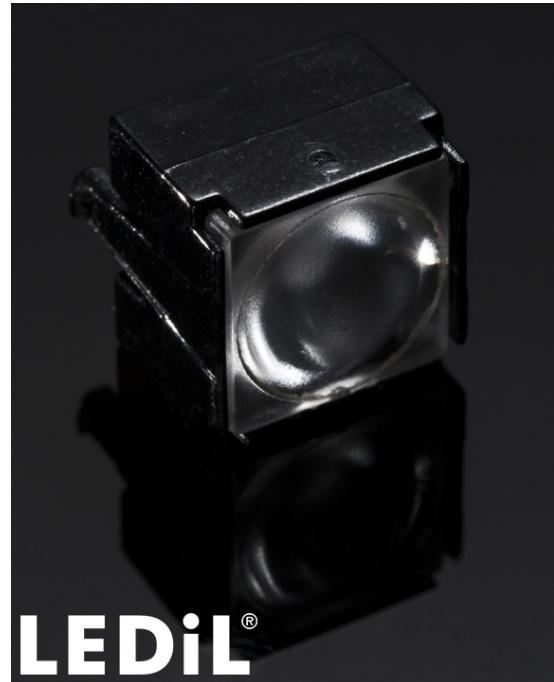


LARISA-W-CLIP8

~50° wide beam. Clip fastening for 0.8 mm thick PCB



TECHNICAL SPECIFICATIONS:

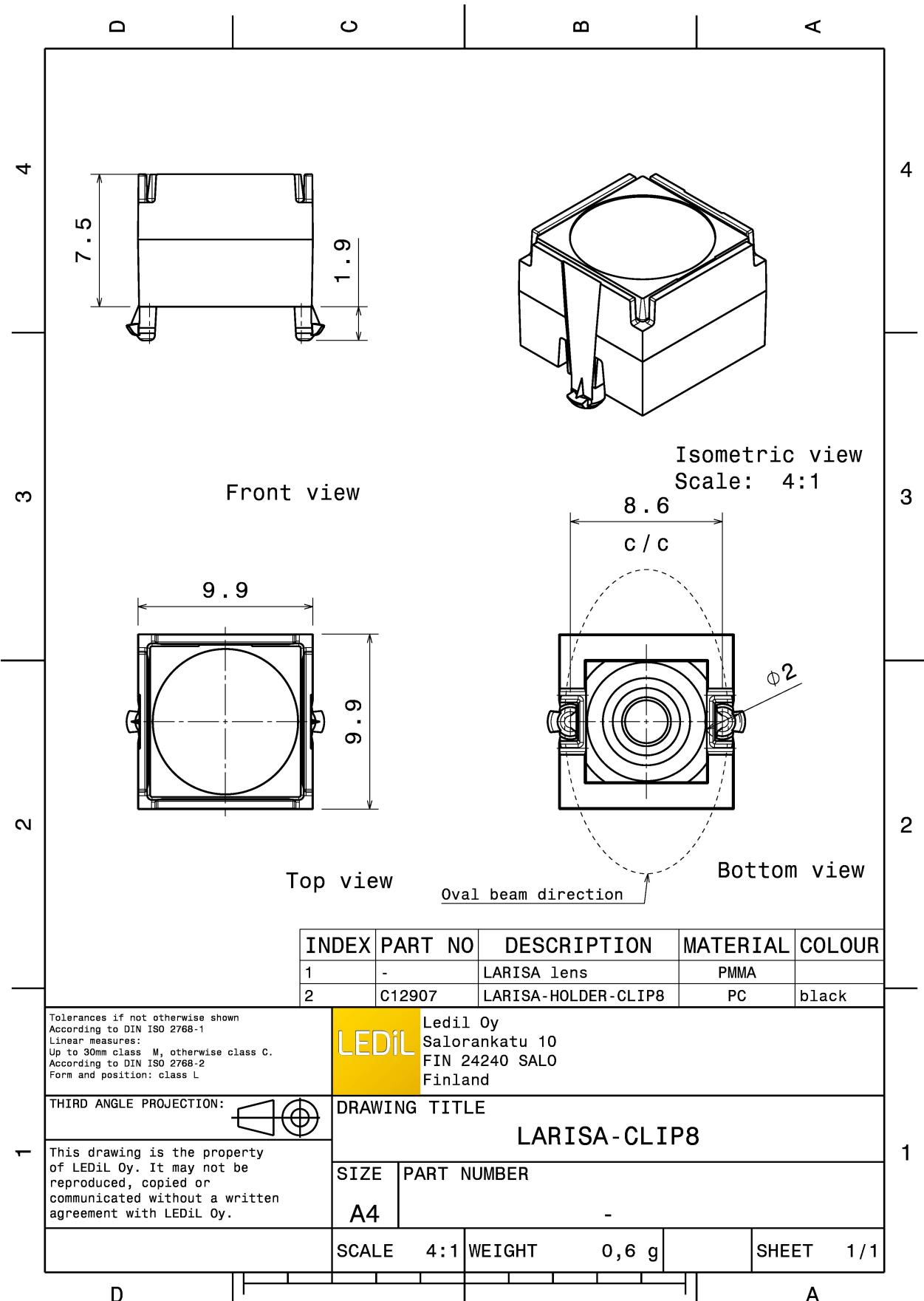
Dimensions	9.9 mm
Height	7.5 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

