

LARISA-O-CLIP16

~40° x 20° oval beam. Clip fastening for 1.6 mm thick PCB.

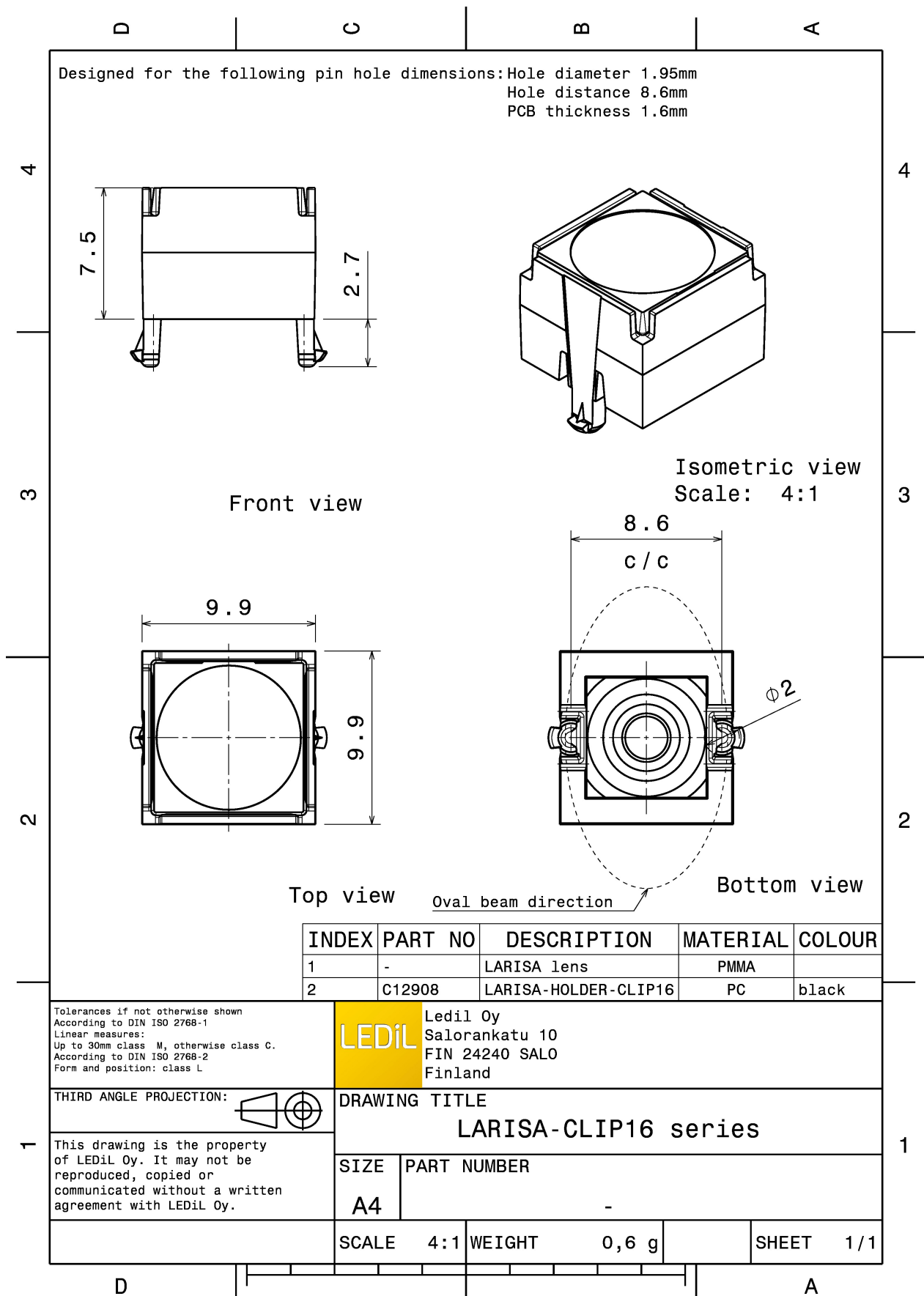
TECHNICAL SPECIFICATIONS:

Dimensions	9.9 mm
Height	7.5 mm
Fastening	clips
Colour	black
Box size	300 x 260 x 260 mm
Box weight	6.6 kg
Quantity in Box	10000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

