

TINA2-R-CLIP16

Mini reflector with ~60° wide beam and clip installation

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	10.1 mm
Fastening	clips
ROHS compliant	yes ⓘ

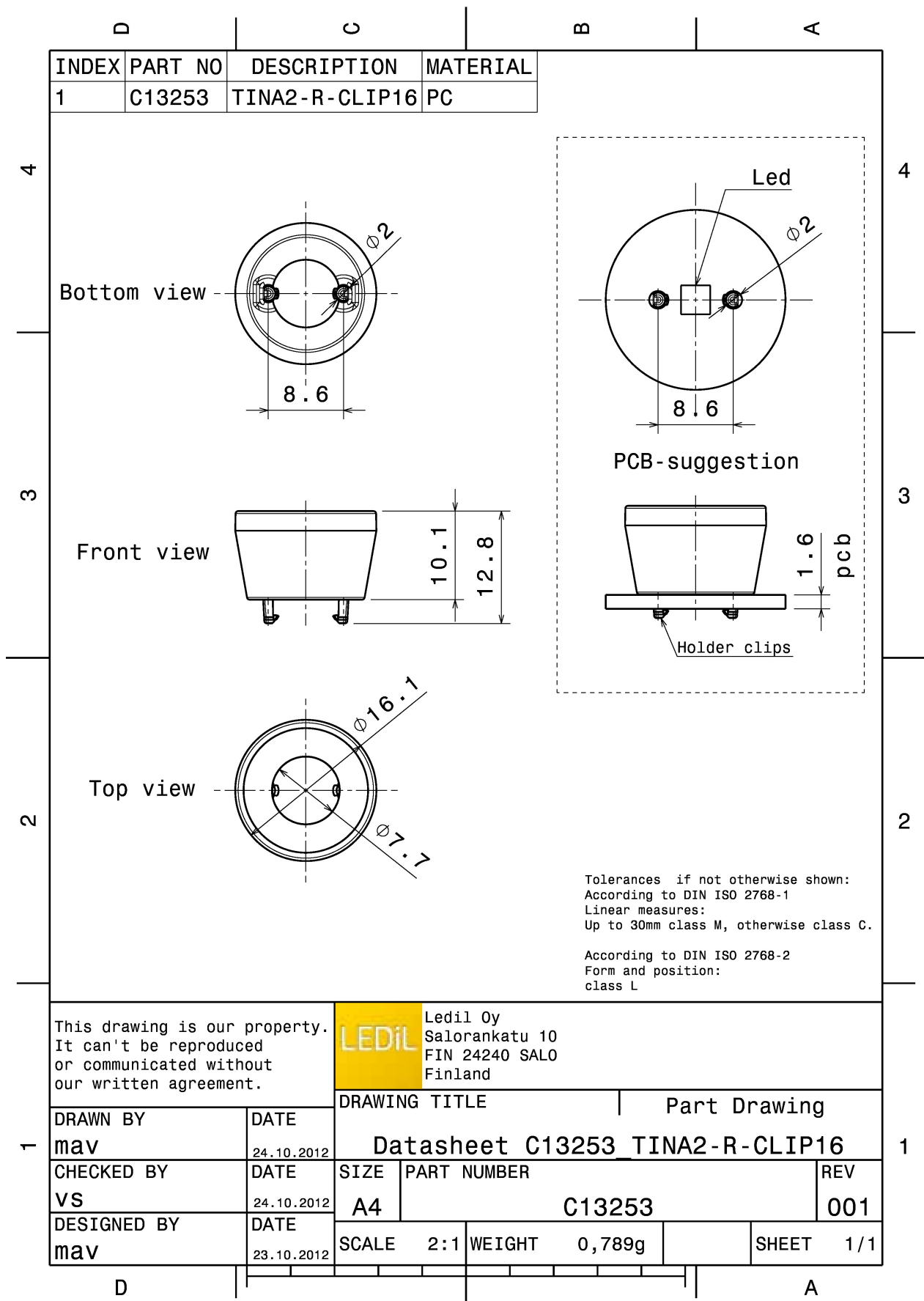
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish	Coating
TINA2-R-CLIP16	Reflector	HRPC	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13253_TINA2-R-CLIP16 » Box size: 300 x 250 x 250 mm		300	50	3.8



