

IRIS

~10° spot beam with holder

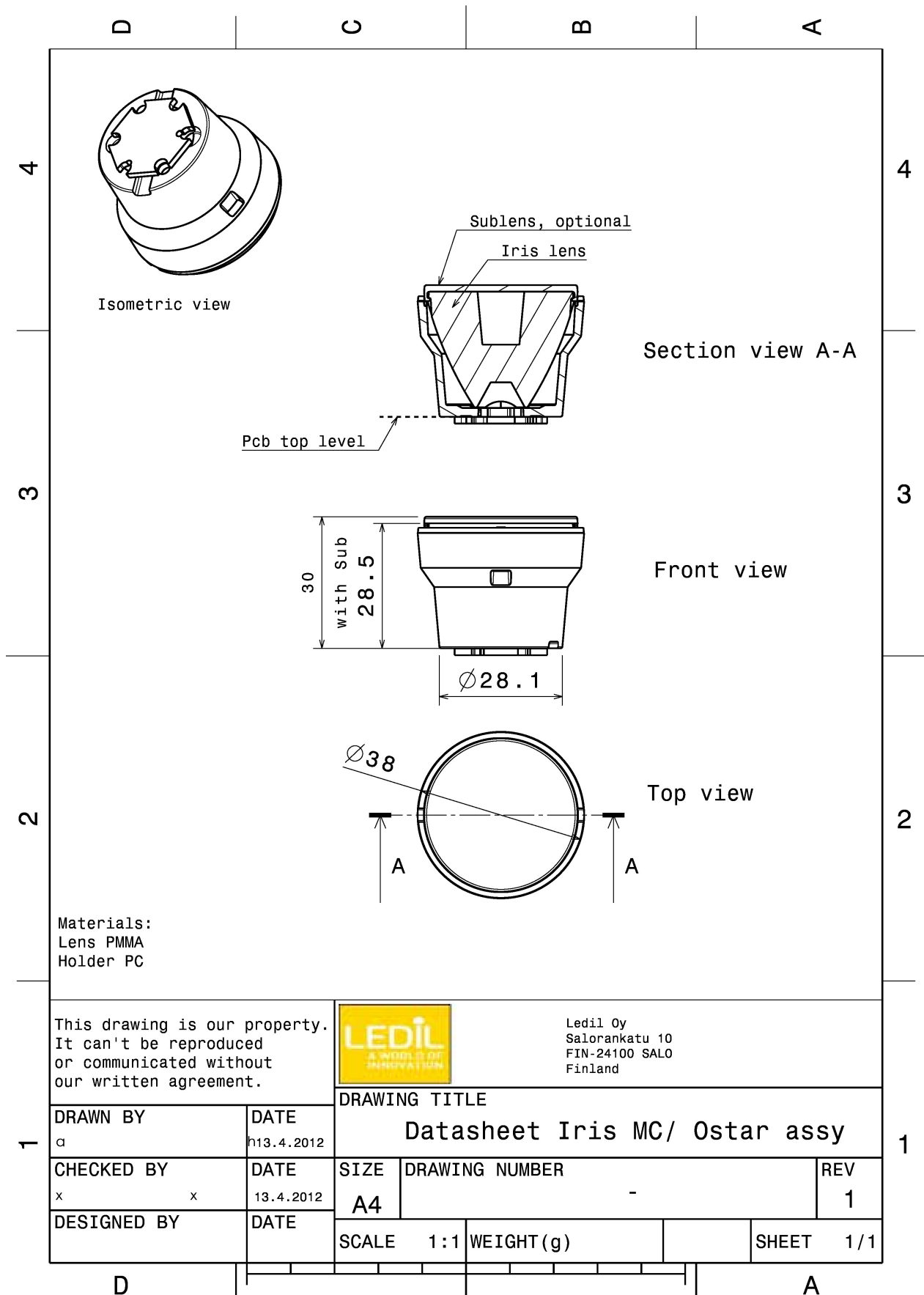
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.5 mm
Fastening	glue, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	580 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