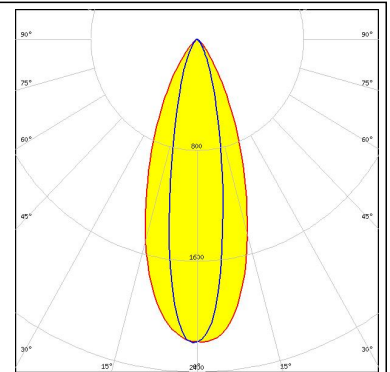
Component	Type	Material	Colour
LARISA-O	Single lens	PMMA	clear
LARISA-HOLDER-CLIP16	Holder	PC	black



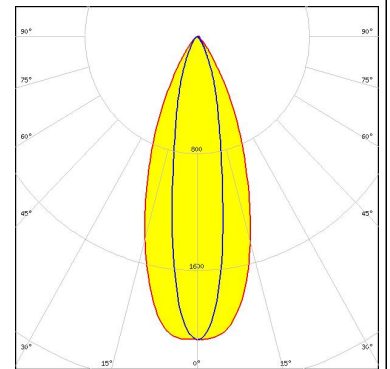
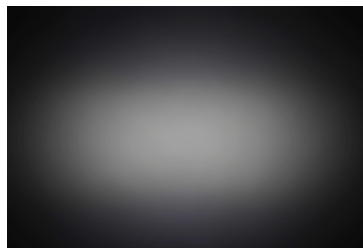
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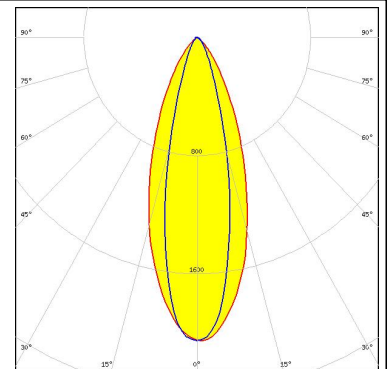
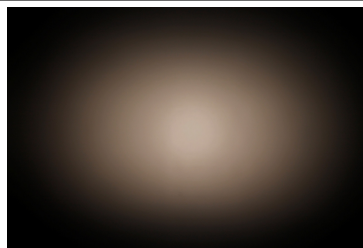
LED XB-D
FWHM 39.0 + 21.0°
Efficiency 80 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



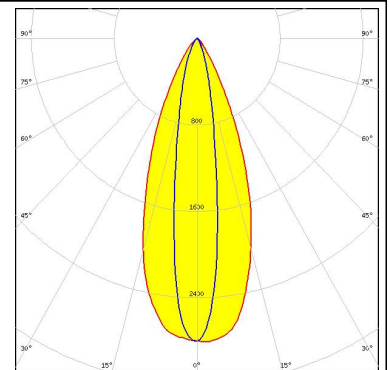
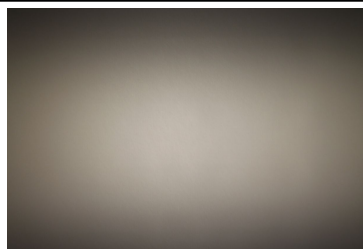
LED XD16
FWHM 40.0 + 20.0°
Efficiency 75 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 39.0 + 25.0°
Efficiency 83 %
Peak intensity 2.050 cd/lm
LEDs/each optic 1
Light colour White
Required components:



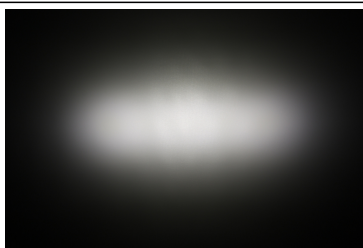
LED XQ-E HD
FWHM 40.0 + 17.0°
Efficiency 82 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



