

LARISA-M-CLIP16

~30° medium beam. Clip fastening for 1.6 mm thick PCB.

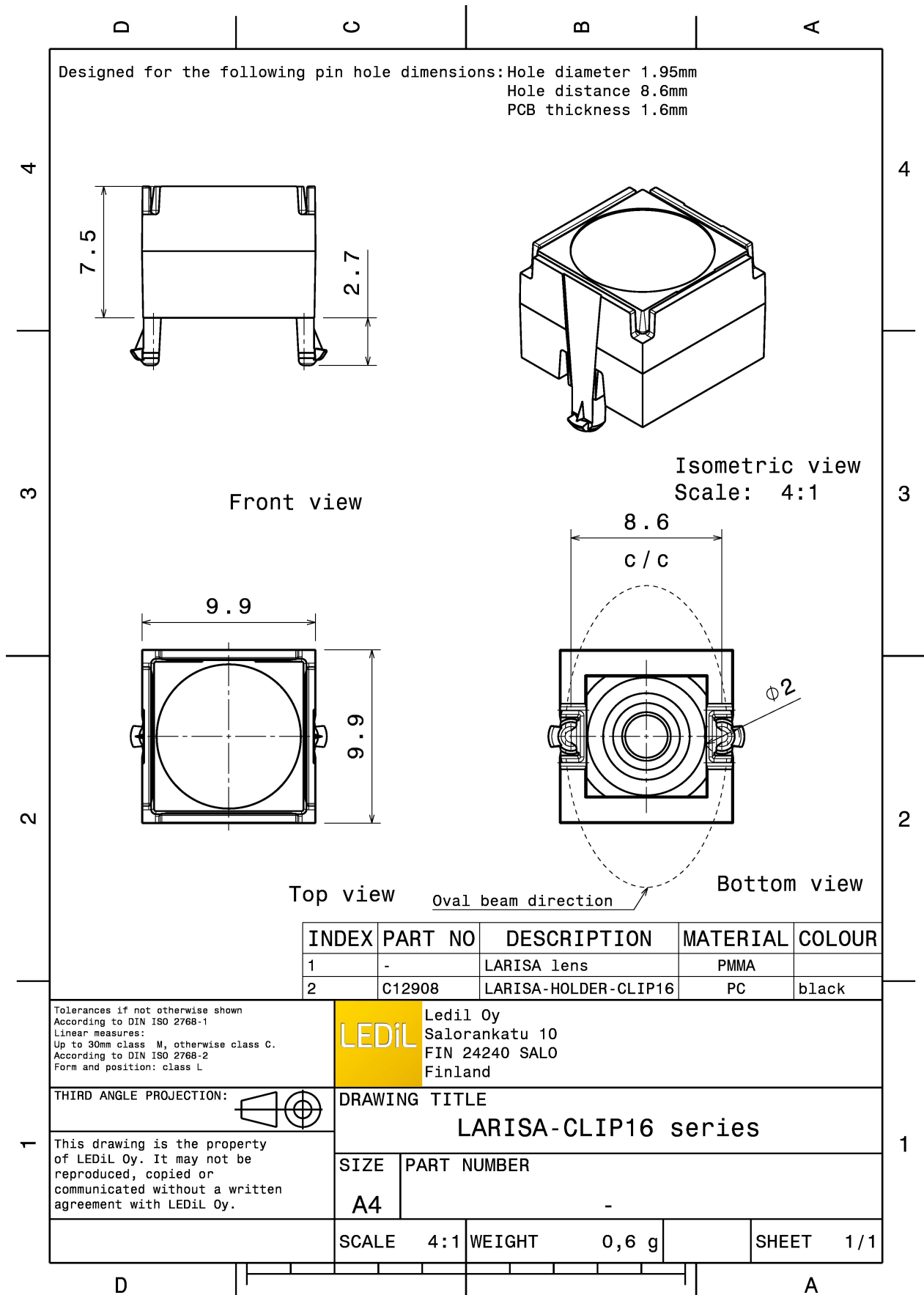
TECHNICAL SPECIFICATIONS:

