

PER. IND. ENRICO TAINO

PROGETTAZIONE E CONSULENZE
ELETTRICHE ED ILLUMINOTECNICHE

VIA MASCAGNI, N.10 - 46031 BAGNOLO SAN VITO (MN)
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PER. IND.
ENRICO
TAINO

IL PROGETTISTA

BAGNOLO S.V. (MN)
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REGIONE LOMBARDIA

PROVINCIA DI MANTOVA

COMUNE DI MANTOVA

OGGETTO

**IMPIANTO DI ILLUMINAZIONE
PUBBLICA DEL PIANO ATTUATIVO
N°23 "CIRCONVALLAZIONE SUD" A
MANTOVA (MN)**

COMMITTENTE

MANTOVANA IMMOBILIARE S.R.L.

IL COMMITTENTE

ELABORATO

**DICHIARAZIONE DI
RISPONDEZZA DEL PROGETTO
ALLA L.R. DELLA LOMBARDIA
N°17/2000 E S.M.I. E N°31/2015**

DATA

GIUGNO 2020

SCALA

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TAVOLA N.

04

FILE

DICH LR17/00.DOC

PER. IND. ENRICO TAINO

PROGETTAZIONI E CONSULENZE
ELETTRICHE ED ILLUMINOTECNICHE

**DICHIARAZIONE DI CONFORMITA' DEL PROGETTO
ILLUMINOTECNICO ALLE LEGGI REGIONALI DELLA LOMBARDIA
N°17/2000 E SUCCESSIVE MODIFICHE ED INTEGRAZIONI E
N°31/2015**

DICHIARAZIONE DI PROGETTO A REGOLA D'ARTE

Il sottoscritto PER. IND. ENRICO TAINO con studio di progettazione con sede in via MASCAGNI n°10 CAP 46031 comune BAGNOLO SAN VITO Prov. MN tel. 346-7282169 fax 0376-415655 e-mail enrico.taino@virgilio.it Iscritto all'Ordine/Collegio: COLLEGIO DEI PERITI INDUSTRIALI DI MANTOVA numero di iscrizione 898 Progettista dell'impianto d'illuminazione (descrizione sommaria): IMPIANTO D'ILLUMINAZIONE PUBBLICA ALL'INTERNO DELLE OPERE DI URBANIZZAZIONE DEL PIANO ATTUATIVO N°23 "CIRCONVALLAZIONE SUD" SUL TERRITORIO COMUNALE DI MANTOVA

DICHIARA

sotto la propria personale responsabilità che l'impianto è stato progettato in conformità alla legge della Regione Lombardia n. 17 del 27/03/2000 "MISURE URGENTI IN TEMA DI RISPARMIO ENERGETICO AD USO DI ILLUMINAZIONE ESTERNA E DI LOTTA ALL'INQUINAMENTO LUMINOSO", artt. 6 e 9, ed alle successive integrazioni e modifiche, ed alla legge della Regione Lombardia n. 31 del 05/11/2015 "MIDURE DI EFFICIENTAMENTO DEI SISTEMI DI ILLUMINAZIONE ESTERNA CON FINALITA' DI RISPARMIO ENERGETICO E DI RIDUZIONE DELL'INQUINAMENTO LUMINOSO" avendo in particolare:

- ☒ riportato dettagliatamente nel progetto illuminotecnico esecutivo tutti gli elementi per un'installazione corretta ed ai sensi delle L.R. della Lombardia n°17/2000 e successive modifiche ed integrazioni e n°31/2015.
- ☒ rispettato le indicazioni tecniche delle L.R. della Lombardia n°17/2000 e successive modifiche ed integrazioni e n°31/2015, e realizzato una relazione illuminotecnica a completamento del progetto, che dimostri la completa applicazione delle L.R. n°17/2000 e n°31/2015 medesime,
- ☒ seguito la normativa tecnica applicabile all'impiego e nello specifico la norma UNI 11248:2016 e quindi di aver realizzato un progetto a "regola d'arte"
- ☒ corredato il progetto illuminotecnico della documentazione di seguito elencata:
 - Relazione che dimostra il rispetto delle disposizioni delle L.R. della Lombardia n°17/2000 e successive modifiche ed integrazioni e n°31/2015,
 - Calcoli illuminotecnici e risultati illuminotecnici (comprensivi di eventuali curve iso-luminanze e iso-illuminamenti)
 - Dati fotometrici del corpo illuminante in formato tabellare numerico e cartaceo e sotto forma di file

PER. IND. ENRICO TAINO

**PROGETTAZIONI E CONSULENZE
ELETTRICHE ED ILLUMINOTECNICHE**

normalizzato Eulumdat. Tali dati sono stati certificati e sottoscritti, circa la loro veridicità, dal responsabile tecnico del laboratorio di misura, certificato secondo standard di qualità, preferibilmente meglio se di ente terzo quale IMQ.

DECLINA

- ogni responsabilità per sinistri a persone o a cose derivanti da una esecuzione sommaria e non realizzata con i dispositivi previsti nel progetto illuminotecnico esecutivo,
- ogni responsabilità, qualora dopo averlo segnalato alla società installatrici, la stessa proceda comunque in una scorretta installazione (non conforme alle L.R. della Lombardia n°17/2000 e successive modifiche ed integrazioni e n°31/2015) dei corpi illuminanti. In tal caso il progettista si impegna a segnalarlo al committente (pubblico o privato), in forma scritta.

San Biagio di Bagnolo San Vito (MN), giugno 2020

Il Professionista

Per. Ind. Enrico Taino

DICHIARAZIONE DI CONFORMITA'

Inquinamento luminoso – Regione Lombardia

DOC 1723/00 - LAB REV1 (06/20)

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

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

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

dichiara sotto la propria responsabilità che gli articoli:

EC33; EC37

al quale questa dichiarazione si riferisce, sono conformi alle seguenti norme/altri documenti normativi/specifiche: criteri di valutazione degli apparecchi per la limitazione della dispersione verso l'alto del flusso luminoso:

art. 5, comma a (DGR nr 7/6162) – distribuzione dell'intensità luminosa inferiore o uguale a 0.49 cd/klm a gamma 90° ed oltre, per orientamenti di 0° rispetto alla orizzontale (emissione luminosa verso il basso).

e quindi rispondente ai requisiti delle direttive:

Regione Lombardia – Legge regionale 5 ottobre 2015 - n. 31

(Requisiti validi "fino alla data di entrata in vigore del regolamento di cui all'articolo 4, comma 2", norme transitorie art.11 della Legge regionale 5 ottobre 2015 - n. 31 con riferimento a: Legge regionale nr. 17 del 27/03/2000, DGR 7/6162 del 29/09/2001 e nr. 38 del 21/02/2004).

Recanati, 29/06/2020
(Luogo e data)

Stefano Petrocchi
(Photometric Laboratory & Structural Analysis Manager)



Photogoniometer Photometric Test Report

MSQ07/A 22 (2017/03)

Summary:Relevant Standards

UNI EN 13032-4:2015 (par. 1, 2, 3, 4, 5, 6, 8, 9)

Prepared for

iGuzzini

Luminaire code number

EC33 (Wow Mini)

Test Report number

TR01925/00

Date

2017-04-06

Prepared by

Leonardo Piattoni

Head of laboratory

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.

General information

Test Report number: TR01925/00

Photometric file: PL29764/00

Luminaire code nr.: EC33 (Wow Mini)

Product type: Wow Mini

Product description: Outdoor luminaire with direct light street optic, designed to use Neutral White monochrome power LEDs. With a 5 mm thick tempered sodium-calcium glass cover. Optical assembly made of die-cast aluminium offering high yield and even light distribution.

Ballast/Driver: LED POWER SUPPLY OSRAM OPTOTRONIC OT 90/170-240/1A0 4DIMLT2 E

Led type: Osram Oslon Square GW CSSRM2.PM, 4000 K (CRI 70 typical value)

Note: -

Electrical Ratings

Voltage:	230	[V]
Current:	-	[A]
Total System Power:	63.9	[W]
Frequency:	50	[Hz]

Test Data

Leds number:	24		Voltage:	230	[V]
Lamp Power:	58	[W]	Current:	0.289	[A]
Bare Lamp Lumens:	-	[lm]	Total System Power:	64.0	[W]
Total Lumen Output:	7498	[lm]	Power Factor:	0.96	[/]
Luminous efficacy:	117.2	[lm/W]	Frequency:	50	[Hz]

Instruments

Goniophotometer: LMT GO-DS 2000 (mirror photogoniometer); Internal code: LAS100
Last calibration date: 2015/09 ; Calibration due date: 2017/9.

Electrical parameters: Digital Power Meter - YOKOGAWA WT 310E; Internal code: LAS301
Last calibration date: 2016/04; Calibration due date: 2017/04.

Ambient temperature/humidity: Thermo Hygrometer - Deltaohm HD 206/01; internal code: LAS143
Last calibration date: 2017/03; Calibration due date: 2018/03.

Air movement: Air Velocity Transducer - TSI Incorporated 8475-300-1; internal code: LAS215
Last calibration date: 2017/01; Calibration due date: 2018/01.

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

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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: $25^{\circ}\text{C} \pm 1.2^{\circ}\text{C}$

Relative humidity: <60%

Air movement in the test area: < 0.2 m/s

Photometric centre: Center of the light emitting surface

Luminaire position: Horizontal. Light emitting surface downward.

Preburning time: 2 h

Source stabilization time: 51 min

Total operating time: 3 h 40 min

Stray Light Screening:

Measurement uncertainties

LED type: White LED

Type of Photometry: Absolute

Electrical power: 0.75%

LOR: /

Luminous flux: 4%

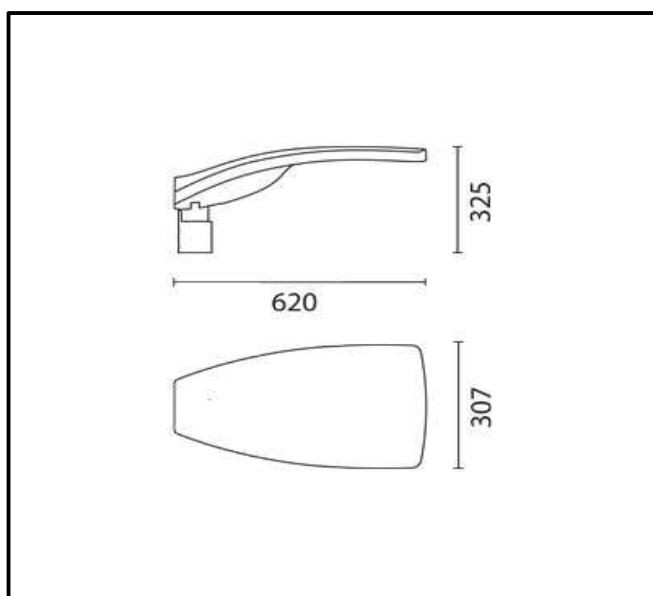
Luminous intensity "cd" 4%

Luminous intensity "cd/klm" 3.2%

Angular deviation: 0.5°

Luminous efficacy: 4%

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 $k=2$.

Pictures

RISULTATI FOTOMETRICI

Name:	EC33 (Wow mini)		
Number:	PL29764/00	Diameter:	0 mm
Report:	TR01925/00	Length:	251 mm
Test no.:	1	Width:	190 mm
Flux Meas:	7498.07 lm	Height:	0 mm
Date:	03/04/2017 11:10:31	Operator:	Roberto Cammertoni

Intensità luminosa [cd] EC33 (Wow mini) / 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	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1881.8	1884.7	1888.7	1889.7	1894.7	1897.7	1902.7	1901.7	1904.8
4.00	1894.8	1902.7	1911.6	1916.6	1923.6	1926.7	1933.6	1933.7	1936.8
6.00	1910.9	1924.6	1937.5	1945.5	1957.5	1960.8	1967.6	1971.7	1974.9
8.00	1926.0	1945.6	1965.5	1976.4	1989.5	1994.8	2002.5	2003.6	2004.9
10.00	1937.1	1961.6	1987.4	2003.3	2021.4	2026.8	2035.4	2036.6	2035.0
12.00	1943.1	1973.5	2001.4	2020.2	2043.3	2049.8	2060.4	2058.6	2056.0
14.00	1952.2	1985.5	2013.3	2032.2	2056.3	2058.8	2066.4	2068.6	2063.0
16.00	1963.2	1994.5	2023.3	2039.2	2061.3	2060.8	2068.4	2063.6	2049.0
18.00	1966.2	2001.5	2028.3	2042.2	2058.3	2055.8	2060.4	2050.6	2031.9
20.00	1978.3	2015.5	2043.2	2053.1	2065.3	2052.8	2045.4	2029.6	2007.9
22.00	2004.5	2047.4	2080.1	2090.0	2094.2	2063.8	2043.4	2016.6	1987.9
24.00	2052.7	2109.3	2152.9	2163.8	2162.1	2109.8	2066.4	2018.6	1973.9
26.00	2115.1	2195.2	2257.6	2275.4	2260.8	2184.8	2112.3	2036.6	1975.9
28.00	2198.6	2303.0	2379.3	2404.9	2379.6	2279.9	2176.2	2072.6	1989.9
30.00	2284.1	2407.8	2495.0	2514.6	2485.3	2374.9	2247.1	2114.6	2012.9
32.00	2366.5	2500.6	2578.7	2589.3	2558.2	2445.9	2310.0	2162.5	2046.0
34.00	2423.9	2553.5	2623.6	2625.2	2588.1	2485.0	2354.9	2202.5	2084.0
36.00	2463.1	2579.5	2637.6	2634.2	2596.1	2503.0	2385.8	2241.5	2132.1
38.00	2481.2	2584.5	2641.6	2640.2	2605.1	2520.0	2416.8	2284.4	2192.2
40.00	2495.3	2589.5	2653.5	2656.1	2620.0	2546.0	2455.7	2344.4	2274.3
42.00	2515.4	2605.4	2670.5	2679.0	2650.9	2587.0	2514.6	2432.3	2380.5
44.00	2554.6	2648.4	2705.4	2722.9	2705.8	2655.0	2609.4	2559.3	2519.7
46.00	2613.9	2710.3	2757.2	2784.7	2787.6	2763.1	2742.2	2724.1	2694.9
48.00	2701.4	2796.1	2838.0	2870.4	2902.4	2913.1	2931.9	2940.0	2907.2
50.00	2803.0	2893.9	2922.8	2964.1	3035.1	3093.2	3163.5	3187.8	3137.6
52.00	2920.7	3003.7	3030.5	3072.7	3189.7	3313.3	3435.0	3460.6	3370.9
54.00	3051.5	3113.6	3137.2	3194.3	3351.4	3545.4	3705.5	3711.5	3569.2
56.00	3154.0	3209.4	3248.9	3327.9	3510.0	3764.4	3944.1	3909.3	3696.4
58.00	3245.6	3292.2	3353.6	3468.4	3646.7	3942.5	4115.8	4011.3	3728.4
60.00	3286.8	3347.1	3453.3	3600.9	3771.4	4058.6	4185.7	3997.3	3654.3
62.00	3288.8	3367.1	3526.1	3704.6	3856.2	4122.6	4160.7	3882.4	3484.1
64.00	3244.6	3341.2	3554.0	3745.5	3878.1	4088.6	4015.0	3656.5	3217.7
66.00	3167.1	3262.3	3535.0	3713.6	3796.3	3937.5	3789.4	3374.7	2926.2
68.00	3012.2	3121.5	3439.3	3590.0	3578.8	3629.4	3454.0	3024.9	2587.8
70.00	2798.0	2921.9	3243.9	3339.8	3235.6	3182.2	3024.7	2645.2	2249.3
72.00	2484.2	2577.5	2829.0	2865.4	2724.8	2646.0	2517.6	2223.5	1929.8
74.00	2160.4	2203.1	2395.3	2347.1	2174.0	2044.8	1922.6	1805.8	1546.2
76.00	1517.7	1568.3	1773.0	1748.1	1605.3	1535.6	1480.4	1355.1	1266.8
78.00	1102.3	1101.1	1210.6	1172.1	1083.5	1044.4	1038.2	1028.3	829.2
80.00	536.2	606.8	706.5	733.0	730.3	710.2	672.1	536.3	437.3

Intensità luminosa [cd] EC33 (Wow mini) / 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	249.8	304.4	337.4	349.7	337.7	255.1	203.8	233.7	237.8
84.00	107.9	138.2	157.3	178.4	95.9	59.8	59.4	56.7	50.3
86.00	10.3	13.3	16.7	21.1	22.7	18.5	14.7	12.1	10.2
88.00	5.3	6.1	6.7	6.8	6.3	5.4	4.3	3.4	2.7
90.00	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
92.00	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
94.00	0.7	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1
96.00	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1
98.00	0.9	0.7	0.5	0.3	0.2	0.1	0.1	0.1	0.1
100.00	1.0	0.8	0.6	0.4	0.2	0.2	0.1	0.1	0.1
102.00	1.1	0.9	0.6	0.4	0.3	0.2	0.1	0.1	0.1
104.00	1.1	0.9	0.7	0.5	0.3	0.2	0.1	0.1	0.1
106.00	1.1	0.9	0.7	0.5	0.3	0.2	0.2	0.1	0.1
108.00	1.1	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1
110.00	1.2	1.0	0.8	0.6	0.4	0.3	0.2	0.1	0.1
112.00	1.3	1.1	0.9	0.7	0.5	0.3	0.2	0.2	0.1
114.00	1.1	1.0	0.8	0.6	0.5	0.3	0.2	0.2	0.1
116.00	1.1	0.9	0.8	0.6	0.4	0.3	0.2	0.2	0.2
118.00	1.1	0.9	0.8	0.6	0.4	0.3	0.2	0.2	0.2
120.00	1.0	0.9	0.7	0.6	0.4	0.3	0.2	0.2	0.2
122.00	0.9	0.8	0.7	0.5	0.4	0.3	0.2	0.2	0.2
124.00	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2
126.00	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.2	0.2
128.00	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2
130.00	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2
132.00	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
134.00	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2
136.00	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2
138.00	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.4	0.3
140.00	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4
142.00	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.5	0.5
144.00	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5
146.00	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6
148.00	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7
150.00	1.4	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8
152.00	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	0.9
154.00	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.0
156.00	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2
158.00	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
160.00	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3
162.00	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4
164.00	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
166.00	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6
168.00	1.4	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.7
170.00	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8
172.00	1.6	1.7	1.8	2.0	2.0	2.0	2.0	2.0	2.1
174.00	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.0	1.9
176.00	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	1.9
178.00	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.8
180.00	2.0	1.9	2.0	2.0	1.9	1.9	1.9	1.8	1.8

