5987.9	5899.0	5736.8	5556.2
24.00	6348.7	6345.5	6355.2	6374.8	6398.1	6356.9	6236.9	6034.6	5812.5
26.00	6806.4	6797.7	6801.6	6819.9	6831.4	6752.0	6573.8	6316.4	6057.7
28.00	7364.0	7348.2	7350.4	7378.2	7382.3	7245.6	6980.2	6635.3	6304.9
30.00	8028.5	8008.1	8004.5	8044.7	8038.8	7821.7	7454.9	7006.3	6599.3
32.00	8784.0	8764.1	8767.9	8850.6	8837.1	8525.4	8056.4	7470.6	6954.1
34.00	9593.5	9566.3	9570.5	9722.6	9711.7	9299.6	8700.1	8002.0	7366.1
36.00	10432.9	10378.6	10413.1	10634.7	10636.7	10144.1	9454.4	8643.8	7898.7
38.00	11182.4	11120.6	11165.5	11476.7	11491.2	10968.4	10228.9	9335.7	8511.7
40.00	11871.9	11802.5	11867.8	12248.5	12255.3	11712.4	10963.1	10047.7	9205.1
42.00	12531.5	12434.2	12479.7	12869.9	12818.3	12275.4	11576.7	10729.5	9928.6
44.00	13201.0	13096.1	13101.7	13431.2	13250.6	12697.7	12049.4	11311.2	10652.2
46.00	13910.6	13798.0	13773.8	13972.5	13632.6	13009.3	12371.2	11782.4	11285.3
48.00	14700.0	14620.3	14576.4	14614.0	14075.0	13351.1	12693.1	12203.6	11828.0
50.00	15499.5	15492.7	15489.3	15345.7	14607.8	13783.4	13105.5	12654.9	12300.3
52.00	16229.0	16375.1	16502.5	16157.6	15281.4	14396.7	13688.8	13216.4	12782.6
54.00	16798.6	17137.2	17465.6	16979.5	16025.4	15120.6	14423.0	13888.2	13335.3
56.00	17068.4	17608.5	18208.0	17691.1	16799.5	15945.0	15267.9	14680.4	14008.6
58.00	16928.5	17578.4	18508.9	18112.1	17372.6	16648.7	16072.5	15492.7	14732.2
60.00	16249.0	16886.5	18147.8	18021.9	17543.5	17071.0	16666.0	16194.6	15425.6
62.00	15039.8	15512.7	17074.3	17250.1	17091.1	16900.1	16796.7	16585.7	15938.1
64.00	13211.0	13487.1	15208.4	15636.4	15784.1	15934.9	16203.3	16375.1	16058.7
66.00	11112.5	11311.2	12991.4	13521.4	13843.8	14245.9	14845.5	15432.5	15506.0
68.00	8884.0	9235.4	10744.2	11216.1	11531.4	11993.9	12733.3	13647.6	14199.6
70.00	6875.3	7540.8	8798.0	9181.3	9420.2	9802.2	10470.3	11431.5	12229.9
72.00	5016.6	5896.2	6962.2	7276.9	7489.9	7811.6	8307.8	9125.1	9918.6
74.00	3557.6	4211.6	5176.5	5382.5	5579.7	5901.4	6406.9	7109.6	7798.2
76.00	2916.0	3200.8	4182.3	4286.0	4291.9	4363.2	4667.9	5304.6	5936.1
78.00	1777.8	1871.2	2665.5	2981.9	3194.0	3392.1	3609.8	3859.6	4132.2
80.00	503.7	542.5	793.5	984.3	1204.4	1533.2	1950.2	2372.5	2649.0
82.00	93.9	105.3	129.4	164.4	211.1	292.6	440.5	667.8	948.6
84.00	36.0	39.1	45.1	51.1	56.3	67.4	90.5	132.4	205.0
86.00	10.9	11.8	13.4	14.8	16.5	19.4	24.4	31.1	41.5
88.00	0.5	0.6	0.7	0.8	1.0	1.1	1.3	1.5	1.7
90.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
92.00	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2
94.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
96.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
104.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
106.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
108.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
110.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
112.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
114.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
116.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
118.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
120.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
122.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
124.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
126.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
128.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
130.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
132.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
134.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
138.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
140.00	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
142.00	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
148.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
150.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
152.00	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4
154.00	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4
156.00	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
158.00	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
160.00	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
162.00	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
164.00	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
166.00	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
168.00	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
170.00	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7
172.00	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7
174.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
176.00	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
178.00	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
180.00	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2480.0	2464.8	2447.9	2429.8	2410.6	2393.5	2374.5	2356.4	2337.4
4.00	2645.6	2611.2	2578.5	2541.2	2502.8	2466.5	2429.5	2391.4	2351.4
6.00	2840.3	2784.7	2734.2	2674.7	2613.1	2557.6	2501.6	2441.4	2380.3
8.00	3082.1	2991.2	2915.0	2829.2	2746.4	2668.6	2591.7	2511.4	2432.1
10.00	3388.2	3263.0	3152.1	3028.9	2910.8	2802.7	2696.8	2594.4	2493.0
12.00	3736.5	3574.8	3421.3	3249.7	3089.2	2941.8	2806.9	2677.3	2554.8
14.00	4104.8	3917.8	3726.7	3495.6	3274.6	3079.9	2908.0	2753.3	2606.6
16.00	4456.1	4249.7	4030.0	3746.5	3463.1	3213.0	3003.1	2820.3	2650.5
18.00	4772.2	4536.5	4292.2	3970.3	3637.5	3333.0	3083.2	2875.3	2687.4
20.00	5050.2	4784.2	4515.2	4176.1	3811.9	3460.1	3172.3	2941.3	2736.3
22.00	5305.2	5011.8	4725.1	4365.8	3982.3	3593.2	3271.4	3017.2	2795.1
24.00	5532.0	5211.4	4911.0	4541.4	4153.7	3744.3	3375.5	3095.2	2855.9
26.00	5738.7	5391.8	5084.7	4714.0	4325.1	3904.4	3495.6	3186.2	2928.7
28.00	5943.5	5568.3	5257.5	4895.7	4510.5	4077.5	3631.8	3288.2	3015.5
30.00	6178.3	5772.9	5462.4	5098.4	4708.9	4261.6	3776.9	3397.2	3104.2
32.00	6453.3	6016.6	5695.5	5319.2	4921.4	4462.7	3944.1	3519.1	3210.9
34.00	6774.5	6277.3	5926.5	5530.0	5121.9	4642.8	4094.2	3639.1	3320.6
36.00	7206.0	6608.2	6187.7	5760.8	5332.4	4822.9	4244.4	3759.1	3430.3
38.00	7707.8	6989.2	6468.9	5981.6	5512.8	4983.0	4374.5	3869.0	3550.0
40.00	8310.0	7460.5	6790.4	6202.4	5683.2	5123.1	4514.7	3999.0	3689.6
42.00	8982.4	8012.1	7172.1	6453.3	5853.6	5253.2	4654.8	4139.0	3849.1

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
44.00	9715.1	8653.8	7644.2	6734.3	6034.0	5403.3	4815.0	4308.9	4048.6
46.00	10447.7	9365.8	8206.7	7085.6	6234.5	5563.4	4995.2	4508.9	4267.9
48.00	11130.2	10117.9	8829.5	7487.0	6465.0	5743.5	5195.4	4728.8	4497.3
50.00	11732.4	10819.8	9462.3	7948.7	6755.7	5963.6	5415.6	4948.8	4736.6
52.00	12264.3	11401.4	10075.0	8430.4	7086.5	6203.8	5625.8	5148.7	4956.0
54.00	12746.0	11872.7	10607.4	8932.3	7507.5	6453.9	5806.0	5308.7	5125.5
56.00	13227.8	12253.7	10989.1	9454.1	7948.5	6714.1	5946.2	5418.6	5255.2
58.00	13719.6	12584.7	11270.4	9905.8	8379.5	6954.2	6026.3	5468.6	5325.0
60.00	14251.5	12905.5	11521.5	10247.0	8750.3	7194.4	6076.3	5498.6	5354.9
62.00	14733.2	13206.4	11712.4	10427.7	9021.0	7394.5	6126.4	5488.6	5344.9
64.00	15024.3	13437.0	11853.0	10477.8	9141.2	7534.6	6136.4	5428.6	5265.1
66.00	14843.6	13427.0	11873.1	10417.6	9091.1	7564.6	6126.4	5308.7	5145.5
68.00	14010.6	12945.7	11622.0	10206.9	8870.6	7434.5	6076.3	5128.7	4975.9
70.00	12475.1	11832.6	10959.0	9805.4	8509.8	7184.4	5936.2	4918.8	4746.6
72.00	10327.3	10178.0	9854.0	9143.0	7988.6	6814.1	5665.9	4648.8	4407.5
74.00	8149.4	8222.6	8377.4	8119.3	7266.9	6263.8	5245.4	4308.9	3948.8
76.00	6251.6	6429.7	6639.7	6723.3	6202.4	5504.3	4674.8	3855.0	3421.3
78.00	4380.8	4637.8	4753.2	4903.7	4789.1	4450.7	3916.1	3219.2	2827.0
80.00	2744.9	2799.7	2990.4	3164.4	3254.6	3239.0	2997.1	2489.4	2210.8
82.00	1229.4	1471.1	1628.3	1778.4	1945.5	2054.2	2009.1	1781.6	1585.5
84.00	287.0	404.1	605.7	795.9	911.1	1017.6	1050.1	1012.7	935.4
86.00	56.0	72.8	93.9	134.0	188.9	234.8	254.8	275.8	302.3
88.00	2.1	2.4	3.1	4.7	8.0	10.6	14.7	22.7	31.3
90.00	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.7
92.00	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8
94.00	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.0
96.00	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1
98.00	0.2	0.2	0.3	0.3	0.4	0.5	0.7	1.0	1.2
100.00	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.0	1.3
102.00	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.3
104.00	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.4
106.00	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.3
108.00	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.0	1.3
110.00	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.1	1.3
112.00	0.2	0.3	0.3	0.4	0.5	0.6	0.9	1.1	1.3
114.00	0.2	0.3	0.3	0.4	0.4	0.6	0.8	0.9	1.1
116.00	0.2	0.3	0.3	0.3	0.4	0.5	0.7	0.9	1.0
118.00	0.2	0.3	0.3	0.4	0.4	0.5	0.7	0.8	1.0
120.00	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.7	0.9
122.00	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.7
124.00	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.6
126.00	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
128.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5
130.00	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4
132.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.5
134.00	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4
136.00	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4
138.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4
140.00	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5
142.00	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6
144.00	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7
146.00	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.7