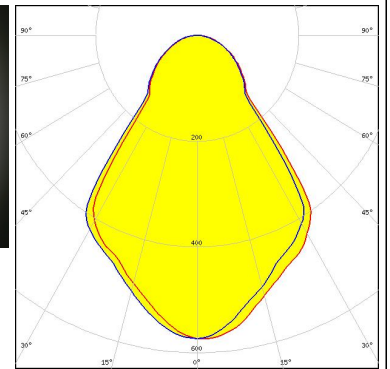


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

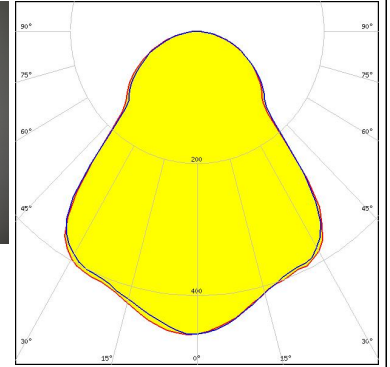
CREE LED

LED XB-D
FWHM / FWTM 73.0° / 135.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



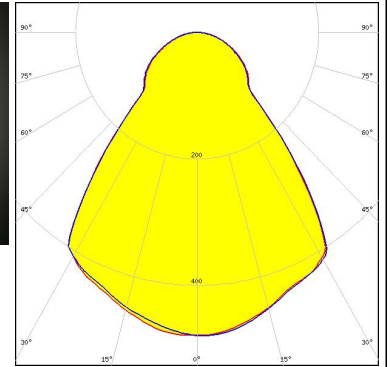
CREE LED

LED XB-H
FWHM / FWTM 81.0° / 151.0°
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



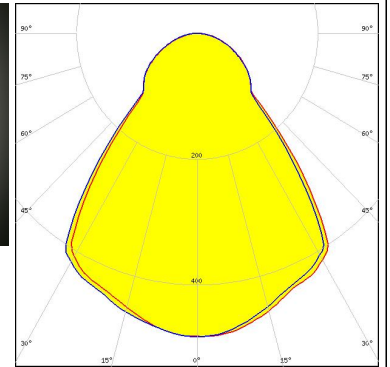
CREE LED

LED XM-L
FWHM / FWTM 78.0° / 142.0°
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

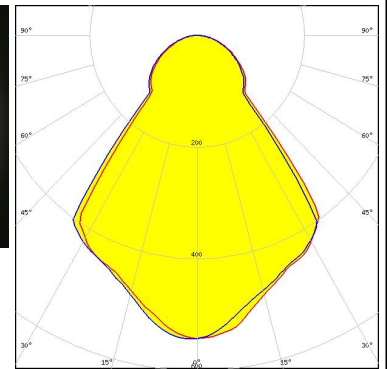
LED XM-L2
FWHM / FWTM 78.0° / 142.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

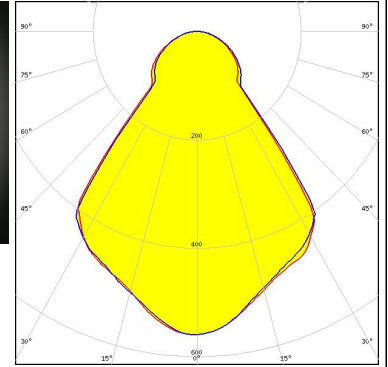
CREE LED

LED XP-E
FWHM / FWTM 74.0° / 138.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



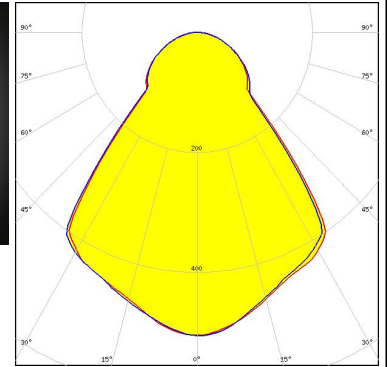
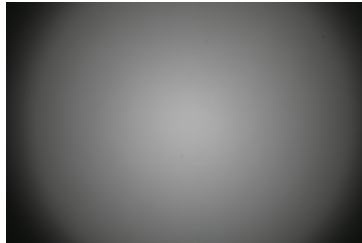
CREE LED