Dimensions	9.9 mm
Height	7.5 mm
Fastening	clips
Colour	black
Box size	300 x 250 x 250 mm
Box weight	6.6 kg
Quantity in Box	10000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

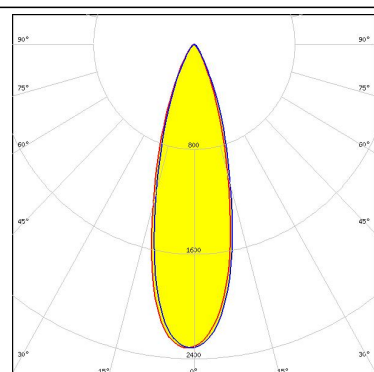
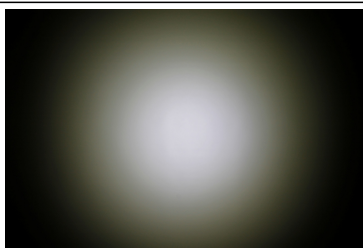
Component	Type	Material	Colour
LARISA-M	Single lens	PMMA	clear
LARISA-HOLDER-CLIP16	Holder	PC	black



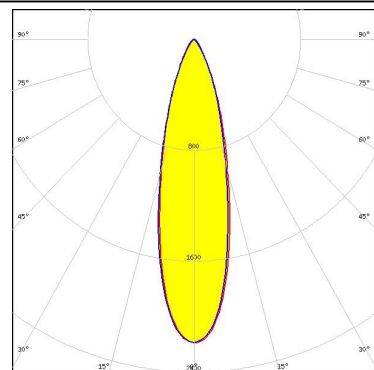
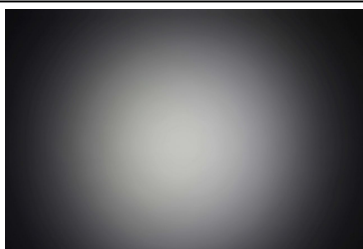
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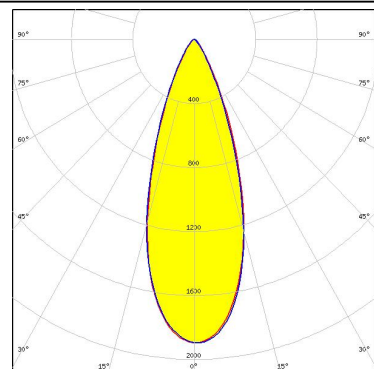
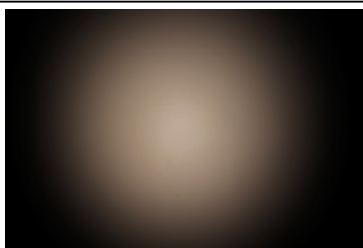
LED XB-D
FWHM 30.0°
Efficiency 84 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



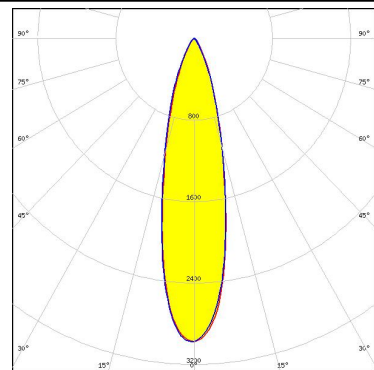
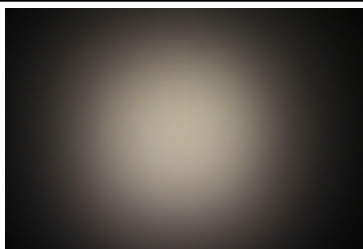
LED XD16
FWHM 27.0°
Efficiency 74 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 36.0°
Efficiency 88 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