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
148.00	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8
150.00	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.8
152.00	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9
154.00	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.0
156.00	0.5	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0
158.00	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.1
160.00	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.1
162.00	0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.0
164.00	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0
166.00	0.6	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0
168.00	0.7	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.0
170.00	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
172.00	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0
174.00	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7
176.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
178.00	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
180.00	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2317.5	2299.4	2281.3	2266.2	2251.1	2232.9	2217.8	2202.8	2188.4
4.00	2311.5	2273.3	2237.3	2204.0	2169.8	2135.5	2104.1	2073.2	2045.3
6.00	2321.5	2266.3	2213.2	2160.9	2108.5	2056.1	2005.5	1955.6	1911.3
8.00	2355.3	2282.3	2210.2	2138.8	2067.4	1993.8	1921.1	1849.1	1786.4
10.00	2397.0	2303.4	2212.2	2121.8	2028.2	1932.5	1839.6	1750.6	1671.5
12.00	2437.8	2324.4	2213.2	2102.7	1989.0	1874.2	1764.2	1656.1	1558.6
14.00	2467.6	2334.4	2204.2	2073.6	1939.8	1807.9	1678.7	1553.6	1442.8
16.00	2492.5	2339.4	2190.2	2040.5	1887.6	1735.5	1590.2	1452.1	1336.0
18.00	2513.4	2342.4	2174.2	2007.4	1835.4	1664.2	1502.7	1357.7	1232.2
20.00	2545.2	2358.5	2170.2	1982.3	1787.2	1595.8	1422.2	1266.2	1125.4
22.00	2585.9	2382.5	2174.2	1961.2	1743.0	1532.5	1347.8	1176.8	1021.6
24.00	2633.7	2408.6	2180.2	1943.2	1701.9	1479.2	1280.4	1091.3	930.0
26.00	2689.3	2446.6	2194.2	1932.2	1666.7	1431.0	1212.0	1014.0	824.2
28.00	2758.9	2497.7	2223.3	1930.1	1642.6	1386.8	1148.6	929.6	713.3
30.00	2835.5	2553.8	2252.3	1929.1	1622.6	1343.6	1096.3	827.1	664.0
32.00	2932.9	2635.0	2303.4	1946.2	1616.5	1316.4	1036.0	783.8	634.7
34.00	3032.3	2725.2	2363.5	1966.3	1606.5	1286.3	945.4	753.7	604.5
36.00	3141.7	2815.3	2413.5	1986.3	1596.5	1246.1	925.3	733.6	584.4
38.00	3261.0	2915.5	2483.6	2016.4	1596.5	1195.9	915.3	713.5	574.3
40.00	3410.1	3045.8	2563.8	2056.5	1596.5	1185.8	915.3	703.4	554.1
42.00	3579.1	3196.1	2653.9	2096.7	1596.5	1195.9	915.3	693.4	534.0
44.00	3787.9	3376.4	2754.0	2136.8	1586.4	1205.9	915.3	683.3	523.9
46.00	4006.6	3546.7	2854.2	2187.0	1606.5	1226.0	905.2	673.3	513.8
48.00	4245.3	3727.1	2944.3	2227.1	1636.6	1236.1	905.2	663.2	513.8
50.00	4473.9	3887.4	3014.4	2237.1	1666.7	1246.1	905.2	653.2	503.8
52.00	4682.7	4027.6	3064.5	2257.2	1686.8	1246.1	895.2	653.2	513.8
54.00	4851.7	4107.8	3084.5	2267.2	1696.9	1246.1	885.1	653.2	513.8
56.00	4981.0	4137.8	3064.5	2277.2	1706.9	1236.1	885.1	653.2	523.9
58.00	5050.6	4137.8	3034.4	2267.2	1696.9	1226.0	875.0	663.2	544.1
60.00	5090.3	4107.8	2994.4	2257.2	1676.8	1205.9	875.0	663.2	554.1
62.00	5090.3	4037.7	2924.3	2227.1	1646.7	1185.8	865.0	673.3	564.2
64.00	5050.6	3937.5	2844.2	2187.0	1596.5	1155.7	854.9	673.3	564.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
66.00	4981.0	3807.2	2754.0	2106.7	1536.2	1115.5	844.9	673.3	564.2
68.00	4861.7	3626.9	2643.9	2006.4	1455.9	1075.3	814.7	663.2	554.1
70.00	4633.0	3386.4	2503.7	1865.9	1365.5	1015.0	774.5	643.2	534.0
72.00	4265.1	3095.9	2313.4	1695.4	1255.1	934.6	724.2	603.0	493.7
74.00	3778.0	2785.3	2063.0	1494.8	1114.5	844.1	653.8	552.7	443.3
76.00	3234.2	2451.6	1756.6	1282.1	971.9	726.6	577.3	486.4	383.9
78.00	2604.8	2081.9	1394.0	1053.4	801.2	596.9	484.8	410.0	306.3
80.00	1996.4	1660.1	1036.5	823.6	622.5	466.3	389.2	325.6	231.7
82.00	1449.6	1156.2	706.0	583.9	437.8	335.6	284.6	229.1	165.2
84.00	881.9	622.2	427.6	363.2	274.1	218.1	185.1	146.7	100.8
86.00	287.4	226.7	197.6	168.1	135.1	111.0	93.5	69.4	48.5
88.00	34.4	37.1	36.3	33.0	27.0	21.3	18.1	15.4	12.1
90.00	0.9	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.2
92.00	1.0	1.1	1.2	1.4	1.5	1.6	1.6	1.6	1.5
94.00	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.1	2.0
96.00	1.3	1.5	1.7	1.9	2.2	2.3	2.5	2.5	2.5
98.00	1.5	1.7	1.9	2.2	2.4	2.6	2.8	2.8	2.9
100.00	1.6	1.8	2.0	2.3	2.6	2.8	3.0	3.1	3.1
102.00	1.6	1.9	2.1	2.3	2.6	2.9	3.1	3.2	3.2
104.00	1.6	1.9	2.1	2.3	2.6	2.8	3.1	3.2	3.3
106.00	1.6	1.8	2.0	2.3	2.5	2.7	2.9	3.1	3.2
108.00	1.5	1.7	1.9	2.1	2.4	2.6	2.7	2.9	3.0
110.00	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0	3.1
112.00	1.6	1.8	2.1	2.4	2.6	2.9	3.0	3.1	3.1
114.00	1.3	1.5	1.7	1.9	2.1	2.3	2.4	2.5	2.5
116.00	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.4
118.00	1.1	1.3	1.5	1.7	2.0	2.2	2.5	2.6	2.6
120.00	1.0	1.1	1.2	1.4	1.6	1.8	2.0	2.2	2.2
122.00	0.8	0.9	1.0	1.2	1.3	1.5	1.7	1.8	1.9
124.00	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.6	1.6
126.00	0.7	0.8	0.8	0.9	1.1	1.1	1.3	1.4	1.4
128.00	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.2
130.00	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.0
132.00	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.2
134.00	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8
136.00	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.8
138.00	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.0
140.00	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
142.00	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0
144.00	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2
146.00	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4
148.00	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4
150.00	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5
152.00	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5
154.00	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6
156.00	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6
158.00	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
160.00	1.2	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
162.00	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.3
164.00	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1
166.00	1.0	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8
168.00	1.0	1.0	1.1	1.0	1.0	0.9	0.9	0.8	0.7

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
170.00	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.7
172.00	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
174.00	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
176.00	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9
178.00	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9
180.00	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2174.2	2162.2	2149.7	2139.9	2132.7	2126.9	2122.5	2119.6	2120.1
4.00	2019.0	1993.9	1968.9	1950.4	1933.9	1919.3	1909.5	1902.7	1900.8
6.00	1867.8	1827.7	1789.2	1758.9	1733.2	1710.8	1695.6	1684.8	1680.4
8.00	1723.6	1668.5	1616.6	1571.4	1536.5	1506.3	1484.6	1469.9	1463.1
10.00	1590.6	1517.3	1451.0	1393.0	1343.8	1305.8	1278.8	1260.0	1251.7
12.00	1462.6	1374.3	1297.5	1230.7	1178.3	1134.5	1102.1	1080.5	1069.6
14.00	1337.6	1243.3	1159.2	1084.6	1022.0	968.2	929.5	900.9	887.5
16.00	1225.7	1123.4	1026.9	938.4	867.6	807.0	763.0	732.4	716.4
18.00	1109.8	995.4	893.6	804.4	730.4	665.0	617.7	586.1	569.5
20.00	988.8	872.5	765.4	667.3	590.2	534.0	498.6	474.2	460.9
22.00	884.0	751.6	635.1	553.4	500.4	456.4	424.9	401.5	388.4
24.00	765.0	624.7	544.2	481.8	434.8	395.0	366.4	346.0	334.1
26.00	654.2	559.2	488.7	431.4	389.4	353.6	328.0	309.7	298.8
28.00	594.7	508.8	444.3	393.1	355.1	322.4	299.8	281.5	271.7
30.00	554.4	471.5	411.0	362.9	327.9	298.2	276.5	261.3	251.6
32.00	524.1	453.4	393.8	342.7	312.7	292.2	262.4	252.2	241.5
34.00	504.0	423.2	363.5	322.5	292.6	272.0	252.3	242.1	231.4
36.00	473.7	392.9	343.3	302.4	282.5	262.0	242.2	232.0	221.4
38.00	453.6	382.9	333.2	292.3	272.4	251.9	232.1	221.9	211.3
40.00	443.5	362.7	323.1	292.3	262.3	241.8	232.1	221.9	211.3
42.00	423.3	362.7	313.0	272.2	262.3	241.8	222.0	211.9	201.2
44.00	413.3	352.6	302.9	272.2	252.2	231.7	211.9	201.8	201.2
46.00	413.3	342.6	302.9	272.2	242.1	231.7	211.9	201.8	191.2
48.00	413.3	352.6	302.9	262.1	232.0	221.7	201.9	191.7	181.1
50.00	413.3	352.6	302.9	262.1	232.0	211.6	191.8	181.6	171.1
52.00	423.3	352.6	302.9	252.0	221.9	201.5	181.7	171.5	171.1
54.00	433.4	352.6	292.8	241.9	211.9	191.4	171.6	161.4	161.0
56.00	443.5	362.7	282.7	231.8	201.8	181.4	161.5	151.3	150.9
58.00	453.6	352.6	282.7	231.8	191.7	171.3	151.4	141.2	130.8
60.00	453.6	352.6	272.6	211.7	181.6	161.2	141.3	131.1	120.7
62.00	463.7	342.6	262.5	201.6	171.5	151.1	131.2	121.1	110.7
64.00	453.6	342.6	252.4	191.5	161.4	141.1	121.1	100.9	100.6
66.00	443.5	322.4	232.2	181.4	141.2	131.0	111.0	90.8	80.5
68.00	433.4	312.3	222.1	161.3	121.1	100.8	90.8	70.6	60.4
70.00	403.2	282.1	191.8	131.0	111.0	90.7	80.7	60.5	50.3
72.00	362.9	241.8	161.6	110.9	90.8	70.5	60.6	50.4	40.2
74.00	312.5	201.5	141.4	90.7	70.6	50.4	40.4	30.3	30.2
76.00	253.0	168.3	110.1	70.6	49.4	36.3	26.2	18.2	14.1
78.00	204.6	133.0	81.8	52.4	36.3	23.2	16.1	10.1	7.0
80.00	156.2	95.7	59.6	37.3	22.2	14.1	9.1	6.1	4.0
82.00	105.8	64.5	39.4	22.2	14.1	9.1	6.1	4.0	2.0
84.00	64.5	39.3	22.2	13.1	8.1	5.0	4.0	2.0	1.0
86.00	30.4	17.1	9.8	5.7	3.3	2.5	1.5	0.6	0.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
88.00	7.9	4.6	3.1	2.0	1.6	1.2	0.7	0.4	0.3
90.00	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5
92.00	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.6
94.00	1.9	1.8	1.7	1.5	1.3	1.2	1.0	0.9	0.7
96.00	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8
98.00	2.8	2.6	2.3	2.0	1.8	1.6	1.4	1.1	0.9
100.00	3.0	2.8	2.5	2.2	1.9	1.7	1.5	1.2	1.0
102.00	3.1	2.9	2.6	2.3	2.0	1.8	1.5	1.2	1.0
104.00	3.2	3.0	2.7	2.4	2.1	1.9	1.6	1.3	1.0
106.00	3.1	2.9	2.7	2.4	2.2	1.9	1.6	1.3	1.1
108.00	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.4	1.1
110.00	3.1	3.0	2.8	2.7	2.5	2.3	2.0	1.6	1.3
112.00	3.1	2.9	2.7	2.5	2.4	2.2	1.9	1.5	1.3
114.00	2.5	2.4	2.3	2.2	2.1	2.0	1.7	1.5	1.3
116.00	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.4	1.3
118.00	2.6	2.3	2.2	2.0	1.9	1.7	1.5	1.3	1.1
120.00	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.1	1.0
122.00	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9
124.00	1.6	1.5	1.4	1.4	1.3	1.2	1.0	0.9	0.8
126.00	1.4	1.4	1.3	1.3	1.3	1.2	1.1	1.0	0.9
128.00	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8
130.00	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.7
132.00	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8
134.00	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7
136.00	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
138.00	1.1	1.1	1.2	1.2	1.2	1.1	1.0	1.0	0.9
140.00	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8
142.00	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9
144.00	1.3	1.3	1.4	1.4	1.3	1.3	1.2	1.2	1.1
146.00	1.4	1.4	1.5	1.5	1.4	1.4	1.3	1.3	1.3
148.00	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.3
150.00	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4
152.00	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4
154.00	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4
156.00	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4
158.00	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5
160.00	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3
162.00	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0
164.00	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.7
166.00	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5
168.00	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5
170.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
172.00	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
174.00	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.2	1.2
176.00	1.0	1.1	1.2	1.2	1.3	1.3	1.3	1.2	1.2
178.00	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1
180.00	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2121.8	2122.7	2125.3	2131.3	2137.6	2144.1	2153.2	2164.2	2175.9
4.00	1902.0	1905.9	1913.2	1925.1	1938.8	1954.7	1974.9	1997.9	2022.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
6.00	1680.2	1686.0	1697.0	1714.9	1736.0	1762.3	1793.6	1830.7	1870.7
8.00	1463.5	1470.3	1483.9	1506.7	1535.2	1571.0	1613.4	1662.4	1717.1
10.00	1251.8	1259.5	1275.8	1301.5	1336.4	1379.6	1433.1	1496.2	1565.6
12.00	1069.5	1077.0	1094.8	1123.5	1161.7	1210.3	1268.9	1339.0	1418.0
14.00	886.2	895.5	916.9	950.5	996.0	1052.0	1117.6	1191.7	1275.4
16.00	715.0	725.0	748.0	785.5	833.4	892.7	964.4	1050.5	1140.8
18.00	567.2	575.8	596.2	632.6	682.8	747.4	821.2	908.3	1006.2
20.00	457.8	462.9	477.5	502.9	540.2	597.1	678.0	776.1	875.5
22.00	385.9	390.3	402.1	424.4	454.8	494.9	549.8	634.9	750.9
24.00	332.2	334.8	345.8	366.1	392.6	426.8	469.7	526.8	606.3
26.00	296.7	299.5	309.6	325.9	348.4	376.7	414.6	463.7	525.5
28.00	270.4	272.3	281.5	296.7	316.3	341.6	373.5	415.6	469.7
30.00	249.1	252.1	260.4	274.6	292.2	314.6	342.5	380.6	427.8
32.00	243.1	242.0	251.3	261.5	281.1	300.6	330.5	360.5	408.8
34.00	232.9	231.9	241.3	251.4	261.1	280.5	300.4	340.5	378.9
36.00	222.8	221.8	231.2	241.4	251.0	260.5	280.4	310.5	359.0
38.00	212.7	211.8	221.2	231.3	241.0	250.5	270.4	300.4	339.0
40.00	212.7	211.8	211.1	221.3	230.9	250.5	260.4	290.4	329.1
42.00	202.6	201.7	211.1	221.3	230.9	240.5	250.4	280.4	309.1
44.00	192.4	191.6	201.1	211.2	220.9	230.4	240.4	270.4	309.1
46.00	192.4	191.6	201.1	201.2	210.9	220.4	240.4	260.4	299.2
48.00	182.3	181.5	191.0	191.1	200.8	210.4	230.3	250.4	289.2
50.00	172.2	171.4	181.0	191.1	200.8	200.4	220.3	240.4	279.2
52.00	162.0	171.4	170.9	181.0	180.7	190.4	210.3	230.3	269.2
54.00	151.9	151.3	160.9	171.0	170.7	180.3	200.3	230.3	269.2
56.00	141.8	141.2	150.8	160.9	170.7	170.3	190.3	220.3	259.3
58.00	131.7	131.1	140.8	150.9	150.6	160.3	180.3	210.3	249.3
60.00	121.5	121.0	130.7	140.8	140.6	150.3	170.2	200.3	239.3
62.00	111.4	110.9	120.6	130.8	130.5	140.3	160.2	180.3	229.4
64.00	101.3	100.8	110.6	120.7	120.5	130.2	140.2	170.2	219.4
66.00	81.0	80.7	90.5	100.6	110.4	120.2	130.2	160.2	209.4
68.00	70.9	60.5	80.4	90.5	90.4	100.2	120.2	140.2	189.5
70.00	60.8	50.4	60.3	70.4	80.3	90.2	100.1	130.2	179.5
72.00	40.5	40.3	50.3	60.3	60.2	70.1	90.1	110.2	159.5
74.00	30.4	30.3	40.2	40.2	50.2	60.1	70.1	100.1	129.6
76.00	16.2	14.1	20.1	26.2	32.1	41.1	53.1	74.1	105.7
78.00	6.1	8.1	11.1	16.1	21.1	29.1	40.1	56.1	82.8
80.00	2.0	4.0	7.0	9.1	13.1	19.0	28.0	42.1	60.8
82.00	1.0	2.0	4.0	6.0	8.0	11.0	17.0	28.0	41.9
84.00	1.0	1.0	3.0	4.0	5.0	7.0	11.0	16.0	25.9
86.00	0.2	0.3	0.6	1.5	2.3	3.1	4.5	7.0	11.0
88.00	0.2	0.3	0.4	0.6	0.9	1.3	1.6	1.9	2.7
90.00	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
92.00	0.5	0.5	0.7	0.8	0.9	1.0	1.2	1.3	1.4
94.00	0.6	0.5	0.8	1.0	1.1	1.3	1.5	1.7	1.8
96.00	0.7	0.5	0.8	1.1	1.3	1.5	1.8	2.0	2.1
98.00	0.7	0.5	0.8	1.2	1.4	1.7	2.0	2.2	2.4
100.00	0.8	0.5	0.7	1.1	1.4	1.7	2.0	2.3	2.6
102.00	0.8	0.5	0.6	1.1	1.4	1.7	2.0	2.4	2.6
104.00	0.8	0.6	0.6	1.0	1.3	1.6	2.0	2.3	2.6
106.00	0.9	0.6	0.7	0.9	1.3	1.6	1.9	2.2	2.4
108.00	0.9	0.7	0.7	0.9	1.2	1.5	1.8	2.1	2.2