LED XP-E2
FWHM / FWTM 74.0° / 136.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



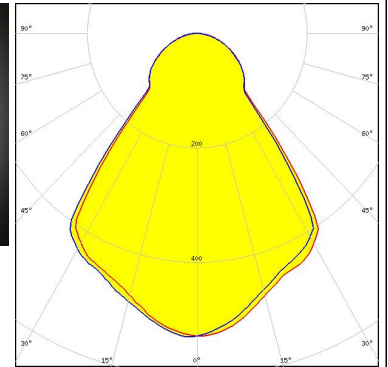
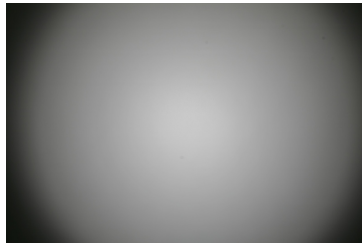
CREE LED

LED XP-G
FWHM / FWTM 77.0° / 141.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

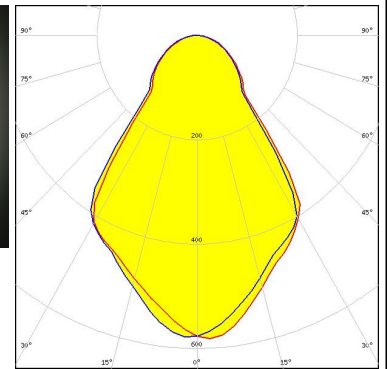
LED XP-G2
FWHM / FWTM 75.0° / 138.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



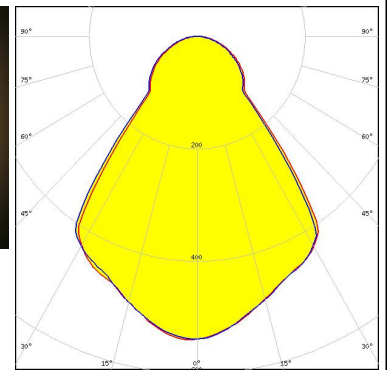
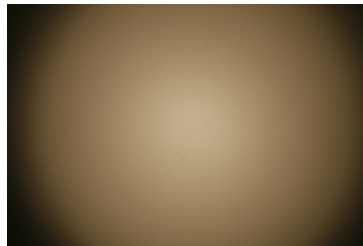
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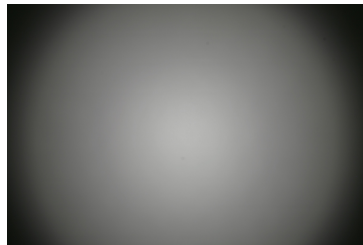
LED XT-E
FWHM / FWTM 71.0° / 133.0°
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



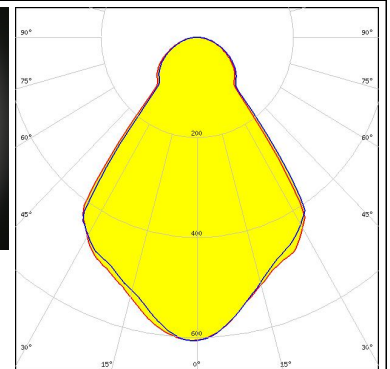
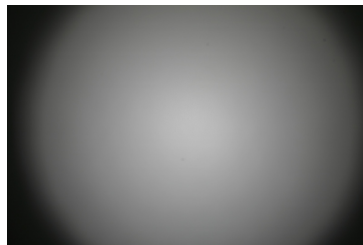
LED LUXEON A
FWHM / FWTM 75.0° / 138.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON R
FWHM / FWTM 75.0° / 136.7°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



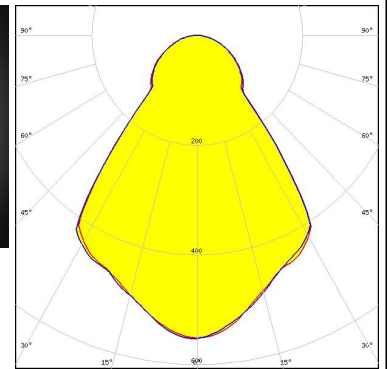
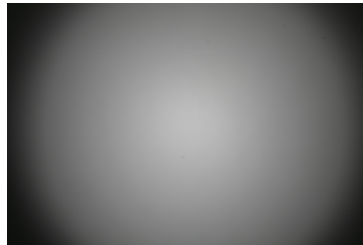
LED LUXEON Rebel
FWHM / FWTM 72.0° / 131.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



