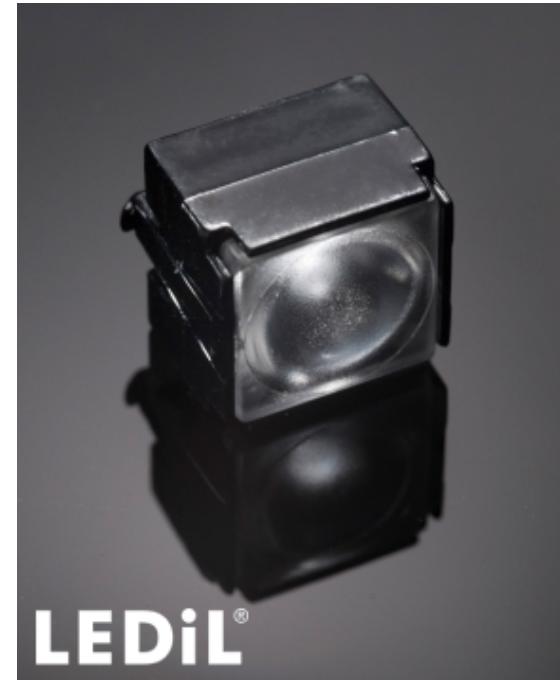


LARISA-M-CLIP8

~30° medium beam. Clip fastening for 0.8 mm thick PCB.



TECHNICAL SPECIFICATIONS:

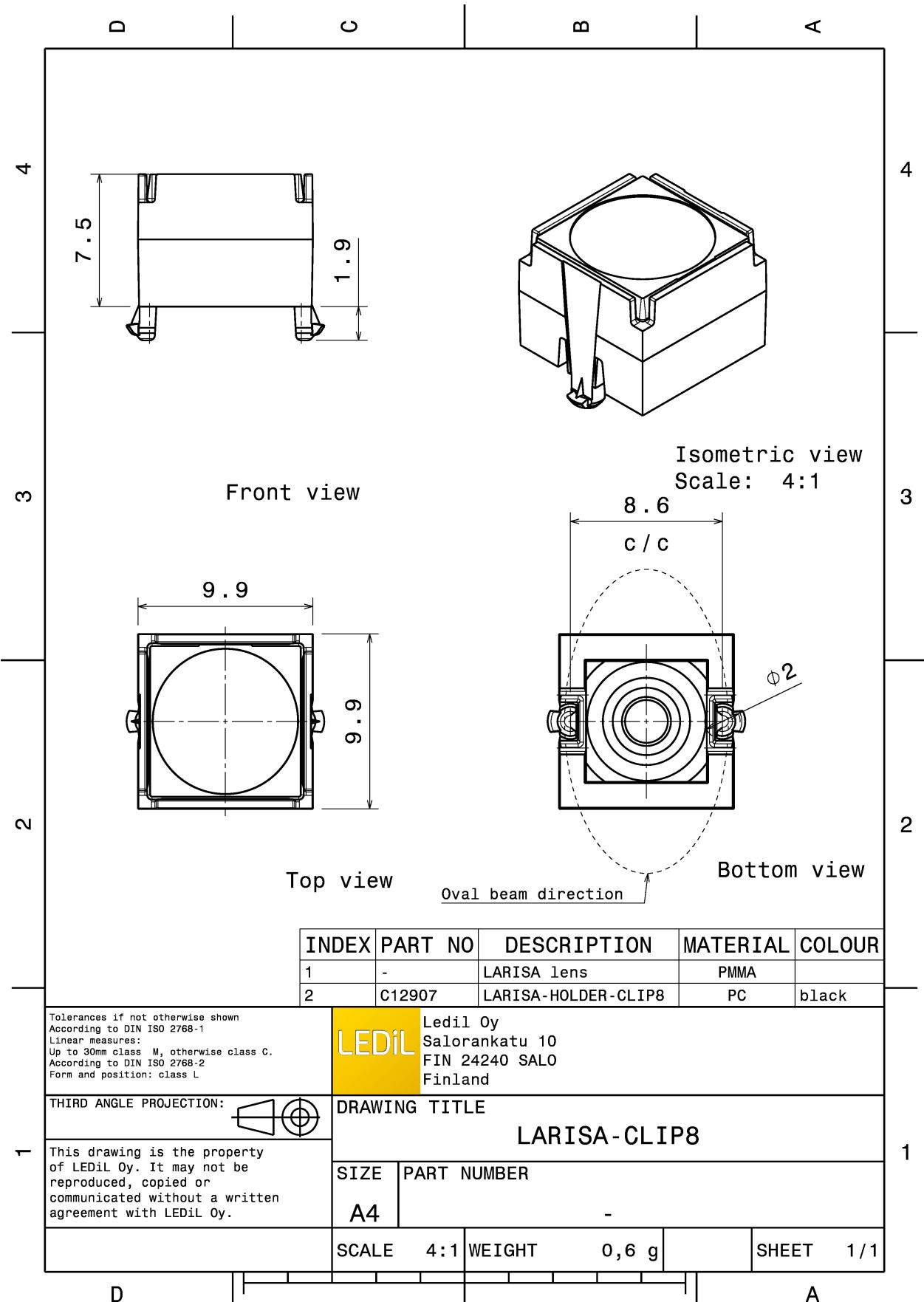
Dimensions	9.9 mm
Height	7.5 mm
Fastening	clips
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