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
110.00	1.1	0.8	0.8	1.0	1.3	1.6	2.0	2.2	2.4
112.00	1.2	1.0	1.1	1.2	1.5	1.8	2.1	2.3	2.4
114.00	1.1	1.0	0.9	1.0	1.2	1.4	1.5	1.7	1.8
116.00	1.1	1.0	1.0	1.1	1.2	1.4	1.5	1.6	1.6
118.00	1.0	0.9	1.0	1.1	1.2	1.4	1.6	1.7	1.8
120.00	0.9	0.8	0.8	0.9	1.0	1.1	1.2	1.2	1.3
122.00	0.8	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.1
124.00	0.7	0.6	0.6	0.7	0.8	0.8	0.9	0.9	0.9
126.00	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
128.00	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8
130.00	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
132.00	0.7	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.7
134.00	0.7	0.6	0.5	0.5	0.4	0.5	0.5	0.5	0.5
136.00	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4
138.00	0.8	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7
140.00	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4
142.00	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4
144.00	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6
146.00	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6
148.00	1.3	1.3	1.2	1.1	0.9	0.8	0.7	0.7	0.6
150.00	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6
152.00	1.4	1.3	1.3	1.2	1.0	0.9	0.8	0.7	0.7
154.00	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7
156.00	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7
158.00	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7
160.00	1.2	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
162.00	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.6
164.00	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
166.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
168.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
172.00	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8
174.00	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8
176.00	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8
178.00	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.8
180.00	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
0.00	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4	2330.4
2.00	2189.1	2203.2	2220.3	2235.3	2253.1	2270.0	2287.9	2306.7	2325.5
4.00	2048.7	2079.0	2112.2	2144.1	2179.7	2214.5	2250.3	2288.9	2326.5
6.00	1915.3	1962.7	2013.9	2064.9	2118.3	2170.9	2225.6	2282.0	2337.3
8.00	1775.9	1842.5	1913.7	1985.6	2060.8	2132.3	2206.8	2283.0	2359.1
10.00	1640.6	1724.2	1811.6	1904.4	2000.3	2092.6	2188.0	2284.0	2379.8
12.00	1508.2	1606.0	1709.4	1819.2	1933.9	2045.1	2160.4	2273.1	2389.7
14.00	1369.8	1478.7	1597.3	1723.0	1857.6	1986.6	2121.8	2258.3	2394.7
16.00	1240.4	1353.5	1477.2	1620.0	1772.3	1923.2	2078.3	2234.6	2392.7
18.00	1121.9	1244.2	1376.0	1524.9	1692.1	1860.8	2033.8	2209.0	2384.8
20.00	994.5	1127.9	1266.9	1422.8	1603.8	1792.4	1990.3	2187.2	2383.8
22.00	878.0	1014.7	1166.7	1332.7	1518.6	1727.0	1947.8	2165.5	2382.8
24.00	747.6	900.4	1058.6	1242.5	1438.3	1660.6	1907.2	2149.7	2388.7
26.00	618.2	791.0	966.3	1159.3	1370.9	1600.2	1869.7	2137.9	2397.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
28.00	545.5	662.9	873.0	1075.0	1302.5	1542.7	1832.1	2127.0	2409.5
30.00	495.7	589.3	754.0	997.8	1236.1	1491.2	1801.5	2124.0	2432.2
32.00	467.9	556.5	674.6	921.5	1179.6	1456.5	1779.7	2132.9	2470.8
34.00	448.0	526.7	644.9	822.4	1130.0	1416.9	1759.9	2142.8	2510.3
36.00	418.1	506.8	615.1	772.8	1080.5	1387.2	1759.9	2172.4	2569.6
38.00	408.1	487.0	605.2	753.0	1011.1	1367.3	1759.9	2211.9	2638.8
40.00	388.2	477.0	595.3	753.0	981.3	1357.4	1769.8	2271.2	2737.6
42.00	378.3	467.1	595.3	753.0	981.3	1347.5	1809.4	2340.3	2876.0
44.00	368.3	457.1	585.3	753.0	991.2	1327.7	1839.0	2439.0	3044.0
46.00	358.4	447.2	575.4	762.9	1011.1	1347.5	1888.5	2547.7	3241.6
48.00	348.4	437.3	575.4	762.9	1021.0	1367.3	1928.0	2656.3	3459.1
50.00	338.5	427.3	565.5	762.9	1040.8	1397.1	1967.6	2745.2	3656.7
52.00	328.5	417.4	555.6	753.0	1050.7	1426.8	1977.4	2824.1	3844.5
54.00	318.6	407.5	545.6	753.0	1050.7	1446.6	1997.2	2863.6	3982.9
56.00	318.6	407.5	535.7	743.1	1050.7	1456.5	2017.0	2893.3	4081.7
58.00	308.6	397.5	525.8	723.3	1040.8	1466.4	2017.0	2883.4	4150.9
60.00	298.6	387.6	515.9	713.4	1021.0	1456.5	2007.1	2853.8	4170.6
62.00	298.6	387.6	506.0	693.6	1001.2	1446.6	1987.3	2804.4	4131.1
64.00	288.7	377.6	506.0	673.8	971.4	1407.0	1957.7	2735.3	4071.8
66.00	278.7	367.7	486.1	653.9	931.8	1357.4	1918.1	2646.4	3973.0
68.00	258.8	357.8	466.3	634.1	882.2	1288.1	1858.8	2537.8	3795.1
70.00	238.9	337.9	446.4	594.5	832.6	1208.8	1759.9	2409.4	3538.1
72.00	219.0	318.0	416.7	554.9	763.3	1109.7	1621.5	2261.3	3212.0
74.00	199.1	288.2	386.9	495.4	684.0	1000.7	1453.4	2073.7	2885.8
76.00	160.3	245.5	334.3	430.0	588.8	871.9	1254.7	1820.9	2556.7
78.00	128.4	200.7	278.8	358.7	483.7	719.3	1042.1	1479.2	2158.5
80.00	95.6	155.0	219.3	282.4	375.7	554.9	816.7	1106.9	1725.6
82.00	65.7	107.3	154.8	200.1	264.7	382.5	564.6	735.7	1197.8
84.00	40.8	65.6	97.2	125.8	163.6	229.9	331.2	417.7	607.8
86.00	16.8	28.6	42.9	57.0	72.1	94.1	120.4	147.7	160.9
88.00	3.3	3.9	4.8	5.8	6.3	6.7	6.5	5.7	4.8
90.00	1.1	1.1	1.2	1.2	1.1	1.1	1.0	0.9	0.8
92.00	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.0
94.00	1.9	1.9	1.9	1.8	1.7	1.6	1.4	1.3	1.2
96.00	2.2	2.2	2.2	2.1	2.0	1.8	1.6	1.5	1.3
98.00	2.5	2.5	2.5	2.3	2.2	2.0	1.7	1.6	1.4
100.00	2.6	2.6	2.6	2.4	2.2	2.0	1.8	1.6	1.4
102.00	2.7	2.7	2.6	2.5	2.3	2.0	1.8	1.6	1.4
104.00	2.7	2.7	2.6	2.4	2.2	1.9	1.7	1.5	1.4
106.00	2.5	2.5	2.4	2.2	2.0	1.8	1.5	1.4	1.3
108.00	2.3	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.1
110.00	2.4	2.3	2.1	2.0	1.8	1.6	1.4	1.3	1.2
112.00	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.4	1.3
114.00	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9
116.00	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.8
118.00	1.8	1.8	1.7	1.5	1.3	1.1	0.9	0.8	0.8
120.00	1.3	1.3	1.2	1.1	1.0	0.9	0.7	0.7	0.6
122.00	1.1	1.1	1.1	1.0	0.8	0.7	0.6	0.5	0.5
124.00	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4
126.00	0.9	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4
128.00	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.3
130.00	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Intensità luminosa [cd] EE01 (Wow) / Total LVK