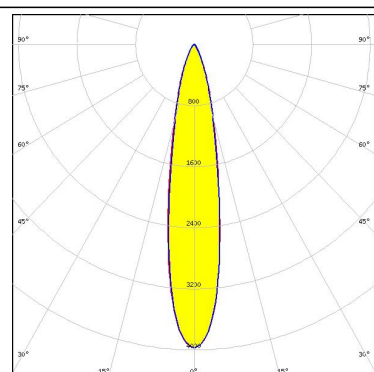
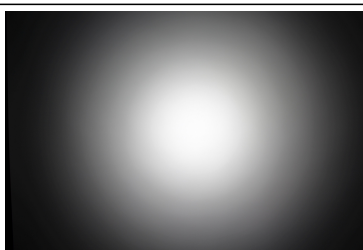
LED XQ-E HD
FWHM 25.0°
Efficiency 86 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



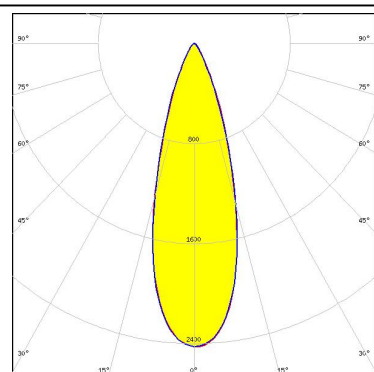
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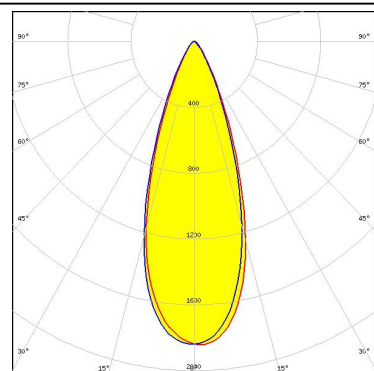
LED XQ-E HI
FWHM 19.0°
Efficiency 79 %
Peak intensity 3.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



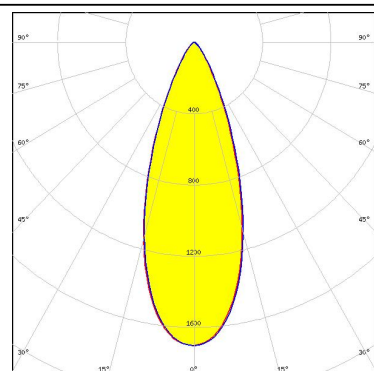
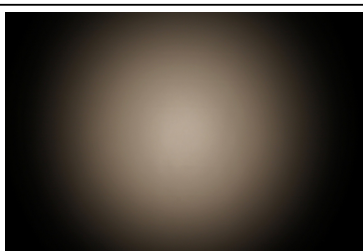
LED H35B0 (LEMWA32)
FWHM 31.0°
Efficiency 89 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED H35C0 (LEMWA33)
FWHM 37.0°
Efficiency 87 %
Peak intensity 1.840 cd/lm
LEDs/each optic 1
Light colour White
Required components:



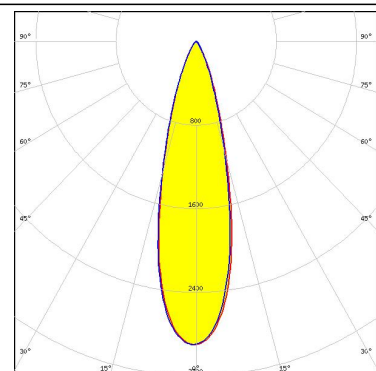
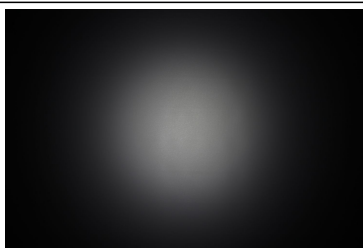
LED LUXEON A
FWHM 37.0°
Efficiency 86 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

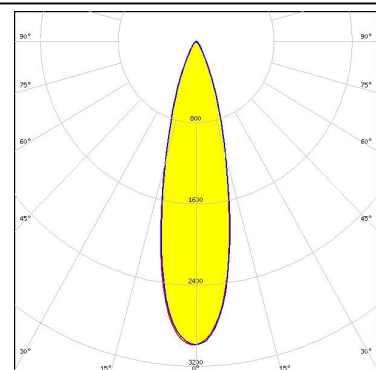
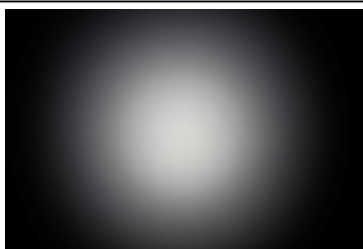
LUMILEDS

