

## LUCIA-S

~15° spot beam

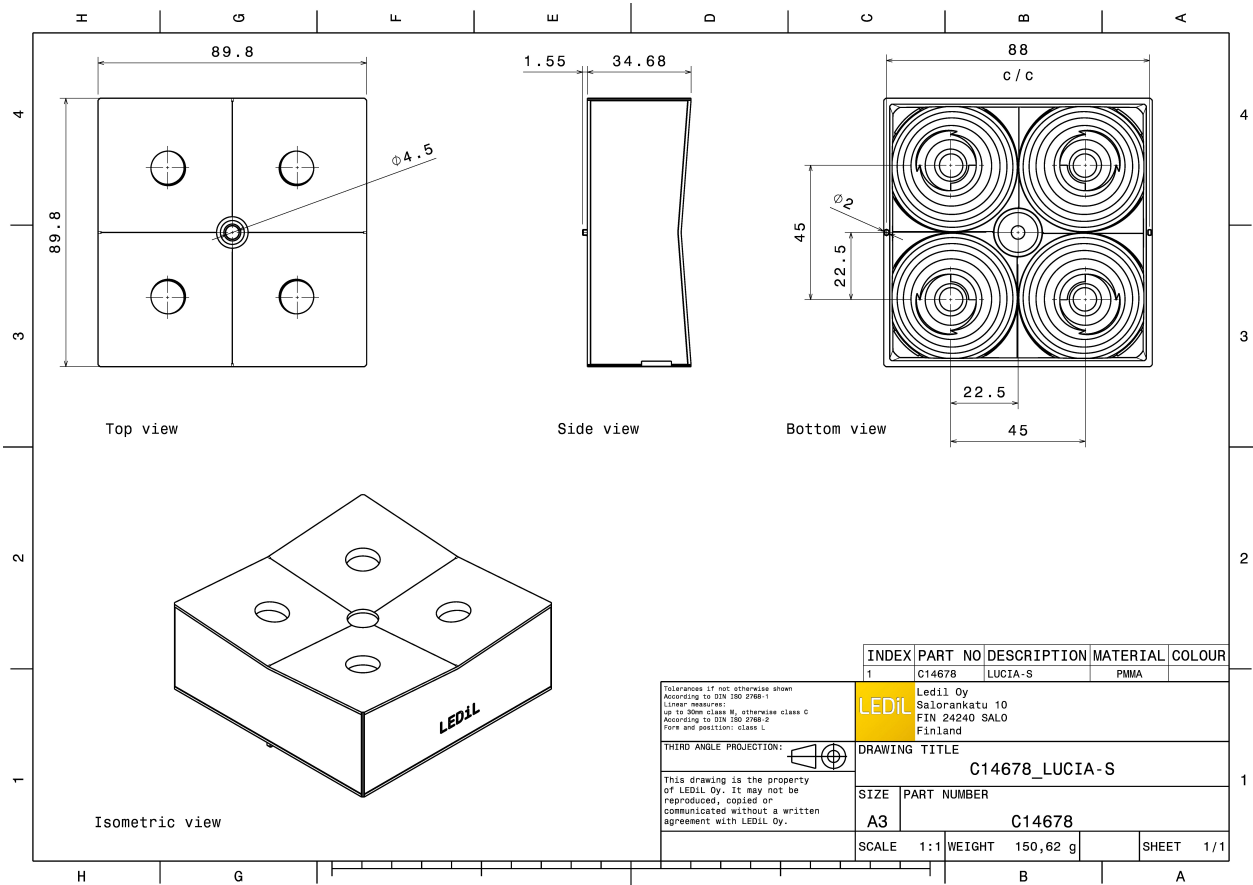
### TECHNICAL SPECIFICATIONS:

Dimensions	89.8 mm
Height	34.7 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	11 kg
Quantity in Box	64 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

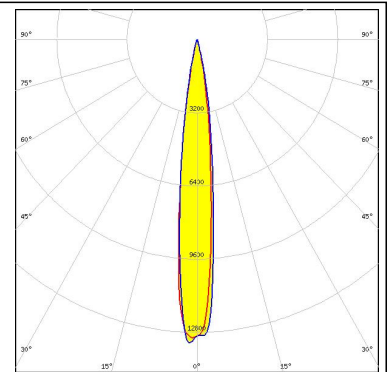
Component	Type	Material	Colour
LUCIA-S	Multi-lens	PMMA	clear



### PHOTOMETRIC DATA (MEASURED):

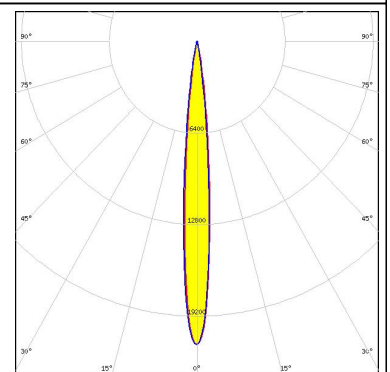
**CREE** 

LED XM-L RGB  
FWHM 13.0°  
Efficiency 93 %  
Peak intensity 13.360 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** 

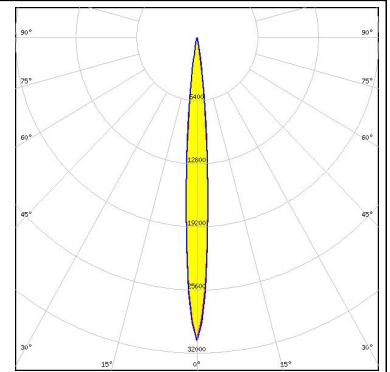
LED XP-L HD  
FWHM 10.0°  
Efficiency 94 %  
Peak intensity 21.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