G/C [cd	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
132.00	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5
134.00	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
136.00	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2
138.00	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3
140.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
142.00	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
144.00	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
146.00	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
148.00	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.3
150.00	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4
152.00	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4
154.00	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4
156.00	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4
158.00	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4
160.00	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4
162.00	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4
164.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
166.00	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
168.00	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
170.00	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
172.00	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.6	0.6
174.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
176.00	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
178.00	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
180.00	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	EE01 (Wow)		
Number:	PL38775/00	**Diameter:**	0 mm
Report:	TR04562/00	**Length:**	314 mm
Test no.:	1	**Width:**	367 mm
Flux Meas:	24783.99 lm	**Height:**	0 mm
Date:	03/10/2019 15:09:30	**Operator:**	Roberto Cammertoni

Flusso zonale EE01 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
0.0	94.03	94.03	94.03	0.00	0.00	0.00	0.00
2.0	85.52	102.97	94.18	8.93	8.93	0.04	0.04
4.0	76.69	113.65	94.76	26.87	35.80	0.11	0.14
6.0	67.79	126.92	96.12	45.21	81.02	0.18	0.33
8.0	59.03	143.22	98.58	64.49	145.50	0.26	0.59
10.0	50.51	160.20	101.82	85.20	230.70	0.34	0.93
12.0	43.15	175.07	105.19	107.35	338.05	0.43	1.36
14.0	35.76	189.19	108.49	130.63	468.68	0.53	1.89
16.0	28.85	202.58	111.66	154.86	623.54	0.62	2.52
18.0	22.88	215.17	114.52	179.72	803.26	0.73	3.24
20.0	18.47	228.66	117.44	205.24	1008.50	0.83	4.07
22.0	15.57	242.54	120.64	231.87	1240.37	0.94	5.00
24.0	13.40	258.29	124.26	260.06	1500.43	1.05	6.05
26.0	11.97	276.84	128.52	290.33	1790.76	1.17	7.23
28.0	10.91	299.59	133.82	323.67	2114.43	1.31	8.53
30.0	10.05	327.79	140.31	361.19	2475.62	1.46	9.99
32.0	9.74	361.03	148.43	404.16	2879.78	1.63	11.62
34.0	9.34	397.04	157.19	452.38	3332.16	1.83	13.44
36.0	8.93	436.22	167.02	505.39	3837.55	2.04	15.48
38.0	8.53	472.57	176.84	562.41	4399.96	2.27	17.75
40.0	8.52	503.83	186.76	621.88	5021.83	2.51	20.26
42.0	8.12	530.45	196.15	682.74	5704.57	2.75	23.02
44.0	7.73	554.65	205.49	744.44	6449.00	3.00	26.02
46.0	7.71	579.26	214.75	807.59	7256.59	3.26	29.28
48.0	7.31	608.71	224.72	873.50	8130.10	3.52	32.80
50.0	6.90	642.59	235.27	943.48	9073.57	3.81	36.61
52.0	6.54	680.11	246.54	1017.62	10091.19	4.11	40.72
54.0	6.10	719.07	257.85	1094.76	11185.95	4.42	45.13
56.0	5.70	748.59	268.48	1171.72	12357.67	4.73	49.86
58.0	5.28	762.40	276.70	1242.62	13600.28	5.01	54.88
60.0	4.87	750.70	281.06	1299.33	14899.61	5.24	60.12

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale EE01 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
62.0	4.47	709.55	279.36	1332.10	16231.71	5.37	65.49
64.0	4.06	663.78	269.49	1329.05	17560.76	5.36	70.86
66.0	3.25	634.49	252.07	1284.65	18845.41	5.18	76.04
68.0	2.44	584.78	227.91	1200.74	20046.15	4.84	80.88
70.0	2.03	507.42	200.60	1087.21	21133.36	4.39	85.27
72.0	1.62	419.47	170.61	953.89	22087.25	3.85	89.12
74.0	1.22	349.31	139.55	806.12	22893.37	3.25	92.37
76.0	0.57	275.61	112.16	660.78	23554.15	2.67	95.04
78.0	0.25	197.86	83.17	517.25	24071.40	2.09	97.12
80.0	0.08	131.32	50.36	356.23	24427.63	1.44	98.56
82.0	0.04	82.89	25.68	204.12	24631.75	0.82	99.39
84.0	0.04	42.37	11.23	99.57	24731.31	0.40	99.79
86.0	0.01	12.20	2.91	38.29	24769.60	0.15	99.94
88.0	0.01	1.50	0.25	8.59	24778.19	0.03	99.98
90.0	0.01	0.05	0.02	0.74	24778.93	0.00	99.98
92.0	0.01	0.06	0.03	0.15	24779.08	0.00	99.98
94.0	0.00	0.08	0.04	0.18	24779.26	0.00	99.98
96.0	0.00	0.10	0.04	0.21	24779.46	0.00	99.98
98.0	0.00	0.12	0.05	0.23	24779.70	0.00	99.98
100.0	0.00	0.12	0.05	0.25	24779.95	0.00	99.98
102.0	0.00	0.13	0.05	0.26	24780.20	0.00	99.98
104.0	0.00	0.13	0.05	0.26	24780.46	0.00	99.99
106.0	0.00	0.13	0.05	0.25	24780.71	0.00	99.99
108.0	0.00	0.12	0.04	0.24	24780.95	0.00	99.99

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale EE01 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
110.0	0.00	0.13	0.05	0.24	24781.19	0.00	99.99
112.0	0.00	0.12	0.05	0.25	24781.43	0.00	99.99
114.0	0.00	0.10	0.04	0.22	24781.65	0.00	99.99
116.0	0.00	0.10	0.04	0.19	24781.85	0.00	99.99
118.0	0.00	0.11	0.04	0.18	24782.03	0.00	99.99
120.0	0.00	0.09	0.03	0.17	24782.20	0.00	99.99
122.0	0.00	0.07	0.03	0.14	24782.33	0.00	99.99
124.0	0.00	0.07	0.02	0.12	24782.45	0.00	99.99
126.0	0.00	0.06	0.02	0.11	24782.55	0.00	99.99
128.0	0.00	0.05	0.02	0.09	24782.65	0.00	99.99
130.0	0.00	0.04	0.02	0.08	24782.73	0.00	99.99
132.0	0.00	0.05	0.02	0.08	24782.80	0.00	100.00
134.0	0.00	0.04	0.01	0.07	24782.87	0.00	100.00
136.0	0.00	0.03	0.01	0.06	24782.93	0.00	100.00
138.0	0.00	0.05	0.02	0.06	24782.99	0.00	100.00
140.0	0.01	0.04	0.02	0.06	24783.05	0.00	100.00
142.0	0.01	0.05	0.02	0.06	24783.12	0.00	100.00
144.0	0.01	0.05	0.02	0.07	24783.18	0.00	100.00
146.0	0.01	0.06	0.02	0.07	24783.26	0.00	100.00
148.0	0.01	0.06	0.03	0.08	24783.33	0.00	100.00
150.0	0.01	0.06	0.03	0.08	24783.41	0.00	100.00
152.0	0.01	0.07	0.03	0.07	24783.48	0.00	100.00
154.0	0.01	0.07	0.03	0.07	24783.55	0.00	100.00
156.0	0.00	0.07	0.03	0.07	24783.62	0.00	100.00

iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Flusso zonale EE01 (Wow) / Total LVK

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imedia [cd/klm]	Flusso zonale [lm]	Somma del flusso zonale [lm]	Flusso zonale rel. [%]	Somma del flusso relativo [%]
158.0	0.00	0.07	0.03	0.07	24783.69	0.00	100.00
160.0	0.00	0.06	0.03	0.06	24783.75	0.00	100.00
162.0	0.00	0.06	0.03	0.05	24783.80	0.00	100.00
164.0	0.00	0.05	0.02	0.04	24783.84	0.00	100.00
166.0	0.01	0.04	0.02	0.03	24783.88	0.00	100.00
168.0	0.01	0.04	0.02	0.03	24783.90	0.00	100.00
170.0	0.01	0.04	0.02	0.02	24783.93	0.00	100.00
172.0	0.01	0.04	0.03	0.02	24783.95	0.00	100.00
174.0	0.00	0.05	0.03	0.02	24783.97	0.00	100.00
176.0	0.00	0.05	0.03	0.01	24783.98	0.00	100.00
178.0	0.00	0.05	0.03	0.01	24783.99	0.00	100.00
180.0	0.00	0.04	0.03	0.00	24783.99	0.00	100.00

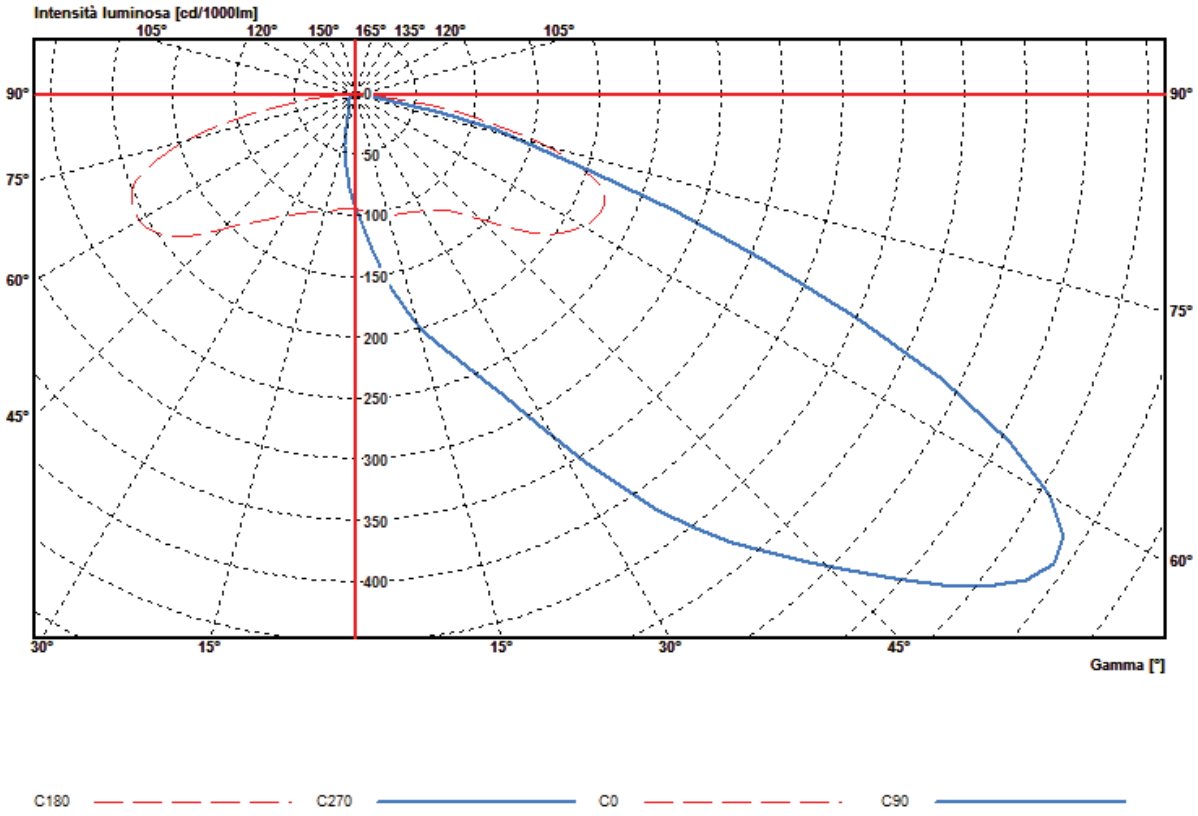
iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

RISULTATI FOTOMETRICI

Name:	EE01 (Wow)		
Number:	PL38775/00	**Diameter:**	0 mm
Report:	TR04562/00	**Length:**	314 mm
Test no.:	1	**Width:**	367 mm
Flux Meas:	24783.99 lm	**Height:**	0 mm
Date:	03/10/2019 15:09:30	**Operator:**	Roberto Cammertoni

Diagramma polare EE01 (Wow) / Total LVK



iGuzzini Illuminazione S.p.A.
62019 Recanati Italy
Via Mariano Guzzini

telefono (+39) 071 - 75881
telefax (+39) 071 - 7588295
e-mail: iguzzini@iguzzini.it

Ref. No. IMQ-125/CTF2-F

RECOGNITION

WE DECLARE THAT

iGuzzini Illuminazione S.p.A.