Intensità luminosa [cd] EC33 (Wow mini) / 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	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1905.6	1908.5	1907.8	1908.8	1910.7	1908.9	1910.7	1911.6	1910.9
4.00	1938.5	1941.3	1941.9	1940.8	1943.6	1942.1	1940.7	1941.6	1940.1
6.00	1976.3	1978.0	1976.0	1974.8	1972.6	1969.3	1966.7	1964.5	1962.2
8.00	2004.2	2006.9	2000.0	1992.8	1988.6	1982.3	1976.7	1971.5	1967.3
10.00	2031.1	2027.7	2016.1	2005.8	1999.6	1986.4	1978.7	1970.5	1963.2
12.00	2045.1	2039.6	2019.1	2001.8	1989.6	1974.3	1963.7	1953.5	1948.1
14.00	2047.1	2034.7	2006.1	1983.8	1970.6	1951.2	1938.7	1927.6	1921.0
16.00	2031.1	2014.8	1981.0	1954.8	1940.6	1921.0	1909.7	1899.7	1890.8
18.00	2004.2	1983.0	1945.9	1918.8	1904.7	1887.8	1878.7	1870.7	1865.7
20.00	1975.3	1946.3	1903.8	1876.7	1866.7	1852.6	1848.7	1843.8	1842.5
22.00	1952.4	1915.5	1864.7	1843.7	1833.8	1822.4	1827.7	1828.8	1832.5
24.00	1933.5	1897.6	1842.6	1819.7	1810.8	1807.3	1814.7	1823.8	1832.5
26.00	1925.5	1888.6	1833.6	1815.7	1805.8	1804.3	1814.7	1831.8	1842.5
28.00	1929.5	1893.6	1849.7	1830.7	1820.8	1822.4	1834.7	1851.8	1865.7
30.00	1946.4	1913.5	1877.7	1862.7	1856.7	1857.6	1868.7	1886.7	1900.9
32.00	1976.3	1946.3	1918.8	1908.8	1908.7	1910.9	1918.7	1932.6	1946.1
34.00	2015.2	1995.9	1974.0	1969.8	1973.6	1977.3	1981.7	1988.5	2000.4
36.00	2070.0	2060.5	2040.1	2043.9	2049.5	2057.8	2053.7	2054.3	2064.8
38.00	2143.7	2140.0	2123.3	2128.0	2133.4	2142.3	2129.7	2124.2	2133.2
40.00	2240.3	2239.3	2219.6	2220.0	2218.3	2224.7	2200.7	2193.0	2198.6
42.00	2356.8	2352.6	2322.8	2311.1	2297.2	2296.1	2260.7	2248.9	2254.9
44.00	2500.3	2478.8	2430.1	2398.2	2364.1	2352.5	2304.7	2292.8	2297.1
46.00	2658.7	2609.9	2528.4	2468.3	2409.1	2382.6	2323.7	2308.7	2313.2
48.00	2839.0	2745.0	2616.6	2516.3	2430.0	2383.6	2321.7	2292.8	2293.1
50.00	3018.3	2860.3	2682.8	2536.3	2414.1	2347.4	2275.7	2231.9	2226.7
52.00	3189.6	2957.6	2719.8	2518.3	2353.1	2267.0	2181.7	2125.1	2119.1
54.00	3321.1	3015.3	2710.8	2448.2	2245.3	2140.2	2048.7	1986.5	1966.2
56.00	3393.8	3022.2	2651.7	2333.1	2098.4	1979.3	1877.7	1808.9	1780.2
58.00	3373.9	2955.6	2534.4	2162.0	1904.7	1775.2	1677.8	1609.3	1571.0
60.00	3257.4	2810.6	2352.9	1954.8	1687.9	1547.9	1439.8	1369.9	1332.6
62.00	3068.1	2612.9	2144.4	1719.6	1446.2	1300.4	1200.8	1141.4	1109.3
64.00	2802.1	2364.5	1886.8	1447.3	1203.5	1093.3	1005.9	925.9	878.0
66.00	2526.2	2082.4	1635.1	1237.1	972.8	789.5	649.9	579.7	549.1
68.00	2208.4	1827.0	1368.4	876.8	655.2	565.2	500.9	458.0	434.5
70.00	1947.4	1492.2	1052.7	690.6	532.4	454.6	397.9	360.2	338.9
72.00	1570.9	1239.9	880.2	550.5	416.5	349.0	301.0	270.4	254.5
74.00	1336.8	1038.2	680.7	418.4	313.6	256.5	215.0	191.6	181.0
76.00	1027.0	721.3	467.2	300.3	222.7	177.0	148.0	131.7	123.7
78.00	615.6	447.1	295.7	181.2	126.8	105.6	90.0	77.8	71.4
80.00	367.3	274.2	169.4	101.8	70.0	57.3	48.1	41.4	37.5
82.00	174.9	111.1	69.9	45.7	33.4	27.6	24.1	21.0	19.2
84.00	38.1	28.7	22.4	17.3	14.1	12.2	10.9	10.3	9.6
86.00	8.7	7.7	6.9	5.9	5.2	4.7	4.3	4.0	3.8
88.00	2.3	2.0	1.7	1.5	1.3	1.1	0.9	0.8	0.8
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	0.1	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

Intensità luminosa [cd] EC33 (Wow mini) / 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	0.1	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	0.1	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	0.1	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	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
134.00	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
136.00	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
138.00	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2
140.00	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142.00	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
144.00	0.5	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	0.3	0.3	0.3	0.3	0.3
148.00	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4
150.00	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.4
152.00	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5
154.00	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7
156.00	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8
158.00	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	1.0
160.00	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
162.00	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2
164.00	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3
166.00	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5
168.00	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6
170.00	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
172.00	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
174.00	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6
176.00	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.7
178.00	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
180.00	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.7

G/C [cd]	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
0.00	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1911.0	1909.8	1909.8	1908.6	1907.6	1907.7	1904.7	1902.7	1901.6
4.00	1939.2	1937.9	1938.8	1936.6	1935.5	1934.7	1933.7	1932.6	1930.4
6.00	1958.3	1957.0	1955.9	1957.5	1955.4	1956.7	1960.7	1961.6	1960.3
8.00	1964.3	1962.0	1962.9	1965.5	1966.4	1969.7	1977.7	1985.5	1988.1
10.00	1958.3	1958.0	1960.9	1964.5	1969.4	1977.7	1991.7	2005.5	2015.9
12.00	1943.2	1942.0	1945.9	1952.5	1963.4	1977.7	1997.7	2022.5	2043.8
14.00	1915.0	1914.9	1921.8	1931.6	1945.4	1965.7	1996.7	2031.4	2058.7
16.00	1885.8	1887.8	1895.8	1907.6	1925.5	1950.7	1988.7	2030.4	2063.7
18.00	1860.6	1861.7	1869.7	1883.7	1906.6	1935.7	1975.7	2020.5	2058.7
20.00	1841.5	1839.6	1846.7	1860.8	1884.7	1915.7	1958.7	2004.5	2042.8

Intensità luminosa [cd] EC33 (Wow mini) / 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	1834.4	1830.6	1834.6	1847.8	1871.7	1901.7	1944.7	1988.5	2026.9
24.00	1833.4	1828.6	1829.6	1838.8	1863.8	1893.7	1934.7	1974.5	2010.0
26.00	1845.5	1840.6	1839.7	1847.8	1873.7	1898.7	1937.7	1973.5	2005.0
28.00	1870.7	1866.7	1864.7	1874.7	1898.6	1915.7	1949.7	1981.5	2012.0
30.00	1906.9	1903.8	1903.8	1919.6	1939.5	1952.7	1982.7	2005.5	2031.9
32.00	1956.3	1953.0	1958.9	1979.5	1998.2	2006.7	2029.7	2045.4	2066.7
34.00	2008.6	2012.2	2026.0	2053.3	2072.0	2073.7	2090.7	2101.3	2113.4
36.00	2072.1	2081.5	2104.2	2134.1	2153.6	2151.7	2163.7	2171.2	2177.1
38.00	2140.5	2153.7	2184.3	2219.9	2247.3	2244.7	2253.7	2260.0	2259.6
40.00	2202.9	2225.0	2261.5	2301.7	2336.9	2340.7	2353.6	2367.9	2370.0
42.00	2260.3	2284.2	2326.6	2373.6	2419.6	2434.6	2458.6	2484.7	2492.3
44.00	2302.6	2334.4	2377.7	2426.5	2485.4	2521.6	2565.6	2615.4	2642.5
46.00	2321.8	2355.4	2402.8	2458.4	2528.2	2586.6	2659.6	2741.2	2799.6
48.00	2305.6	2345.4	2397.8	2462.4	2547.1	2638.6	2743.6	2863.0	2958.8
50.00	2243.2	2284.2	2346.7	2424.5	2528.2	2645.6	2790.6	2957.8	3103.0
52.00	2137.5	2182.8	2251.5	2340.7	2462.4	2609.6	2796.6	3015.7	3222.3
54.00	1989.5	2039.3	2116.2	2208.0	2343.9	2516.6	2753.6	3032.7	3294.9
56.00	1800.2	1851.6	1934.8	2034.4	2182.5	2375.6	2649.6	2981.8	3308.9
58.00	1584.8	1642.9	1727.4	1830.8	1977.3	2186.7	2488.6	2870.0	3250.2
60.00	1338.1	1394.0	1475.9	1584.4	1742.2	1958.7	2270.7	2686.3	3117.9
62.00	1111.5	1162.2	1234.5	1329.0	1477.3	1700.7	2024.7	2463.7	2916.0
64.00	868.9	922.3	1011.0	1118.4	1236.2	1414.8	1720.7	2191.2	2661.4
66.00	542.7	575.1	639.3	750.3	939.4	1176.8	1468.8	1896.7	2369.0
68.00	431.9	456.6	504.0	563.7	648.5	791.9	1119.8	1648.1	2072.6
70.00	337.3	356.3	397.8	450.0	524.0	641.9	851.9	1239.8	1747.4
72.00	253.7	268.0	300.6	341.2	402.4	507.9	695.9	1054.2	1414.2
74.00	180.2	187.7	212.4	246.4	298.8	385.9	532.9	841.5	1198.4
76.00	123.8	130.5	145.3	166.6	207.2	277.0	392.9	601.9	872.2
78.00	70.5	76.3	87.2	99.8	120.5	165.0	260.0	406.3	558.9
80.00	36.9	40.3	46.8	54.5	66.3	92.9	151.2	253.0	357.5
82.00	19.0	20.7	23.6	27.0	32.2	43.7	65.9	105.5	163.8
84.00	9.5	10.0	11.0	11.9	13.6	16.7	21.3	28.3	37.1
86.00	3.7	3.8	4.0	4.3	4.7	5.3	6.1	7.0	7.7
88.00	0.8	0.8	0.9	1.0	1.1	1.2	1.4	1.4	1.5
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	0.1	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
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

Intensità luminosa [cd] EC33 (Wow mini) / 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	0.1
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	0.2
134.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
136.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
138.00	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
142.00	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
144.00	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4
146.00	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5
148.00	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6
150.00	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7
152.00	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.9
154.00	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0
156.00	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2
158.00	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3
160.00	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
162.00	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5
164.00	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6
166.00	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
168.00	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
170.00	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
172.00	1.7	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9
174.00	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.8
176.00	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
178.00	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
180.00	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0

G/C [cd]	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00
0.00	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1901.9	1899.8	1898.8	1894.7	1894.7	1889.8	1886.7	1882.7	1880.7
4.00	1930.1	1928.9	1927.9	1924.7	1921.7	1913.8	1913.5	1902.6	1898.8
6.00	1963.3	1964.0	1963.0	1961.7	1957.7	1947.9	1946.3	1932.6	1926.9
8.00	1996.5	2000.1	2004.1	2004.6	2002.7	1992.0	1988.1	1972.4	1963.1
10.00	2030.7	2043.2	2055.3	2057.6	2058.7	2045.2	2039.8	2021.3	2007.3
12.00	2068.9	2086.4	2104.4	2107.6	2105.7	2090.3	2082.6	2060.2	2041.4
14.00	2094.1	2120.5	2137.5	2143.5	2141.7	2126.4	2115.4	2092.1	2072.5
16.00	2104.2	2134.5	2157.6	2164.5	2160.7	2142.4	2135.3	2112.1	2091.6
18.00	2102.1	2134.5	2161.6	2170.5	2163.7	2146.4	2142.3	2117.0	2098.6
20.00	2088.1	2121.5	2147.6	2157.5	2161.7	2149.4	2149.2	2128.0	2109.7
22.00	2073.0	2110.4	2141.5	2158.5	2173.7	2169.5	2174.1	2155.9	2132.8
24.00	2059.9	2100.4	2145.5	2176.5	2211.7	2223.6	2236.7	2212.8	2183.0
26.00	2056.9	2108.4	2169.6	2223.5	2279.7	2310.8	2330.2	2300.5	2252.3
28.00	2066.9	2128.5	2211.7	2288.4	2369.6	2421.1	2443.6	2407.2	2345.7
30.00	2087.0	2163.6	2264.9	2361.4	2460.6	2518.3	2549.0	2508.9	2438.0
32.00	2121.3	2209.7	2321.1	2431.3	2533.6	2591.5	2628.6	2595.7	2528.4
34.00	2165.5	2251.9	2377.3	2483.3	2578.6	2631.6	2671.4	2651.5	2591.7
36.00	2221.9	2304.0	2429.4	2530.3	2611.6	2657.7	2694.2	2674.5	2632.8
38.00	2300.4	2370.2	2489.6	2582.2	2650.6	2690.8	2719.1	2691.4	2652.9
40.00	2403.0	2456.5	2565.8	2645.2	2696.6	2728.9	2748.9	2708.4	2665.0
42.00	2528.8	2570.8	2657.1	2716.1	2752.6	2772.0	2779.8	2732.3	2683.1

Intensità luminosa [cd] EC33 (Wow mini) / 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	2686.8	2718.3	2781.5	2812.1	2822.6	2825.1	2819.5	2769.2	2712.2
46.00	2867.9	2889.8	2934.0	2928.0	2907.6	2888.3	2866.3	2815.1	2758.4
48.00	3068.2	3110.5	3136.6	3088.9	3024.5	2966.5	2924.0	2875.9	2822.6
50.00	3269.4	3342.2	3367.3	3279.8	3160.5	3060.7	2987.6	2941.7	2894.9
52.00	3460.6	3583.9	3621.1	3505.6	3326.5	3165.0	3067.2	3012.5	2983.3
54.00	3615.6	3801.6	3868.8	3736.5	3496.5	3282.3	3158.7	3070.4	3064.6
56.00	3691.1	3956.1	4073.4	3952.3	3666.5	3420.6	3262.1	3127.2	3133.9
58.00	3693.1	4017.3	4209.8	4120.2	3815.4	3558.0	3354.6	3174.1	3189.1
60.00	3599.5	3983.2	4252.0	4225.1	3938.4	3681.3	3441.1	3203.0	3207.2
62.00	3416.4	3847.7	4193.8	4251.1	4002.4	3748.4	3489.9	3200.0	3189.1
64.00	3165.8	3618.0	4027.3	4166.2	3958.4	3733.4	3500.8	3163.1	3126.9
66.00	2876.0	3324.1	3756.5	3950.3	3788.4	3644.2	3468.0	3096.3	3027.5
68.00	2534.8	2982.1	3394.4	3589.6	3502.5	3483.8	3362.6	2985.6	2870.8
70.00	2221.9	2579.9	2959.0	3120.9	3111.5	3201.1	3160.7	2821.1	2661.0
72.00	1800.3	2210.7	2458.5	2578.2	2591.6	2690.8	2707.2	2457.1	2305.5
74.00	1490.3	1690.2	1873.7	1922.7	2037.7	2177.5	2275.5	2109.1	1960.1
76.00	1173.3	1325.0	1370.2	1473.0	1466.8	1576.0	1655.9	1500.8	1391.7
78.00	710.4	886.7	1006.1	973.3	1010.8	1055.7	1135.8	1055.0	1020.2
80.00	418.5	457.7	527.8	661.2	676.8	688.8	705.2	620.8	561.4
82.00	227.6	244.1	201.0	194.1	268.3	319.5	326.1	294.5	273.0
84.00	48.7	52.0	52.9	51.9	62.1	109.7	161.1	136.7	119.5
86.00	8.8	10.2	11.7	13.8	17.1	20.7	19.8	15.4	11.7
88.00	1.7	2.1	2.7	3.2	4.1	4.9	5.4	5.4	4.9
90.00	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4
92.00	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4
94.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.6
96.00	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7
98.00	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.8
100.00	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.9
102.00	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	0.9
104.00	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.8	1.0
106.00	0.1	0.1	0.1	0.2	0.2	0.4	0.6	0.8	1.0
108.00	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.9	1.1
110.00	0.1	0.1	0.2	0.2	0.3	0.5	0.7	0.9	1.2
112.00	0.1	0.2	0.2	0.2	0.3	0.5	0.7	1.0	1.2
114.00	0.1	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1
116.00	0.1	0.2	0.2	0.2	0.3	0.5	0.7	0.9	1.1
118.00	0.2	0.2	0.2	0.3	0.4	0.6	0.7	0.9	1.1
120.00	0.2	0.2	0.2	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	0.9
124.00	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8
126.00	0.2	0.2	0.2	0.3	0.3	0.5	0.5	0.6	0.7
128.00	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7
130.00	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6
132.00	0.2	0.2	0.3	0.4	0.4	0.6	0.6	0.7	0.8
134.00	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
136.00	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7
138.00	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9
140.00	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9	1.0
142.00	0.4	0.5	0.6	0.7	0.8	0.9	0.9	1.0	1.1
144.00	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2
146.00	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.2	1.3

Intensità luminosa [cd] EC33 (Wow mini) / 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	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.4
150.00	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5
152.00	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6
154.00	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
156.00	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8
158.00	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.8	1.8
160.00	1.4	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8
162.00	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.8
164.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7
166.00	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
168.00	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
170.00	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.7
172.00	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
174.00	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
176.00	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0
178.00	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
180.00	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0

G/C [cd]	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00
0.00	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1876.7	1873.7	1870.7	1865.7	1863.7	1859.8	1853.6	1852.7	1848.6
4.00	1890.8	1884.7	1877.7	1867.7	1862.7	1853.8	1843.5	1836.6	1828.5
6.00	1916.0	1903.7	1891.6	1878.7	1866.7	1851.8	1835.5	1824.6	1813.4
8.00	1947.3	1928.6	1911.5	1890.7	1872.7	1851.8	1828.4	1810.5	1795.3
10.00	1984.5	1961.6	1939.3	1908.7	1882.7	1854.8	1825.4	1800.5	1778.2
12.00	2015.8	1985.5	1956.2	1923.7	1891.8	1856.8	1821.4	1792.5	1765.2
14.00	2040.9	2009.5	1973.1	1933.7	1898.8	1858.8	1816.4	1782.4	1752.1
16.00	2059.1	2024.5	1985.0	1943.7	1903.8	1855.8	1814.3	1774.4	1739.0
18.00	2066.1	2031.4	1991.0	1948.7	1907.8	1862.7	1813.3	1768.4	1721.9
20.00	2077.2	2040.4	1999.9	1956.7	1914.8	1865.7	1812.3	1755.4	1648.5
22.00	2094.3	2056.4	2012.8	1967.7	1924.9	1870.7	1809.3	1693.2	1537.0
24.00	2132.6	2084.4	2033.7	1984.7	1935.9	1876.7	1771.1	1586.8	1409.3
26.00	2187.0	2122.3	2059.5	2003.7	1951.0	1877.7	1698.6	1483.5	1299.7
28.00	2257.5	2170.2	2090.3	2028.7	1966.0	1839.8	1611.1	1391.2	1179.1
30.00	2333.1	2225.1	2126.1	2051.7	1980.0	1781.9	1535.6	1293.9	1038.4
32.00	2408.6	2278.0	2160.8	2074.7	1968.0	1709.1	1457.1	1167.6	902.7
34.00	2470.1	2328.9	2196.6	2098.7	1930.9	1642.3	1363.5	1035.2	826.3
36.00	2518.4	2369.9	2228.4	2121.7	1878.7	1574.4	1241.8	933.8	774.0
38.00	2552.7	2405.8	2260.2	2135.7	1822.6	1498.6	1118.0	871.7	705.7
40.00	2575.9	2437.7	2294.0	2123.7	1772.4	1390.8	1023.4	808.5	621.2
42.00	2596.0	2466.7	2319.8	2090.7	1721.3	1275.1	959.0	727.2	531.8
44.00	2623.2	2493.6	2341.7	2041.7	1643.0	1171.3	883.5	629.9	443.3
46.00	2665.5	2531.6	2358.6	1994.7	1544.7	1098.5	790.9	535.6	374.9
48.00	2727.0	2585.5	2361.5	1942.7	1422.3	1016.7	684.3	448.4	322.7
50.00	2811.6	2649.4	2357.6	1885.7	1322.0	913.9	581.6	385.2	286.5
52.00	2921.4	2727.2	2344.6	1808.7	1235.8	792.2	491.1	336.0	254.3
54.00	3028.2	2803.1	2323.8	1708.7	1139.5	668.5	418.6	298.9	219.1
56.00	3118.8	2866.0	2293.0	1603.8	1009.1	557.7	364.3	259.8	178.9
58.00	3189.3	2901.9	2241.3	1505.8	855.6	471.9	320.0	214.7	139.7
60.00	3223.6	2846.0	2101.2	1390.8	701.1	406.1	270.7	169.5	105.5
62.00	3225.6	2748.2	1945.3	1210.8	573.8	354.2	220.4	129.4	79.4
64.00	3178.3	2639.4	1789.3	925.9	466.4	292.3	168.1	96.3	59.3

