

LARISA-O-CLIP8

~40° x 20° oval beam. Clip fastening for 0.8 mm thick PCB.

TECHNICAL SPECIFICATIONS:

Dimensions	9.9 x 9.9 mm
Height	7.5 mm
Fastening	clips
ROHS compliant	yes ⓘ

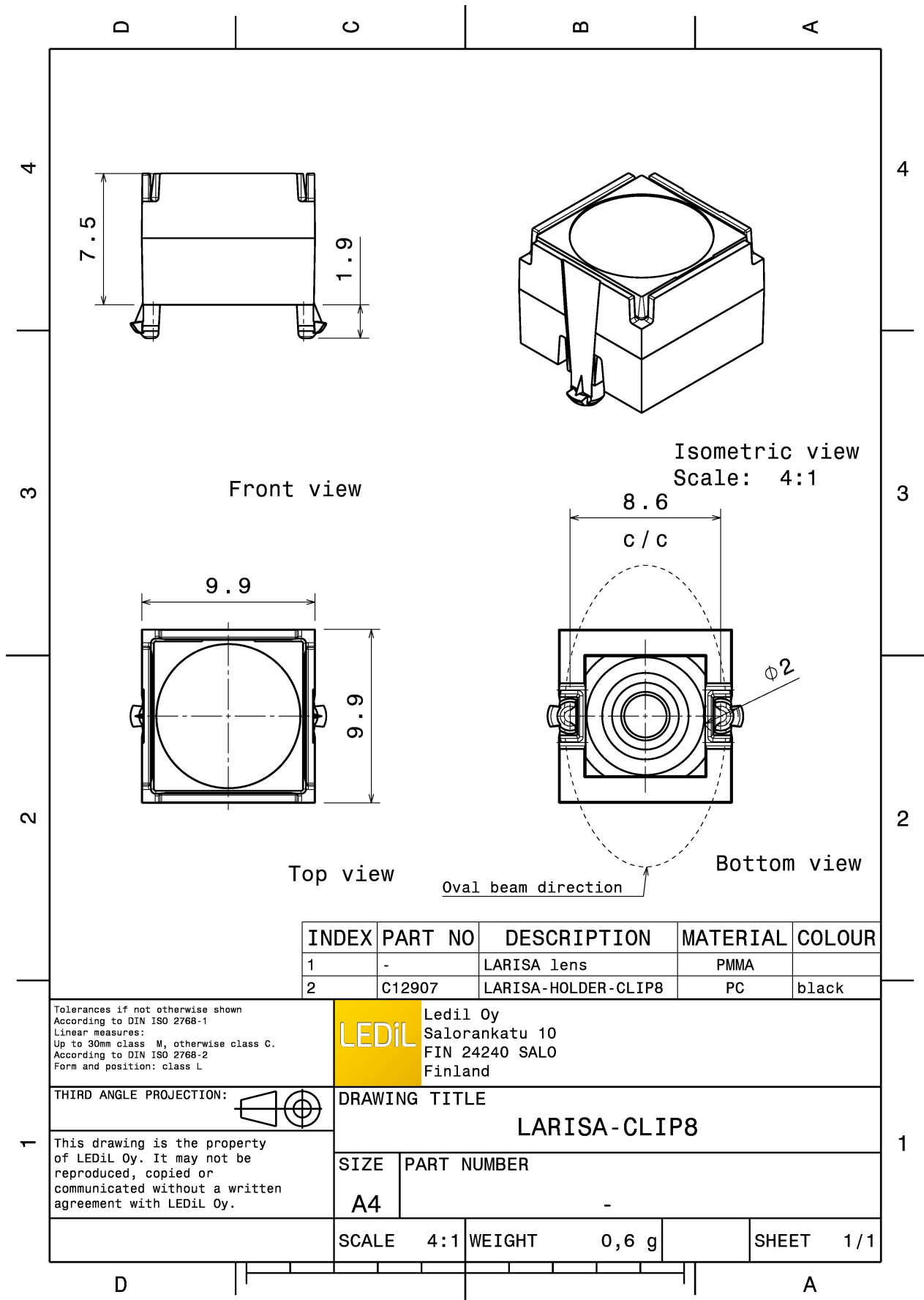


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LARISA-O	Single lens	PMMA	clear	
LARISA-HOLDER-CLIP8	Holder	PC	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP12942_LARISA-O-CLIP8 » Box size: 300 x 250 x 250 mm	Single lens	10000	300	100	6.8



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LARISA lens	PMMA	
2	C12907	LARISA-HOLDER-CLIP8	PC	black

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 Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LARISA-CLIP8