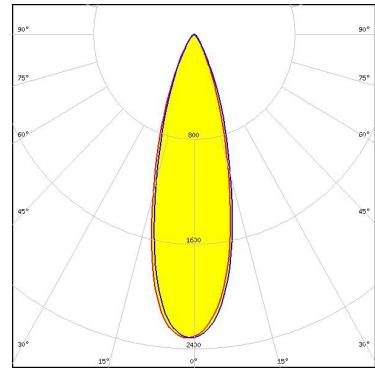
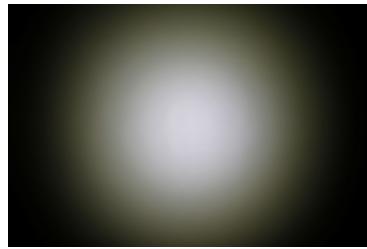
Component	Qty in box	MOQ	MPQ	Box weight (kg)	
CP12940_LARISA-M-CLIP8 » Box size: 300 x 250 x 250 mm	Single lens	10000	300	100	6.6



PHOTOMETRIC DATA (MEASURED):

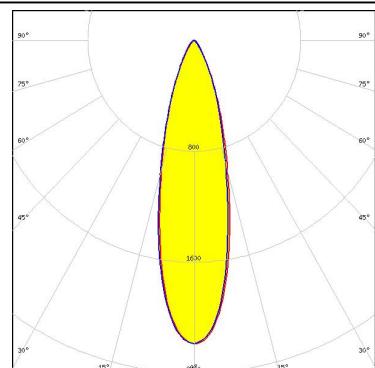
CREE 

LED XB-D
FWHM 30.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



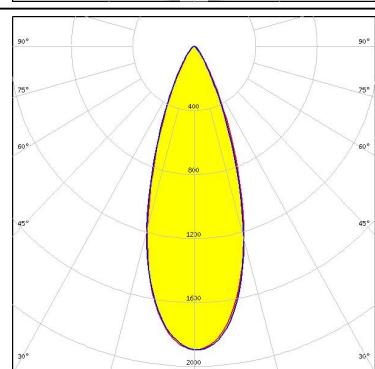
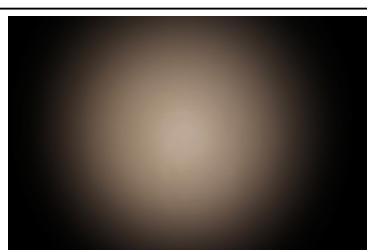
CREE 

LED XD16
FWHM 27.0°
Efficiency 74 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



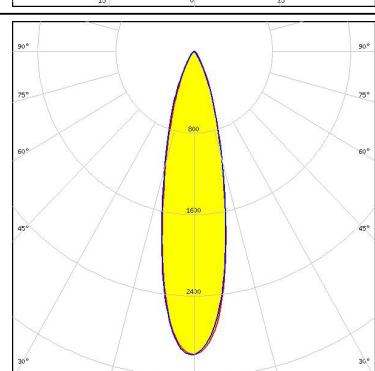
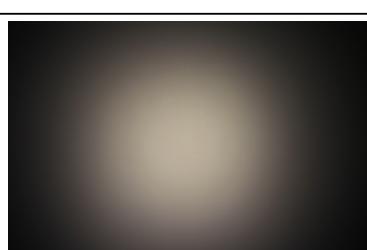
CREE 

LED XP-G
FWHM 36.0°
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

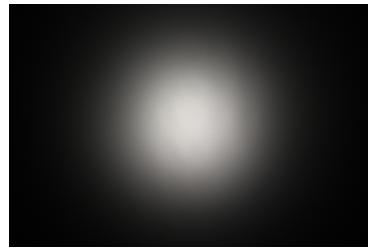
LED XQ-E HD
FWHM 25.0°
Efficiency 86 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