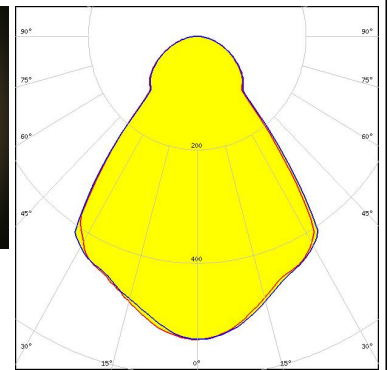
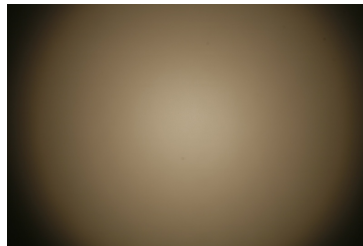
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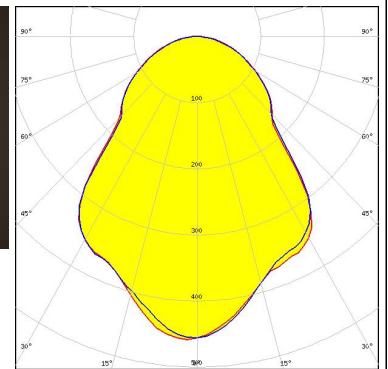
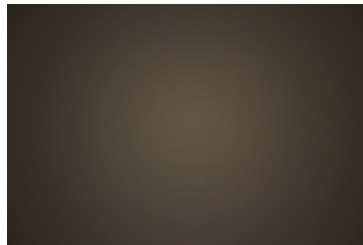
LED LUXEON Rebel ES
FWHM / FWTM 74.0° / 137.0°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



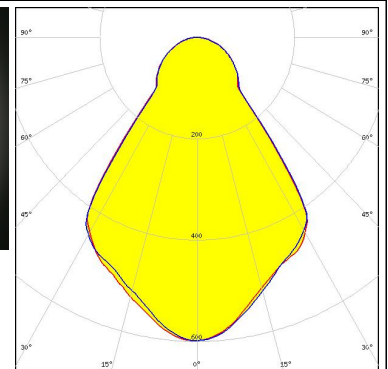
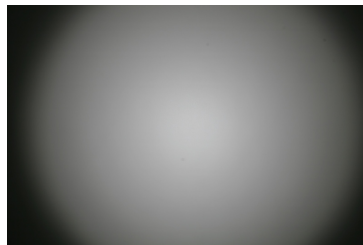
LED LUXEON T
FWHM / FWTM 75.0° / 137.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM / FWTM 81.0° / 151.0°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



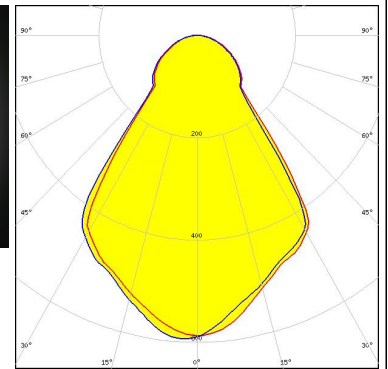
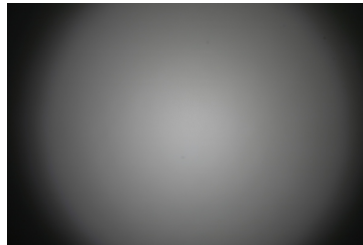
LED NCSxx19A
FWHM / FWTM 72.0° / 132.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