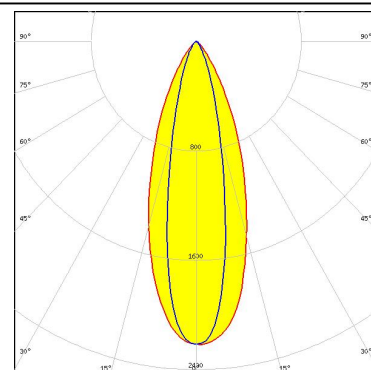
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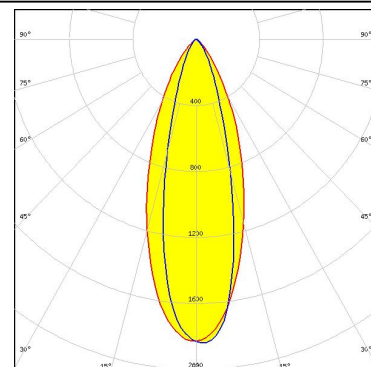
LED XQ-E HI
FWHM 43.0 + 14.0°
Efficiency 74 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



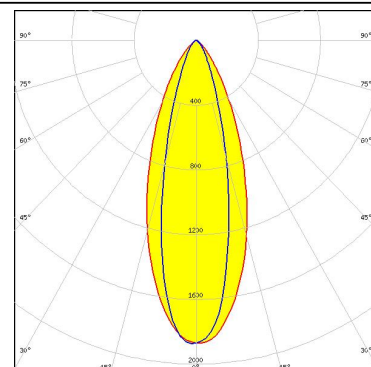
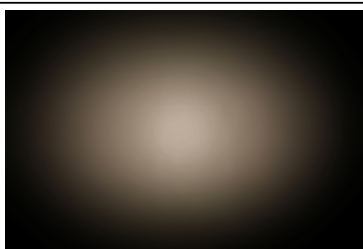
LED H35B0 (LEMWA32)
FWHM 38.0 + 22.0°
Efficiency 82 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED H35C0 (LEMWA33)
FWHM 39.0 + 27.0°
Efficiency 81 %
Peak intensity 1.840 cd/lm
LEDs/each optic 1
Light colour White
Required components:



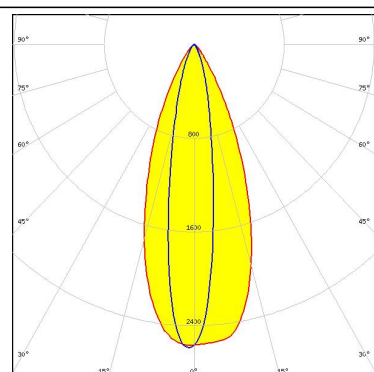
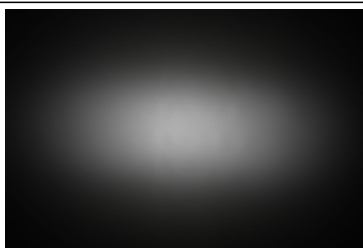
LED LUXEON A
FWHM 39.0 + 26.0°
Efficiency 81 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



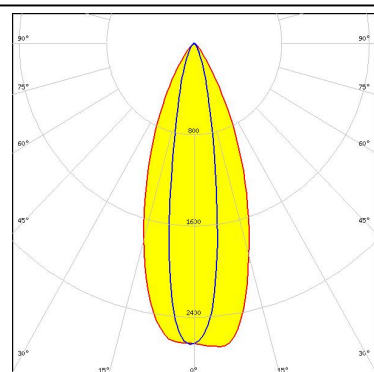
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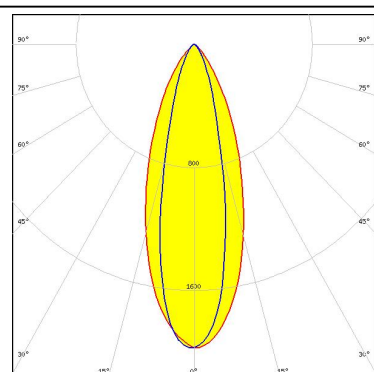
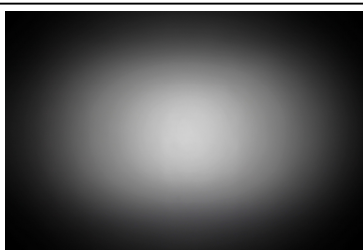
LED LUXEON C
FWHM 40.0 + 18.0°
Efficiency 79 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