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SIZE	PART NUMBER
A4	-

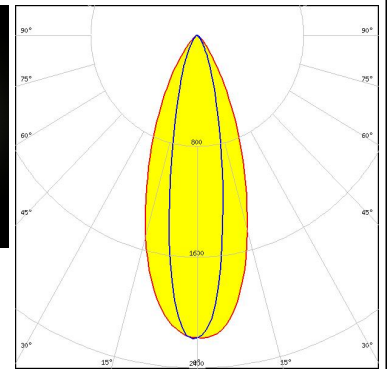
SCALE	4:1	WEIGHT	0,6 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

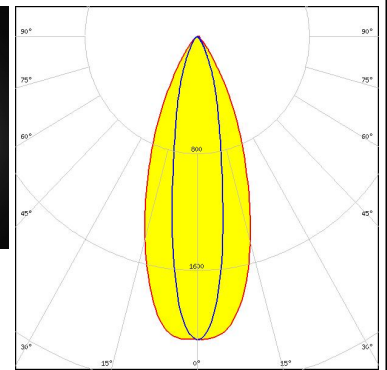
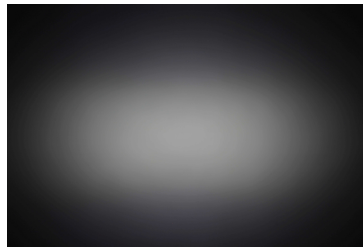
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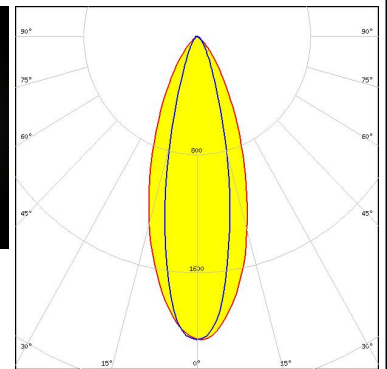
LED XB-D
 FWHM / FWTM 39.0 + 21.0° / 73.0 + 49.0°
 Efficiency 79 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



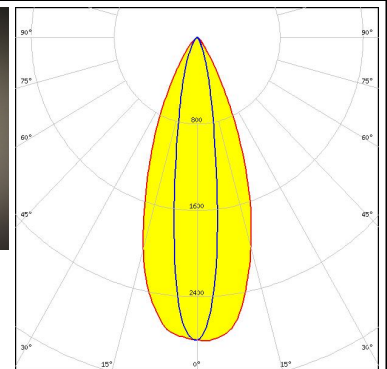
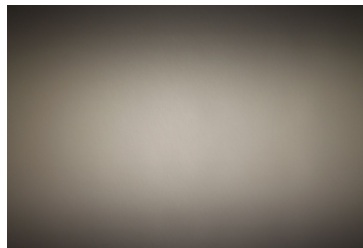
LED XD16
 FWHM / FWTM 40.0 + 20.0° / 72.0 + 51.0°
 Efficiency 75 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