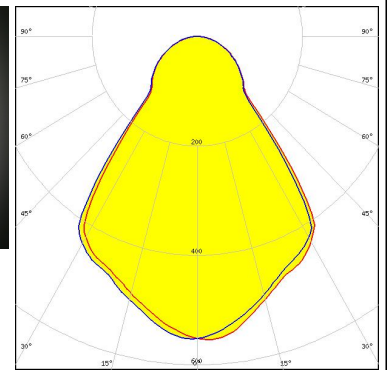
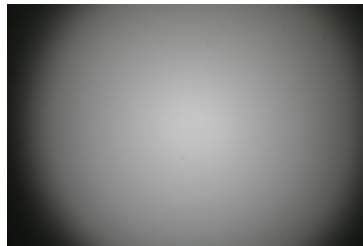
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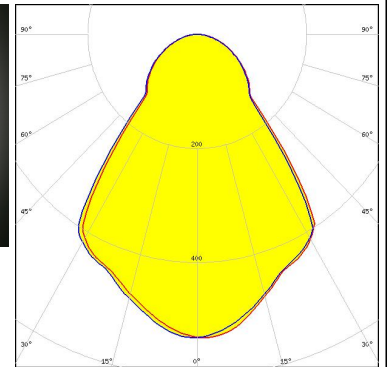
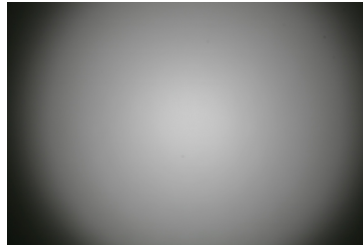
LED NF2x757A
 FWHM / FWTM 72.0° / 135.0°
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



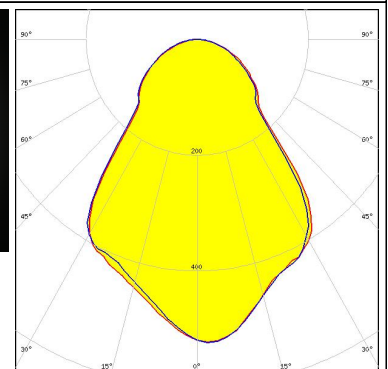
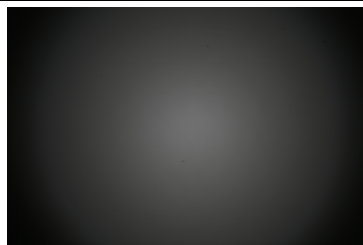
LED NVSxx19A
 FWHM / FWTM 74.0° / 136.0°
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 74.0° / 139.0°
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S5 (2 chip)
 FWHM / FWTM 76.0° / 144.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

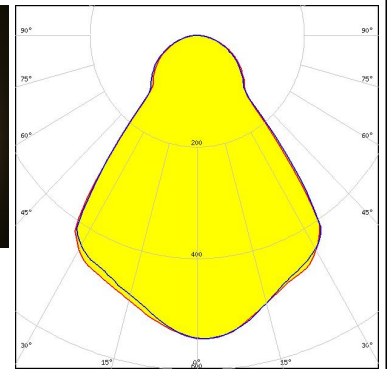
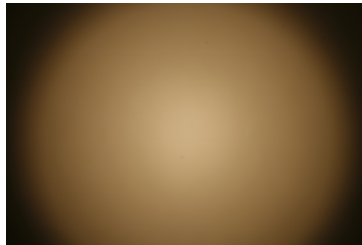


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

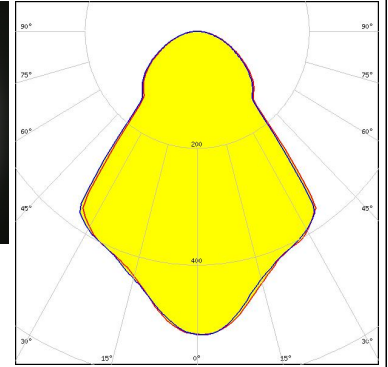
LED OSLON Square EC
FWHM / FWTM 75.0° / 138.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

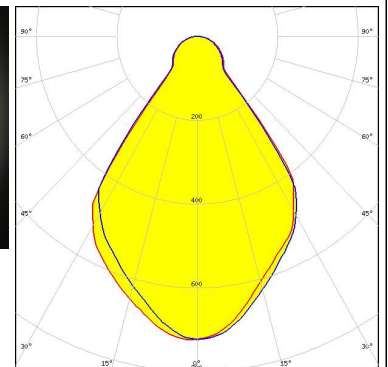
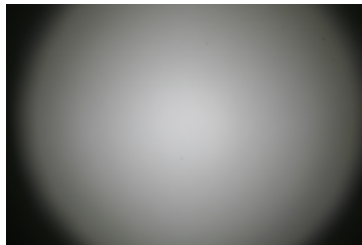
LED OSLON SSL 150
FWHM / FWTM 75.0° / 140.0°
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