LED LUXEON C
FWHM 27.0°
Efficiency 85 %
Peak intensity 2.910 cd/lm
LEDs/each optic 1
Light colour White
Required components:



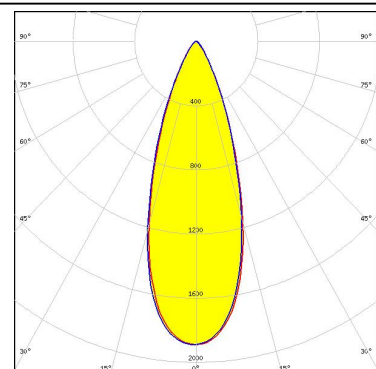
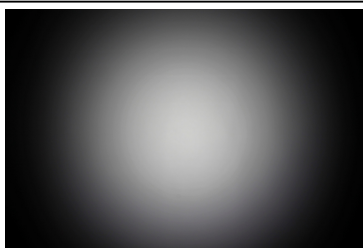
LUMILEDS

LED LUXEON Rebel
FWHM 26.0°
Efficiency 88 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON Rebel ES
FWHM 35.0°
Efficiency 87 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

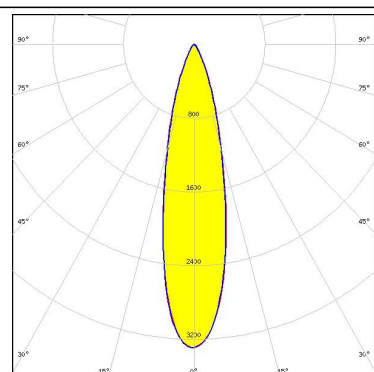
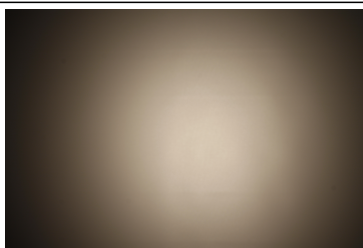
LED LUXEON Z
FWHM 19.0°
Efficiency 84 %
Peak intensity 5.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



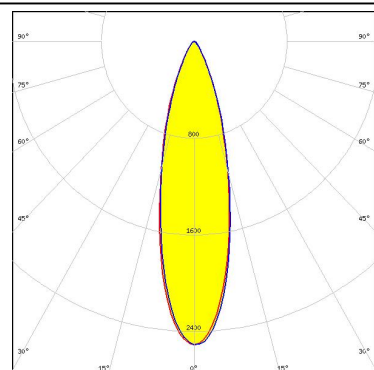
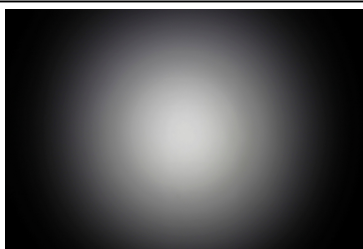
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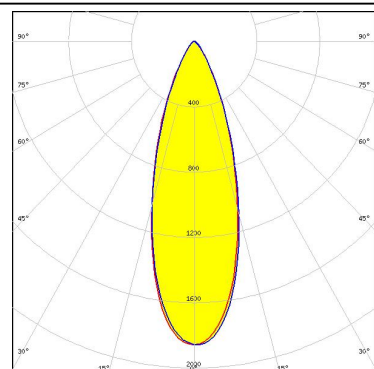
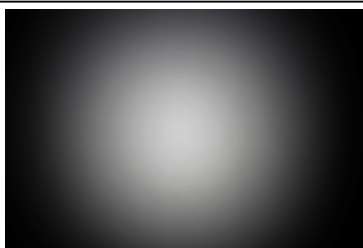
LED LUXEON Z ES
FWHM 24.0°
Efficiency 88 %
Peak intensity 3.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