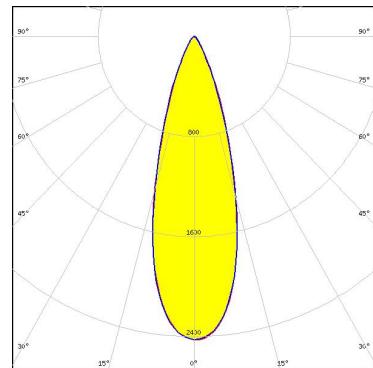
CREE®

LED XQ-E HI
FWHM 22.0°
Efficiency 78 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



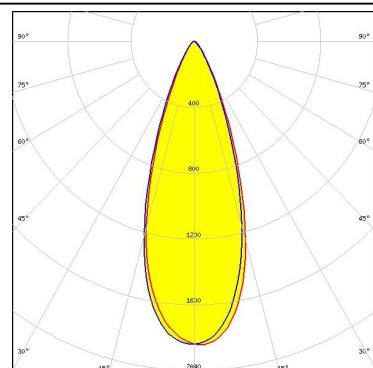
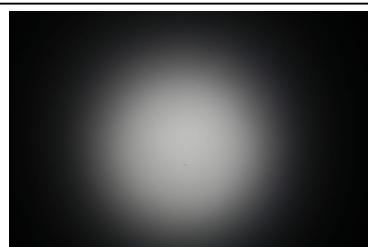
LG Innotek

LED H35B0 (LEMWA32)
FWHM 31.0°
Efficiency 89 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



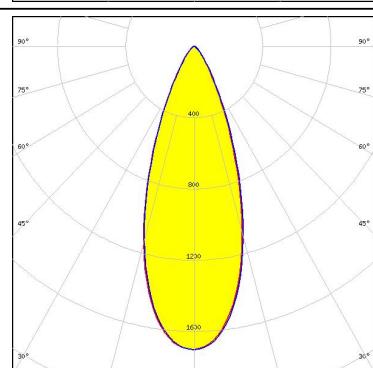
LG Innotek

LED H35C0 (LEMWA33)
FWHM 37.0°
Efficiency 87 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

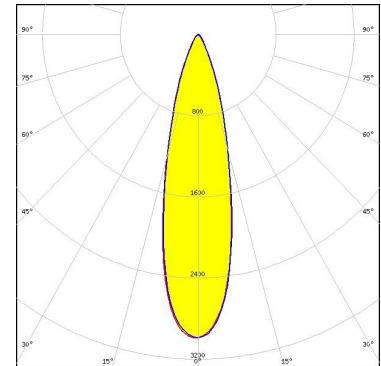
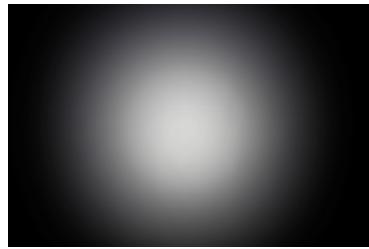
LED LUXEON A
FWHM 37.0°
Efficiency 86 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

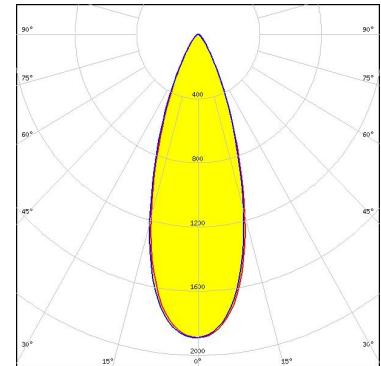
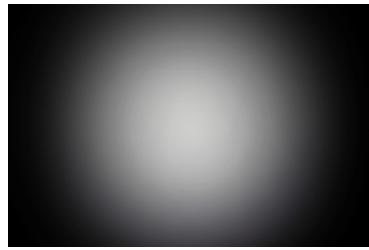
LUMILEDS

LED LUXEON Rebel
FWHM 26.0°
Efficiency 88 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



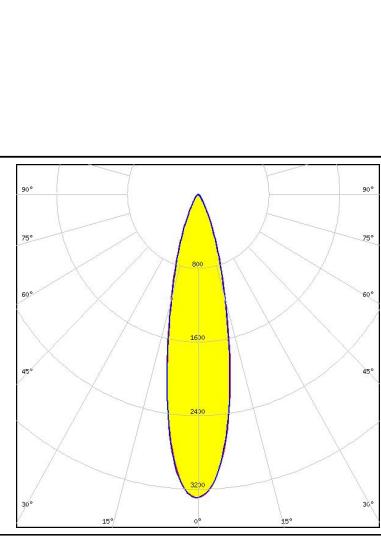
LUMILEDS

LED LUXEON Rebel ES
FWHM 35.0°
Efficiency 87 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON Z
FWHM 19.0°
Efficiency 84 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

