

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 ⓘ

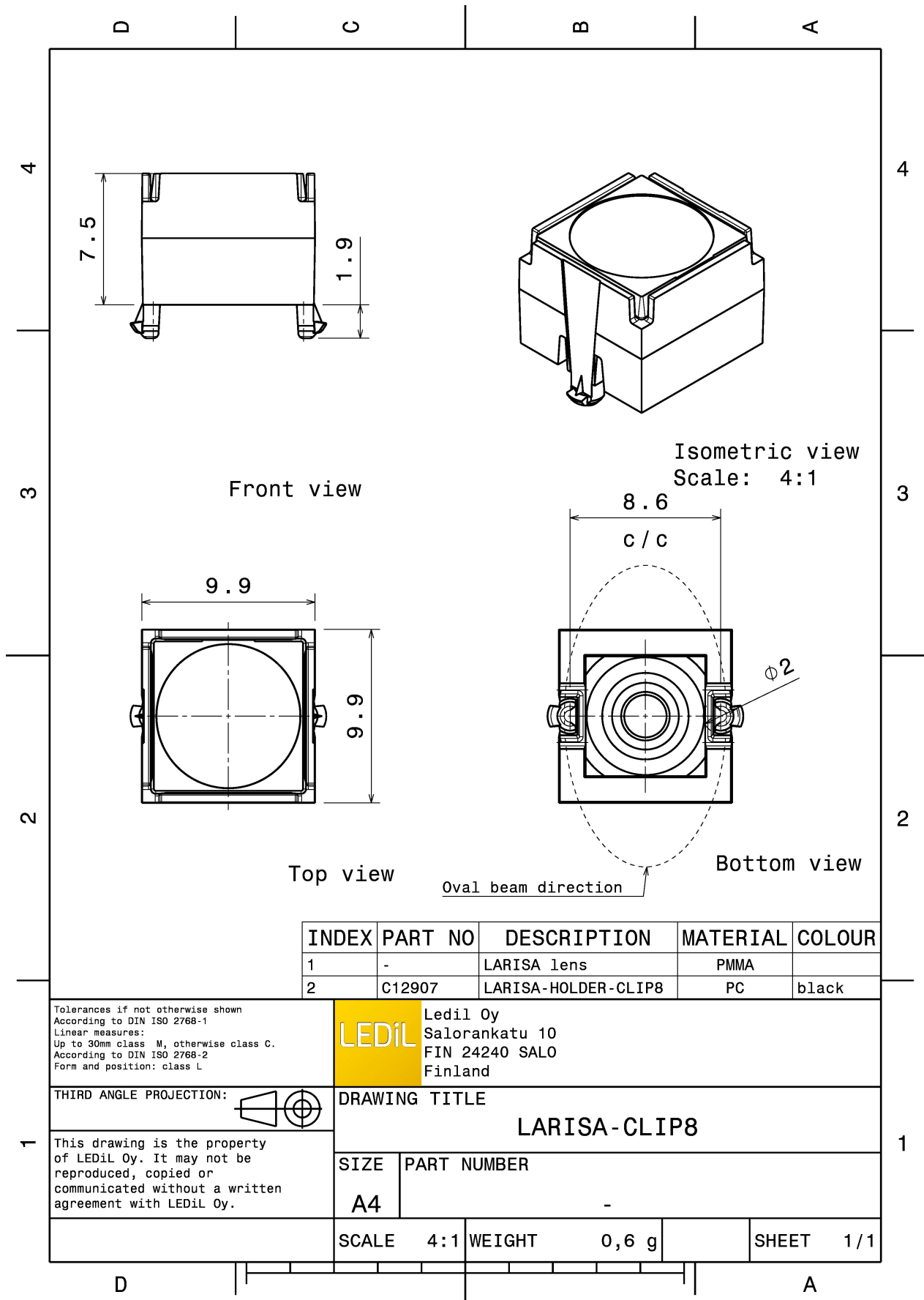


MATERIAL SPECIFICATIONS:

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


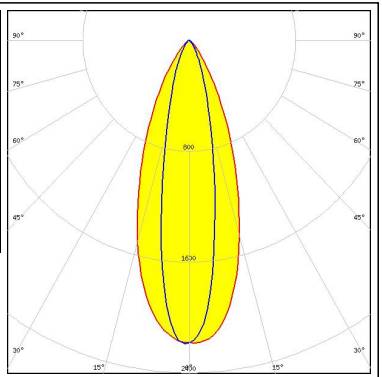

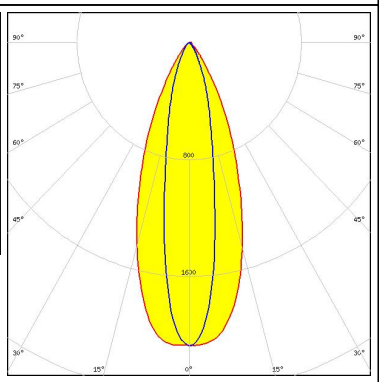

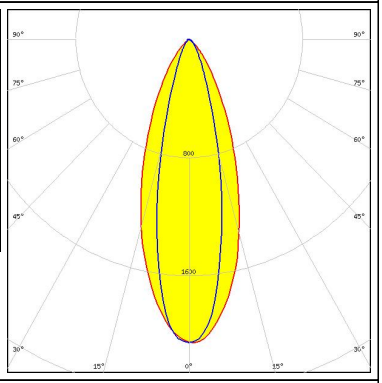
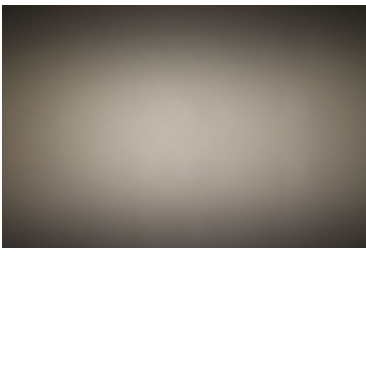
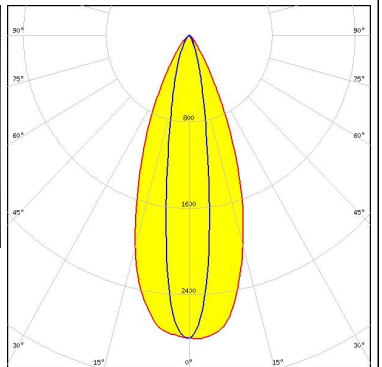
ORDERING INFORMATION:

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


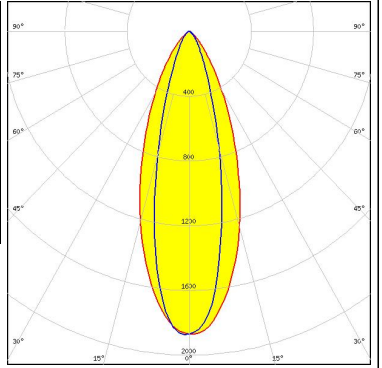

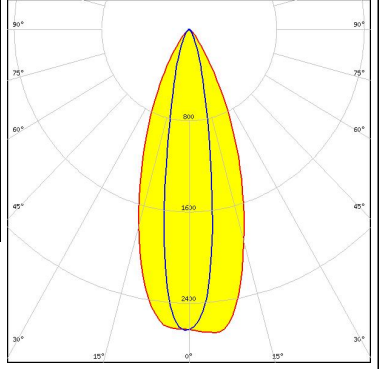
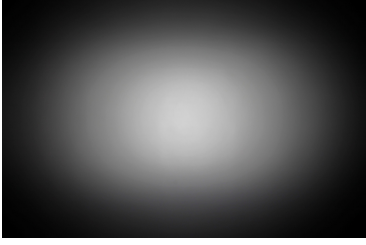
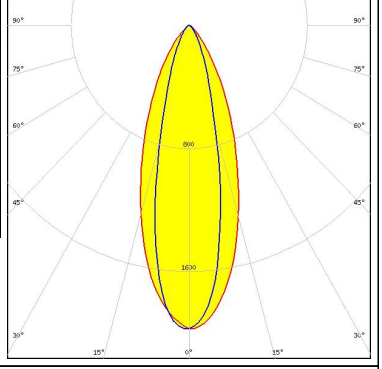
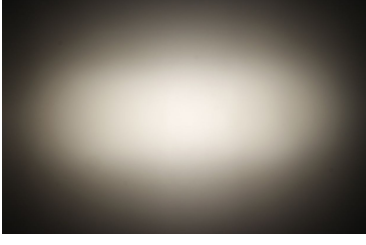
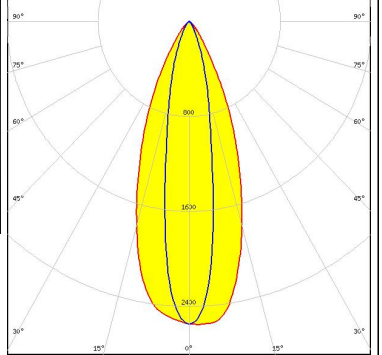