Intensità luminosa [cd] EC33 (Wow mini) / 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	3076.5	2461.7	1570.7	666.9	377.2	225.5	124.8	71.2	46.2
68.00	2886.1	2173.2	1250.8	453.9	277.8	157.6	86.5	52.2	36.2
70.00	2639.3	1850.8	826.6	292.0	174.5	99.8	58.4	39.1	29.2
72.00	2346.2	1494.4	448.1	161.0	94.3	57.9	39.2	29.1	22.1
74.00	2021.8	1117.0	223.5	87.0	49.1	32.9	26.2	21.1	16.1
76.00	1366.0	675.8	111.3	48.0	28.1	21.0	18.1	15.0	12.1
78.00	981.2	386.3	59.6	27.0	17.1	14.0	12.1	10.0	8.0
80.00	477.2	137.0	29.8	15.3	11.3	9.5	8.2	6.6	5.0
82.00	206.3	40.3	14.2	9.8	8.1	6.8	5.5	4.4	3.4
84.00	85.6	16.6	8.4	6.6	5.5	4.4	3.4	2.4	1.7
86.00	9.2	7.3	5.6	4.4	3.3	2.3	1.5	0.9	0.5
88.00	3.9	2.8	1.9	1.3	0.9	0.6	0.5	0.4	0.4
90.00	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
92.00	0.6	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.6
94.00	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.7
96.00	0.8	1.0	1.0	1.1	1.1	1.0	0.9	0.9	0.7
98.00	1.0	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.8
100.00	1.1	1.2	1.3	1.3	1.3	1.2	1.2	1.0	0.9
102.00	1.1	1.3	1.3	1.4	1.4	1.3	1.2	1.1	1.0
104.00	1.2	1.3	1.4	1.4	1.4	1.3	1.3	1.1	1.0
106.00	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.2	1.0
108.00	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.2	1.0
110.00	1.3	1.4	1.5	1.5	1.5	1.5	1.4	1.3	1.2
112.00	1.4	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.2
114.00	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.1
116.00	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.2	1.1
118.00	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.2	1.1
120.00	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.0
122.00	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	0.9
124.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
126.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
128.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
130.00	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6
132.00	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8
134.00	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
136.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
138.00	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8
140.00	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8
142.00	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9
144.00	1.2	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0
146.00	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.1
148.00	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3
150.00	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4
152.00	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5
154.00	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6
156.00	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7
158.00	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
160.00	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.8
162.00	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.8	1.8
164.00	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
166.00	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
168.00	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	2.0

Intensità luminosa [cd] EC33 (Wow mini) / 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	1.8	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.1
172.00	1.8	1.9	2.1	2.2	2.2	2.2	2.3	2.3	2.3
174.00	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2
176.00	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2
178.00	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1
180.00	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0

G/C [cd]	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00
0.00	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1845.7	1843.8	1839.0	1837.8	1835.9	1834.8	1833.8	1833.6	1831.6
4.00	1823.7	1816.9	1809.2	1804.9	1800.1	1795.9	1793.9	1793.5	1789.5
6.00	1801.7	1790.0	1778.4	1771.0	1763.2	1756.9	1752.1	1750.4	1745.3
8.00	1779.7	1763.2	1748.5	1736.0	1727.4	1718.0	1712.2	1708.3	1702.2
10.00	1756.7	1737.3	1719.7	1704.1	1691.5	1680.1	1671.3	1666.2	1658.1
12.00	1739.7	1713.3	1688.9	1670.2	1654.7	1640.1	1628.4	1621.1	1609.9
14.00	1720.7	1689.4	1659.1	1626.3	1589.0	1549.3	1516.7	1491.8	1475.5
16.00	1699.7	1645.6	1569.7	1494.6	1425.7	1366.6	1321.3	1296.3	1279.9
18.00	1634.8	1524.1	1413.7	1323.0	1248.5	1191.9	1147.8	1120.8	1101.4
20.00	1509.8	1373.7	1259.7	1170.3	1089.2	1020.2	963.3	927.3	905.8
22.00	1378.8	1240.2	1116.7	1009.7	910.0	826.6	757.9	718.8	698.1
24.00	1255.8	1098.7	949.8	823.1	717.8	652.9	607.3	584.5	569.7
26.00	1121.8	937.4	783.9	688.4	624.2	583.0	542.5	518.3	500.5
28.00	964.9	785.9	689.5	627.6	566.5	521.1	477.7	449.1	427.3
30.00	830.9	711.2	630.9	564.7	501.8	453.2	408.8	379.0	357.1
32.00	759.9	653.5	564.3	492.9	431.1	384.3	343.0	314.8	296.9
34.00	704.9	586.7	492.8	421.0	364.4	322.4	287.2	263.7	249.8
36.00	635.9	510.0	418.3	355.2	307.6	271.5	241.3	223.6	213.7
38.00	554.9	433.3	351.7	299.3	260.8	232.6	208.4	193.5	184.6
40.00	467.9	361.6	297.1	256.4	227.0	202.6	182.5	168.4	159.5
42.00	392.9	308.8	257.3	225.5	200.1	177.7	157.6	143.4	135.4
44.00	331.0	267.0	226.5	197.5	171.2	149.7	130.6	117.3	109.3
46.00	289.0	237.1	198.7	167.6	142.4	121.8	104.7	93.2	86.3
48.00	256.0	207.2	166.9	135.7	112.5	93.8	80.8	71.2	66.2
50.00	226.0	174.3	134.1	105.8	85.6	71.9	61.8	54.1	50.2
52.00	191.0	140.5	104.3	80.8	64.7	53.9	45.9	42.1	39.1
54.00	154.0	108.6	78.5	60.9	48.8	40.9	35.9	32.1	30.1
56.00	120.0	81.7	59.6	45.9	37.8	31.9	26.9	23.1	21.1
58.00	91.0	62.8	45.7	35.9	27.9	24.0	20.9	17.0	13.0
60.00	68.0	47.8	35.8	27.9	22.9	19.0	16.0	13.0	7.0
62.00	53.0	37.9	28.8	21.9	17.9	15.0	12.0	10.0	5.0
64.00	41.0	29.9	22.9	18.0	13.9	11.0	9.0	6.0	3.0
66.00	32.0	24.9	18.9	14.0	11.0	8.0	6.0	4.0	2.0
68.00	26.0	18.9	14.9	11.0	8.0	6.0	4.0	2.0	1.0
70.00	20.0	13.9	10.9	8.0	6.0	4.0	2.0	1.0	1.0
72.00	16.0	11.0	7.9	6.0	4.0	3.0	1.0	1.0	1.0
74.00	11.0	8.0	5.0	4.0	3.0	2.0	1.0	1.0	-
76.00	8.0	6.0	4.0	2.0	2.0	1.0	1.0	-	-
78.00	6.0	4.0	2.0	2.0	1.0	1.0	-	-	-
80.00	3.5	2.2	1.4	0.9	0.6	0.4	0.3	0.2	0.1
82.00	2.2	1.3	0.9	0.6	0.4	0.3	0.2	0.2	0.1
84.00	0.9	0.6	0.4	0.3	0.2	0.2	0.2	0.1	0.1
86.00	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1

Intensità luminosa [cd] EC33 (Wow mini) / 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	0.2	0.2	0.1	0.1	0.1	0.1	0.1
90.00	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
92.00	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1
94.00	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1
96.00	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2
98.00	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2
100.00	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2
102.00	0.8	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.2
104.00	0.8	0.7	0.5	0.4	0.3	0.3	0.3	0.3	0.3
106.00	0.8	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.3
108.00	0.9	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4
110.00	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4
112.00	1.0	0.9	0.7	0.6	0.5	0.5	0.5	0.5	0.5
114.00	1.0	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.5
116.00	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.5
118.00	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6
120.00	0.9	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.5
122.00	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5
124.00	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
126.00	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
128.00	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
130.00	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
132.00	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
134.00	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
136.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
138.00	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7
140.00	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
142.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
144.00	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
146.00	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
148.00	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1
150.00	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2
152.00	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
154.00	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4
156.00	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4
158.00	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5
160.00	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5
162.00	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6
164.00	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6
166.00	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7
168.00	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7
170.00	2.1	2.1	2.0	2.0	2.0	1.9	1.8	1.8	1.8
172.00	2.3	2.3	2.2	2.2	2.1	2.0	1.9	1.8	1.8
174.00	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.9
176.00	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.8
178.00	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7
180.00	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8

G/C [cd]	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00
0.00	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1829.6	1831.8	1831.8	1834.5	1837.6	1837.5	1838.5	1841.9	1843.9
4.00	1786.5	1786.9	1788.8	1792.2	1796.5	1798.3	1801.3	1807.1	1814.1

Intensità luminosa [cd] EC33 (Wow mini) / 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	1743.4	1744.9	1744.9	1749.0	1753.4	1756.1	1761.1	1770.3	1779.2
8.00	1699.3	1700.0	1700.9	1703.7	1707.2	1711.9	1717.9	1729.6	1741.5
10.00	1655.2	1654.1	1654.0	1656.5	1662.1	1665.6	1673.7	1686.9	1700.7
12.00	1607.0	1606.2	1607.0	1610.2	1616.9	1619.4	1631.5	1647.1	1662.9
14.00	1470.7	1475.4	1487.2	1509.6	1537.7	1561.1	1585.2	1605.3	1625.1
16.00	1275.2	1275.8	1289.4	1319.5	1362.2	1411.3	1473.6	1536.8	1585.3
18.00	1096.8	1099.1	1113.6	1141.5	1180.6	1229.4	1307.8	1394.6	1488.8
20.00	899.3	904.4	924.9	962.5	1011.1	1070.6	1143.9	1230.6	1347.6
22.00	692.7	694.8	715.1	756.3	818.5	899.7	993.1	1094.4	1212.4
24.00	560.4	553.0	557.3	576.3	619.9	698.6	810.2	938.4	1087.0
26.00	487.2	478.2	478.4	489.8	515.6	557.9	637.3	766.4	940.8
28.00	412.0	402.3	402.5	416.4	441.3	482.5	541.8	617.3	768.8
30.00	341.9	333.4	333.6	346.0	370.1	414.1	474.5	537.8	638.5
32.00	284.7	278.5	279.7	291.7	310.9	347.8	401.1	468.2	561.9
34.00	242.6	239.6	244.7	257.5	273.8	300.6	339.8	395.6	490.3
36.00	208.5	209.6	217.7	232.3	248.8	271.4	296.5	336.0	412.7
38.00	182.5	184.7	192.8	208.2	225.7	247.3	269.4	296.2	350.1
40.00	157.4	160.7	168.8	184.1	201.6	223.2	246.3	270.4	308.3
42.00	132.3	135.8	144.8	159.9	176.5	198.0	222.2	247.5	281.5
44.00	107.3	110.8	118.9	133.8	150.5	171.9	196.0	222.7	259.6
46.00	85.2	87.8	94.9	107.6	123.4	143.7	168.9	197.8	235.7
48.00	65.2	66.9	72.9	82.5	96.3	114.6	138.7	169.0	207.9
50.00	49.1	50.9	54.9	63.4	73.2	88.5	110.6	139.2	178.0
52.00	38.1	38.9	41.9	47.3	55.2	66.3	84.4	109.3	147.2
54.00	29.1	29.9	32.0	36.2	42.1	50.3	63.3	83.5	116.4
56.00	21.1	22.0	25.0	28.2	32.1	38.2	48.3	63.6	89.5
58.00	13.0	15.0	19.0	21.1	25.1	30.2	37.2	48.7	67.6
60.00	8.0	10.0	14.0	17.1	20.1	23.1	29.2	37.8	51.7
62.00	5.0	7.0	11.0	13.1	15.0	19.1	24.1	29.8	40.8
64.00	3.0	4.0	6.0	9.1	12.0	15.1	19.1	24.9	32.8
66.00	2.0	3.0	5.0	7.0	9.0	12.1	15.1	19.9	25.9
68.00	1.0	1.0	3.0	4.0	7.0	9.0	12.1	15.9	20.9
70.00	-	1.0	2.0	3.0	5.0	7.0	9.0	11.9	16.9
72.00	-	1.0	1.0	2.0	3.0	5.0	7.0	8.9	12.9
74.00	-	-	1.0	2.0	2.0	3.0	5.0	6.0	9.0
76.00	-	-	1.0	1.0	2.0	2.0	3.0	5.0	7.0
78.00	-	-	-	1.0	1.0	2.0	2.0	3.0	5.0
80.00	0.1	0.1	0.2	0.4	0.6	1.0	1.4	1.9	3.0
82.00	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.3	1.8
84.00	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.8
86.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3
88.00	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3
90.00	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3
92.00	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4
94.00	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.5
96.00	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.6
98.00	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6
100.00	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.7
102.00	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.6	0.7
104.00	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.7
106.00	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.8
108.00	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8

Intensità luminosa [cd] EC33 (Wow mini) / 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	0.5	0.6	0.7	0.8	0.9
112.00	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.9	1.0
114.00	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.8	1.0
116.00	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0
118.00	0.6	0.5	0.6	0.6	0.6	0.7	0.8	0.9	1.1
120.00	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.9
122.00	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.9
124.00	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.8
126.00	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
128.00	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
130.00	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
132.00	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
134.00	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
136.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
138.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
140.00	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7
142.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
144.00	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
146.00	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
148.00	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
150.00	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2
152.00	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
154.00	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
156.00	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
158.00	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
160.00	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
162.00	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
164.00	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
166.00	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7
168.00	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.7
170.00	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.8	1.8
172.00	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	1.9
174.00	1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.8
176.00	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8
178.00	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
180.00	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9

G/C [cd]	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00
0.00	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7	1874.7
2.00	1846.8	1852.7	1855.7	1858.7	1860.8	1864.8	1869.7	1870.7	1877.7
4.00	1818.9	1829.7	1835.7	1843.7	1848.9	1858.8	1871.7	1873.7	1885.8
6.00	1788.0	1802.7	1814.7	1827.7	1837.9	1851.8	1870.7	1877.7	1897.8
8.00	1752.1	1773.7	1789.7	1808.6	1825.0	1841.8	1868.7	1880.7	1908.9
10.00	1715.2	1739.7	1759.7	1784.6	1807.1	1827.9	1863.7	1881.7	1914.9
12.00	1678.3	1707.7	1733.7	1759.6	1787.2	1814.0	1855.8	1875.7	1914.9
14.00	1642.4	1676.8	1705.7	1737.5	1772.3	1806.0	1853.8	1877.7	1921.9
16.00	1609.5	1651.8	1689.7	1729.5	1768.4	1805.0	1856.8	1883.7	1931.0
18.00	1571.6	1636.8	1682.6	1725.5	1768.4	1804.0	1859.8	1886.7	1935.0
20.00	1472.9	1601.8	1670.6	1723.5	1771.3	1810.0	1865.7	1894.7	1944.0
22.00	1346.2	1512.8	1649.6	1719.5	1774.3	1817.9	1877.7	1907.7	1962.1
24.00	1223.6	1393.8	1573.6	1714.5	1780.3	1830.9	1895.7	1931.7	1999.3
26.00	1107.9	1284.8	1481.6	1689.5	1793.2	1849.8	1919.6	1962.7	2045.5

Intensità luminosa [cd] EC33 (Wow mini) / 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	963.3	1177.8	1382.5	1627.4	1803.2	1867.7	1945.6	2003.6	2103.8
30.00	805.7	1053.8	1293.5	1551.3	1790.2	1886.7	1972.5	2042.6	2165.1
32.00	678.1	903.9	1183.5	1461.1	1742.5	1906.6	2003.4	2083.6	2226.4
34.00	601.3	767.9	1055.4	1375.0	1684.9	1919.5	2031.4	2121.6	2274.6
36.00	526.5	678.9	916.4	1267.8	1608.3	1909.6	2059.3	2155.5	2314.8
38.00	445.7	600.9	802.3	1148.7	1533.8	1877.7	2087.2	2189.5	2344.9
40.00	376.9	514.9	715.3	1008.5	1445.3	1831.9	2117.2	2225.5	2375.0
42.00	331.1	434.9	631.2	895.3	1336.0	1776.1	2137.1	2256.5	2405.2
44.00	302.1	375.9	538.2	804.2	1204.8	1706.4	2136.1	2290.4	2445.4
46.00	280.2	339.9	463.2	719.0	1081.5	1627.7	2115.2	2326.4	2498.6
48.00	255.3	316.0	408.2	622.9	976.1	1514.1	2072.3	2365.4	2574.0
50.00	228.4	292.0	376.1	539.8	883.7	1390.6	2021.4	2408.4	2666.4
52.00	198.4	265.0	350.1	477.7	773.3	1254.1	1957.5	2440.3	2767.9
54.00	164.5	233.0	321.1	434.6	667.0	1143.6	1880.7	2465.3	2871.4
56.00	131.6	197.0	287.1	402.6	576.5	1032.0	1774.9	2466.3	2947.7
58.00	101.7	159.0	247.1	366.5	518.9	919.4	1639.3	2440.3	3009.0
60.00	76.8	124.0	204.1	325.5	475.1	785.0	1487.6	2320.4	3034.1
62.00	58.8	94.0	162.1	277.4	431.4	657.4	1312.0	2130.5	3007.0
64.00	44.9	71.0	123.0	222.3	372.8	549.9	1084.5	1913.7	2924.6
66.00	35.9	54.0	91.0	168.2	297.2	451.2	805.2	1671.9	2782.9
68.00	28.9	41.0	65.0	117.2	208.7	332.7	519.8	1354.1	2533.8
70.00	22.9	32.0	46.0	75.1	128.2	208.2	317.3	987.3	2204.3
72.00	17.9	25.0	33.0	46.1	70.6	112.6	183.6	624.6	1796.4
74.00	14.0	18.0	23.0	29.0	38.8	57.8	102.8	317.8	1373.4
76.00	10.0	13.0	16.0	19.0	22.9	31.9	58.9	145.9	833.9
78.00	6.0	9.0	11.0	13.0	14.9	18.9	32.9	80.9	513.4
80.00	4.2	5.7	7.2	8.6	10.0	12.5	18.5	41.2	229.6
82.00	2.8	3.8	4.9	6.1	7.3	8.7	11.2	19.2	88.8
84.00	1.3	2.1	2.9	3.9	4.9	6.0	7.3	10.3	23.9
86.00	0.4	0.6	1.1	1.8	2.6	3.5	4.6	6.0	8.0
88.00	0.3	0.4	0.4	0.5	0.7	1.1	1.6	2.5	3.8
90.00	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
92.00	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6
94.00	0.6	0.7	0.8	0.8	0.8	0.9	0.8	0.8	0.8
96.00	0.7	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.9
98.00	0.8	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.0
100.00	0.8	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.1
102.00	0.9	1.0	1.2	1.3	1.3	1.3	1.3	1.2	1.2
104.00	0.9	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2
106.00	0.9	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2
108.00	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2
110.00	1.1	1.3	1.4	1.5	1.5	1.4	1.4	1.4	1.3
112.00	1.2	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.4
114.00	1.1	1.2	1.3	1.4	1.4	1.4	1.3	1.3	1.2
116.00	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2
118.00	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2
120.00	1.0	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.0
122.00	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
124.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
126.00	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
128.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
130.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Intensità luminosa [cd] EC33 (Wow mini) / 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	0.8	0.8	0.8	0.8	0.8	0.8	0.8
134.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
136.00	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
138.00	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
140.00	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9
142.00	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0
144.00	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1
146.00	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
148.00	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
150.00	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4
152.00	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5
154.00	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
156.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
158.00	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
160.00	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
162.00	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6
164.00	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5
166.00	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.4
168.00	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.3
170.00	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4
172.00	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6
174.00	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7
176.00	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8
178.00	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9
180.00	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.0