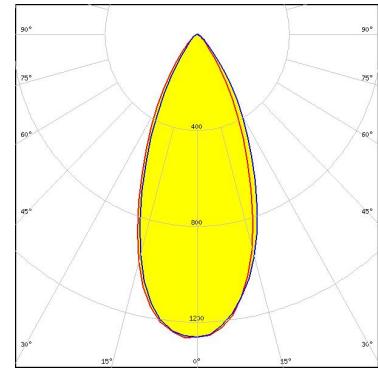
Component	Qty in box	MOQ	MPQ	Box weight (kg)	
CP12944_LARISA-W-CLIP8 » Box size: 300 x 250 x 250 mm	Single lens	10000	300	100	6.6



PHOTOMETRIC DATA (MEASURED):

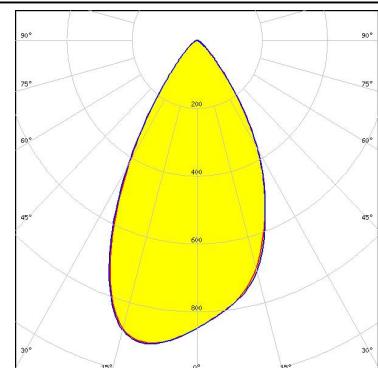
CREE 

LED XB-D
FWHM 45.0°
Efficiency 84 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



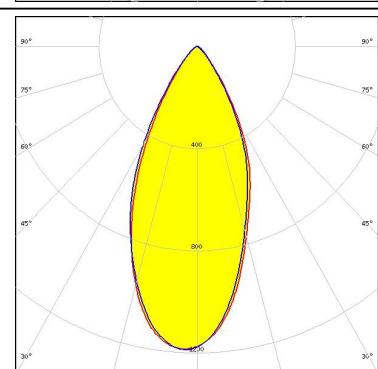
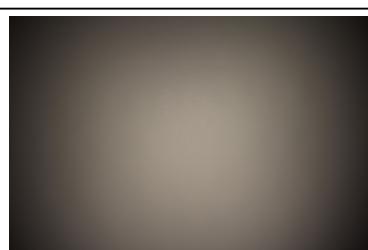
CREE 

LED XD16
FWHM 56.0°
Efficiency 80 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

LED XQ-E HD
FWHM 46.0°
Efficiency 84 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