See also our general installation guide: www.ledil.com/installation_guide


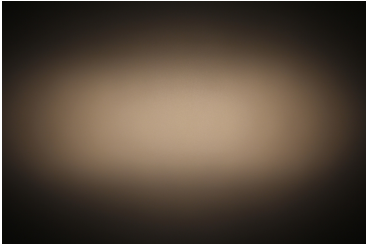
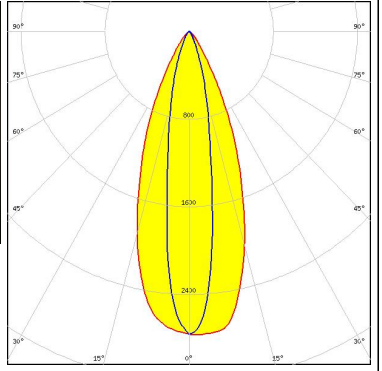
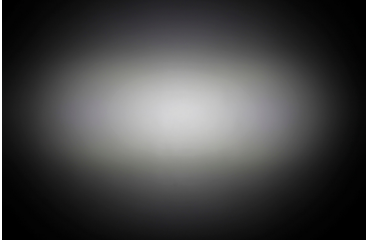
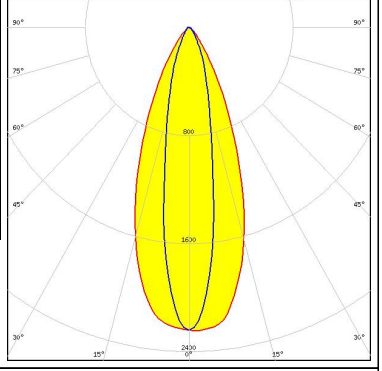

PHOTOMETRIC DATA (MEASURED):

<p>CREE ⇄ LED</p> <p>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:</p>		
<p>CREE ⇄ LED</p> <p>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:</p>		
<p>CREE ⇄ LED</p> <p>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:</p>		
<p>CREE ⇄ LED</p> <p>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:</p>		


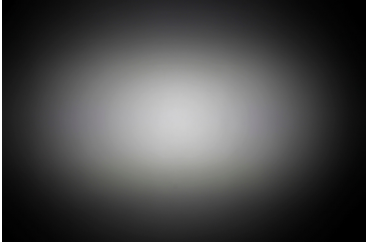
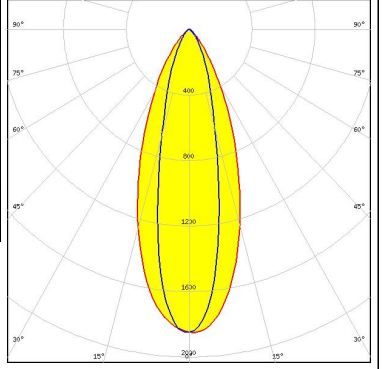
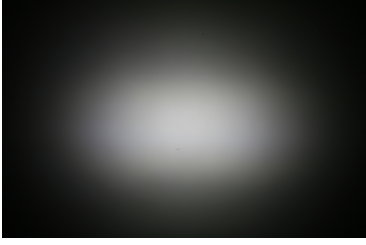
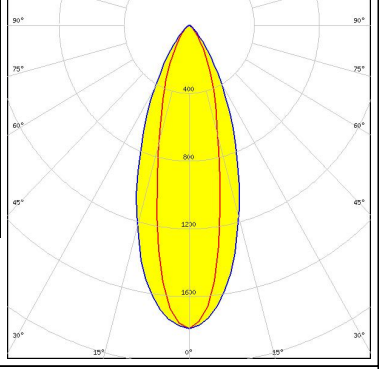

