

STRADA-SQ-CY

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting. Version with location pins.

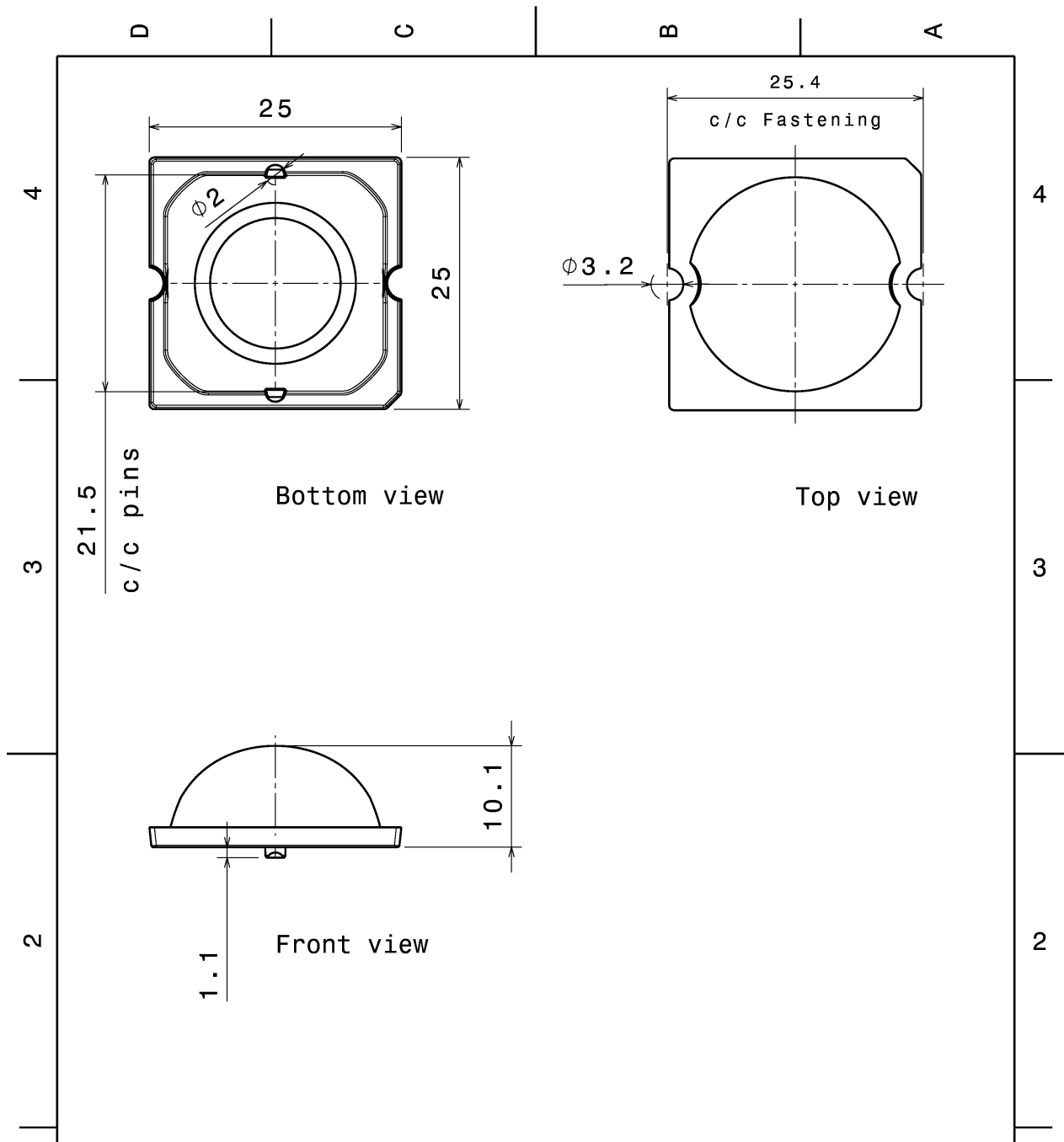
TECHNICAL SPECIFICATIONS:

Dimensions	25x25 mm
Height	10.1 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.8 kg
Quantity in Box	2058 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-SQ-CY	Lens	PMMA	clear

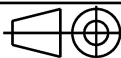


Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

STRADA-SQ-CY_MechanicalDrawing

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SIZE PART NUMBER

A4

C13866

SCALE

2:1

WEIGHT

-

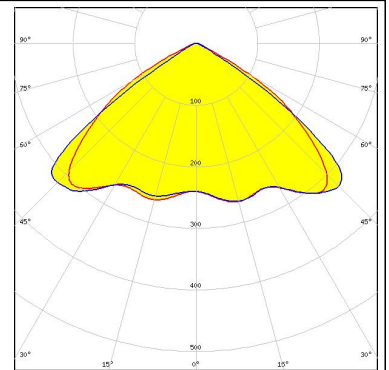
SHEET

1/1

PHOTOMETRIC DATA (MEASURED):