RISULTATI FOTOMETRICI

Name:	EC33 (Wow mini)		
Number:	PL29764/00	Diameter:	0 mm
Report:	TR01925/00	Length:	251 mm
Test no.:	1	Width:	190 mm
Flux Meas:	7498.07 lm	Height:	0 mm
Date:	03/04/2017 11:10:31	Operator:	Roberto Cammertoni

Flusso zonale EC33 (Wow mini) / Total LVK

Gamm a [°]	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	250.03	250.03	250.03	0.00	0.00	0.00	0.00
2.0	244.01	254.95	250.08	7.18	7.18	0.10	0.10
4.0	238.26	259.22	250.52	21.54	28.72	0.29	0.38
6.0	232.51	263.81	251.07	35.94	64.66	0.48	0.86
8.0	226.63	267.65	251.28	50.34	115.00	0.67	1.53
10.0	220.59	274.56	251.38	64.65	179.65	0.86	2.40
12.0	214.21	281.08	250.78	78.78	258.43	1.05	3.45
14.0	196.14	285.88	248.28	92.31	350.74	1.23	4.68
16.0	170.07	288.68	243.13	104.58	455.31	1.39	6.07
18.0	146.27	289.48	236.92	115.40	570.72	1.54	7.61
20.0	119.93	288.30	230.05	125.00	695.72	1.67	9.28
22.0	92.39	289.95	223.37	133.60	829.32	1.78	11.06
24.0	73.76	298.31	218.15	141.84	971.16	1.89	12.95
26.0	63.77	310.78	215.87	150.81	1121.98	2.01	14.96
28.0	53.65	325.90	215.25	160.93	1282.90	2.15	17.11
30.0	44.47	339.96	215.54	171.72	1454.62	2.29	19.40
32.0	37.14	350.57	216.10	182.78	1637.40	2.44	21.84
34.0	31.95	356.27	216.67	193.80	1831.20	2.58	24.42
36.0	27.81	359.32	217.32	204.67	2035.87	2.73	27.15
38.0	24.33	362.64	218.49	215.64	2251.52	2.88	30.03
40.0	20.99	366.62	220.19	226.98	2478.50	3.03	33.06
42.0	17.65	370.73	222.38	238.73	2717.23	3.18	36.24
44.0	14.31	376.78	225.18	250.96	2968.19	3.35	39.59
46.0	11.36	391.29	228.43	263.73	3231.92	3.52	43.10
48.0	8.69	418.32	232.17	276.97	3508.89	3.69	46.80
50.0	6.55	449.09	235.60	290.27	3799.16	3.87	50.67
52.0	5.08	482.93	238.51	302.95	4102.10	4.04	54.71
54.0	3.88	515.97	239.90	314.15	4416.25	4.19	58.90
56.0	2.81	543.26	238.94	322.51	4738.76	4.30	63.20
58.0	1.74	561.46	235.09	326.88	5065.63	4.36	67.56
60.0	0.94	567.08	227.32	325.90	5391.53	4.35	71.91
62.0	0.67	566.96	216.50	319.16	5710.69	4.26	76.16
64.0	0.40	555.63	202.19	306.73	6017.42	4.09	80.25
66.0	0.27	526.84	183.40	287.34	6304.76	3.83	84.09
68.0	0.13	484.04	163.04	262.20	6566.96	3.50	87.58
70.0	0.00	445.42	143.59	233.84	6800.80	3.12	90.70

Flusso zonale EC33 (Wow mini) / Total LVK

Gamm a [°]	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	0.00	382.15	119.02	201.33	7002.13	2.69	93.39
74.0	0.00	319.45	97.58	165.81	7167.94	2.21	95.60
76.0	0.00	236.46	71.61	127.98	7295.92	1.71	97.30
78.0	0.00	161.45	49.64	90.63	7386.56	1.21	98.51
80.0	0.01	97.76	26.51	58.12	7444.67	0.78	99.29
82.0	0.01	46.64	11.76	31.08	7475.75	0.41	99.70
84.0	0.01	23.79	4.12	12.96	7488.71	0.17	99.88
86.0	0.01	3.03	0.80	4.03	7492.74	0.05	99.93
88.0	0.01	0.90	0.24	0.86	7493.60	0.01	99.94
90.0	0.01	0.08	0.03	0.23	7493.83	0.00	99.94
92.0	0.01	0.10	0.04	0.06	7493.89	0.00	99.94
94.0	0.01	0.12	0.05	0.07	7493.96	0.00	99.95
96.0	0.01	0.14	0.05	0.08	7494.04	0.00	99.95
98.0	0.01	0.16	0.06	0.09	7494.14	0.00	99.95
100.0	0.01	0.17	0.06	0.10	7494.24	0.00	99.95
102.0	0.01	0.18	0.07	0.11	7494.35	0.00	99.95
104.0	0.01	0.19	0.07	0.11	7494.46	0.00	99.95
106.0	0.01	0.19	0.07	0.12	7494.58	0.00	99.95
108.0	0.01	0.19	0.08	0.12	7494.69	0.00	99.95
110.0	0.01	0.20	0.09	0.13	7494.82	0.00	99.96
112.0	0.01	0.21	0.09	0.14	7494.96	0.00	99.96
114.0	0.01	0.19	0.09	0.13	7495.09	0.00	99.96
116.0	0.01	0.19	0.09	0.13	7495.22	0.00	99.96
118.0	0.01	0.18	0.09	0.13	7495.34	0.00	99.96
120.0	0.01	0.16	0.08	0.12	7495.46	0.00	99.97
122.0	0.01	0.14	0.07	0.11	7495.57	0.00	99.97
124.0	0.01	0.12	0.07	0.10	7495.67	0.00	99.97
126.0	0.01	0.11	0.06	0.09	7495.76	0.00	99.97
128.0	0.01	0.10	0.06	0.08	7495.84	0.00	99.97
130.0	0.01	0.09	0.05	0.07	7495.91	0.00	99.97
132.0	0.02	0.11	0.07	0.08	7495.99	0.00	99.97
134.0	0.01	0.09	0.06	0.08	7496.06	0.00	99.97
136.0	0.02	0.10	0.06	0.07	7496.13	0.00	99.97
138.0	0.02	0.13	0.08	0.08	7496.21	0.00	99.98
140.0	0.02	0.14	0.08	0.09	7496.30	0.00	99.98
142.0	0.03	0.15	0.09	0.09	7496.39	0.00	99.98
144.0	0.03	0.17	0.11	0.10	7496.49	0.00	99.98
146.0	0.04	0.18	0.12	0.11	7496.59	0.00	99.98
148.0	0.05	0.20	0.13	0.11	7496.71	0.00	99.98
150.0	0.06	0.21	0.14	0.12	7496.82	0.00	99.98
152.0	0.07	0.22	0.16	0.12	7496.94	0.00	99.98
154.0	0.09	0.24	0.17	0.12	7497.07	0.00	99.99
156.0	0.11	0.25	0.19	0.13	7497.19	0.00	99.99
158.0	0.13	0.26	0.20	0.12	7497.32	0.00	99.99
160.0	0.14	0.25	0.20	0.12	7497.44	0.00	99.99
162.0	0.16	0.25	0.21	0.11	7497.55	0.00	99.99

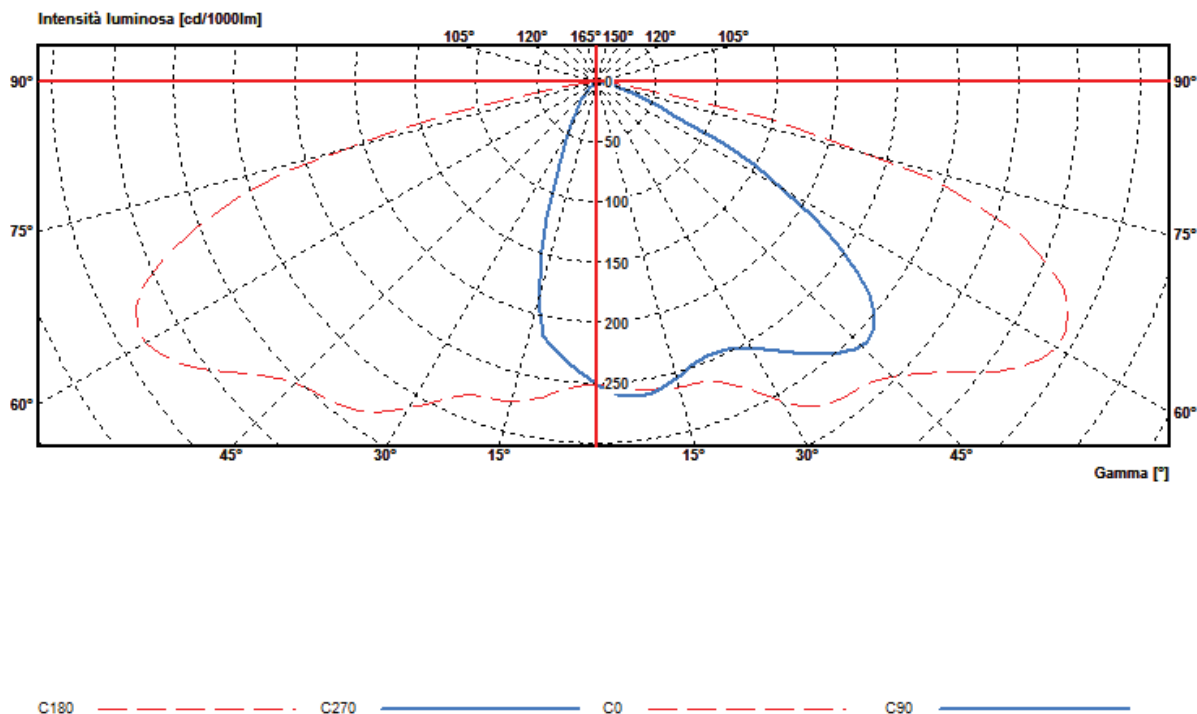
Flusso zonale EC33 (Wow mini) / Total LVK

Gamm a [°]	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	0.25	0.21	0.10	7497.65	0.00	99.99
166.0	0.18	0.25	0.22	0.09	7497.74	0.00	100.00
168.0	0.18	0.26	0.22	0.08	7497.82	0.00	100.00
170.0	0.19	0.27	0.24	0.07	7497.89	0.00	100.00
172.0	0.22	0.31	0.26	0.06	7497.96	0.00	100.00
174.0	0.22	0.30	0.25	0.05	7498.01	0.00	100.00
176.0	0.22	0.29	0.25	0.04	7498.04	0.00	100.00
178.0	0.21	0.27	0.25	0.02	7498.06	0.00	100.00
180.0	0.22	0.28	0.26	0.01	7498.07	0.00	100.00

RISULTATI FOTOMETRICI

Name:	EC33 (Wow mini)		
Number:	PL29764/00	Diameter:	0 mm
Report:	TR01925/00	Length:	251 mm
Test no.:	1	Width:	190 mm
Flux Meas:	7498.07 lm	Height:	0 mm
Date:	03/04/2017 11:10:31	Operator:	Roberto Cammertoni

Diagramma polare EC33 (Wow mini) / Total LVK



Photogoniometer Photometric Test Report

MSQ07/A 22 (2017/09)

Summary:Relevant Standards

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

Prepared for
iGuzziniLuminaire code number
EC37Test Report number
TR02632/00Date
2017-10-16Prepared by
Francesco BenedettiHead of laboratory
Stefano Petrocchi

The results contained in this report pertain only to the tested sample.

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This report contains n.4 + 17 pages (cover + report)

Test report nr. TR02632/00

General information

Test Report number: TR02632/00

Photometric file: PL30285/01

Luminaire code nr.: EC37

Product type: Outdoor luminaire

Product description: Outdoor luminaire with high visual comfort down light street optic, 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:ST0.8C

Ballast/Driver: LED POWER SUPPLY OSRAM OPTOTRONIC OT 40/120-277/1A0 4DIMLT2 E

Led type: Osram Oslon Square GWCSSRM2.PM 4000 K (CRI 70 minimum)

Note: -

Electrical Ratings

Voltage:	230	[V]
Current:	-	[A]
Total System Power:	36.5	[W]
Frequency:	50	[Hz]

Test Data

Leds number:	12		Voltage:	230.1	[V]
Lamp Power:	31	[W]	Current:	0.163	[A]
Bare Lamp Lumens:	-	[lm]	Total System Power:	36.4	[W]
Total Lumen Output:	3678.9	[lm]	Power Factor:	0.97	[/]
Luminous efficacy:	101.1	[lm/W]	Frequency:	50	[Hz]

Instruments

Goniophotometer: LMT GO-DS 2000 (mirror photogoniometer); Internal code: LAS100
Last calibration date: 2017/09 ; Calibration due date: 2019/09.

Electrical parameters: Digital Power Meter - YOKOGAWA WT 310; Internal code: LAS300
Last calibration date: 2017/03; Calibration due date: 2018/03.

Ambient temperature/humidity: Thermo Hygrometer - Deltaohm HD 206/01; Internal code: LAS213
Last calibration date: 2017/03; Calibration due date: 2018/03.

Air movement: Air Velocity Transducer - TSI Incorporated 8475-300-1; internal code: LAS215
Last calibration date: 2017/01; Calibration due date: 2018/01.

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

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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

Source stabilization time: 47 min

Total operating time: 3 h 35 min

Stray Light Screening: Stray light screening according to UNI EN 13032-4:2015 (Annex B)

Measurement uncertainties

LED type: White LED

Type of Photometry: Absolute

Electrical power: 1%

LOR: /

Luminous flux: 4%

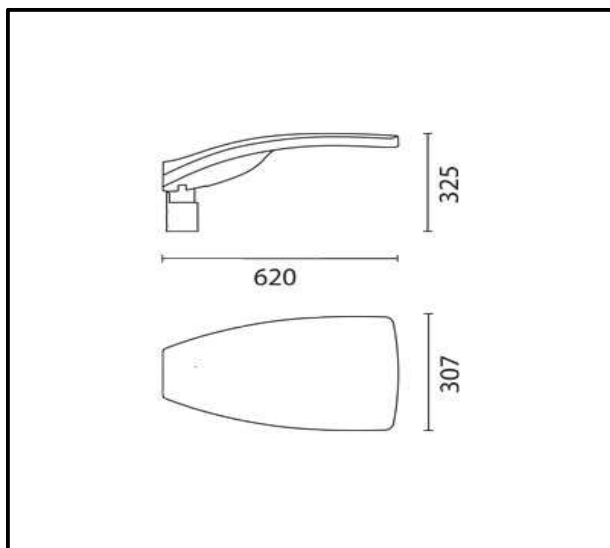
Luminous intensity "cd" 4%

Luminous intensity "cd/klm" 3.3%

Angular deviation: 0.5°

Luminous efficacy: 4.1%

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 $k=2$.