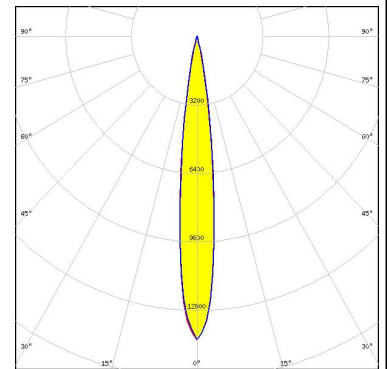
#### PHOTOMETRIC DATA (SIMULATED):



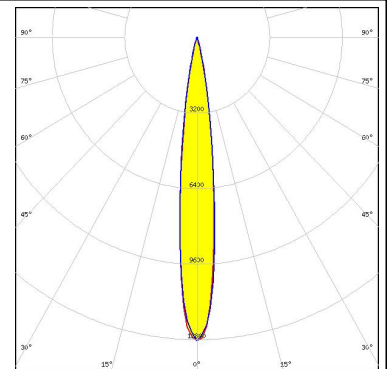
LED XHP35 HI  
 FWHM 8.4°  
 Efficiency 94 %  
 Peak intensity 30.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



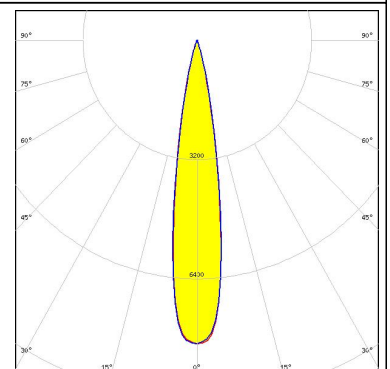
LED XHP50  
 FWHM 13.0°  
 Efficiency 94 %  
 Peak intensity 14.170 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP50.2  
 FWHM 13.0°  
 Efficiency 94 %  
 Peak intensity 12.870 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



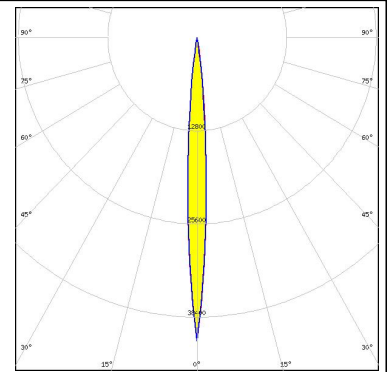
LED XHP70  
 FWHM 18.0°  
 Efficiency 91 %  
 Peak intensity 8.220 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



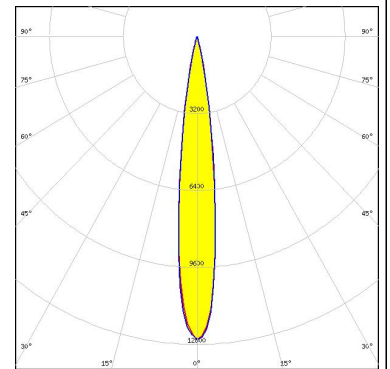
### PHOTOMETRIC DATA (SIMULATED):



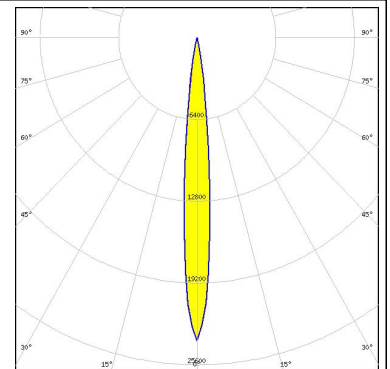
LED XP-E2  
 FWHM 7.0°  
 Efficiency 94 %  
 Peak intensity 41.668 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



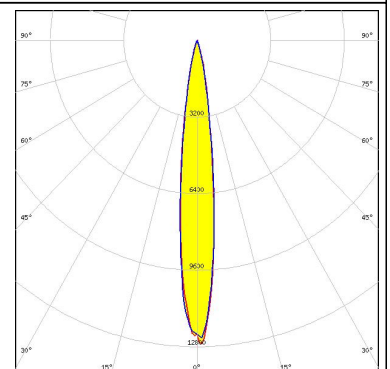
LED LUXEON M/MX  
 FWHM 14.0°  
 Efficiency 93 %  
 Peak intensity 12.610 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON MZ  
 FWHM 10.0°  
 Efficiency 94 %  
 Peak intensity 23.730 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



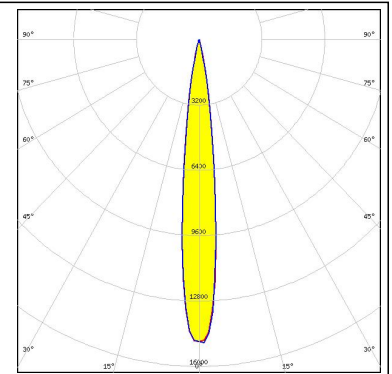
LED Duris S10  
 FWHM 13.0°  
 Efficiency 94 %  
 Peak intensity 12.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 13.0°  
Efficiency 94 %  
Peak intensity 15.000 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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