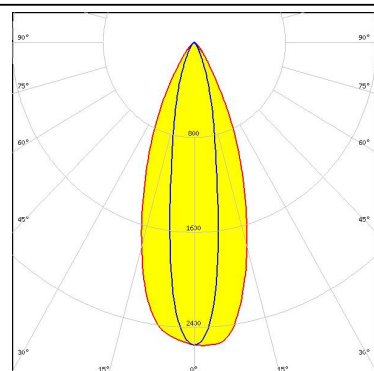
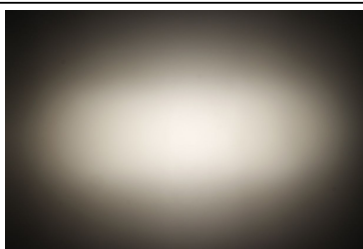
LED LUXEON Rebel
FWHM 40.0 + 18.0°
Efficiency 84 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel ES
FWHM 39.0 + 25.0°
Efficiency 82 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



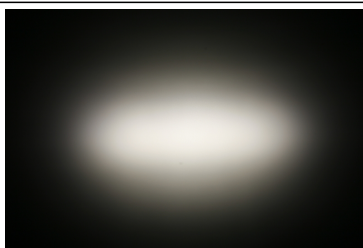
LED LUXEON Rebel Plus
FWHM 40.0 + 19.0°
Efficiency 83 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



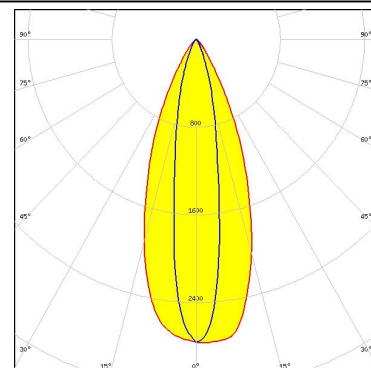
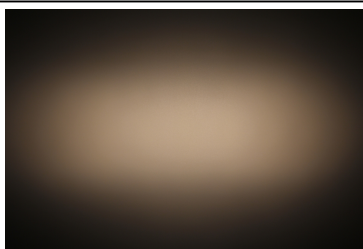
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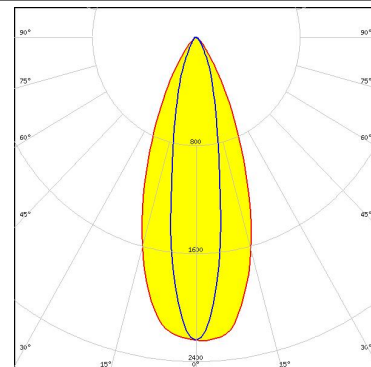
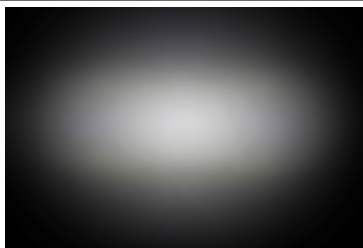
LED LUXEON Z
FWHM 41.0 + 14.0°
Efficiency 81 %
Peak intensity 3.540 cd/lm
LEDs/each optic 1
Light colour White
Required components:



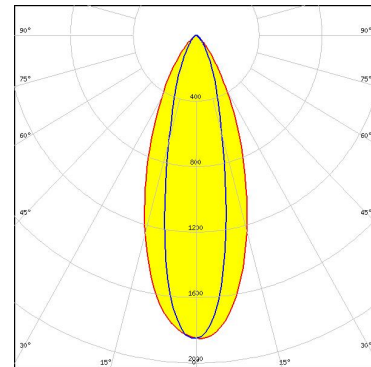
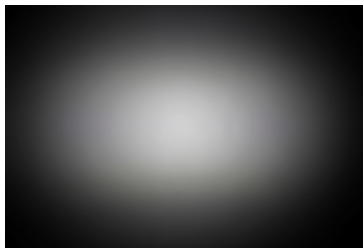
LED LUXEON Z ES
FWHM 40.0 + 18.0°
Efficiency 86 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19A
FWHM 41.0 + 19.0°
Efficiency 81 %
Peak intensity 2.250 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM 40.0 + 24.0°
Efficiency 79 %
Peak intensity 1.850 cd/lm
LEDs/each optic 1
Light colour White
Required components:

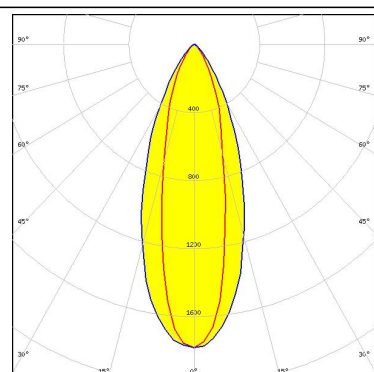
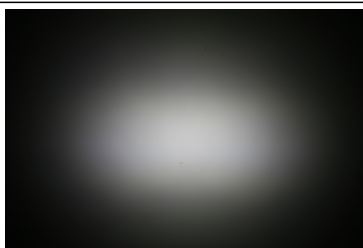


PHOTOMETRIC DATA (MEASURED):

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Opto Semiconductors

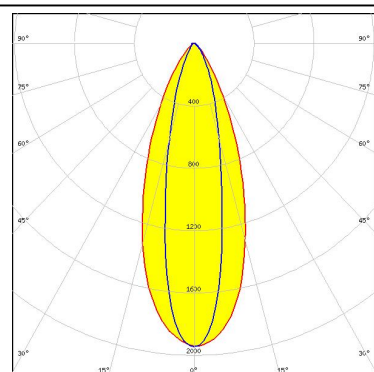
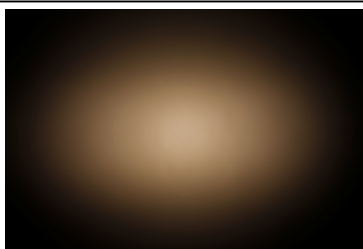
LED Duris S5 (2 chip)
FWHM 26.0 + 41.0°
Efficiency 79 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

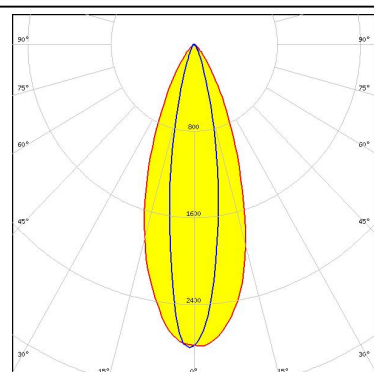
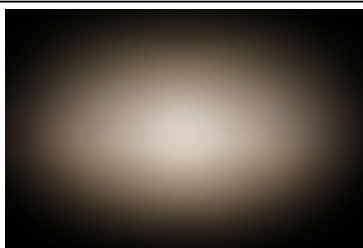
LED Oslon Square EC
FWHM 40.0 + 22.0°
Efficiency 78 %
Peak intensity 1.950 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

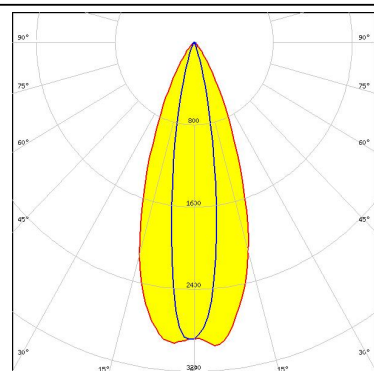
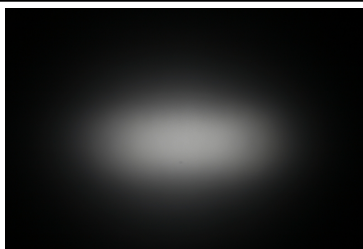
LED Oslon SSL 150
FWHM 39.0 + 19.0°
Efficiency 84 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

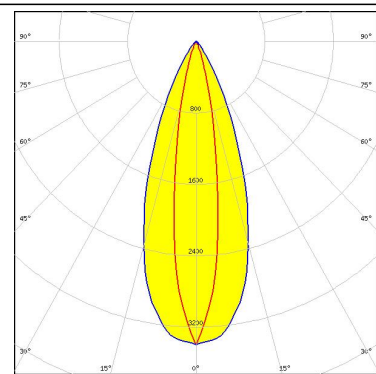
LED Oslon SSL 80
FWHM 40.0 + 17.0°
Efficiency 77 %
Peak intensity 2.530 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XP-E
FWHM 39.0 + 17.0°
Efficiency 89 %
Peak intensity cd/m
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.

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