Pictures

RISULTATI FOTOMETRICI

Name:	EC37 (Wow Mini)		
Number:	PL30285/01	Diameter:	0 mm
Report:	TR02632/00	Length:	251 mm
Test no.:	1	Width:	190 mm
Flux Meas:	3678.93 lm	Height:	0 mm
Date:	15/09/2017 17:26:29	Operator:	Roberto Cammertoni

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	983.45	985.41	985.32	986.28	988.34	989.61	989.46	989.61	989.48
4.0	969.47	973.45	976.40	982.32	986.35	990.62	991.46	997.67	1000.49
6.0	976.46	982.42	988.30	999.14	1005.22	1012.77	1012.45	1014.78	1009.49
8.0	1003.42	1010.32	1009.11	1011.01	1014.16	1022.84	1021.44	1021.83	1018.50
10.0	1005.41	1023.27	1033.90	1043.66	1042.97	1049.01	1050.43	1056.06	1047.51
12.0	1026.38	1040.21	1053.72	1069.38	1069.79	1073.17	1068.42	1074.18	1066.52
14.0	1045.35	1057.15	1063.63	1073.33	1087.67	1098.34	1089.41	1097.33	1093.53
16.0	1050.34	1077.08	1093.37	1089.16	1090.65	1107.40	1101.40	1102.37	1100.54
18.0	1064.32	1076.08	1091.39	1104.00	1107.54	1130.56	1127.39	1118.48	1120.55
20.0	1061.33	1086.04	1096.35	1111.91	1120.45	1130.56	1137.38	1139.62	1136.55
22.0	1077.30	1104.98	1119.15	1122.80	1141.31	1144.65	1147.38	1157.74	1164.57
24.0	1094.27	1118.92	1140.95	1157.42	1162.17	1174.85	1166.36	1176.87	1177.57
26.0	1118.24	1162.77	1172.67	1187.10	1184.02	1200.02	1195.35	1208.07	1196.58
28.0	1152.18	1191.66	1229.18	1231.61	1228.72	1232.24	1227.33	1253.38	1238.60
30.0	1182.14	1240.48	1262.88	1279.10	1269.44	1269.48	1270.31	1272.50	1266.62
32.0	1225.07	1272.37	1308.48	1316.69	1308.18	1319.82	1319.28	1323.85	1302.64
34.0	1245.04	1297.28	1316.41	1337.46	1344.94	1365.12	1353.26	1357.07	1347.66
36.0	1270.00	1308.24	1340.20	1358.24	1384.67	1407.41	1403.24	1407.41	1377.67
38.0	1271.00	1314.21	1349.12	1380.00	1417.45	1455.73	1450.21	1461.77	1416.69
40.0	1282.98	1323.18	1362.01	1413.63	1459.17	1509.09	1524.17	1508.08	1460.71
42.0	1280.98	1336.13	1393.73	1445.29	1514.79	1567.48	1572.14	1556.40	1483.72
44.0	1283.98	1340.12	1415.54	1474.97	1558.50	1627.88	1621.12	1589.62	1506.74
46.0	1287.97	1375.99	1452.21	1530.36	1610.15	1683.25	1669.09	1628.89	1514.74
48.0	1315.92	1402.89	1481.95	1565.98	1660.81	1742.65	1714.07	1654.05	1518.74
50.0	1327.91	1426.80	1518.63	1625.33	1726.36	1784.93	1754.04	1661.10	1508.74
52.0	1351.87	1456.69	1558.28	1666.88	1767.09	1825.20	1764.04	1662.11	1483.72
54.0	1363.85	1473.63	1580.09	1698.54	1808.81	1845.33	1762.04	1631.91	1450.71
56.0	1368.84	1486.59	1599.91	1733.16	1829.67	1853.39	1739.05	1580.56	1383.68
58.0	1372.83	1500.53	1616.76	1747.01	1841.59	1832.25	1682.08	1517.14	1303.64
60.0	1364.85	1503.52	1619.74	1750.97	1821.72	1772.85	1602.13	1423.51	1209.59
62.0	1343.88	1493.56	1622.71	1727.22	1756.16	1687.28	1506.18	1312.77	1099.54
64.0	1319.92	1475.63	1600.90	1670.84	1653.85	1557.41	1369.25	1175.86	990.48
66.0	1273.99	1432.78	1530.52	1573.89	1515.78	1404.39	1223.33	1042.97	845.41
68.0	1222.07	1351.08	1417.52	1418.58	1330.04	1222.17	1054.43	879.88	705.34
70.0	1139.20	1235.50	1257.92	1220.73	1116.48	1020.82	876.52	718.80	605.30
72.0	1006.41	1053.16	1036.87	977.38	876.09	817.46	686.63	592.96	492.24
74.0	843.67	861.86	826.72	745.89	679.42	603.03	522.72	455.04	325.16
76.0	572.20	601.11	593.18	526.97	485.53	438.53	377.79	267.99	182.39
78.0	396.27	411.50	398.99	364.34	333.25	295.37	186.50	135.20	118.16
80.0	205.28	225.38	235.13	223.47	208.59	122.32	93.25	84.77	72.54
82.0	106.13	112.99	119.35	107.53	66.55	56.58	51.87	46.21	41.32
84.0	49.42	52.40	56.10	37.29	31.38	29.08	26.92	25.72	24.84
86.0	11.92	12.64	13.10	13.26	13.02	12.86	12.53	12.48	12.33
88.0	1.61	1.69	1.61	1.40	1.09	0.79	0.60	0.51	0.49
90.0	0.15	0.14	0.12	0.11	0.11	0.12	0.12	0.12	0.13
92.0	0.17	0.15	0.13	0.10	0.10	0.10	0.11	0.11	0.11
94.0	0.21	0.18	0.15	0.12	0.10	0.10	0.11	0.11	0.11
96.0	0.26	0.22	0.18	0.14	0.11	0.11	0.10	0.10	0.10

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
98.0	0.30	0.26	0.21	0.16	0.12	0.11	0.11	0.10	0.10
100.0	0.34	0.30	0.24	0.18	0.13	0.12	0.10	0.10	0.09
102.0	0.37	0.32	0.27	0.20	0.15	0.12	0.10	0.09	0.09
104.0	0.39	0.34	0.28	0.22	0.17	0.13	0.11	0.10	0.09
106.0	0.39	0.35	0.30	0.23	0.18	0.13	0.11	0.10	0.09
108.0	0.39	0.35	0.30	0.23	0.18	0.14	0.11	0.10	0.09
110.0	0.42	0.38	0.33	0.26	0.21	0.16	0.12	0.10	0.09
112.0	0.48	0.43	0.38	0.31	0.25	0.19	0.15	0.12	0.11
114.0	0.41	0.37	0.33	0.28	0.22	0.18	0.14	0.11	0.10
116.0	0.38	0.35	0.31	0.26	0.21	0.17	0.13	0.11	0.09
118.0	0.37	0.34	0.30	0.26	0.21	0.17	0.14	0.11	0.09
120.0	0.33	0.31	0.28	0.24	0.21	0.17	0.14	0.11	0.10
122.0	0.29	0.27	0.25	0.22	0.18	0.16	0.13	0.11	0.09
124.0	0.25	0.23	0.21	0.19	0.17	0.14	0.12	0.10	0.09
126.0	0.22	0.21	0.20	0.18	0.16	0.14	0.12	0.10	0.09
128.0	0.20	0.18	0.18	0.16	0.14	0.13	0.11	0.10	0.09
130.0	0.18	0.18	0.16	0.15	0.14	0.13	0.11	0.10	0.09
132.0	0.26	0.25	0.23	0.22	0.20	0.19	0.17	0.14	0.13
134.0	0.22	0.21	0.21	0.19	0.18	0.17	0.15	0.13	0.12
136.0	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.13	0.12
138.0	0.29	0.28	0.26	0.25	0.24	0.22	0.20	0.18	0.16
140.0	0.30	0.29	0.28	0.27	0.26	0.24	0.22	0.21	0.18
142.0	0.33	0.32	0.31	0.30	0.29	0.27	0.26	0.24	0.22
144.0	0.37	0.36	0.36	0.34	0.33	0.31	0.29	0.27	0.25
146.0	0.40	0.39	0.38	0.37	0.35	0.33	0.31	0.30	0.27
148.0	0.43	0.42	0.41	0.41	0.39	0.37	0.35	0.33	0.31
150.0	0.46	0.45	0.44	0.43	0.42	0.40	0.38	0.36	0.34
152.0	0.47	0.47	0.46	0.45	0.45	0.43	0.41	0.39	0.37
154.0	0.50	0.50	0.49	0.47	0.47	0.46	0.45	0.43	0.41
156.0	0.51	0.51	0.51	0.49	0.50	0.49	0.47	0.46	0.44
158.0	0.51	0.52	0.52	0.51	0.51	0.50	0.49	0.48	0.47
160.0	0.50	0.51	0.51	0.51	0.51	0.51	0.51	0.50	0.49
162.0	0.50	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52
164.0	0.46	0.48	0.49	0.49	0.51	0.52	0.53	0.53	0.53
166.0	0.43	0.45	0.48	0.49	0.51	0.53	0.54	0.55	0.55
168.0	0.43	0.45	0.48	0.50	0.53	0.54	0.55	0.56	0.57
170.0	0.42	0.45	0.49	0.50	0.53	0.55	0.57	0.58	0.60
172.0	0.43	0.46	0.49	0.51	0.54	0.56	0.58	0.59	0.60
174.0	0.48	0.51	0.54	0.56	0.59	0.61	0.62	0.63	0.63
176.0	0.54	0.55	0.57	0.59	0.61	0.62	0.62	0.61	0.61
178.0	0.54	0.54	0.56	0.56	0.57	0.57	0.57	0.56	0.55
180.0	0.54	0.53	0.54	0.53	0.55	0.55	0.55	0.54	0.53

G/C [cd]	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	990.44	991.63	991.41	992.46	991.34	992.53	991.53	990.55	990.55
4.0	1004.42	1006.73	1009.37	1009.45	1009.24	1009.58	1008.58	1006.61	1005.61
6.0	1011.41	1015.79	1022.33	1028.44	1030.12	1029.63	1022.61	1018.65	1016.65
8.0	1019.39	1022.84	1024.33	1029.44	1033.10	1040.66	1044.67	1046.75	1044.75
10.0	1045.35	1044.98	1048.26	1043.43	1037.08	1048.68	1058.70	1060.80	1055.79
12.0	1059.33	1057.06	1057.24	1056.42	1053.98	1067.73	1080.76	1075.86	1062.81
14.0	1081.29	1078.21	1076.19	1066.42	1067.91	1076.75	1084.77	1094.93	1097.94
16.0	1094.27	1094.31	1091.15	1088.41	1093.76	1097.80	1096.80	1115.00	1116.00
18.0	1114.24	1122.50	1117.08	1107.40	1107.68	1107.83	1120.86	1142.10	1129.05
20.0	1129.22	1129.55	1127.06	1130.38	1128.56	1131.89	1147.93	1153.13	1169.19
22.0	1155.18	1155.72	1150.00	1159.37	1143.47	1156.95	1164.97	1176.22	1190.27
24.0	1185.13	1183.91	1175.93	1182.36	1168.33	1184.02	1177.01	1194.28	1205.32
26.0	1201.11	1220.15	1199.87	1195.35	1182.25	1188.03	1203.07	1201.31	1219.37
28.0	1235.05	1239.28	1231.79	1207.34	1201.14	1194.05	1207.08	1205.32	1228.40
30.0	1260.01	1251.36	1253.73	1235.33	1222.03	1215.10	1206.08	1204.32	1218.37
32.0	1294.96	1288.61	1269.69	1261.31	1227.00	1237.16	1201.07	1195.29	1206.33
34.0	1316.92	1307.74	1273.68	1268.31	1230.97	1219.11	1203.07	1180.23	1193.28

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
36.0	1346.88	1312.77	1288.64	1263.31	1224.01	1202.07	1184.02	1163.17	1171.20
38.0	1368.84	1328.88	1286.64	1250.32	1222.03	1180.01	1160.96	1135.07	1143.10
40.0	1389.81	1334.92	1265.70	1230.33	1198.16	1155.95	1139.91	1108.98	1105.97
42.0	1405.78	1324.85	1246.75	1209.34	1152.42	1122.87	1087.78	1063.81	1063.81
44.0	1402.79	1312.77	1222.81	1165.37	1110.66	1081.76	1037.65	1010.62	1009.62
46.0	1397.80	1287.61	1189.89	1128.39	1069.89	1028.63	982.51	956.43	945.39
48.0	1372.83	1255.39	1149.00	1076.41	1009.24	958.45	905.31	886.18	872.13
50.0	1349.87	1215.12	1094.14	1009.45	931.68	877.24	842.15	798.86	773.77
52.0	1313.93	1157.74	1031.31	927.49	853.13	791.02	744.90	715.57	695.49
54.0	1259.01	1093.31	942.54	835.54	748.73	708.81	682.74	638.29	616.21
56.0	1195.12	1011.76	854.77	753.59	678.13	628.60	580.48	536.93	506.82
58.0	1102.26	922.16	769.99	661.64	566.77	492.26	432.10	399.43	380.36
60.0	1005.41	840.62	663.27	528.71	415.63	388.99	359.92	342.23	325.17
62.0	915.56	724.84	538.59	420.77	356.96	329.84	311.80	292.05	281.01
64.0	777.77	599.00	459.80	353.81	300.29	280.72	259.66	245.88	234.84
66.0	663.95	531.55	395.97	303.83	249.58	229.59	214.55	202.73	194.70
68.0	581.08	465.11	328.14	239.87	203.84	184.47	170.44	160.58	153.55
70.0	496.22	374.50	251.34	185.90	156.11	143.37	134.34	128.46	122.44
72.0	362.43	255.71	177.54	142.92	123.30	115.29	108.28	101.36	98.35
74.0	220.65	166.11	130.66	108.94	96.45	91.23	85.22	79.28	77.28
76.0	145.97	120.30	97.35	82.56	75.67	71.18	66.77	63.13	62.42
78.0	99.44	82.15	69.72	61.87	57.97	53.84	51.93	49.98	49.68
80.0	61.50	54.67	49.67	46.17	43.85	40.40	40.40	39.34	38.94
82.0	38.84	36.44	34.11	33.28	31.62	29.58	30.08	29.41	28.90
84.0	24.44	23.63	22.69	22.60	21.85	20.76	21.05	20.70	20.20
86.0	12.25	12.15	11.72	11.81	11.55	11.41	11.50	11.47	11.25
88.0	0.47	0.44	0.41	0.37	0.34	0.31	0.30	0.30	0.30
90.0	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.15	0.15
92.0	0.12	0.12	0.12	0.11	0.12	0.11	0.11	0.12	0.14
94.0	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.13
96.0	0.10	0.10	0.10	0.09	0.09	0.08	0.08	0.10	0.11
98.0	0.10	0.10	0.09	0.08	0.08	0.07	0.08	0.10	0.10
100.0	0.09	0.09	0.08	0.07	0.06	0.06	0.07	0.09	0.09
102.0	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.07	0.07
104.0	0.09	0.08	0.07	0.07	0.06	0.06	0.07	0.07	0.07
106.0	0.08	0.07	0.07	0.06	0.06	0.05	0.07	0.06	0.07
108.0	0.08	0.08	0.06	0.06	0.06	0.06	0.07	0.06	0.06
110.0	0.08	0.08	0.07	0.06	0.05	0.06	0.07	0.06	0.06
112.0	0.09	0.09	0.08	0.07	0.07	0.08	0.08	0.06	0.06
114.0	0.09	0.08	0.07	0.07	0.06	0.07	0.07	0.06	0.05
116.0	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.05	0.05
118.0	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.06	0.06
120.0	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.06	0.06
122.0	0.09	0.08	0.07	0.06	0.07	0.07	0.06	0.06	0.06
124.0	0.08	0.07	0.07	0.06	0.07	0.07	0.06	0.06	0.06
126.0	0.08	0.08	0.07	0.06	0.06	0.06	0.06	0.06	0.06
128.0	0.08	0.07	0.06	0.06	0.06	0.06	0.05	0.06	0.06
130.0	0.08	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06
132.0	0.11	0.09	0.08	0.08	0.07	0.08	0.07	0.07	0.07
134.0	0.10	0.09	0.08	0.07	0.07	0.07	0.07	0.06	0.06
136.0	0.10	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07
138.0	0.13	0.12	0.10	0.09	0.09	0.09	0.09	0.08	0.09
140.0	0.16	0.14	0.13	0.12	0.11	0.11	0.10	0.10	0.10
142.0	0.19	0.17	0.16	0.14	0.13	0.13	0.12	0.12	0.11
144.0	0.23	0.21	0.19	0.17	0.16	0.15	0.15	0.14	0.14
146.0	0.25	0.24	0.21	0.20	0.19	0.17	0.17	0.17	0.17
148.0	0.29	0.27	0.25	0.23	0.22	0.21	0.21	0.20	0.20
150.0	0.32	0.31	0.29	0.27	0.26	0.25	0.25	0.24	0.25
152.0	0.36	0.34	0.33	0.31	0.30	0.29	0.29	0.28	0.28
154.0	0.39	0.38	0.37	0.35	0.34	0.33	0.32	0.33	0.33
156.0	0.43	0.41	0.41	0.39	0.38	0.37	0.36	0.36	0.37
158.0	0.46	0.45	0.44	0.43	0.41	0.41	0.40	0.40	0.41

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
160.0	0.49	0.48	0.47	0.46	0.45	0.44	0.43	0.43	0.44
162.0	0.51	0.51	0.51	0.50	0.49	0.48	0.47	0.47	0.47
164.0	0.53	0.54	0.53	0.53	0.52	0.51	0.50	0.49	0.50
166.0	0.56	0.56	0.56	0.56	0.56	0.55	0.54	0.53	0.52
168.0	0.58	0.59	0.59	0.59	0.59	0.58	0.57	0.56	0.54
170.0	0.60	0.60	0.61	0.61	0.60	0.59	0.59	0.57	0.55
172.0	0.61	0.61	0.61	0.59	0.58	0.58	0.56	0.54	0.53
174.0	0.62	0.61	0.59	0.57	0.55	0.54	0.53	0.52	0.52
176.0	0.60	0.58	0.55	0.54	0.51	0.50	0.50	0.50	0.49
178.0	0.54	0.53	0.51	0.49	0.47	0.47	0.46	0.46	0.45
180.0	0.52	0.51	0.50	0.50	0.49	0.48	0.47	0.46	0.46

G/C [cd]	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	990.53	990.53	991.51	989.44	991.46	991.32	992.31	992.34	990.37
4.0	1004.56	1007.57	1008.53	1007.41	1007.45	1006.22	1004.23	1003.27	1001.32
6.0	1020.61	1024.62	1029.57	1028.38	1029.44	1028.07	1026.08	1025.15	1026.20
8.0	1044.67	1043.66	1039.58	1035.37	1035.44	1036.02	1038.00	1041.06	1038.15
10.0	1052.69	1052.69	1051.60	1052.34	1061.42	1068.80	1069.79	1060.94	1057.06
12.0	1064.72	1076.75	1077.64	1073.31	1074.41	1071.78	1068.80	1068.90	1069.00
14.0	1095.80	1093.79	1089.66	1092.28	1096.40	1090.65	1099.59	1092.76	1085.92
16.0	1112.84	1115.85	1116.70	1129.22	1120.39	1112.50	1109.52	1098.73	1095.88
18.0	1134.90	1146.93	1139.73	1136.21	1137.38	1135.35	1136.34	1128.56	1123.75
20.0	1167.98	1158.96	1168.78	1161.17	1160.37	1147.27	1146.27	1149.44	1143.65
22.0	1184.02	1188.03	1191.81	1177.14	1173.36	1174.09	1174.09	1179.27	1158.58
24.0	1207.08	1212.09	1200.83	1200.11	1193.35	1189.98	1207.86	1205.12	1182.47
26.0	1220.12	1216.10	1221.86	1210.09	1211.34	1219.78	1228.72	1214.07	1208.35
28.0	1217.11	1227.13	1223.86	1226.07	1227.33	1236.67	1245.60	1254.84	1249.16
30.0	1217.11	1228.14	1225.86	1227.06	1245.32	1254.54	1258.52	1272.74	1266.08
32.0	1211.09	1218.11	1219.85	1237.05	1248.32	1256.53	1291.30	1300.58	1299.92
34.0	1195.05	1206.08	1219.85	1215.08	1252.32	1262.49	1293.28	1307.54	1327.79
36.0	1166.98	1189.04	1184.80	1211.09	1237.33	1264.48	1291.30	1317.48	1338.74
38.0	1147.93	1153.95	1176.79	1195.12	1220.34	1248.58	1281.36	1319.47	1356.66
40.0	1108.83	1128.88	1141.74	1162.17	1190.35	1224.75	1266.46	1315.49	1368.60
42.0	1064.72	1079.76	1089.66	1130.22	1158.37	1194.95	1244.61	1302.57	1366.61
44.0	1013.59	1024.62	1045.59	1085.29	1121.39	1158.19	1210.84	1281.69	1362.63
46.0	951.43	968.47	980.49	1016.40	1068.42	1113.50	1177.07	1250.86	1341.73
48.0	876.24	891.28	911.39	943.51	1003.45	1047.94	1130.38	1214.07	1310.87
50.0	779.99	796.03	830.26	869.63	932.49	978.41	1064.82	1164.35	1275.04
52.0	693.77	708.81	737.12	785.76	834.55	898.94	987.35	1098.73	1232.24
54.0	620.58	638.63	674.02	702.89	744.59	807.56	898.94	1021.17	1167.54
56.0	506.29	525.34	561.85	618.03	666.64	714.19	796.63	935.66	1096.87
58.0	373.95	390.00	423.64	470.26	539.71	615.85	712.20	835.23	1007.29
60.0	318.81	330.84	354.54	376.41	411.78	465.86	580.09	741.77	911.74
62.0	271.69	285.73	305.46	325.49	350.81	382.42	450.96	610.52	819.17
64.0	229.59	239.61	257.39	275.57	297.84	320.84	382.42	501.14	682.81
66.0	192.49	199.51	214.33	225.64	244.87	270.18	322.82	437.50	581.28
68.0	151.39	158.40	169.26	179.72	198.89	219.52	264.22	373.87	506.63
70.0	121.31	126.32	133.20	141.78	152.92	171.84	208.59	298.30	429.99
72.0	97.25	100.26	105.16	112.82	120.93	133.10	158.93	212.79	319.51
74.0	76.19	79.20	83.13	89.86	95.95	103.30	122.18	151.14	209.02
76.0	61.56	63.56	65.30	69.99	75.06	79.96	91.68	113.05	144.72
78.0	49.23	50.43	51.18	53.72	57.47	60.89	67.74	79.74	98.24
80.0	38.90	39.40	39.96	41.33	43.18	45.99	48.87	54.59	61.31
82.0	28.97	29.27	29.85	30.55	31.18	33.28	34.67	37.39	39.12
84.0	20.27	20.38	20.95	21.38	21.46	22.76	23.53	24.46	25.18
86.0	11.40	11.40	11.66	11.80	11.88	12.24	12.60	12.83	13.27
88.0	0.33	0.34	0.33	0.34	0.37	0.40	0.45	0.49	0.54
90.0	0.19	0.18	0.15	0.15	0.14	0.14	0.14	0.14	0.14
92.0	0.16	0.14	0.12	0.11	0.12	0.12	0.12	0.12	0.12
94.0	0.14	0.13	0.11	0.10	0.10	0.10	0.10	0.11	0.11
96.0	0.11	0.11	0.09	0.08	0.08	0.09	0.10	0.10	0.10