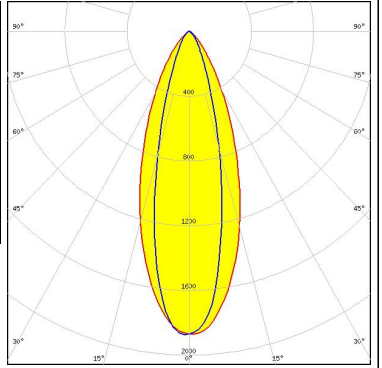

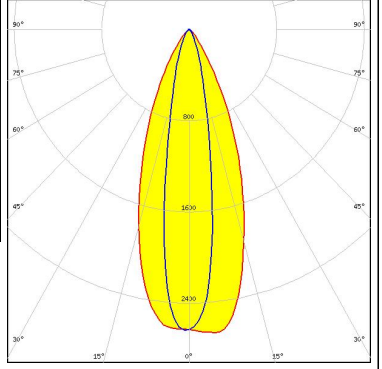
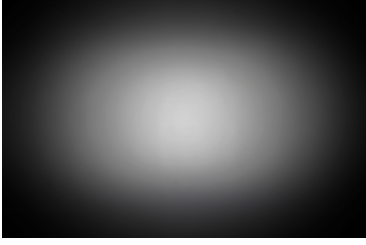
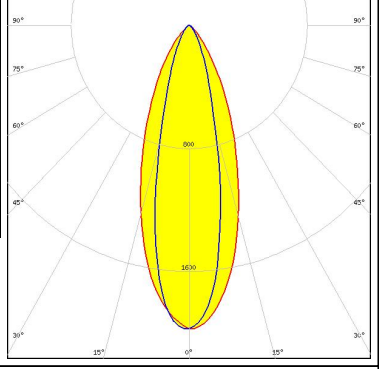
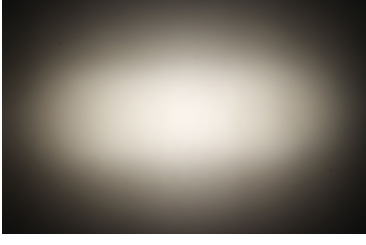
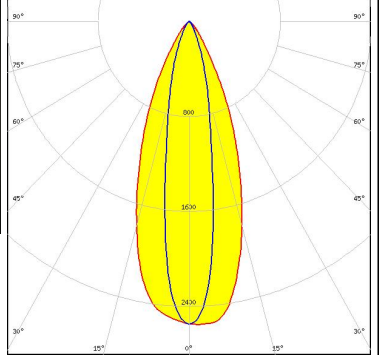
LED XP-G
 FWHM / FWTM 39.0 + 25.0° / 76.0 + 51.0°
 Efficiency 83 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HD
 FWHM / FWTM 40.0 + 17.0° / 68.0 + 42.0°
 Efficiency 82 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON A</p> <p>FWHM / FWTM 39.0 + 26.0° / 78.0 + 55.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel</p> <p>FWHM / FWTM 40.0 + 18.0° / 70.0 + 42.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel ES</p> <p>FWHM / FWTM 39.0 + 25.0° / 77.0 + 54.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel Plus</p> <p>FWHM / FWTM 40.0 + 19.0° / 69.0 + 46.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

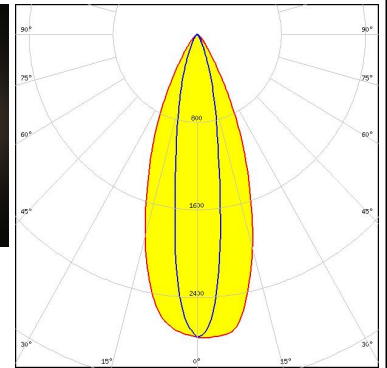
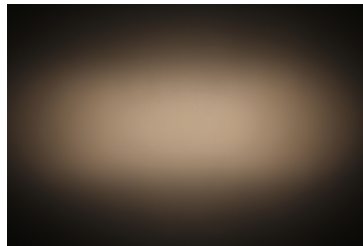
LUMILEDS

LED LUXEON Z
 FWHM / FWTM 41.0 + 14.0° / 62.0 + 36.0°
 Efficiency 81 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



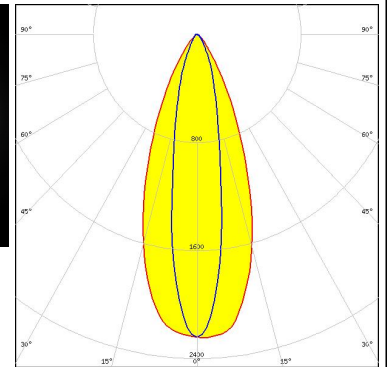
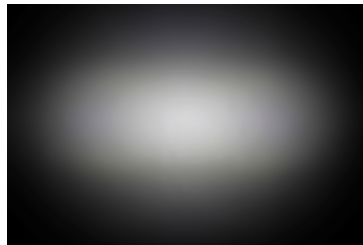
LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 40.0 + 18.0° / 68.0 + 44.0°
 Efficiency 86 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



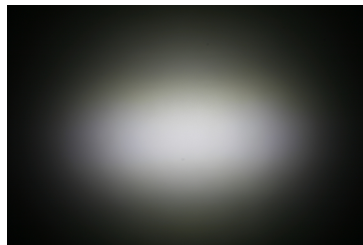
NICHIA

LED NCSxx19A
 FWHM / FWTM 41.0 + 19.0° / 71.0 + 50.0°
 Efficiency 81 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


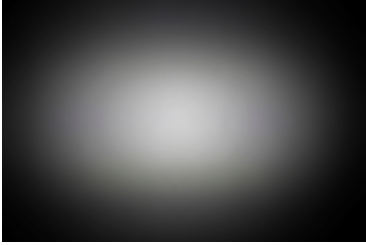
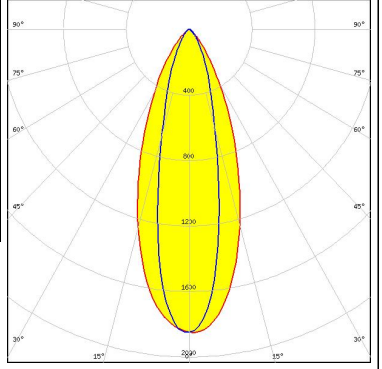
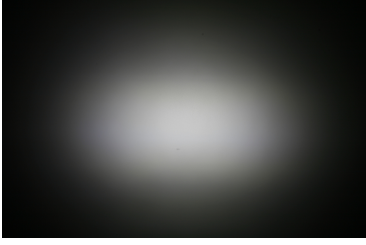
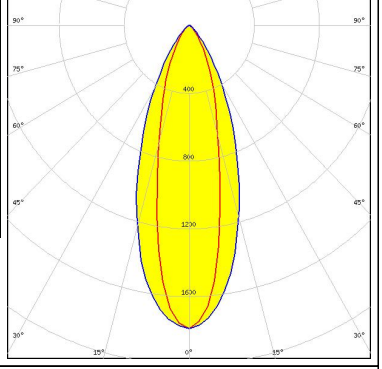