IN ITS TESTING LABORATORY

Laboratorio Fotometrico
Via Mariano Guzzini, 37
IT - 62019 Recanati (MC)

HAS BEEN RECOGNIZED FOR THE APPLICATION OF PROCEDURE

CUSTOMERS' TESTING FACILITIES (CTFs)
STAGE 2

AS DESCRIBED IN *IMQ RULES FOR RECOGNITION AND UTILIZATION OF TESTING FACILITIES* IN THE PERFORMING OF TESTS COVERED IN THE SCOPE REPORTED IN THE ANNEX OF THIS RECOGNITION

(PRODUCT CATEGORY: E3)

IMQ S.p.A. will accept the test results of the above testing laboratory
as basis to issue its own certifications

IMQ S.p.A cosign

First issue: 2015-03-17
Current issue: 2020-03-31
Replaces: 2020-03-25
Expiry date: 2021-03-16

Mod. 3459/2

THE VALIDITY OF THIS RECOGNITION IS SUBJECTED TO THE CONTINUOUS RESPECT OF RELEVANT IMQ RULES AND IS RELEVANT TO THE STANDARDS LISTED IN THE ANNEX TO THIS RECOGNITION

Scope of the CTF

Category	Standard	Details
E3	UNI EN 13032-1:2012	All clauses
	UNI EN 13032-2:2017	All clauses
	UNI EN 13032-3:2008	All clauses
	UNI EN 13032-4:2019	Accepted clauses 6.2, 6.3, 6.4, 6.5, 6.6, 7.1

Terms of recognition

The acceptance of the test results is subjected to the following terms and conditions:

- testing program falling in the "Scope of recognition";
- each testing session witnessed by IMQ engineers;
- continuous conformance of quality system and facilities of the testing laboratory with the IMQ requirements.

First issue: 2015-03-17
Current issue: 2020-03-31
Replaces: 2020-03-25
Expiry date: 2021-03-16

1.154.012.02
IS11894/02

WOW
SMALL/LARGE
HIGH OUTPUT

IT *ATTENZIONE:*
LA SICUREZZA DELL'APPARECCHIO E' GARANTITA SOLO CON L'USO APPROPRIATO DELLE SEGUENTI ISTRUZIONI; PERTANTO E' NECESSARIO CONSERVARLE.

GB *WARNING:*
THE SAFETY OF THIS FIXTURE IS GUARANTEED ONLY IF YOU COMPLY WITH THESE INSTRUCTIONS; REMEMBER TO CONSERVE IN A SAFE PLACE.

FR *ATTENTION:*
LA SECURITE' DE L'APPAREIL N'EST GARANTIE QU'EN CAS D'UTILISATION CORRECTE DES INSTRUCTIONS SUIVANTES; IL FAUT PAR CONSEQUENT LES CONSERVER.

DE *ACHTUNG:*
DIE SICHERHEIT DES GERÄTES WIRD NUR DURCH SACHGEMÄSCE BEFOLGUNG NACHSTEHENDER ANWEISUNGEN GEWÄHRLEISTET; IHRE AUFBEWAHRUNG IST DESHALB SEHR WICHTIG.

NL *OPGELET:*
DE VEILIGHEID VAN DITTOESTEL IS SLECHTS DAN GEGARANDEERD ALS DE VOLGENDE INSTRUCTIES STRIKT WORDEN TOEGEPAST: DAAROM MOET MEN ZE OOK BEWAREN.

ES *ATENCION:*
LA SEGURIDAD DEL APARATO SE GARANTIZA SOLO CUMPLIENDO CUIDADOSAMENTE LAS SIGUIENTES INSTRUCCIONES; POR ELLO, ES NECESARIO CONSERVARLAS.

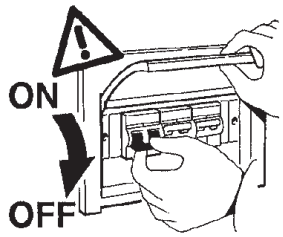
DA *BEMÆRK:*
SIKKERHEDEN VED BRUG AF ARMATURET KAN KUN GARANTERES, HVIS DISSE ANVISNINGER FØLGES; SØRG DERFOR FOR AT GEMME DEM.

NO *ADVARSEL:*
SIKKERHETEN TIL DETTE APPARATET GARANTERES KUN HVIS DU OVERHOLDER DISSE INSTRUKSJONENE; HUSK Å OPPBEVARE DEM PÅ ET TRYGT STED.

SV *OBSERVERA!*
UTRUSTNINGENS SÄKERHET KAN ENDAST GARANTERAS OM DESSA ANVISNINGAR RESPEKTERAS I DETALJ. SPARA DÄRFÖR DESSA ANVISNINGAR FÖR FRAMTIDA KONSULTATION.

RU ВНИМАНИЕ:
МЫ ГАРАНТИРУЕМ БЕЗОПАСНУЮ ЭКСПЛУАТАЦИЮ ИЗДЕЛИЯ ТОЛЬКО ПРИ СОБЛЮДЕНИИ СЛЕДУЮЩИХ ИНСТРУКЦИЙ; С ЭТОЙ ЦЕЛЬЮ НЕОБХОДИМО СОХРАНИТЬ ДАННУЮ БРОШЮРУ.

ZH 警告
为确保该装置安全，请遵守操作指示；并于安全场所放置。



IT N.B.: DURANTE L'INSTALLAZIONE DEL SISTEMA RISPETTARE SCRUPOLOSAMENTE LE NORME IMPIANTISTICHE VIGENTI.

EN N.B.: WHEN INSTALLING THE SYSTEM, STRICTLY COMPLY WITH ALL REGULATIONS ON INSTALLATION IN FORCE.

FR N.B.: LORS DE L'INSTALLATION DU SYSTÈME VEUILLEZ RESPECTER RIGOUREUSEMENT LES NORMES EN VIGUEUR EN LA MATIÈRE.

DE NB: BEACHTEN SIE BEI DER INSTALLATION DES SYSTEMS GEWISSENHAFT DIE GÜLTIGEN BESTIMMUNGEN BEZÜGLICH DER ANLAGENTECHNIK.

NL N.B.: BIJ HET INSTALLEREN VAN HET SYSTEEM MOET U DE GELDEN DE INSTALLATIENORMEN STRIKT NALEVEN.

ES N.B.: DURANTE LA INSTALACIÓN DEL SISTEMA RESPETAR E SCRUPULOSAMENTE LAS NORMAS DE INSTALACIÓN VIGENTES.

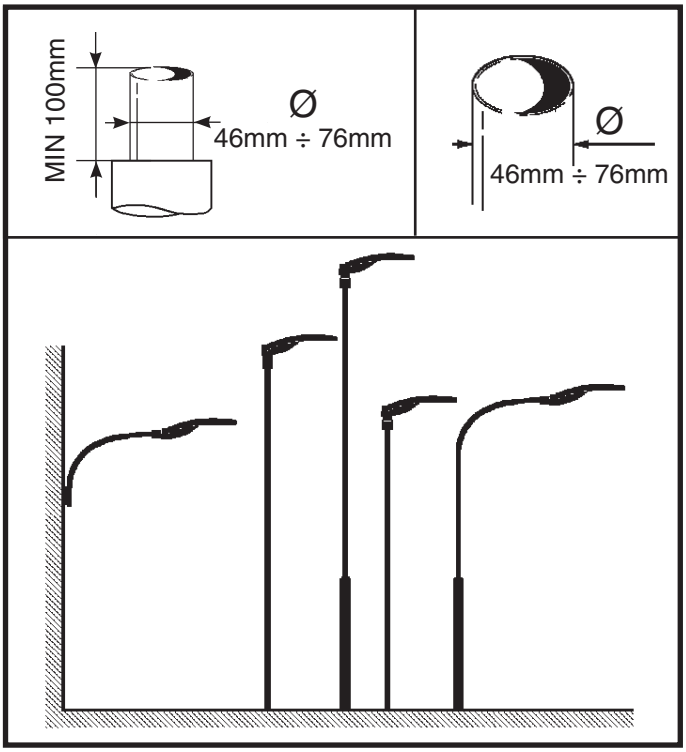
DA N.B.: UNDER INSTALLATION AF SYSTEMET SKAL MAN NØJE OVERHOLDE DE GÆLDENDE REGLER FOR DISSE ANLÆG.

NO N.B.: VED INSTALLASJON AV SYSTEMET SKAL ALLE FORSKRIFTER OM INSTALLASJON SOM GJELDER FØLGES STRENGT.

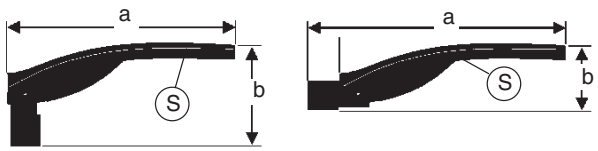
SV OBS! UNDER INSTALLATIONEN AV SYSTEMET SKA INSTALLATIONSFÖRESKRIFTERNA RESPEKTERAS I DETALJ.

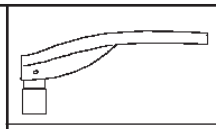
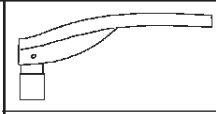
RU ПРИМЕЧАНИЕ: В ПРОЦЕССЕ МОНТАЖА СИСТЕМЫ СТРОГО СОБЛЮДАЙТЕ НАЦИОНАЛЬНЫЕ ДЕЙСТВУЮЩИЕ НОРМАТИВЫ ПО ЭЛЕКТРОПРОВОДКЕ.