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0
98.0	0.11	0.11	0.09	0.08	0.08	0.08	0.09	0.09	0.09
100.0	0.09	0.09	0.08	0.07	0.07	0.07	0.08	0.09	0.09
102.0	0.07	0.08	0.07	0.07	0.07	0.07	0.08	0.08	0.09
104.0	0.07	0.07	0.07	0.07	0.06	0.07	0.07	0.08	0.08
106.0	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.09
108.0	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08
110.0	0.06	0.06	0.06	0.07	0.08	0.08	0.07	0.07	0.08
112.0	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.07	0.09
114.0	0.05	0.05	0.06	0.07	0.07	0.07	0.07	0.07	0.08
116.0	0.06	0.06	0.06	0.07	0.08	0.07	0.07	0.07	0.08
118.0	0.06	0.06	0.06	0.07	0.08	0.07	0.07	0.08	0.08
120.0	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08
122.0	0.06	0.06	0.06	0.06	0.07	0.06	0.07	0.07	0.08
124.0	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08
126.0	0.06	0.06	0.06	0.07	0.06	0.07	0.07	0.07	0.08
128.0	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.07	0.07
130.0	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07
132.0	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09
134.0	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09
136.0	0.07	0.07	0.07	0.07	0.08	0.07	0.08	0.09	0.09
138.0	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.12
140.0	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.13	0.15
142.0	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.18
144.0	0.14	0.14	0.15	0.15	0.16	0.17	0.18	0.20	0.22
146.0	0.17	0.17	0.17	0.18	0.19	0.20	0.22	0.24	0.25
148.0	0.20	0.21	0.21	0.22	0.23	0.24	0.25	0.27	0.29
150.0	0.25	0.25	0.26	0.26	0.27	0.28	0.30	0.30	0.32
152.0	0.29	0.29	0.30	0.31	0.31	0.33	0.33	0.35	0.36
154.0	0.33	0.34	0.35	0.35	0.36	0.37	0.38	0.39	0.40
156.0	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.44
158.0	0.42	0.43	0.43	0.45	0.46	0.47	0.47	0.49	0.49
160.0	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.52
162.0	0.48	0.50	0.51	0.52	0.53	0.54	0.54	0.55	0.55
164.0	0.51	0.52	0.54	0.54	0.55	0.55	0.56	0.56	0.56
166.0	0.53	0.55	0.56	0.57	0.58	0.58	0.59	0.59	0.59
168.0	0.55	0.57	0.58	0.59	0.60	0.61	0.61	0.62	0.61
170.0	0.55	0.57	0.59	0.61	0.63	0.63	0.63	0.62	0.62
172.0	0.53	0.56	0.59	0.60	0.61	0.61	0.62	0.61	0.60
174.0	0.52	0.54	0.55	0.57	0.58	0.59	0.60	0.60	0.61
176.0	0.48	0.49	0.51	0.53	0.55	0.57	0.58	0.59	0.60
178.0	0.43	0.44	0.46	0.49	0.51	0.54	0.55	0.55	0.56
180.0	0.45	0.45	0.47	0.50	0.52	0.53	0.55	0.57	0.58

G/C [cd]	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	990.57	989.59	990.41	988.38	988.44	986.44	985.46	984.58	980.68
4.0	1000.62	1001.66	1001.39	999.33	997.43	992.43	990.46	987.60	984.75
6.0	1030.76	1032.84	1033.30	1027.20	1022.39	1015.40	1010.45	1002.70	1001.03
8.0	1038.80	1038.87	1036.30	1034.17	1032.37	1023.39	1023.44	1018.81	1017.30
10.0	1065.92	1069.04	1062.23	1058.05	1058.33	1051.34	1046.43	1028.88	1019.34
12.0	1071.95	1073.06	1068.21	1069.00	1068.32	1063.32	1062.42	1052.03	1051.89
14.0	1097.07	1099.21	1099.13	1110.81	1112.25	1096.27	1089.41	1070.15	1065.12
16.0	1109.12	1118.32	1122.07	1121.76	1112.25	1100.26	1102.40	1084.25	1070.20
18.0	1138.26	1135.42	1136.04	1135.69	1124.23	1116.24	1106.40	1090.29	1090.55
20.0	1147.30	1139.44	1144.01	1142.66	1142.20	1135.21	1128.39	1107.40	1089.53
22.0	1162.37	1161.56	1165.96	1158.58	1160.17	1137.21	1131.38	1110.42	1099.70
24.0	1198.54	1196.76	1185.91	1175.50	1171.15	1162.17	1161.37	1137.60	1117.00
26.0	1217.62	1212.85	1200.87	1201.38	1196.11	1201.11	1190.35	1162.77	1134.29
28.0	1248.77	1247.05	1240.76	1245.18	1233.06	1228.06	1230.33	1205.05	1172.95
30.0	1270.87	1277.22	1264.70	1265.09	1271.99	1279.98	1277.30	1236.26	1206.52
32.0	1315.07	1311.41	1314.57	1318.83	1318.92	1303.94	1301.29	1283.58	1237.04
34.0	1343.20	1359.68	1365.44	1348.70	1351.87	1347.87	1349.27	1295.66	1282.82

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0
36.0	1380.37	1395.89	1408.32	1404.43	1410.78	1376.83	1351.26	1330.89	1284.85
38.0	1411.52	1440.14	1460.19	1462.16	1445.72	1409.78	1375.25	1321.83	1306.22
40.0	1432.62	1487.40	1506.07	1519.89	1489.65	1447.72	1396.24	1350.02	1304.18
42.0	1457.73	1528.64	1562.92	1569.66	1541.57	1493.64	1423.22	1361.10	1313.34
44.0	1470.79	1561.83	1615.78	1624.41	1601.47	1538.57	1465.20	1388.28	1324.53
46.0	1469.79	1583.95	1654.68	1676.16	1660.38	1581.51	1507.18	1407.41	1337.75
48.0	1452.71	1585.96	1682.61	1729.91	1719.29	1637.42	1545.16	1443.65	1349.96
50.0	1429.60	1583.95	1702.56	1771.72	1762.22	1689.34	1586.14	1476.87	1381.50
52.0	1399.46	1566.85	1708.54	1799.59	1814.14	1742.25	1624.12	1509.09	1408.96
54.0	1350.24	1538.69	1693.58	1809.54	1847.09	1788.18	1660.10	1529.22	1433.38
56.0	1289.96	1486.40	1655.68	1803.57	1870.05	1824.12	1695.08	1548.35	1444.57
58.0	1214.61	1409.97	1590.85	1765.75	1863.06	1842.09	1710.07	1558.42	1442.54
60.0	1121.18	1319.46	1511.06	1688.11	1823.12	1825.12	1712.07	1561.44	1435.41
62.0	1020.71	1218.89	1405.33	1585.59	1741.25	1776.20	1702.07	1558.42	1431.35
64.0	913.22	1097.20	1276.67	1455.20	1619.45	1691.33	1665.09	1545.33	1413.03
66.0	765.54	972.49	1131.05	1301.91	1464.69	1569.52	1580.14	1497.00	1374.38
68.0	655.02	813.60	988.42	1132.70	1279.98	1396.80	1434.22	1399.35	1304.18
70.0	566.62	683.86	814.87	967.48	1091.28	1185.13	1241.32	1256.40	1205.50
72.0	459.12	572.23	653.29	781.35	875.62	938.52	995.46	1055.05	1042.74
74.0	304.41	430.43	516.65	584.27	677.93	733.84	781.57	853.71	871.83
76.0	179.73	251.42	366.24	447.91	501.41	530.76	560.89	609.57	600.72
78.0	121.16	139.89	182.92	287.06	346.95	373.51	390.19	417.49	416.89
80.0	75.35	89.91	100.24	123.12	203.28	245.31	255.06	272.92	259.01
82.0	44.00	50.18	57.45	62.71	71.69	113.62	128.73	132.28	125.33
84.0	27.22	28.44	29.40	31.46	34.48	38.10	63.45	75.60	74.41
86.0	13.99	14.36	14.52	14.83	15.45	16.25	16.86	16.92	16.30
88.0	0.59	0.63	0.70	1.10	2.01	3.03	3.83	4.14	4.13
90.0	0.13	0.13	0.12	0.12	0.11	0.10	0.10	0.11	0.12
92.0	0.12	0.12	0.12	0.11	0.11	0.10	0.10	0.12	0.14
94.0	0.11	0.11	0.11	0.10	0.10	0.10	0.11	0.14	0.17
96.0	0.10	0.10	0.10	0.11	0.11	0.11	0.13	0.17	0.21
98.0	0.10	0.10	0.10	0.10	0.11	0.12	0.15	0.20	0.25
100.0	0.09	0.09	0.10	0.10	0.11	0.13	0.18	0.23	0.30
102.0	0.09	0.09	0.10	0.10	0.12	0.14	0.19	0.26	0.32
104.0	0.09	0.09	0.10	0.11	0.12	0.16	0.21	0.27	0.34
106.0	0.09	0.10	0.10	0.11	0.13	0.17	0.23	0.29	0.35
108.0	0.08	0.09	0.10	0.11	0.14	0.18	0.24	0.30	0.35
110.0	0.09	0.10	0.11	0.13	0.16	0.21	0.27	0.33	0.39
112.0	0.09	0.11	0.12	0.14	0.18	0.23	0.29	0.36	0.42
114.0	0.09	0.10	0.11	0.13	0.17	0.22	0.26	0.31	0.36
116.0	0.09	0.10	0.11	0.13	0.17	0.21	0.26	0.30	0.36
118.0	0.09	0.10	0.12	0.14	0.18	0.22	0.27	0.30	0.35
120.0	0.09	0.10	0.12	0.14	0.18	0.21	0.25	0.28	0.32
122.0	0.08	0.09	0.11	0.13	0.17	0.19	0.22	0.25	0.28
124.0	0.09	0.10	0.11	0.13	0.16	0.18	0.21	0.23	0.25
126.0	0.09	0.09	0.11	0.13	0.15	0.18	0.20	0.21	0.23
128.0	0.08	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21
130.0	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18	0.19
132.0	0.11	0.12	0.15	0.18	0.20	0.22	0.24	0.25	0.27
134.0	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.22	0.23
136.0	0.10	0.12	0.15	0.16	0.17	0.18	0.20	0.21	0.22
138.0	0.14	0.17	0.19	0.22	0.23	0.25	0.27	0.28	0.31
140.0	0.17	0.19	0.22	0.24	0.26	0.28	0.30	0.31	0.34
142.0	0.20	0.23	0.26	0.28	0.29	0.31	0.33	0.35	0.37
144.0	0.23	0.26	0.29	0.31	0.33	0.35	0.37	0.39	0.42
146.0	0.26	0.29	0.31	0.33	0.35	0.38	0.40	0.42	0.45
148.0	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.45	0.48
150.0	0.33	0.35	0.37	0.39	0.41	0.43	0.46	0.48	0.51
152.0	0.37	0.38	0.40	0.41	0.44	0.46	0.48	0.50	0.53
154.0	0.41	0.42	0.43	0.45	0.47	0.49	0.51	0.54	0.57
156.0	0.45	0.46	0.46	0.47	0.49	0.52	0.54	0.56	0.59
158.0	0.49	0.49	0.49	0.50	0.52	0.54	0.56	0.58	0.61

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0
160.0	0.52	0.51	0.51	0.51	0.52	0.54	0.56	0.57	0.60
162.0	0.54	0.53	0.54	0.54	0.54	0.55	0.57	0.58	0.60
164.0	0.56	0.55	0.55	0.53	0.53	0.54	0.55	0.56	0.57
166.0	0.58	0.57	0.56	0.55	0.53	0.52	0.53	0.54	0.55
168.0	0.60	0.59	0.57	0.56	0.54	0.52	0.53	0.54	0.56
170.0	0.61	0.59	0.58	0.55	0.54	0.52	0.52	0.53	0.55
172.0	0.59	0.59	0.57	0.56	0.54	0.52	0.50	0.50	0.52
174.0	0.61	0.60	0.59	0.57	0.55	0.53	0.51	0.51	0.55
176.0	0.60	0.59	0.59	0.57	0.56	0.55	0.55	0.56	0.58
178.0	0.58	0.58	0.57	0.56	0.55	0.55	0.54	0.53	0.52
180.0	0.59	0.59	0.60	0.60	0.59	0.57	0.55	0.54	0.54

G/C [cd]	180.0	185.0	190.0	195.0	200.0	205.0	210.0	215.0	220.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	978.68	976.50	972.47	968.47	965.46	961.51	957.48	954.49	953.53
4.0	980.72	975.50	969.47	964.46	963.44	959.52	955.48	948.50	945.56
6.0	992.96	985.53	974.48	970.48	972.49	970.46	962.48	955.49	945.56
8.0	1009.29	1000.59	985.48	976.50	970.48	959.52	947.48	939.52	931.61
10.0	1003.17	996.57	995.49	987.54	972.49	955.55	945.48	940.52	928.62
12.0	1033.79	1012.63	998.49	984.53	971.49	954.55	932.49	918.55	910.68
14.0	1051.13	1036.72	1018.50	989.55	980.54	963.50	930.49	911.56	900.72
16.0	1042.97	1031.70	1020.50	988.54	969.48	950.57	935.49	909.57	885.77
18.0	1068.48	1040.73	1015.50	1001.59	970.48	942.62	923.50	894.59	887.77
20.0	1066.44	1060.80	1022.50	1002.60	982.55	948.59	914.50	888.60	862.86
22.0	1066.44	1050.77	1023.50	994.57	978.53	952.56	918.50	877.62	848.91
24.0	1086.85	1067.83	1034.50	1006.61	968.47	944.61	896.51	881.61	837.95
26.0	1097.06	1077.87	1036.51	1012.63	977.52	948.59	894.51	856.65	826.99
28.0	1123.59	1090.91	1057.52	1012.63	983.56	929.69	900.51	854.65	795.10
30.0	1148.08	1107.97	1061.52	1023.67	993.61	936.65	892.51	835.68	771.19
32.0	1184.82	1121.02	1066.52	1023.67	979.53	945.60	896.51	809.72	721.37
34.0	1199.11	1141.09	1074.52	1023.67	979.53	939.64	870.53	788.76	667.57
36.0	1229.73	1141.09	1077.53	1023.67	988.59	944.61	850.54	743.83	622.73
38.0	1223.60	1156.15	1082.53	1022.67	978.53	924.72	829.55	691.91	559.96
40.0	1245.03	1158.15	1080.53	1025.68	974.51	910.80	788.57	643.98	505.16
42.0	1234.83	1166.18	1089.53	1025.68	980.54	894.89	743.59	579.09	451.36
44.0	1244.01	1167.19	1083.53	1033.71	968.47	849.15	679.63	517.18	404.53
46.0	1249.12	1169.19	1089.53	1030.70	949.36	794.47	615.66	460.27	367.66
48.0	1260.34	1170.20	1082.53	1018.65	921.21	737.79	549.70	410.35	330.80
50.0	1270.55	1176.22	1087.53	1020.66	881.98	672.16	488.73	368.42	294.93
52.0	1298.10	1194.28	1087.53	995.57	819.63	604.55	428.77	329.48	272.01
54.0	1312.39	1205.32	1092.53	974.49	767.34	536.94	381.79	298.53	254.07
56.0	1319.53	1210.34	1087.53	943.38	698.95	476.28	345.81	275.57	234.15
58.0	1309.33	1207.33	1072.52	898.22	633.58	417.62	311.83	254.60	215.22
60.0	1290.96	1199.30	1046.51	831.98	569.22	373.87	285.84	230.64	193.30
62.0	1275.65	1185.25	996.49	756.71	490.77	338.07	262.86	206.67	170.38
64.0	1253.20	1149.12	928.45	670.40	414.34	304.26	234.87	181.71	144.47
66.0	1224.62	1086.90	851.42	571.05	354.00	269.46	203.89	154.76	120.56
68.0	1176.66	1001.59	738.36	437.57	299.69	230.68	169.91	126.80	98.64
70.0	1107.26	893.20	608.30	315.13	243.38	187.93	137.92	102.84	81.70
72.0	975.62	742.66	449.22	228.82	189.07	146.17	106.94	80.87	66.76
74.0	833.76	608.18	288.14	159.57	137.78	106.39	80.96	63.90	53.80
76.0	572.41	420.21	160.28	108.69	93.53	74.57	61.27	50.62	43.74
78.0	400.66	276.19	92.65	70.95	61.45	51.51	45.48	39.54	34.47
80.0	234.72	145.22	57.33	46.27	41.64	36.39	33.68	30.35	26.50
82.0	114.40	58.11	34.82	30.31	28.06	25.26	23.89	22.07	18.93
84.0	69.35	31.23	21.54	19.79	18.37	16.85	15.97	14.45	11.80
86.0	14.93	13.35	11.45	10.71	9.79	8.66	7.34	5.05	3.00
88.0	3.80	3.23	2.49	1.93	1.18	0.66	0.43	0.34	0.28
90.0	0.13	0.14	0.14	0.13	0.12	0.11	0.09	0.09	0.08
92.0	0.16	0.17	0.17	0.17	0.16	0.14	0.13	0.11	0.09
94.0	0.20	0.22	0.22	0.21	0.20	0.18	0.16	0.13	0.12
96.0	0.26	0.27	0.28	0.27	0.25	0.22	0.19	0.16	0.14