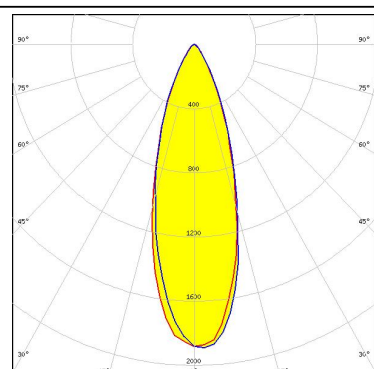
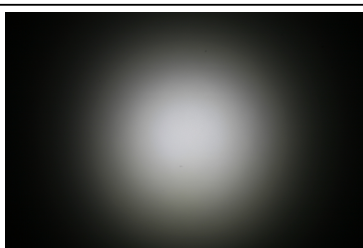
LED NCSxx19A
FWHM 27.0°
Efficiency 84 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM 34.0°
Efficiency 84 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



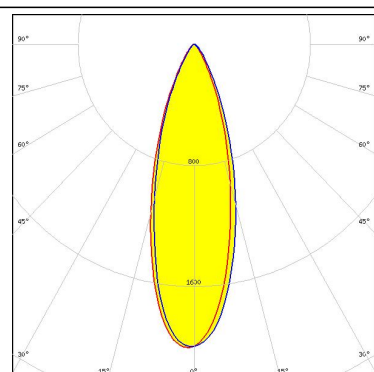
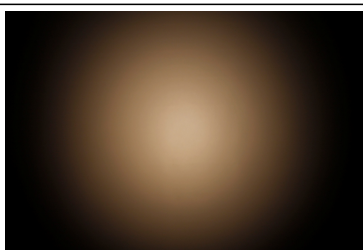
LED Duris S5 (2 chip)
FWHM 34.0°
Efficiency 80 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

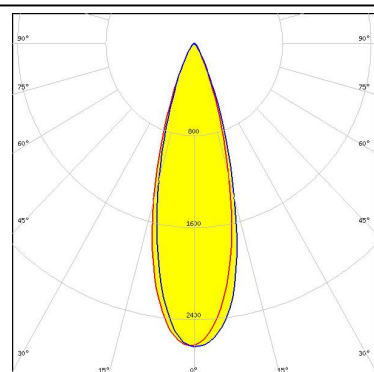
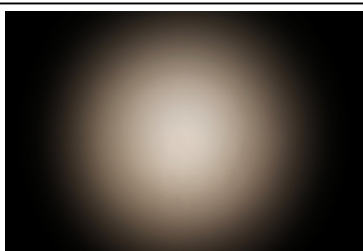
OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM 31.0°
Efficiency 83 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



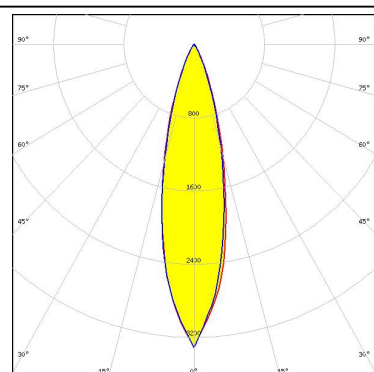
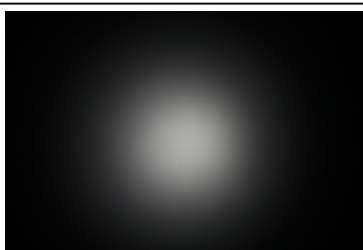
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 30.0°
Efficiency 88 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

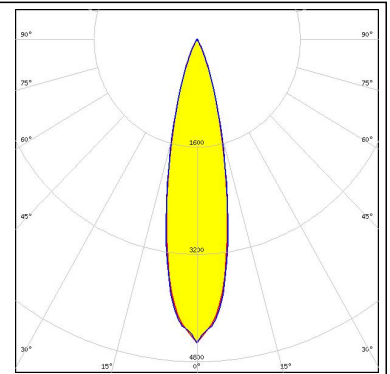
LED OSLON SSL 80
FWHM 25.0°
Efficiency 82 %
Peak intensity 2.910 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XP-E
FWHM 23.0°
Efficiency 94 %
Peak intensity 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:

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salu, Finland
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