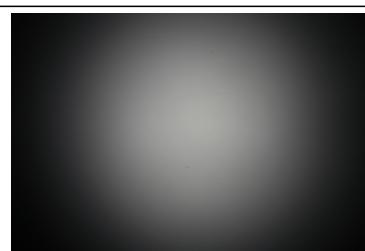
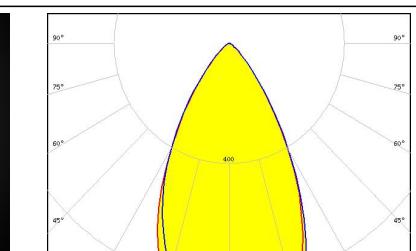
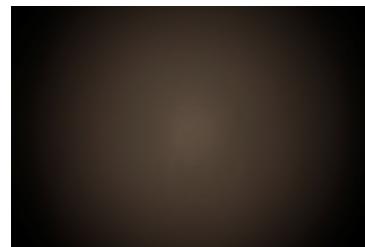
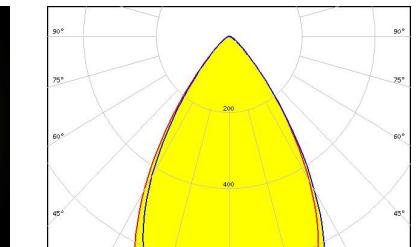
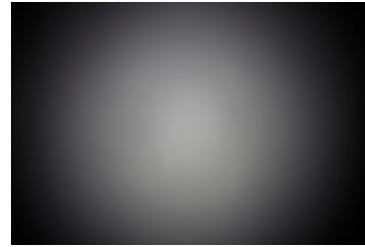
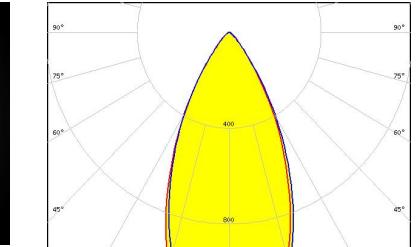
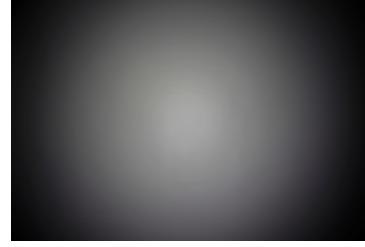
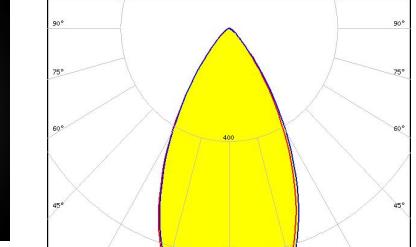


CREE 

LED XQ-E HI
FWHM 39.0°
Efficiency 81 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



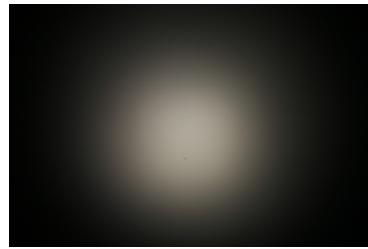
PHOTOMETRIC DATA (MEASURED):

 LG Innotek	<p>LED H35C0 (LEMWA33) FWHM 55.0° Efficiency 85 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 LUMILEDS	<p>LED LUXEON A FWHM 63.0° Efficiency 86 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 LUMILEDS	<p>LED LUXEON Rebel FWHM 47.0° Efficiency 88 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 LUMILEDS	<p>LED LUXEON Rebel ES FWHM 52.0° Efficiency 87 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

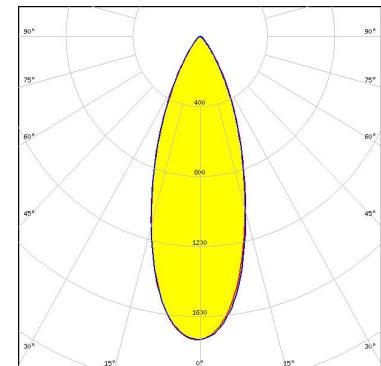
LUMILEDS

LED LUXEON Z
FWHM 32.0°
Efficiency 85 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



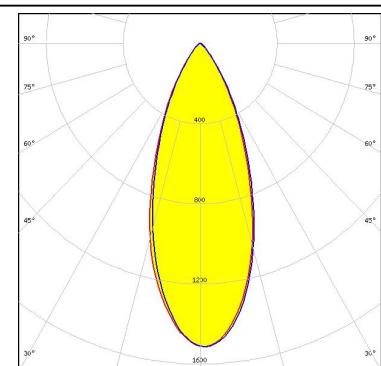
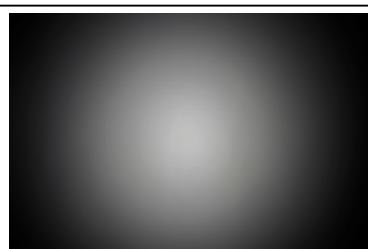
LUMILEDS