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	180.0	185.0	190.0	195.0	200.0	205.0	210.0	215.0	220.0
98.0	0.31	0.33	0.33	0.32	0.29	0.27	0.23	0.19	0.16
100.0	0.34	0.36	0.37	0.36	0.33	0.30	0.26	0.22	0.18
102.0	0.37	0.39	0.40	0.39	0.37	0.33	0.29	0.25	0.20
104.0	0.39	0.41	0.42	0.42	0.39	0.35	0.31	0.26	0.21
106.0	0.40	0.42	0.43	0.43	0.41	0.37	0.32	0.27	0.22
108.0	0.40	0.42	0.43	0.44	0.42	0.38	0.33	0.28	0.23
110.0	0.43	0.46	0.48	0.49	0.47	0.44	0.39	0.33	0.28
112.0	0.48	0.51	0.53	0.53	0.52	0.48	0.43	0.36	0.30
114.0	0.40	0.42	0.44	0.46	0.45	0.42	0.38	0.34	0.28
116.0	0.40	0.42	0.44	0.45	0.44	0.41	0.37	0.33	0.28
118.0	0.38	0.41	0.42	0.43	0.43	0.42	0.38	0.35	0.30
120.0	0.36	0.37	0.39	0.41	0.41	0.40	0.37	0.33	0.29
122.0	0.31	0.32	0.34	0.36	0.36	0.35	0.33	0.30	0.27
124.0	0.28	0.28	0.30	0.31	0.31	0.31	0.30	0.28	0.25
126.0	0.26	0.26	0.27	0.28	0.29	0.29	0.28	0.25	0.23
128.0	0.22	0.23	0.24	0.24	0.25	0.25	0.25	0.23	0.21
130.0	0.20	0.21	0.22	0.22	0.23	0.23	0.23	0.22	0.20
132.0	0.29	0.29	0.30	0.31	0.32	0.32	0.32	0.30	0.27
134.0	0.24	0.25	0.25	0.26	0.25	0.25	0.25	0.24	0.22
136.0	0.23	0.24	0.25	0.25	0.25	0.25	0.24	0.24	0.23
138.0	0.32	0.34	0.35	0.36	0.36	0.35	0.34	0.33	0.32
140.0	0.35	0.35	0.36	0.36	0.35	0.34	0.33	0.32	0.30
142.0	0.39	0.38	0.39	0.39	0.39	0.39	0.38	0.36	0.35
144.0	0.43	0.43	0.44	0.44	0.44	0.44	0.42	0.41	0.40
146.0	0.46	0.46	0.47	0.46	0.46	0.46	0.45	0.44	0.43
148.0	0.49	0.49	0.50	0.50	0.50	0.49	0.48	0.47	0.46
150.0	0.53	0.53	0.53	0.53	0.53	0.52	0.52	0.50	0.49
152.0	0.55	0.55	0.56	0.56	0.56	0.56	0.55	0.54	0.53
154.0	0.59	0.59	0.59	0.59	0.60	0.59	0.59	0.58	0.57
156.0	0.61	0.61	0.62	0.62	0.63	0.62	0.62	0.61	0.60
158.0	0.63	0.63	0.64	0.63	0.64	0.64	0.64	0.63	0.62
160.0	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62
162.0	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63
164.0	0.58	0.57	0.59	0.60	0.61	0.62	0.61	0.62	0.62
166.0	0.56	0.56	0.58	0.59	0.60	0.61	0.62	0.62	0.63
168.0	0.57	0.57	0.58	0.59	0.60	0.62	0.63	0.63	0.63
170.0	0.56	0.56	0.58	0.60	0.61	0.62	0.62	0.63	0.63
172.0	0.55	0.57	0.58	0.59	0.60	0.60	0.62	0.62	0.63
174.0	0.59	0.59	0.59	0.59	0.60	0.62	0.63	0.64	0.65
176.0	0.58	0.57	0.57	0.57	0.59	0.60	0.61	0.61	0.60
178.0	0.52	0.52	0.52	0.53	0.54	0.54	0.53	0.53	0.53
180.0	0.53	0.53	0.54	0.53	0.52	0.51	0.52	0.52	0.52

G/C [cd]	225.0	230.0	235.0	240.0	245.0	250.0	255.0	260.0	265.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	952.50	951.34	950.31	950.41	949.52	948.61	949.50	950.48	950.50
4.0	943.51	940.25	937.20	935.35	934.56	932.71	931.53	928.49	925.54
6.0	935.52	929.17	926.10	922.31	920.60	916.82	912.56	905.51	900.58
8.0	924.54	918.08	909.96	900.23	893.67	885.03	884.60	883.52	883.61
10.0	909.57	905.99	903.91	898.22	881.70	865.17	861.64	860.53	853.65
12.0	900.58	889.87	876.67	866.11	858.76	849.28	849.66	842.54	830.69
14.0	875.62	864.67	866.58	847.04	835.82	828.42	815.71	805.56	804.73
16.0	861.64	845.52	832.28	817.93	813.88	807.56	788.76	785.57	783.76
18.0	848.66	828.39	817.15	792.84	790.94	775.77	771.78	769.58	756.81
20.0	843.67	816.30	786.88	772.77	767.00	736.04	736.84	712.61	703.89
22.0	816.71	807.23	771.75	737.64	718.13	694.32	680.93	660.64	656.96
24.0	805.73	767.92	733.42	691.48	651.30	631.74	602.05	584.68	573.10
26.0	775.78	729.63	677.93	635.28	581.48	549.30	530.16	509.72	491.23
28.0	742.83	676.22	608.32	561.01	512.66	462.88	443.30	420.77	408.36
30.0	683.92	615.75	545.77	476.71	433.87	388.38	369.42	348.81	340.46
32.0	623.02	549.24	466.08	401.44	362.06	326.80	309.51	295.84	289.54
34.0	572.10	469.62	395.46	345.24	310.19	287.07	275.57	267.85	257.59

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	225.0	230.0	235.0	240.0	245.0	250.0	255.0	260.0	265.0
36.0	502.21	406.13	349.05	303.09	277.28	263.23	246.61	238.87	229.64
38.0	446.30	359.78	309.71	279.00	252.34	234.42	221.65	212.88	208.67
40.0	399.37	325.51	282.47	251.90	225.41	209.59	202.68	195.89	191.70
42.0	359.43	299.31	255.23	226.81	206.46	193.69	185.71	179.90	175.72
44.0	327.48	269.08	233.04	207.74	189.51	176.81	167.74	162.91	158.75
46.0	295.53	246.91	216.90	191.69	172.55	160.92	153.76	147.92	144.77
48.0	268.58	231.79	201.77	174.63	158.59	148.00	140.78	134.93	130.79
50.0	249.61	216.67	184.62	161.58	145.62	135.09	127.80	120.93	118.81
52.0	234.63	200.55	171.50	149.54	132.65	122.18	115.82	110.94	107.83
54.0	216.66	185.43	158.39	134.48	119.69	111.25	105.83	99.95	96.85
56.0	198.69	170.31	143.25	122.44	108.72	100.32	93.85	88.95	84.87
58.0	180.71	153.18	128.12	109.39	95.75	87.41	81.87	76.96	73.90
60.0	160.75	135.04	112.99	96.35	83.78	76.48	70.89	60.97	57.94
62.0	140.78	117.91	98.86	84.30	71.81	65.56	60.90	50.97	47.95
64.0	118.81	98.76	84.74	71.26	61.84	54.63	45.93	36.98	33.96
66.0	98.84	83.65	70.62	61.22	50.87	40.73	32.95	24.99	21.97
68.0	80.87	70.54	59.52	50.18	38.90	28.81	21.97	15.99	12.97
70.0	66.89	59.46	49.43	40.14	28.92	21.85	16.97	9.99	7.99
72.0	56.91	50.39	41.36	31.11	21.94	17.88	11.98	6.00	4.00
74.0	47.92	41.32	33.29	23.08	17.95	13.91	8.99	3.00	1.00
76.0	39.94	33.66	25.93	17.96	14.16	10.33	5.89	2.20	0.50
78.0	31.85	26.30	19.17	13.65	10.77	7.15	3.69	1.20	0.30
80.0	24.36	19.45	13.11	9.84	7.48	4.47	2.10	0.60	0.10
82.0	15.97	11.99	7.97	6.12	4.09	2.09	0.80	0.30	0.10
84.0	8.89	5.91	3.64	2.50	1.36	0.64	0.34	0.14	0.06
86.0	1.71	1.07	0.70	0.50	0.34	0.21	0.11	0.06	0.05
88.0	0.24	0.18	0.14	0.10	0.07	0.05	0.04	0.04	0.04
90.0	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.04
92.0	0.08	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05
94.0	0.10	0.08	0.07	0.06	0.06	0.06	0.05	0.05	0.05
96.0	0.12	0.10	0.08	0.07	0.07	0.06	0.06	0.05	0.05
98.0	0.14	0.11	0.09	0.08	0.07	0.07	0.07	0.06	0.06
100.0	0.15	0.12	0.10	0.09	0.07	0.07	0.07	0.06	0.06
102.0	0.17	0.13	0.11	0.09	0.08	0.07	0.07	0.07	0.07
104.0	0.18	0.14	0.11	0.10	0.08	0.08	0.08	0.07	0.07
106.0	0.18	0.15	0.12	0.10	0.09	0.08	0.08	0.08	0.07
108.0	0.19	0.15	0.12	0.10	0.09	0.08	0.09	0.08	0.07
110.0	0.23	0.19	0.15	0.14	0.12	0.11	0.10	0.10	0.09
112.0	0.25	0.20	0.17	0.14	0.13	0.11	0.11	0.11	0.10
114.0	0.23	0.19	0.17	0.15	0.12	0.12	0.11	0.11	0.11
116.0	0.23	0.20	0.17	0.16	0.13	0.13	0.12	0.12	0.11
118.0	0.26	0.22	0.19	0.17	0.15	0.14	0.13	0.13	0.12
120.0	0.25	0.22	0.19	0.16	0.15	0.14	0.13	0.13	0.12
122.0	0.23	0.21	0.18	0.17	0.15	0.13	0.13	0.13	0.12
124.0	0.22	0.20	0.17	0.16	0.15	0.14	0.13	0.13	0.13
126.0	0.21	0.19	0.17	0.16	0.14	0.13	0.13	0.13	0.13
128.0	0.20	0.18	0.16	0.15	0.14	0.13	0.13	0.12	0.12
130.0	0.18	0.17	0.15	0.14	0.14	0.13	0.13	0.12	0.12
132.0	0.25	0.23	0.21	0.19	0.18	0.17	0.16	0.17	0.16
134.0	0.21	0.19	0.17	0.15	0.15	0.15	0.16	0.16	0.16
136.0	0.21	0.21	0.19	0.18	0.18	0.18	0.18	0.18	0.18
138.0	0.30	0.28	0.26	0.24	0.22	0.20	0.20	0.21	0.21
140.0	0.29	0.27	0.25	0.24	0.23	0.22	0.22	0.23	0.23
142.0	0.33	0.32	0.30	0.29	0.28	0.27	0.26	0.26	0.27
144.0	0.38	0.36	0.35	0.33	0.32	0.31	0.30	0.31	0.32
146.0	0.41	0.39	0.38	0.36	0.35	0.34	0.33	0.33	0.35
148.0	0.44	0.42	0.40	0.38	0.37	0.37	0.36	0.37	0.37
150.0	0.47	0.45	0.43	0.42	0.41	0.40	0.40	0.39	0.41
152.0	0.51	0.48	0.47	0.45	0.44	0.44	0.42	0.42	0.43
154.0	0.54	0.52	0.50	0.49	0.47	0.46	0.46	0.46	0.46
156.0	0.58	0.56	0.54	0.52	0.50	0.50	0.49	0.49	0.49
158.0	0.61	0.59	0.58	0.54	0.53	0.52	0.52	0.52	0.52

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	225.0	230.0	235.0	240.0	245.0	250.0	255.0	260.0	265.0
160.0	0.61	0.60	0.59	0.57	0.55	0.53	0.53	0.52	0.52
162.0	0.62	0.61	0.60	0.58	0.56	0.54	0.53	0.52	0.51
164.0	0.62	0.62	0.62	0.59	0.56	0.54	0.52	0.51	0.49
166.0	0.62	0.61	0.61	0.58	0.55	0.53	0.51	0.50	0.49
168.0	0.63	0.62	0.62	0.59	0.57	0.55	0.53	0.51	0.49
170.0	0.63	0.62	0.63	0.60	0.58	0.55	0.53	0.51	0.49
172.0	0.64	0.64	0.63	0.60	0.58	0.55	0.51	0.49	0.48
174.0	0.64	0.63	0.62	0.59	0.56	0.53	0.51	0.51	0.51
176.0	0.59	0.58	0.58	0.54	0.52	0.51	0.50	0.49	0.47
178.0	0.54	0.53	0.52	0.51	0.49	0.48	0.45	0.43	0.41
180.0	0.52	0.52	0.52	0.51	0.49	0.47	0.45	0.42	0.41

G/C [cd]	270.0	275.0	280.0	285.0	290.0	295.0	300.0	305.0	310.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	950.57	952.61	951.57	951.50	953.40	953.40	954.48	955.55	956.47
4.0	924.72	925.85	925.72	927.54	930.30	932.31	934.49	936.65	938.46
6.0	898.87	902.06	906.82	912.56	918.24	920.25	917.50	914.78	914.45
8.0	882.96	886.20	884.95	883.61	880.06	878.05	881.52	889.92	895.44
10.0	853.13	856.46	858.10	855.65	853.94	861.98	871.53	876.99	877.43
12.0	826.28	837.62	843.19	833.68	826.82	828.83	836.54	847.16	857.42
14.0	805.40	804.91	798.44	793.75	801.70	811.75	828.55	838.22	844.41
16.0	773.58	773.19	773.58	784.76	790.65	784.62	790.57	809.38	828.40
18.0	750.72	766.25	753.70	748.82	753.48	763.53	784.57	808.39	813.40
20.0	711.94	713.72	699.01	714.87	736.40	751.47	760.59	776.57	795.39
22.0	641.34	653.25	654.27	667.95	686.17	706.26	730.60	766.62	775.38
24.0	564.78	569.98	578.70	595.06	620.87	649.00	686.63	721.88	765.37
26.0	492.19	490.68	505.12	510.20	545.52	590.73	629.66	683.10	725.35
28.0	401.71	407.41	405.68	434.31	471.18	504.33	550.70	622.45	680.33
30.0	331.11	329.10	336.08	355.44	378.75	425.97	489.73	545.88	619.30
32.0	281.39	279.54	285.37	293.54	317.47	350.62	401.78	475.29	560.27
34.0	252.56	249.80	251.56	261.59	279.29	299.38	334.82	407.67	497.24
36.0	225.71	223.04	226.71	236.63	250.16	269.24	296.84	349.01	431.21
38.0	204.83	205.19	208.81	214.66	227.05	244.13	265.86	307.25	376.18
40.0	189.92	189.33	192.90	200.68	210.97	222.03	241.87	282.39	335.16
42.0	174.01	173.47	177.98	185.71	195.90	207.96	224.88	253.55	306.15
44.0	157.10	158.60	162.07	170.73	181.84	193.90	210.89	236.65	278.14
46.0	144.18	144.73	149.15	155.75	165.77	178.83	197.89	223.72	256.12
48.0	130.26	131.84	136.22	142.77	152.71	163.76	181.90	209.80	242.12
50.0	118.32	118.95	123.30	130.79	140.65	151.70	167.91	194.89	228.11
52.0	107.39	109.04	112.36	118.81	126.58	138.64	155.92	180.97	212.10
54.0	96.45	98.14	102.42	107.83	114.53	125.58	142.92	167.05	196.10
56.0	84.52	86.24	90.48	95.85	104.48	114.53	129.93	153.13	181.09
58.0	66.62	71.37	79.55	84.87	91.42	101.47	115.94	137.22	163.08
60.0	41.76	48.57	67.61	72.89	79.37	89.41	101.94	121.31	145.07
62.0	33.81	40.64	56.68	62.90	69.32	77.36	89.95	104.40	127.06
64.0	22.87	29.74	40.77	49.92	58.27	66.31	76.96	89.49	106.05
66.0	11.93	19.83	28.84	35.94	46.21	56.26	64.96	75.57	88.04
68.0	5.97	11.90	18.89	24.96	34.16	45.21	53.97	63.64	73.04
70.0	2.98	6.94	13.92	19.97	26.12	34.16	43.98	52.70	62.03
72.0	0.99	3.97	9.94	15.97	20.09	26.12	35.98	44.74	52.03
74.0	0.00	1.98	5.97	11.98	16.07	20.09	27.98	36.79	43.02
76.0	0.20	1.19	3.98	8.59	12.96	16.17	21.89	29.53	35.62
78.0	0.10	0.59	2.39	5.69	9.44	12.56	16.19	22.47	27.51
80.0	0.00	0.30	1.29	3.39	6.13	9.04	11.49	15.91	20.01
82.0	0.00	0.20	0.50	1.40	3.11	5.32	7.10	9.74	12.81
84.0	0.06	0.05	0.17	0.39	0.73	1.56	2.66	3.77	5.90
86.0	0.05	0.05	0.06	0.12	0.21	0.34	0.50	0.68	0.91
88.0	0.04	0.04	0.04	0.05	0.05	0.06	0.08	0.11	0.15
90.0	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
92.0	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
94.0	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.08	0.09
96.0	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.09	0.10