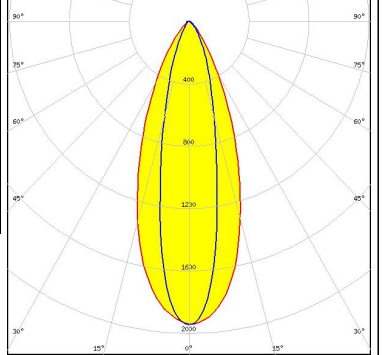


NICHIA

LED NF2x757A
 FWHM / FWTM 41.0 + 33.0° / 75.0 + 60.0°
 Efficiency 78 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

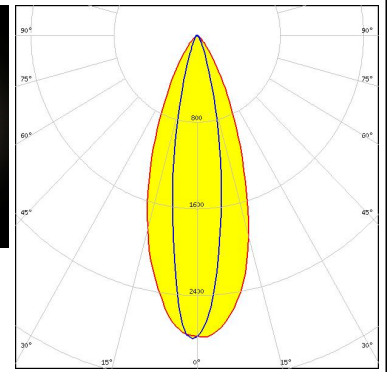
<p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 42.0 + 25.0° / 80.0 + 70.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 40.0 + 24.0° / 77.0 + 57.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip)</p> <p>FWHM / FWTM 26.0 + 41.0° / 63.0 + 77.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOn Square EC</p> <p>FWHM / FWTM 40.0 + 22.0° / 74.0 + 55.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

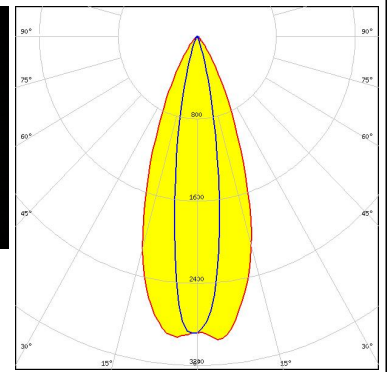
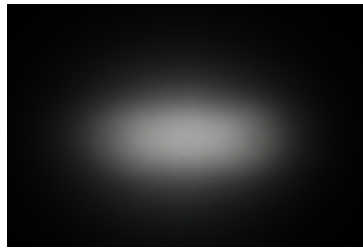
LED OSLON SSL 150
 FWHM / FWTM 39.0 + 19.0° / 70.0 + 40.0°
 Efficiency 84 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

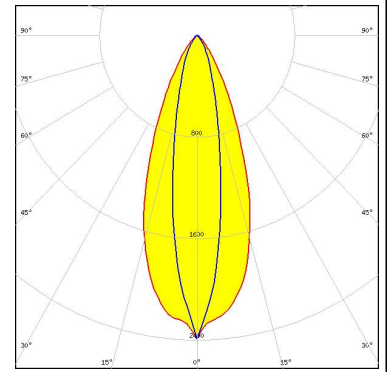
LED OSLON SSL 80
 FWHM / FWTM 40.0 + 17.0° / 70.0 + 48.0°
 Efficiency 77 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



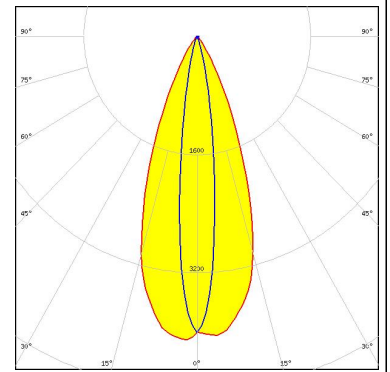
PHOTOMETRIC DATA (SIMULATED):



LED J Series 2835
FWHM / FWTM 40.0 + 19.0° / 72.0 + 50.0°
Efficiency 82 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM / FWTM 40.0 + 14.0° / 64.0 + 29.0°
Efficiency 89 %
Peak intensity 4.1 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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