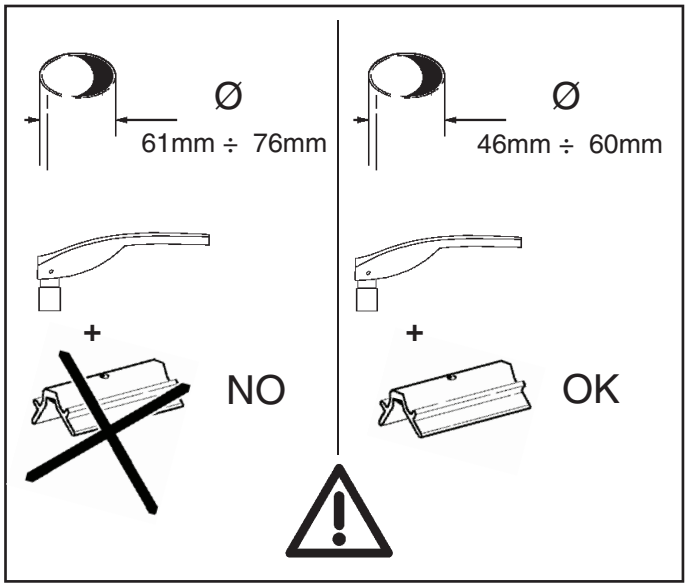
ZH 注意：在安装 系统时请谨守设备的安装规定。

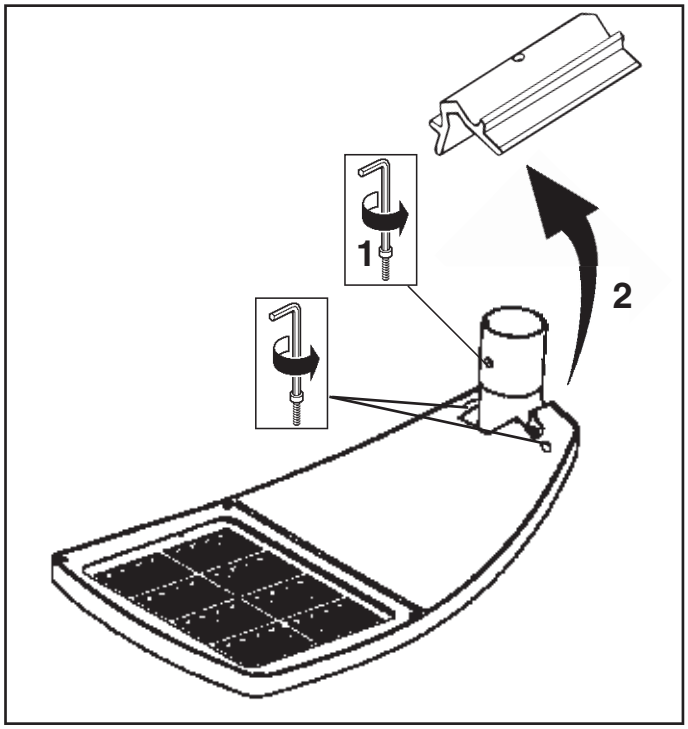


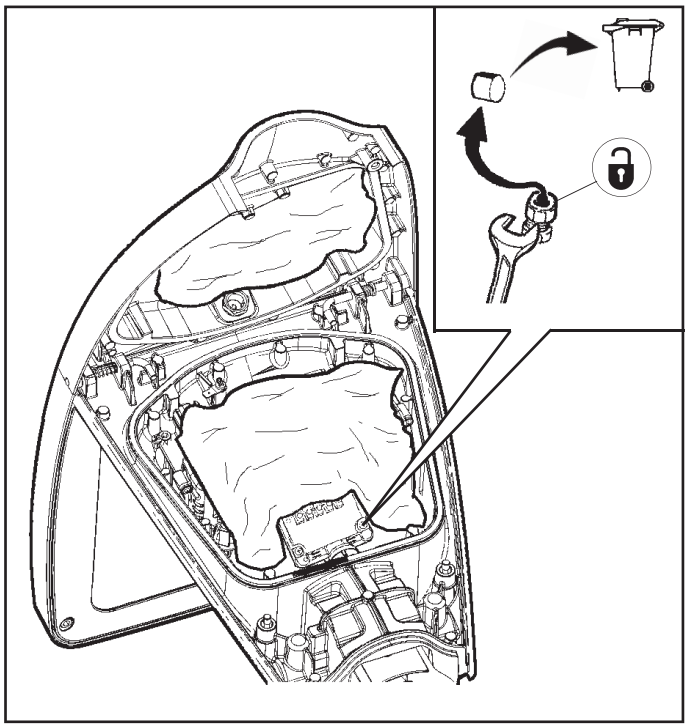
IT PESO, DIMENSIONI E SUPERFICIE , DELLE COMPOSIZIONI SENZA PALO.
EN WEIGHT, DIMENSIONS AND SURFACE OF COMPOSITIONS WITH NO POLE.
FR POIDS, DIMENSIONS ET SURFACE DES COMPOSITIONS SANS MAT.
DE GEWICHT, ABMESSUNGEN UND OBERFLÄCHE DER ZUSAMMENSTELLUNGEN OHNE MAST.
NL GEWICHT, AFMETINGEN EN OPPERVLAKTE VAN DE SAMENSTELLINGEN ZONDER PAAL.
ES PESO, DIMENSIONES Y SUPERFICIE DE LAS COMPOSICIONES SIN POSTE.
DA VÆGT, DIMENSIONER OG OVERFLADEMÅL PÅ INSTALLATIONER UDEN MAST.
NO VEKT, DIMENSJONER OG OVERFLATE PÅ KOMPOSISJONER UTEN STANG.
SV VIKT, MÅTT OCH YTA FÖR UTFÖRANDEN UTAN STOLPE.
RU МАССА, РАЗМЕРЫ И ПЛОЩАДЬ КОНСТРУКЦИЙ БЕЗ СТОЙКИ.
ZH 设备的重量、尺寸、面积（不含杆）

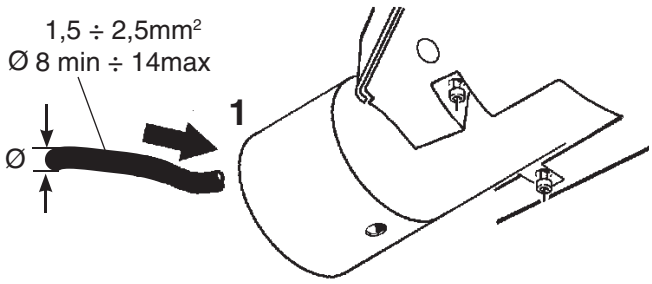


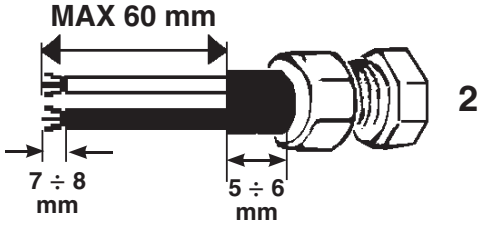
ART.		Peso Weight Poids Gewicht Gewicht Peso VÆGT VEKT VIKT ВЕС 重量 (Kg)	Dimensioni Dimensions Dimensions Abmessungen Afmetingen Dimensiones Mål - Mål - Mått РАЗМЕРЫ 合成物重量 a x b (m m)	Superficie Surface Surface Oberfläche Oppervlak Superficie Overflade Overflate Yta Поверхность 面积 S (mq)
SMALL		14,4	758 x 355	0,074
			875x 225	0,072
LARGE		18,1	812 x 358	0,085
			928 x 229	0,081

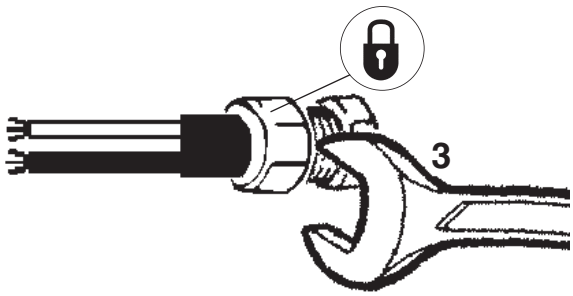

Ø
61mm ÷ 76mm
Ø
46mm ÷ 60mm
+
+
NO
OK

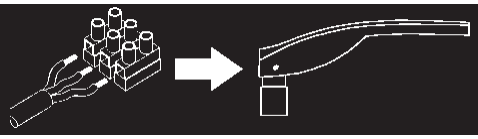

1
2



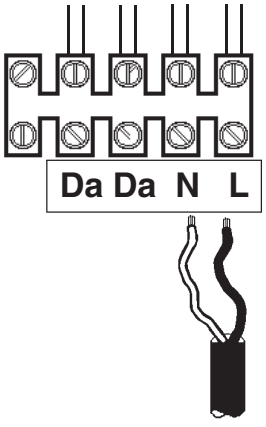

1,5 ÷ 2,5mm²
Ø 8 min ÷ 14max
Ø
1

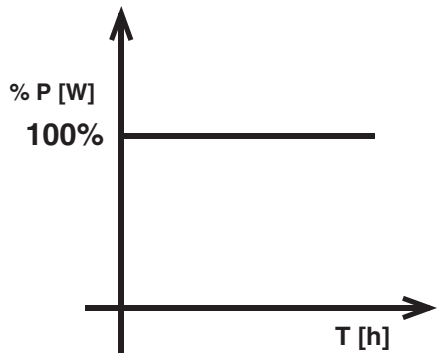

MAX 60 mm
2
7 ÷ 8 mm
5 ÷ 6 mm


3

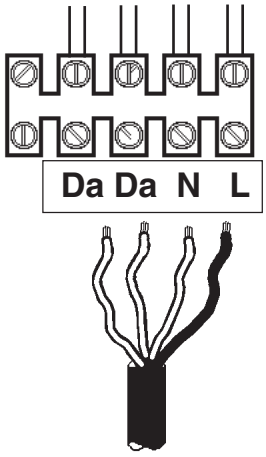


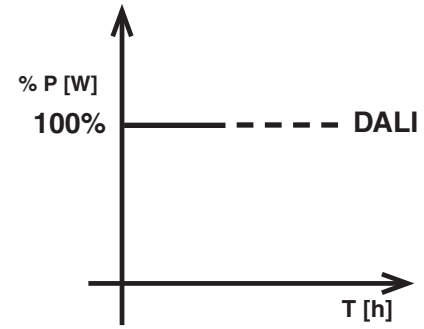
ON-OFF


Da Da N L


% P [W]
100%
T [h]

DALI





CARICO DALI / DALI LOAD CHARGE DALI (COURANT MAXI ADMISSIBLE) DALI-LAST DALI VERMOGEN CARGA DALI DALI STRØMSTYRKE BELASTNING FOR "DALI" DALI-BELASTNING МАКС. ТОК СИСТЕМЫ DALI С РЕГУЛЯЦИЕЙ ИНТЕНСИВНОСТИ СВЕТА DALI 智能调光系统允许的最大电流量	INDIRIZZI DALI DALI ADDRESSES ADRESSES DALI DALI-ADRESSEN DALI ADRESSEN DIRECCIONES DALI DALI ADRESSER ADRESSER TIL "DALI" DALI-ADRESSER ЛОГИЧЕСКИЕ АДРЕСА СИСТЕМЫ DALI DALI智能调光系统计算机指定控制参数
1 (2 m A)	1

ART. ED88 - ED89 - ED90 - ED91 - ED92 - ED93 - ED94 - ED95 - ED72 - ED73 ED74 - ED75 - ED76 - ED77 - ED78 - ED79 - ED80 - ED82 - ED83 - ED84 ED85 - ED86 - ED87 - ED96 - ED97 - ED98 - ED99

Output (W) Output (W) Émission (W) Output (W) Output (W) Salida (W) Output (W) Output (W) Uteffekt (W) Выход (Вт) 输出 (W)	Flusso (lm) Flux (lm) Flux (lm) Lichtstrom (lm) Stroom (lm) Flujo (lm) Strøm (lm) Flyt (lm) Flöde (lm) Поток (лм) 流量 (lm)
STD BY (<0,5W)	0%
28%	30%
36%	40%
45%	50%
55%	60%
66%	70%
77%	80%
88%	90%
100%	100%

ART. EE00 - EE01 - EE02 - EE03 - EE04 - EE05 - EE06 - EE07

Output (W) Output (W) Émission (W) Output (W) Output (W) Salida (W) Output (W) Output (W) Uteffekt (W) Выход (Вт) 输出 (W)	Flusso (lm) Flux (lm) Flux (lm) Lichtstrom (lm) Stroom (lm) Flujo (lm) Strøm (lm) Flyt (lm) Flöde (lm) Поток (лм) 流量 (lm)
STD BY (<0,5W)	0%
30%	33%
36%	40%
45%	50%
55%	60%
66%	70%
77%	80%
88%	90%
100%	100%

IT *Il prodotto è conforme allo standard DALI, con riferimento alle norme EN 62386-101, EN62386-102, EN62386-207.*

EN *The product complies with the DALI standard, with reference to the EN 62386-101, EN 62386-102 and EN 62386-207 standards.*

FR *Le produit est conforme à la norme DALI, repris dans les documents EN 62386-101, EN62386-102, EN62386-207.*

DE *Das Produkt erfüllt den DALI-Standard unter Bezugnahme auf die Normen EN 62386-101, EN62386-102, EN62386-207.*

NL *Het product voldoet aan de DALI-standaard, verwijzend naar de normen EN 62386-101, EN62386-102, EN62386-207.*

ES *El producto es conforme al estándar DALI, con referencia a las normas EN 62386-101, EN62386-102, EN62386-207.*

DA *Produktet stemmer overens med DALI-standarden med henvisning til standarderne EN 62386-101, EN62386-102, EN62386-207.*

NO *Produktet er i samsvar med DALI-standarden i henhold til standardene NEK-EN 62386-101, NEK-EN-62386-102, NEK-EN-62386-207.*

SV *Produkten överensstämmer med DALI-standarden, med hänvisning till standarderna EN 62386-101, EN62386-102, EN62386-207.*

RU Товар отвечает стандарту DALI, со ссылкой на стандарты EN 62386-101, EN62386-102, EN62386-207.

ZH 该产品符合数字寻址灯控接口 (DALI) 标准，并且参考 EN 62386-101、EN 62386-102 和 EN 62386-207 标准。

PROGRAMMING

IT - La programmazione deve essere fatta da personale esperto ed in sicurezza.

EN - Programming must be performed by expert personnel operating in safe conditions.

FR - La programmation doit être effectuée par un personnel expérimenté et en conditions de sécurité.

DE - Die Programmierung muss durch Fachpersonal und unter Sicherstellung erfolgen.

NL - De programmering moet door ervaren personeel en onder veilige omstandigheden worden verricht.

ES - La programación debe ser efectuada por personal experto y de manera segura.

DA - Programmeringen skal afvikles af erfarent personale og under sikre forhold.

NO - Programmeringen må gjøres av ekspertpersonale og under sikre betingelser.

SV - Programmeringen ska utföras av behörig personal och under säkra förhållanden.

RU - Программирование должно выполняться опытным персоналом и в условиях безопасности.

ZH - 应由专业人员在安全前提下进行编程。

BY WIRING

IT Per la programmazione con interfaccia via cavo è necessario contattare la "iGuzzini" comunicando il tipo di alimentatore montato sul prodotto.

EN To program with an interface connected via cable, contact "iGuzzini" and inform them of the type of power supply mounted on the product.

FR Pour la programmation avec interface filaire, veuillez contacter la société iGuzzini en spécifiant le type de ballast installé sur le produit.

DE Für die Programmierung mit Kabelschnittstelle kontaktieren Sie bitte iGuzzini unter geben den Typ des am Produkt angebrachten Versorgungseinheit an

NL Neem voor de programmering met interface via kabel contact op met "iGuzzini" en vermeld het type VSA dat op het product is gemonteerd.

ES Para la programación con interfaz por cable, es necesario contactar con "iGuzzini" y facilitar el tipo de alimentador montado en el producto.