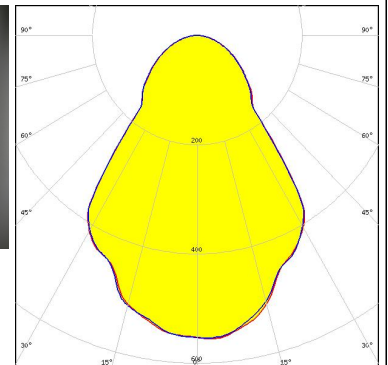
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 71.0° / 108.0°
Efficiency 91 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y15
FWHM / FWTM 72.0° / 137.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



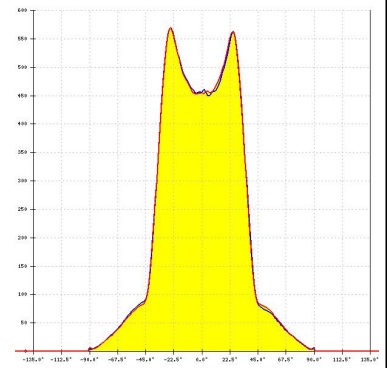
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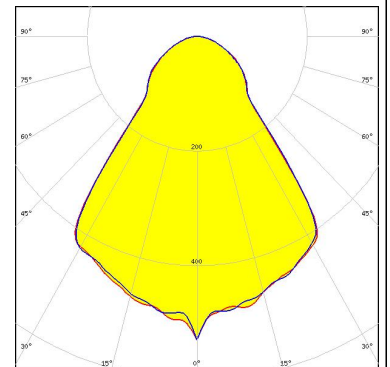
PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM / FWTM 73.0° / 120.0°
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

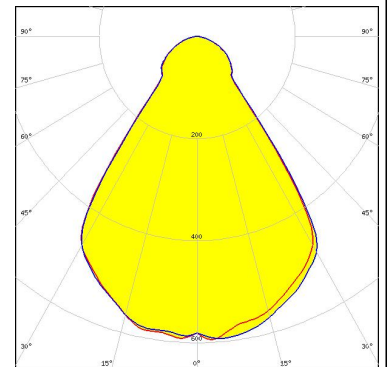


LED OSCONIQ P 3030
FWHM / FWTM 74.0° / 134.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

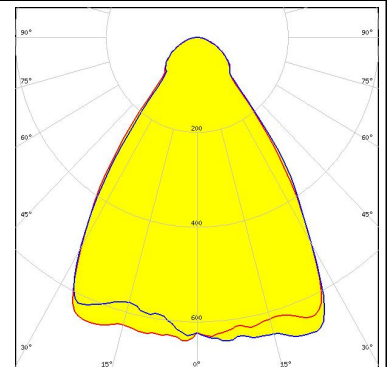


LED OSLON Black
FWHM / FWTM 71.0° / 125.0°
Efficiency 80 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



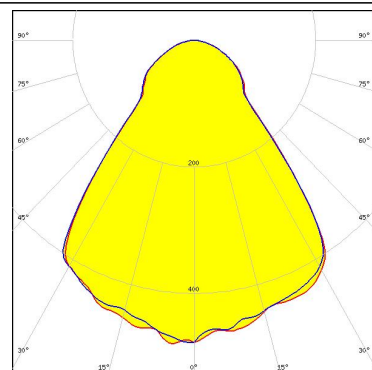
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 65.0° / 116.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

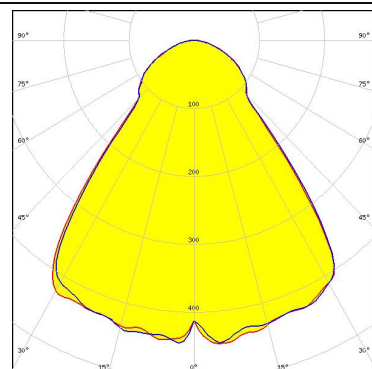
SAMSUNG

LED LH351B
FWHM / FWTM 78.0° / 138.0°
Efficiency 87 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351C
FWHM / FWTM 79.0° / 140.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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