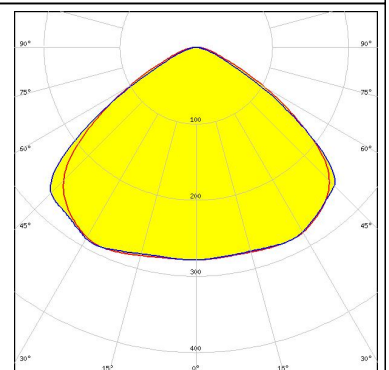
CITIZEN

LED PSL440
FWHM 119.0 + 113.0°
Efficiency 94 %
Peak intensity 0.440 cd/lm
Required components:



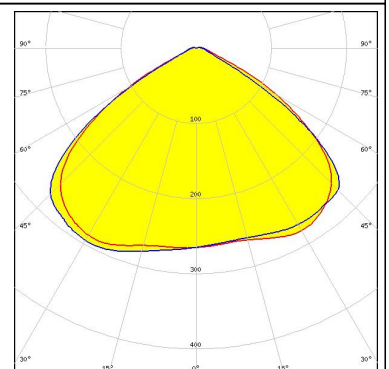
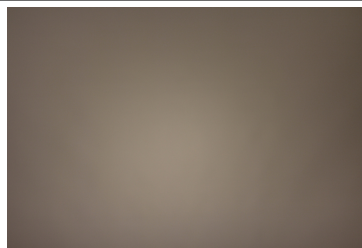
CITIZEN

LED PSL445
FWHM 113.0 + 112.0°
Efficiency 94 %
Peak intensity 0.370 cd/lm
Required components:



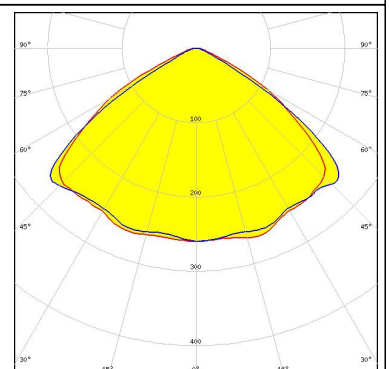
CREE

LED MHD-E/G
FWHM 117.0 + 115.0°
Efficiency 94 %
Peak intensity 0.370 cd/lm
Required components:



CREE

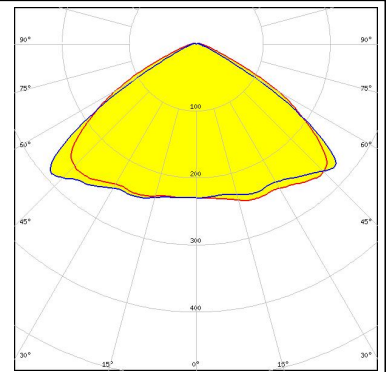
LED MK-R
FWHM 118.0 + 115.0°
Efficiency 94 %
Peak intensity 0.370 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

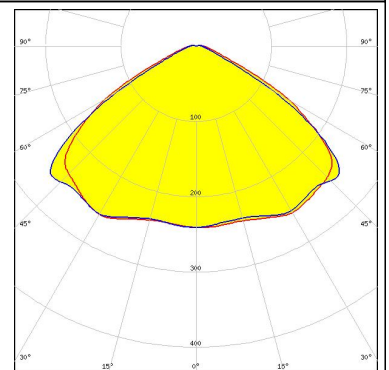
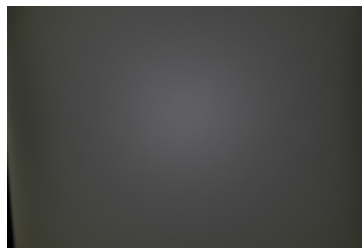
CREE ⇄

LED XHP50
FWHM 123.0 + 119.0°
Efficiency 94 %
Peak intensity 0.400 cd/lm
Required components:



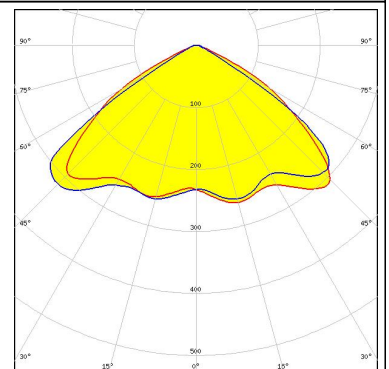
CREE ⇄

LED XHP70
FWHM 123.0 + 120.0°
Efficiency 94 %
Peak intensity 0.350 cd/lm
Required components:



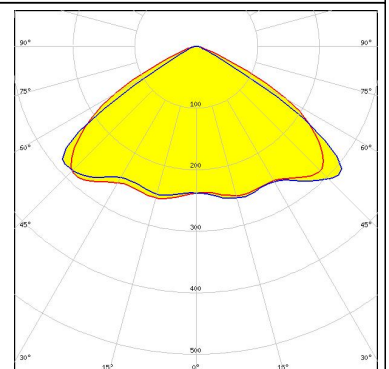
CREE ⇄

LED XM-L
FWHM 122.0 + 116.0°
Efficiency 94 %
Peak intensity 0.440 cd/lm
Required components:



CREE ⇄

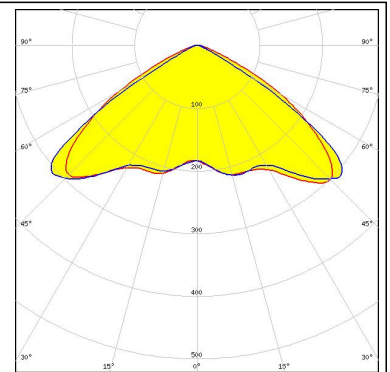
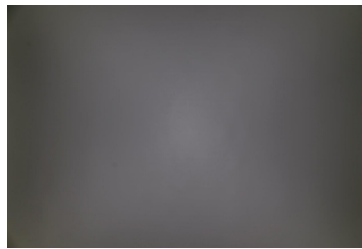
LED XM-L2
FWHM 122.0 + 115.0°
Efficiency 94 %
Peak intensity 0.400 cd/lm
Required components:



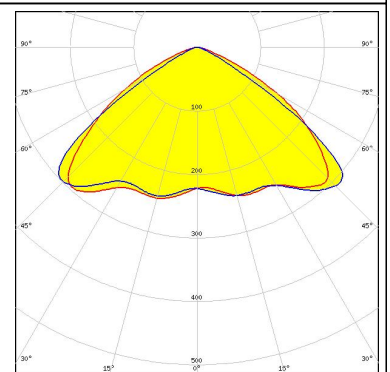
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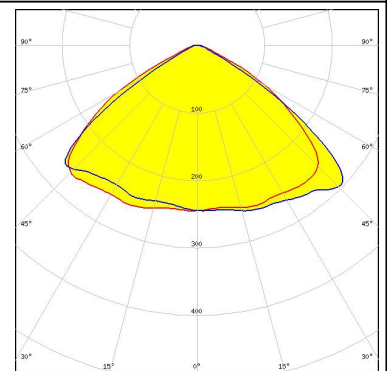
LED XP-L
FWHM 120.0 + 131.0°
Efficiency 94 %
Peak intensity 0.400 cd/lm
Required components:



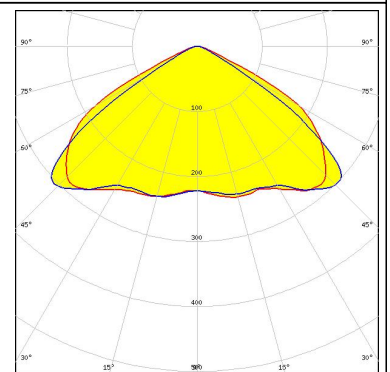
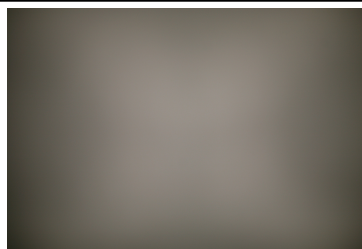
LED XP-L2
FWHM 125.0 + 117.0°
Efficiency 94 %
Peak intensity 0.400 cd/lm
Required components:



LED LUXEON M/MX
FWHM 120.0 + 115.0°
Efficiency 94 %
Peak intensity 0.410 cd/lm
Required components:



LED LUXEON MZ
FWHM 127.0 + 118.0°
Efficiency 94 %
Peak intensity 0.340 cd/lm
Required components:



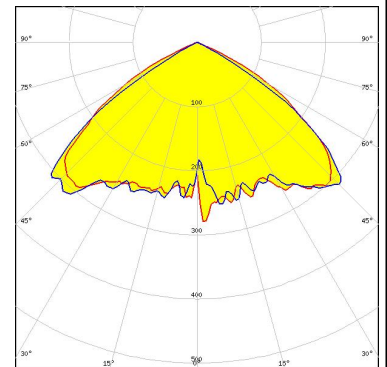
PHOTOMETRIC DATA (SIMULATED):

CREE 

LED MHB-A/B
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
Required components:

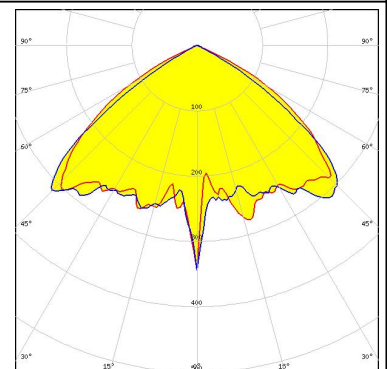
NICHIA 

LED NFMW48xA
FWHM 101.0 + 97.0°
Efficiency 92 %
Peak intensity 0.430 cd/lm
Required components:



OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
FWHM 110.0 + 106.0°
Efficiency 92 %
Peak intensity 0.423 cd/lm
Required components:



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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