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	270.0	275.0	280.0	285.0	290.0	295.0	300.0	305.0	310.0
98.0	0.06	0.06	0.07	0.06	0.07	0.07	0.09	0.10	0.13
100.0	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.11	0.13
102.0	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.12	0.15
104.0	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12	0.16
106.0	0.07	0.07	0.07	0.08	0.08	0.09	0.11	0.13	0.17
108.0	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.14	0.17
110.0	0.09	0.08	0.08	0.09	0.10	0.12	0.14	0.17	0.21
112.0	0.10	0.10	0.10	0.10	0.12	0.13	0.16	0.19	0.23
114.0	0.10	0.10	0.10	0.11	0.11	0.13	0.16	0.18	0.22
116.0	0.11	0.11	0.11	0.11	0.12	0.14	0.16	0.19	0.22
118.0	0.11	0.11	0.11	0.11	0.13	0.15	0.17	0.20	0.24
120.0	0.12	0.11	0.12	0.12	0.13	0.14	0.16	0.19	0.22
122.0	0.12	0.12	0.12	0.12	0.13	0.14	0.17	0.19	0.22
124.0	0.12	0.12	0.13	0.13	0.14	0.15	0.17	0.18	0.21
126.0	0.12	0.13	0.13	0.13	0.14	0.14	0.16	0.18	0.20
128.0	0.12	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19
130.0	0.12	0.12	0.12	0.13	0.13	0.14	0.15	0.16	0.17
132.0	0.16	0.16	0.16	0.16	0.17	0.18	0.19	0.21	0.23
134.0	0.16	0.16	0.16	0.17	0.18	0.18	0.19	0.19	0.20
136.0	0.18	0.19	0.19	0.19	0.18	0.18	0.19	0.19	0.19
138.0	0.22	0.23	0.23	0.22	0.23	0.23	0.23	0.25	0.27
140.0	0.23	0.24	0.24	0.24	0.23	0.24	0.23	0.23	0.24
142.0	0.28	0.28	0.28	0.29	0.28	0.28	0.28	0.28	0.28
144.0	0.32	0.33	0.33	0.34	0.33	0.33	0.33	0.32	0.32
146.0	0.35	0.36	0.37	0.37	0.37	0.37	0.37	0.36	0.36
148.0	0.38	0.39	0.40	0.40	0.40	0.40	0.40	0.40	0.39
150.0	0.42	0.42	0.43	0.43	0.43	0.43	0.42	0.43	0.41
152.0	0.44	0.45	0.46	0.47	0.46	0.47	0.47	0.45	0.44
154.0	0.47	0.48	0.49	0.49	0.50	0.50	0.49	0.49	0.48
156.0	0.50	0.51	0.53	0.53	0.54	0.54	0.54	0.53	0.51
158.0	0.52	0.53	0.54	0.55	0.56	0.56	0.56	0.55	0.54
160.0	0.52	0.54	0.54	0.56	0.56	0.57	0.57	0.56	0.55
162.0	0.51	0.51	0.53	0.54	0.55	0.56	0.57	0.55	0.54
164.0	0.49	0.49	0.51	0.53	0.54	0.54	0.54	0.54	0.53
166.0	0.48	0.48	0.49	0.51	0.52	0.53	0.53	0.54	0.53
168.0	0.48	0.48	0.49	0.50	0.52	0.53	0.54	0.54	0.54
170.0	0.48	0.48	0.50	0.51	0.52	0.52	0.52	0.51	0.50
172.0	0.49	0.51	0.51	0.51	0.51	0.51	0.51	0.50	0.49
174.0	0.51	0.50	0.49	0.49	0.49	0.50	0.50	0.50	0.50
176.0	0.46	0.45	0.45	0.45	0.46	0.47	0.48	0.49	0.49
178.0	0.39	0.39	0.41	0.42	0.43	0.44	0.45	0.46	0.47
180.0	0.40	0.40	0.41	0.41	0.41	0.42	0.44	0.47	0.49

G/C [cd]	315.0	320.0	325.0	330.0	335.0	340.0	345.0	350.0	355.0
0.0	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47	968.47
2.0	958.46	961.47	965.44	966.47	970.46	972.45	978.44	979.46	982.49
4.0	939.43	941.46	942.22	941.43	942.65	944.61	953.53	957.49	963.46
6.0	920.40	931.45	940.20	944.44	949.60	950.57	957.51	962.48	971.48
8.0	899.37	907.44	915.96	922.40	934.70	945.60	961.50	973.46	993.51
10.0	888.35	905.44	916.97	921.40	935.69	952.56	971.46	976.46	991.51
12.0	866.32	882.43	902.83	917.39	932.71	950.57	976.44	986.44	1007.53
14.0	864.31	887.43	896.77	919.40	940.66	946.60	972.46	990.44	1020.55
16.0	843.28	865.42	891.72	906.38	933.71	955.55	997.37	1020.39	1031.57
18.0	840.28	863.42	893.74	922.40	936.69	965.49	991.39	1010.41	1039.58
20.0	811.23	853.42	885.66	903.37	929.73	961.51	992.39	1015.40	1036.58
22.0	819.25	843.41	879.60	898.37	945.63	959.52	1000.36	1032.37	1052.60
24.0	796.21	832.41	860.42	906.38	945.63	966.48	1018.29	1032.37	1059.61
26.0	773.18	815.40	868.49	911.39	939.67	978.42	1018.29	1051.34	1084.65
28.0	754.15	822.40	857.39	907.38	945.63	983.39	1029.25	1063.32	1101.68
30.0	709.08	780.38	853.35	906.38	952.58	982.39	1029.25	1071.31	1134.73
32.0	662.01	763.37	860.42	901.37	952.58	984.38	1045.19	1097.27	1154.76
34.0	610.93	721.35	839.21	903.37	954.57	997.31	1056.15	1098.27	1181.80

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	315.0	320.0	325.0	330.0	335.0	340.0	345.0	350.0	355.0
36.0	546.83	664.32	807.90	900.37	957.55	999.30	1061.14	1124.23	1190.81
38.0	486.74	619.30	764.48	888.35	960.53	994.32	1060.14	1109.25	1206.83
40.0	423.64	557.27	714.99	858.30	950.59	995.32	1057.15	1123.23	1205.83
42.0	375.57	498.24	655.41	809.23	938.67	998.30	1060.14	1116.24	1205.83
44.0	342.52	432.21	586.74	757.15	915.83	986.37	1060.14	1115.24	1208.84
46.0	310.47	384.19	521.10	693.05	870.14	983.39	1063.13	1116.24	1199.82
48.0	280.43	347.17	450.41	623.95	819.48	966.48	1056.15	1129.22	1217.85
50.0	261.40	311.15	400.92	551.84	753.92	947.59	1058.15	1136.21	1231.87
52.0	247.38	285.14	360.53	483.74	690.35	912.79	1053.16	1138.20	1244.89
54.0	230.35	268.13	325.18	426.65	620.82	864.07	1048.18	1140.20	1254.91
56.0	213.32	249.12	298.92	381.58	556.25	800.43	1037.22	1142.20	1254.91
58.0	194.30	229.11	278.73	344.52	492.68	740.77	1005.34	1132.21	1251.90
60.0	174.26	207.10	256.51	316.48	429.11	672.16	951.53	1112.25	1249.90
62.0	151.23	185.09	232.27	295.45	383.42	599.58	873.82	1071.31	1238.88
64.0	128.19	159.08	205.01	268.41	342.69	510.09	785.14	1009.41	1214.85
66.0	108.16	133.06	175.72	237.36	305.94	405.68	679.52	933.53	1176.79
68.0	88.13	109.05	146.43	200.30	259.25	324.15	554.98	840.67	1118.70
70.0	73.11	88.04	117.15	162.25	212.57	263.50	410.50	729.85	1035.57
72.0	60.09	71.03	91.90	124.19	163.90	196.88	265.03	575.09	888.35
74.0	49.07	58.03	69.68	90.14	116.22	139.21	168.39	418.34	723.10
76.0	40.36	46.42	53.52	64.40	78.87	93.47	109.40	244.51	478.53
78.0	32.45	36.52	39.89	45.77	52.94	60.55	70.84	112.82	323.79
80.0	25.14	27.91	29.59	32.65	36.85	40.27	45.93	61.90	172.06
82.0	17.53	19.81	20.80	22.63	25.03	26.75	29.49	35.04	79.72
84.0	9.11	11.51	13.06	14.52	15.80	16.69	18.08	19.70	27.29
86.0	1.41	2.70	4.24	6.10	7.31	8.12	9.01	9.62	10.90
88.0	0.19	0.23	0.26	0.31	0.44	0.65	0.92	1.19	1.42
90.0	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.14	0.15
92.0	0.08	0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.18
94.0	0.11	0.12	0.14	0.16	0.19	0.20	0.22	0.23	0.23
96.0	0.12	0.14	0.18	0.20	0.23	0.25	0.27	0.28	0.28
98.0	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.33	0.33
100.0	0.16	0.20	0.24	0.27	0.31	0.34	0.36	0.37	0.36
102.0	0.19	0.22	0.27	0.31	0.35	0.38	0.40	0.40	0.39
104.0	0.20	0.24	0.29	0.34	0.38	0.41	0.43	0.43	0.42
106.0	0.20	0.25	0.30	0.35	0.40	0.43	0.44	0.44	0.42
108.0	0.21	0.26	0.31	0.36	0.40	0.43	0.45	0.44	0.42
110.0	0.26	0.31	0.36	0.42	0.46	0.49	0.49	0.49	0.46
112.0	0.28	0.34	0.41	0.47	0.53	0.56	0.56	0.55	0.52
114.0	0.26	0.31	0.36	0.41	0.45	0.46	0.47	0.46	0.44
116.0	0.26	0.30	0.35	0.40	0.43	0.45	0.45	0.43	0.41
118.0	0.28	0.33	0.37	0.41	0.43	0.44	0.43	0.42	0.40
120.0	0.27	0.30	0.34	0.37	0.39	0.40	0.39	0.38	0.36
122.0	0.25	0.28	0.30	0.32	0.34	0.34	0.34	0.32	0.30
124.0	0.24	0.27	0.28	0.30	0.31	0.31	0.30	0.28	0.26
126.0	0.22	0.24	0.26	0.28	0.28	0.27	0.26	0.25	0.24
128.0	0.20	0.22	0.23	0.24	0.25	0.24	0.23	0.23	0.22
130.0	0.19	0.20	0.21	0.22	0.22	0.22	0.21	0.21	0.19
132.0	0.25	0.27	0.29	0.29	0.30	0.30	0.29	0.28	0.27
134.0	0.22	0.23	0.24	0.24	0.25	0.25	0.24	0.23	0.23
136.0	0.20	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.21
138.0	0.28	0.29	0.31	0.31	0.31	0.31	0.30	0.30	0.30
140.0	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.31	0.31
142.0	0.29	0.30	0.31	0.32	0.32	0.33	0.34	0.34	0.34
144.0	0.33	0.34	0.34	0.35	0.36	0.37	0.38	0.38	0.38
146.0	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.40	0.40
148.0	0.38	0.38	0.38	0.39	0.40	0.40	0.41	0.42	0.42
150.0	0.40	0.40	0.40	0.41	0.42	0.42	0.43	0.44	0.45
152.0	0.43	0.42	0.42	0.42	0.43	0.44	0.45	0.45	0.46
154.0	0.46	0.45	0.44	0.45	0.46	0.46	0.47	0.47	0.49
156.0	0.50	0.48	0.47	0.47	0.47	0.47	0.48	0.49	0.50
158.0	0.52	0.50	0.47	0.47	0.47	0.48	0.48	0.49	0.50

Intensità luminosa [cd] EC37 (Wow Mini) / Total LVK

G/C [cd]	315.0	320.0	325.0	330.0	335.0	340.0	345.0	350.0	355.0
160.0	0.54	0.52	0.49	0.48	0.48	0.48	0.48	0.48	0.49
162.0	0.52	0.51	0.50	0.49	0.48	0.48	0.48	0.48	0.49
164.0	0.52	0.51	0.50	0.48	0.46	0.46	0.46	0.45	0.46
166.0	0.52	0.51	0.49	0.47	0.44	0.43	0.42	0.42	0.42
168.0	0.52	0.50	0.48	0.45	0.42	0.41	0.40	0.40	0.41
170.0	0.49	0.47	0.46	0.43	0.41	0.39	0.39	0.40	0.41
172.0	0.48	0.47	0.45	0.43	0.41	0.40	0.40	0.40	0.41
174.0	0.49	0.49	0.48	0.47	0.46	0.45	0.45	0.46	0.47
176.0	0.49	0.49	0.50	0.51	0.52	0.52	0.52	0.52	0.52
178.0	0.49	0.51	0.53	0.54	0.55	0.55	0.55	0.55	0.54
180.0	0.52	0.54	0.56	0.56	0.57	0.56	0.56	0.55	0.54

RISULTATI FOTOMETRICI

Name:	EC37 (Wow Mini)		
Number:	PL30285/01	Diameter:	0 mm
Report:	TR02632/00	Length:	251 mm
Test no.:	1	Width:	190 mm
Flux Meas:	3678.93 lm	Height:	0 mm
Date:	15/09/2017 17:26:29	Operator:	Roberto Cammertoni

Flusso zonale EC37 (Wow Mini) / Total LVK

Gamm a [°]	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	263.25	263.25	263.25	0.00	0.00	0.00	0.00
2.0	257.85	269.79	264.91	3.72	3.72	0.10	0.10
4.0	251.36	274.42	263.96	11.17	14.88	0.30	0.40
6.0	244.33	280.87	265.56	18.62	33.50	0.51	0.91
8.0	238.67	284.53	265.30	26.10	59.60	0.71	1.62
10.0	231.90	290.79	266.81	33.58	93.18	0.91	2.53
12.0	224.60	293.77	267.21	41.11	134.29	1.12	3.65
14.0	215.76	302.33	268.79	48.64	182.93	1.32	4.97
16.0	210.17	306.94	269.09	56.16	239.09	1.53	6.50
18.0	203.54	311.76	270.33	63.62	302.72	1.73	8.23
20.0	190.00	317.81	270.01	70.97	373.69	1.93	10.16
22.0	174.33	323.96	269.89	78.05	451.74	2.12	12.28
24.0	153.52	329.47	269.05	84.95	536.69	2.31	14.59
26.0	133.38	333.99	267.76	91.52	628.22	2.49	17.08
28.0	109.19	341.09	266.61	97.87	726.08	2.66	19.74
30.0	89.46	347.92	264.76	103.93	830.01	2.82	22.56
32.0	75.98	359.85	263.91	109.84	939.85	2.99	25.55
34.0	67.90	371.15	262.54	115.67	1055.52	3.14	28.69
36.0	60.63	383.47	261.09	121.16	1176.69	3.29	31.98
38.0	55.68	397.44	259.22	126.32	1303.01	3.43	35.42
40.0	51.46	414.30	257.41	131.16	1434.17	3.57	38.98
42.0	47.15	427.34	254.89	135.59	1569.76	3.69	42.67
44.0	42.70	442.49	251.67	139.37	1709.13	3.79	46.46
46.0	39.19	457.54	248.04	142.55	1851.68	3.87	50.33
48.0	35.41	473.68	243.40	144.99	1996.67	3.94	54.27
50.0	32.16	485.18	238.03	146.58	2143.25	3.98	58.26
52.0	29.19	496.12	231.69	147.26	2290.51	4.00	62.26
54.0	26.22	502.07	224.43	146.95	2437.47	3.99	66.25
56.0	22.97	508.31	215.33	145.32	2582.79	3.95	70.20
58.0	17.91	506.41	203.06	141.56	2724.35	3.85	74.05
60.0	10.31	496.10	190.35	136.04	2860.39	3.70	77.75
62.0	8.41	482.80	177.67	129.85	2990.24	3.53	81.28
64.0	6.22	459.73	163.20	122.53	3112.77	3.33	84.61
66.0	3.24	429.51	147.51	113.60	3226.37	3.09	87.70
68.0	1.62	389.85	129.65	102.92	3329.30	2.80	90.50
70.0	0.81	341.93	110.66	90.51	3419.80	2.46	92.96

Flusso zonale EC37 (Wow Mini) / Total LVK

Gamm a [°]	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	0.27	286.78	89.21	76.24	3496.04	2.07	95.03
74.0	0.00	236.98	69.69	60.93	3556.97	1.66	96.68
76.0	0.05	165.69	48.02	45.49	3602.46	1.24	97.92
78.0	0.03	113.48	32.17	31.52	3633.98	0.86	98.78
80.0	0.00	74.19	19.90	20.51	3654.49	0.56	99.34
82.0	0.00	35.96	10.73	12.03	3666.52	0.33	99.66
84.0	0.01	20.55	5.81	6.56	3673.08	0.18	99.84
86.0	0.01	4.60	2.34	3.27	3676.36	0.09	99.93
88.0	0.01	1.12	0.22	1.03	3677.39	0.03	99.96
90.0	0.01	0.05	0.03	0.10	3677.49	0.00	99.96
92.0	0.01	0.05	0.03	0.02	3677.51	0.00	99.96
94.0	0.01	0.06	0.03	0.03	3677.54	0.00	99.96
96.0	0.01	0.08	0.04	0.03	3677.56	0.00	99.96
98.0	0.02	0.09	0.04	0.03	3677.59	0.00	99.96
100.0	0.02	0.10	0.04	0.03	3677.63	0.00	99.96
102.0	0.02	0.11	0.05	0.03	3677.66	0.00	99.97
104.0	0.02	0.12	0.05	0.04	3677.70	0.00	99.97
106.0	0.01	0.12	0.05	0.04	3677.74	0.00	99.97
108.0	0.02	0.12	0.05	0.04	3677.77	0.00	99.97
110.0	0.01	0.13	0.06	0.04	3677.81	0.00	99.97
112.0	0.02	0.15	0.06	0.04	3677.86	0.00	99.97
114.0	0.01	0.13	0.06	0.04	3677.90	0.00	99.97
116.0	0.01	0.12	0.06	0.04	3677.94	0.00	99.97
118.0	0.02	0.12	0.06	0.04	3677.98	0.00	99.97
120.0	0.02	0.11	0.05	0.04	3678.02	0.00	99.98
122.0	0.02	0.10	0.05	0.04	3678.06	0.00	99.98
124.0	0.02	0.08	0.05	0.03	3678.09	0.00	99.98
126.0	0.02	0.08	0.04	0.03	3678.12	0.00	99.98
128.0	0.01	0.07	0.04	0.03	3678.15	0.00	99.98
130.0	0.02	0.06	0.04	0.02	3678.17	0.00	99.98
132.0	0.02	0.09	0.05	0.03	3678.20	0.00	99.98
134.0	0.02	0.07	0.04	0.03	3678.23	0.00	99.98
136.0	0.02	0.07	0.05	0.03	3678.25	0.00	99.98
138.0	0.02	0.10	0.06	0.03	3678.28	0.00	99.98
140.0	0.02	0.10	0.06	0.03	3678.31	0.00	99.98
142.0	0.03	0.11	0.07	0.03	3678.35	0.00	99.98
144.0	0.04	0.12	0.08	0.04	3678.38	0.00	99.99
146.0	0.05	0.13	0.09	0.04	3678.42	0.00	99.99
148.0	0.05	0.14	0.10	0.04	3678.47	0.00	99.99
150.0	0.07	0.14	0.11	0.04	3678.51	0.00	99.99
152.0	0.08	0.15	0.12	0.04	3678.55	0.00	99.99
154.0	0.09	0.16	0.12	0.04	3678.60	0.00	99.99
156.0	0.10	0.17	0.13	0.04	3678.64	0.00	99.99
158.0	0.11	0.17	0.14	0.04	3678.68	0.00	99.99
160.0	0.12	0.17	0.14	0.04	3678.72	0.00	99.99
162.0	0.13	0.17	0.15	0.04	3678.76	0.00	100.00

Flusso zonale EC37 (Wow Mini) / Total LVK

Gamm a [°]	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	0.12	0.17	0.15	0.03	3678.80	0.00	100.00
166.0	0.11	0.17	0.15	0.03	3678.83	0.00	100.00
168.0	0.11	0.17	0.15	0.03	3678.85	0.00	100.00
170.0	0.11	0.17	0.15	0.02	3678.88	0.00	100.00
172.0	0.11	0.18	0.15	0.02	3678.89	0.00	100.00
174.0	0.12	0.18	0.15	0.01	3678.91	0.00	100.00
176.0	0.12	0.17	0.15	0.01	3678.92	0.00	100.00
178.0	0.11	0.16	0.14	0.01	3678.93	0.00	100.00
180.0	0.11	0.16	0.14	0.00	3678.93	0.00	100.00

RISULTATI FOTOMETRICI

Name:	EC37 (Wow Mini)	Diameter:	0 mm
Number:	PL30285/01	Length:	251 mm
Report:	TR02632/00	Width:	190 mm
Test no.:	1	Height:	0 mm
Flux Meas:	3678.93 lm	Operator:	Roberto Cammertoni
Date:	15/09/2017 17:26:29		

Diagramma polare EC37 (Wow Mini) / Total LVK