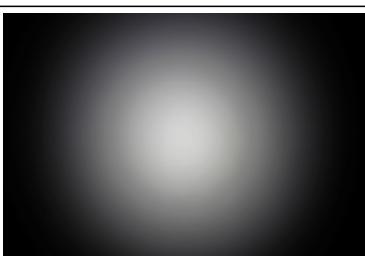
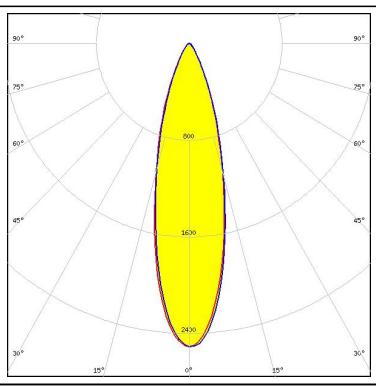
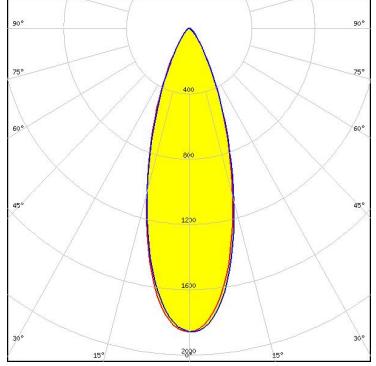


LUMILEDS

LED LUXEON Z ES
FWHM 24.0°
Efficiency 88 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

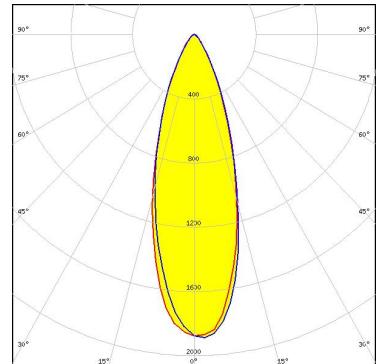
 NICHIA LED NCSxx19A FWHM 27.0° Efficiency 84 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:		
 NICHIA LED NF2x757A FWHM 31.0° Efficiency 84 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:		
 NICHIA LED NF2x757G FWHM 34.0° Efficiency 80 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:		
 NICHIA LED NVSxx19A FWHM 34.0° Efficiency 84 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

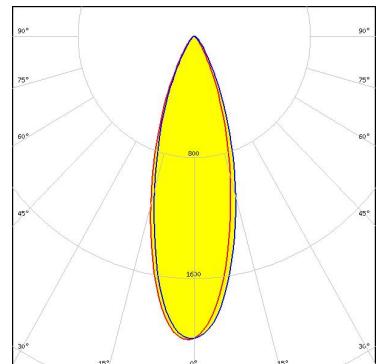
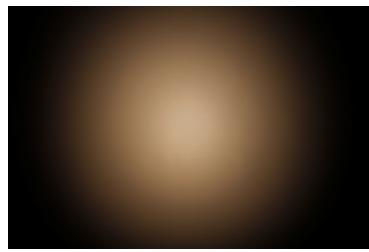
LED Duris S5 (2 chip)
FWHM 34.0°
Efficiency 80 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

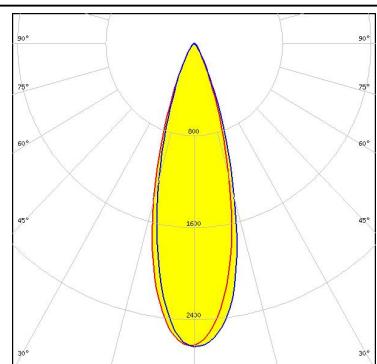
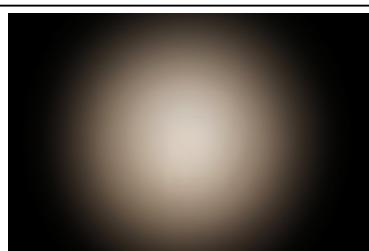
LED OSLON Square EC
FWHM 31.0°
Efficiency 83 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

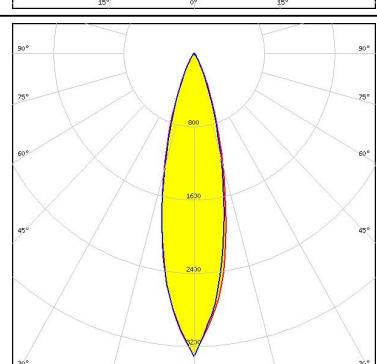
LED OSLON SSL 150
FWHM 30.0°
Efficiency 88 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON SSL 80
FWHM 25.0°
Efficiency 82 %
Peak intensity 2.9 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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