LED LUXEON Z ES
FWHM 37.0°
Efficiency 88 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



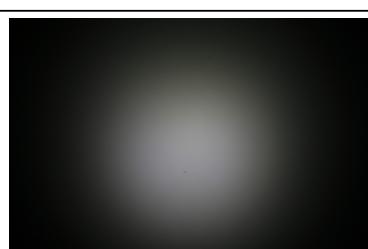
NICHIA

LED NCSxx19A
FWHM 39.0°
Efficiency 85 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

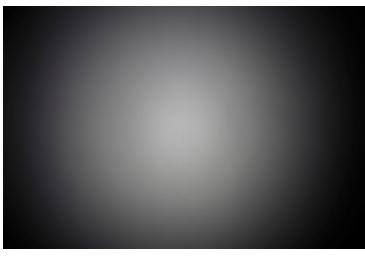
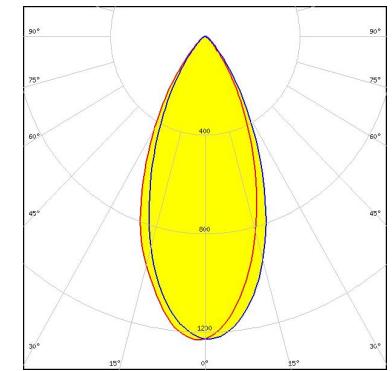
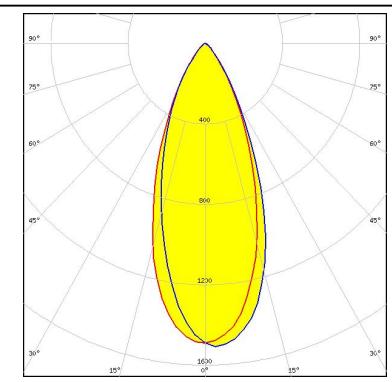
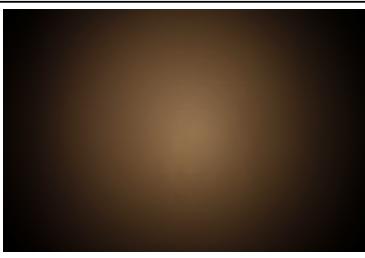
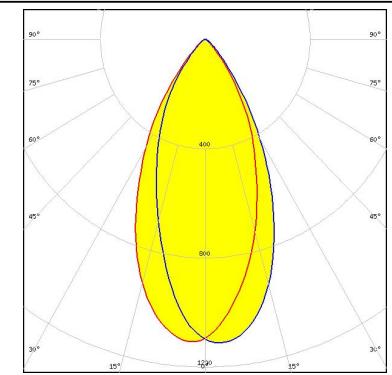


NICHIA

LED NF2x757A
FWHM 37.0°
Efficiency 84 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NF2x757G FWHM 40.0° Efficiency 83 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM 45.0° Efficiency 84 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip) FWHM 41.0° Efficiency 85 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC FWHM 46.0° Efficiency 82 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM 55.0°

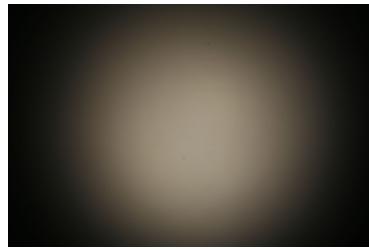
Efficiency 86 %

Peak intensity 1.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:

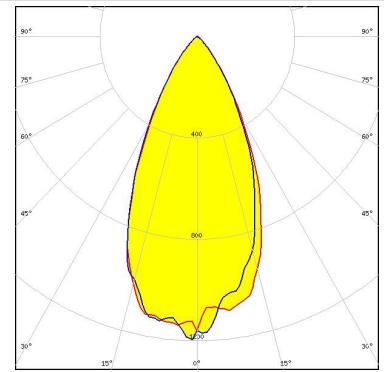


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON SSL 80
FWHM 49.0°
Efficiency 83 %
Peak intensity 1.2 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.

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