DA Det er nødvendigt, at kontakte "iGuzzini" og oplyse om hvilken strømforsyningstype, der er monteret på produktet, ved programmering med interface via kabel.

NO For programmering med grensesnitt via kabel må du kontakte "iGuzzini" og opplyse om hva slags strømforsyningsenhet som er montert på produktet.

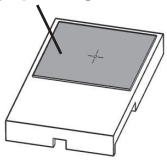
SV För programmering av gränssnitt via kabel måste man kontakta "iGuzzini" och uppge vilken typ av nätaggregat som är monterat på produkten.

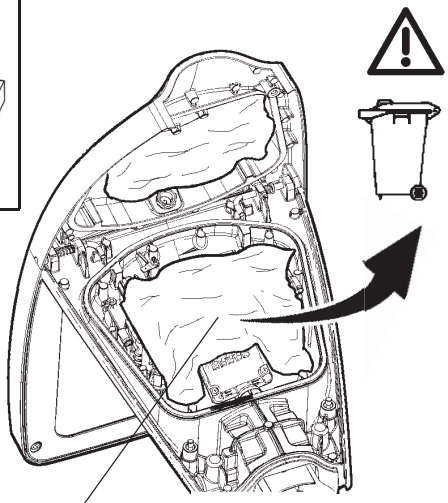
RU Для программирования интерфейса при помощи кабеля необходимо связаться с компанией «iGuzzini» и сообщить тип блока питания, установленного в изделии.

ZH 如用电缆连接设置必须联系iGuzzini，并告知产品上安装的变压器类型。

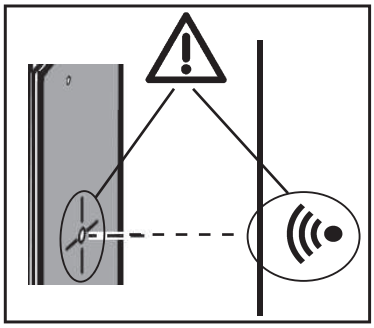
BY "NFC:

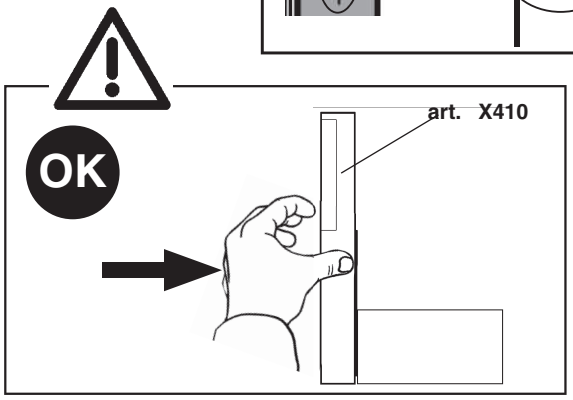
art. X410



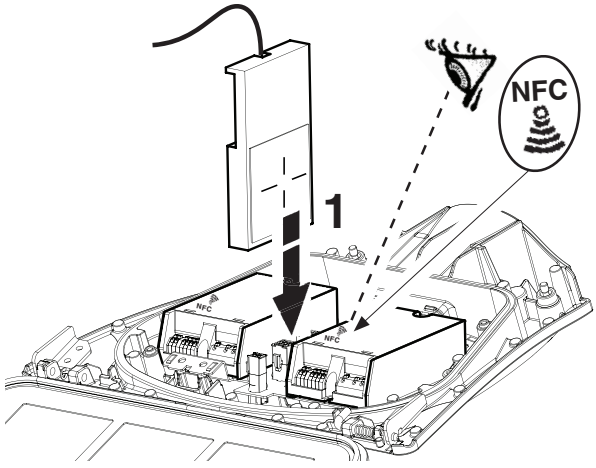


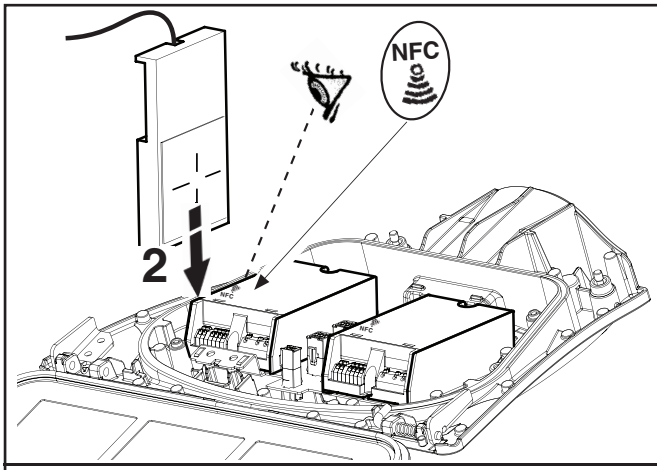
TOGLIERE LA PROTEZIONE - REMOVE THE PROTECTIVE ELEMENT
RETIRER LA PROTECTION - DEN SCHUTZ ENTFERNEN
DE BESCHERMING VERWIJDEREN - QUITAR LA PROTECCIÓN
TAG BESKYTTELSEN AF - FJERN BESKYTTELSEN
TA BORT SKYDDET - СНЯТЬ КРЫШКУ
移除防护性元件



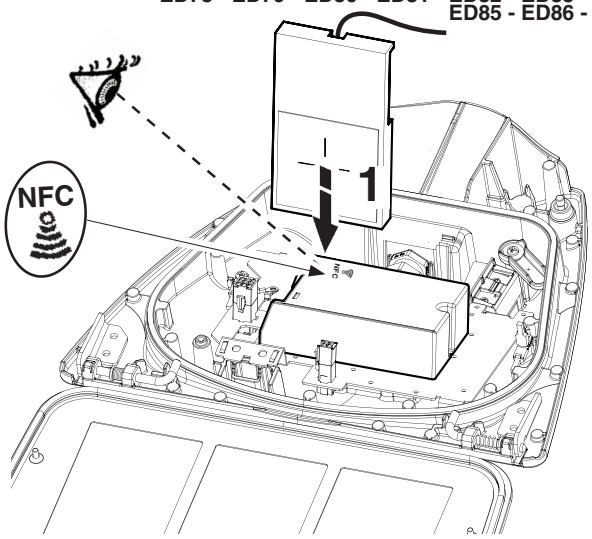


ART. ED88 - ED89 - ED90 - ED91 - ED92 - ED93
ED94 - ED95 - ED96 - ED97 - ED98 - ED99

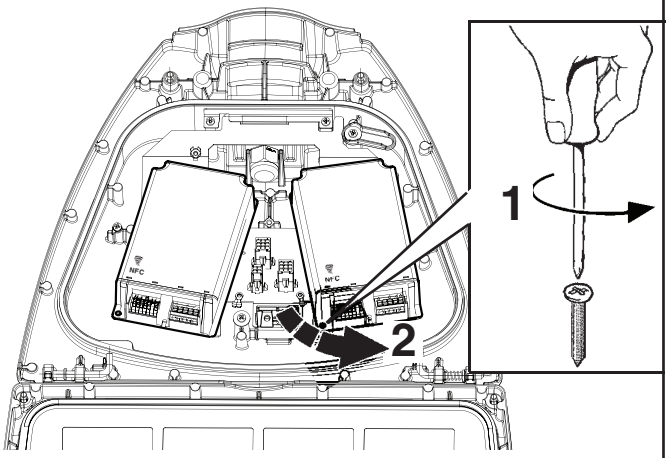


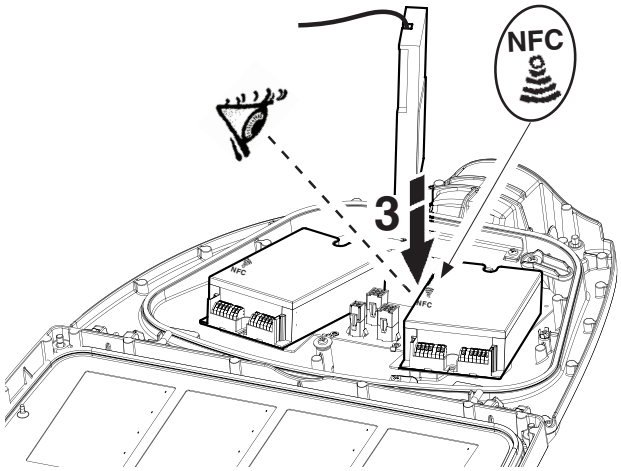


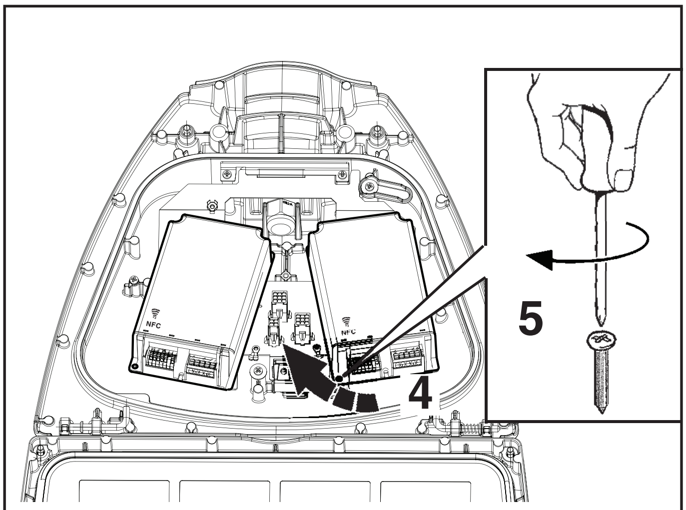
ART. ED72 - ED73 - ED74 - ED75 - ED76 - ED77
ED78 - ED79 - ED80 - ED81 - ED82 - ED83 - ED84
ED85 - ED86 - ED87

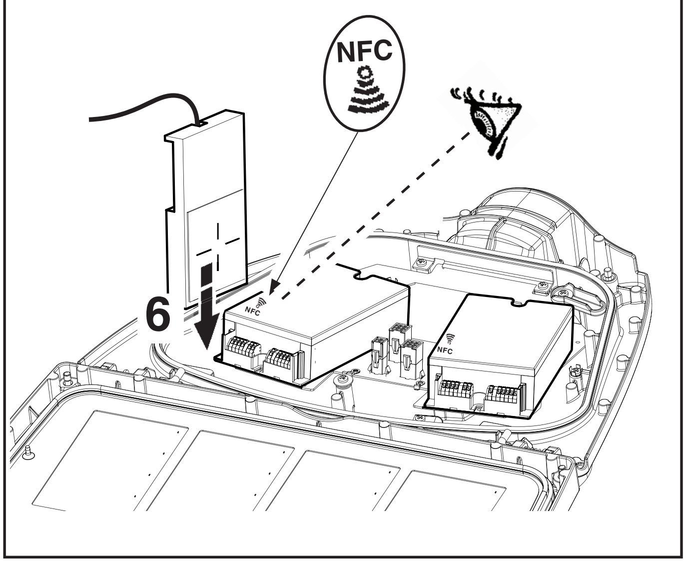


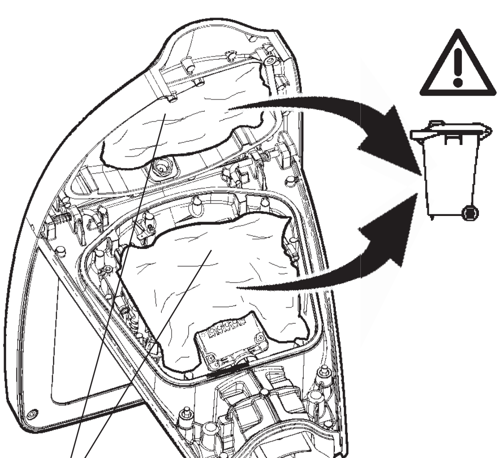
ART. EE00 - EE01 - EE02 - EE03 - EE04
- EE05 EE06 - EE07