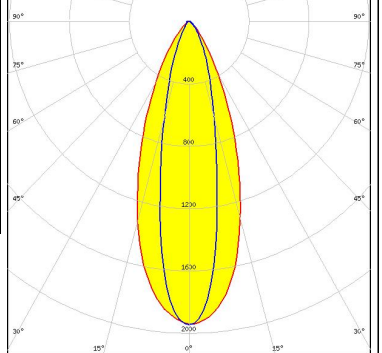
PHOTOMETRIC DATA (MEASURED):

<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):

<p>LUMILEDS</p> <p>LED LUXEON Z</p> <p>FWHM / FWTM 41.0 + 14.0° / 62.0 + 36.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Z ES</p> <p>FWHM / FWTM 40.0 + 18.0° / 68.0 + 44.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19A</p> <p>FWHM / FWTM 41.0 + 19.0° / 71.0 + 50.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NF2x757A</p> <p>FWHM / FWTM 41.0 + 33.0° / 75.0 + 60.0°</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):

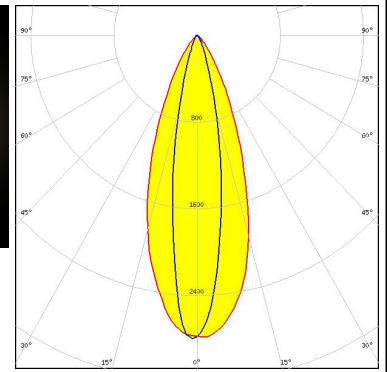
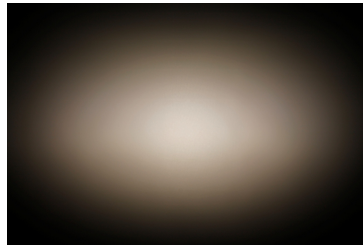
<p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 42.0 + 25.0° / 80.0 + 70.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 40.0 + 24.0° / 77.0 + 57.0°</p> <p>Efficiency 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 OSLOM 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

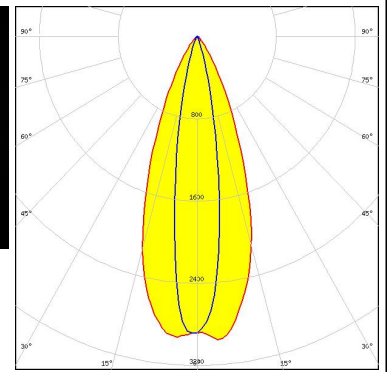
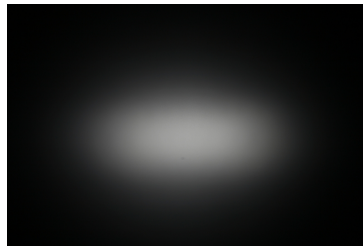
LED OSLON SSL 150
 FWHM / FWTM 39.0 + 19.0° / 70.0 + 40.0°
 Efficiency 84 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



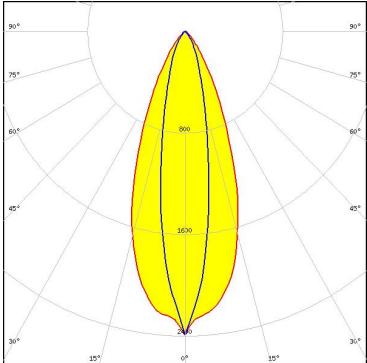
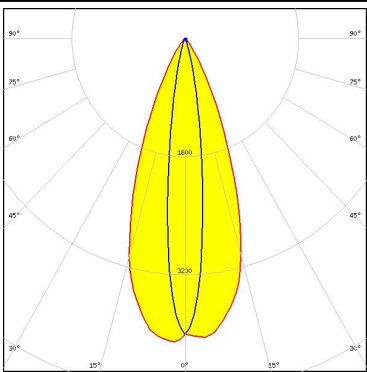
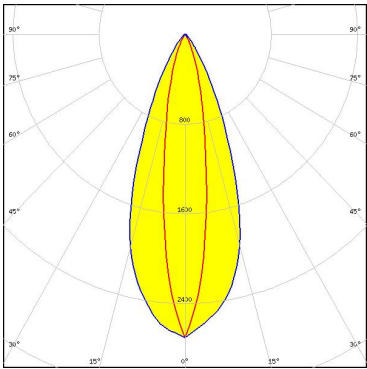
OSRAM

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):

<p>CREE LED</p> <p>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:</p>	
<p>CREE LED</p> <p>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:</p>	
<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 18.0 + 40.0° / 42.0 + 68.0° Efficiency 79 % Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

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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