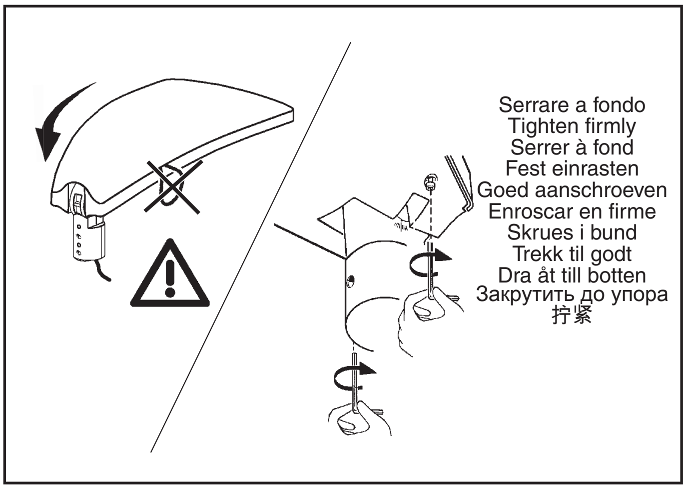


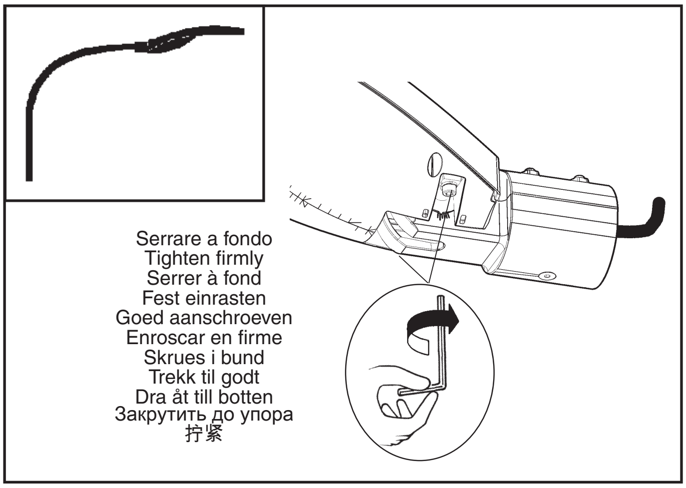


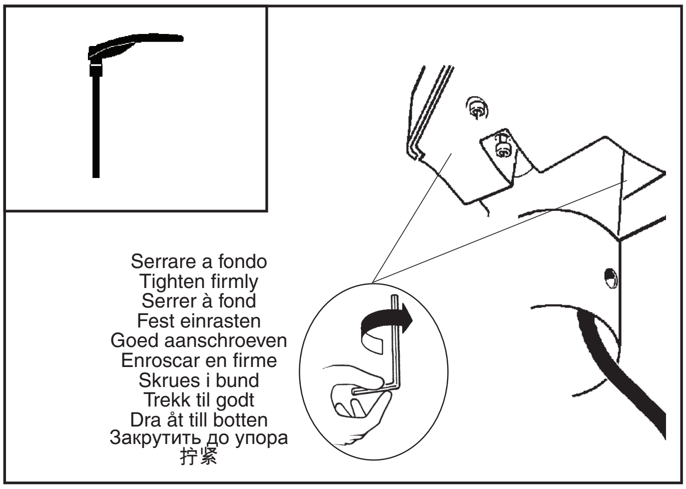


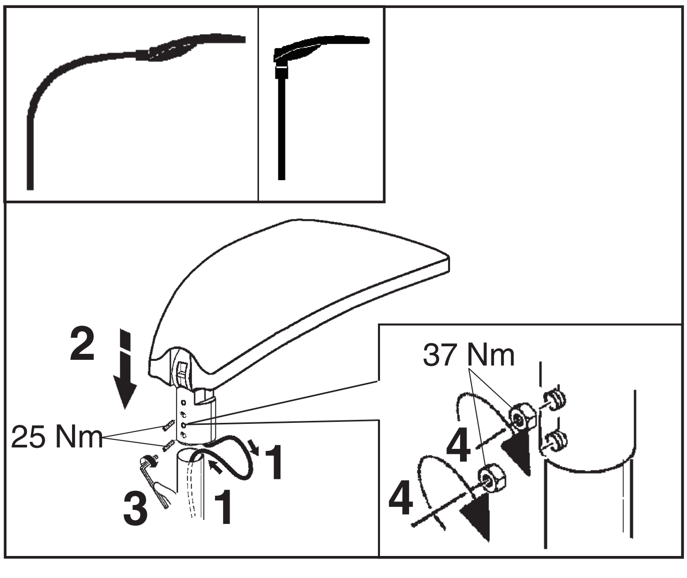


TOGLIERE LA PROTEZIONE - REMOVE THE PROTECTIVE ELEMENT
RETIRER LA PROTECTION - DEN SCHUTZ ENTFERNEN
DE BESCHERMING VERWIJDEREN - QUITAR LA PROTECCIÓN
TAG BESKYTTELSEN AF - FJERN BESKYTTELSEN
TA BORT SKYDDET - СНЯТЬ КРЫШКУ
移除防护性元件

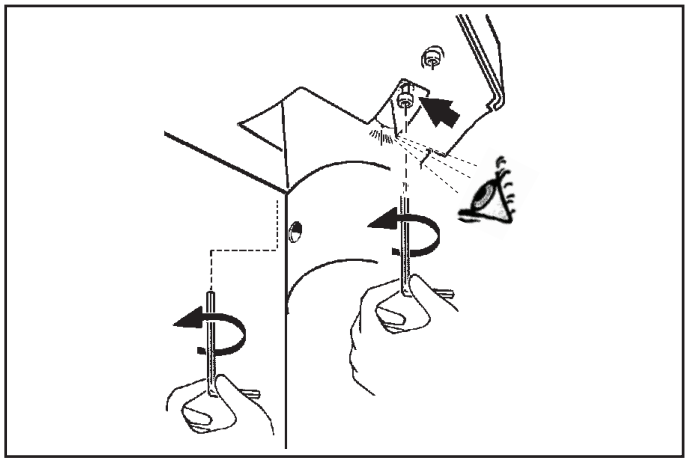


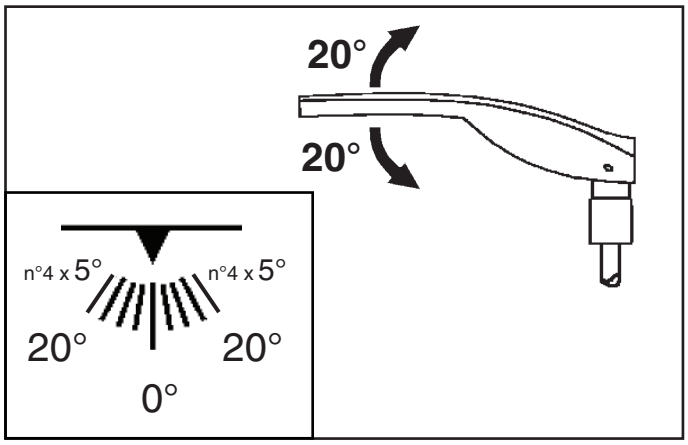


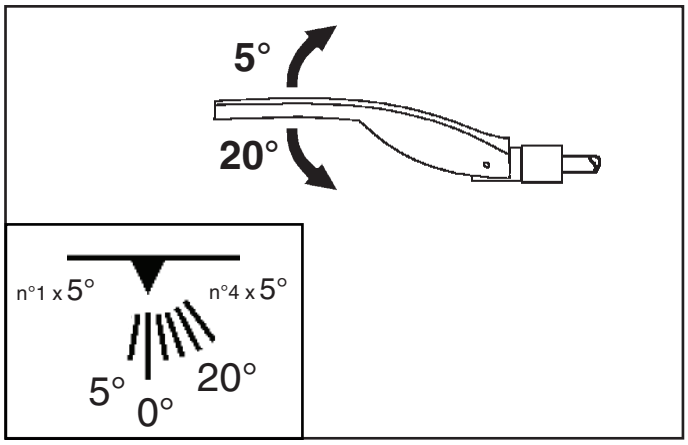


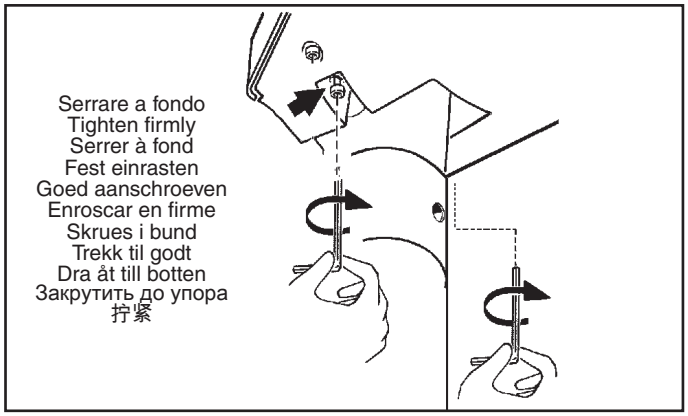


ORIENTAMENTO DEL VANO OTTICO
ADJUSTING THE POSITION OF THE OPTICAL ASSEMBLY
ORIENTATION DU GROUPE OPTIQUE
AUSRICHTEN DES LAMPENANSCHLUSSES
HET RICHTEN VAN HET VERLICHTINGSARMATUUR
ORIENTABILIDAD DE LA OPTICA
INDSTILLING AF DEN OPTISKE ENHED
JUSTERING AV POSISJONEN PÅ DEN OPTISKE ENHETEN
RIKTNING AV OPTISKT RUM
ОРИЕНТАЦИЯ ЛАМПОВОГО ОТСЕКА
可调光的位置

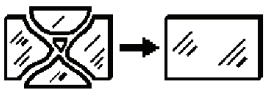




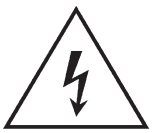




IT "Evitare di aprire il prodotto in presenza di condizioni ambientali umide"
EN "Avoid opening the product in damp weather conditions"
FR « Éviter d'ouvrir le produit en présence d'humidité ambiante »
DE "Das Produkt nicht bei feuchten Umgebungsbedingungen öffnen"
NL "Het product niet openen in een vochtige omgeving"
ES "No abrir el producto en presencia de humedad en el ambiente"
DA "Undgå at åbne produktet i fugtige miljøforhold "
NO "Unngå å åpne produktet under fuktige miljøbetingelser"
SV "Öppna inte produkten i fuktiga miljöer"
RU Не вскрывайте продукт при высокой влажности
ZH "避免在潮湿环境下打开本产品"



IT In caso di rottura del vetro il prodotto non può essere utilizzato, contattare il costruttore per la sua sostituzione.
EN Should the glass break, the product cannot be used and you should contact the manufacturer for its replacement.
FR En cas d'endommage de l'écran de protection le produit ne peut pas être utilizé, contactez le fabricant pour le remplacement.
DE Falls das Glas kaputt sein sollte, kann das Produkt nicht verwendet werden. Kontaktieren Sie in dem Fall den Hersteller, um das Glas zu ersetzen.
NL Als het glas gebroken is kan het apparaat niet worden gebruikt en moet u zich tot de fabrikant wenden voor het vervangen van het glas.
ES No utilizar el producto en caso de ruptura del vidrio y contactar el fabricante para la sustitución.
DA Hvis produktets glas ødelægges, kan det ikke anvendes. Kontakt forhandleren med henblik på udskiftning.
NO Hvis glasset skulle knuses, kan ikke produktet brukes, og du må ta kontakt med produsenten for å få det skiftet.
SV Om glaset går sönder kan inte produkten användas. Kontakta tillverkaren för att byta ut glaset.
RU В случае разбивания стекла не используйте прибор, обратитесь к его производителю для замены.
ZH 旦玻璃破碎后产品将不能再使用，须联系生产商予以更换。



IT Attenzione, rischio di scossa elettrica
EN Caution, risk of electric shock
FR Attention, risque de choc électrique
DE Achtung, Stromschlaggefahr
NL Let op, gevaar voor elektrische schok
ES Atención: riesgo de descarga eléctrica
DA Advarsel: Fare for elektrisk stød
NO Forsiktig! Fare for elektrisk støt
SV Observera, risk för elstöt
RU Внимание, риск поражения электрическим током
ZH 小心，触电危险

IT **N.B.:** Per la sostituzione del LED contattare l'azienda iGuzzini.
EN **N.B.:** For information on LED replacement please contact iGuzzini.
FR **N.B.:** Pour procéder au remplacement de la LED, adressez-vous à la société iGuzzini.
DE **N.B.:** Bezüglich des Austausches der LED kontaktieren Sie bitte die Firma iGuzzini.
NL **N.B.:** Voor het vervangen van de LED neemt u contact op met het bedrijf iGuzzini.
ES **NOTA:** Para sustituir el LED llame a la empresa iGuzzini.
DA **N.B.:** For udskiftning af lysdioden, skal man kontakte iGuzzini.
NO **N.B.:** For informasjon om skifte av LED, vennligst ta kontakt med iGuzzini.
SV **OBS!** För byte av lysdioden, kontakta företaget iGuzzini.
RU Для замены СИДов обращайтесь в компанию iGuzzini.
ZH 注意：如需LED更换的信息，请联系iGuzzini。

Digitally signed by: Anna Costa, on: 20 dicembre 2023

iGuzzini illuminazione spa
Via Mariano Guzzini, 37 - 62019 Recanati Italy