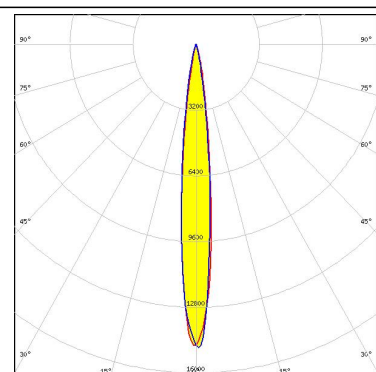
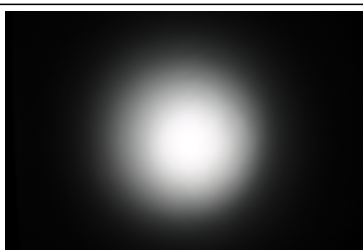
Component	Type	Material	Colour
IRIS	Single lens	PMMA	clear
IRIS-HLD	Holder	PC	black



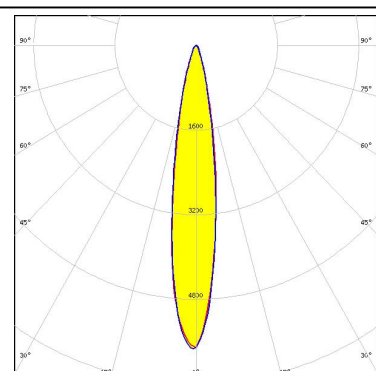
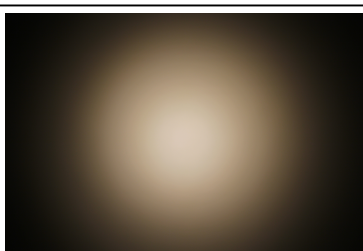
PHOTOMETRIC DATA (MEASURED):



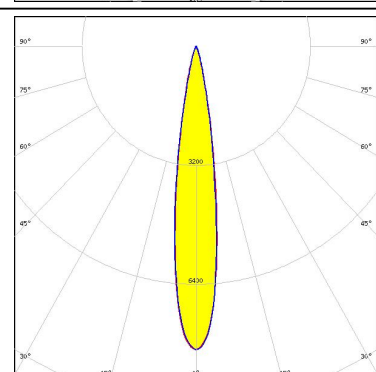
LED MC-E
FWHM 11.0°
Efficiency 89 %
Peak intensity 15.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



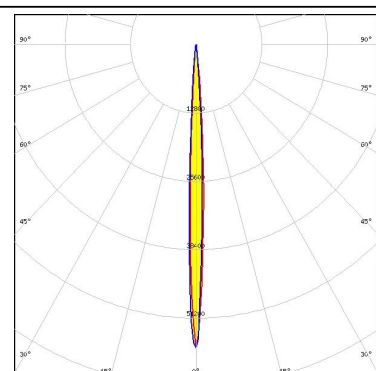
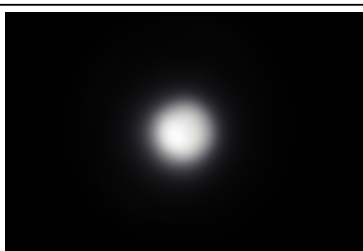
LED MHD-E/G
FWHM 17.0°
Efficiency 91 %
Peak intensity 5.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM 16.0°
Efficiency 83 %
Peak intensity 8.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



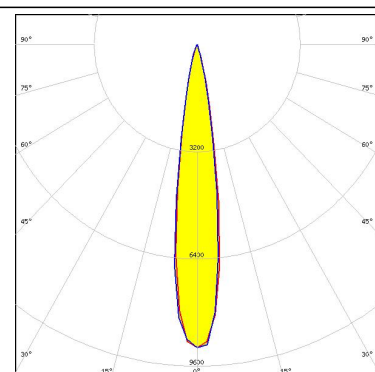
LED LUXEON CZ
FWHM 5.0°
Efficiency 80 %
Peak intensity 57.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



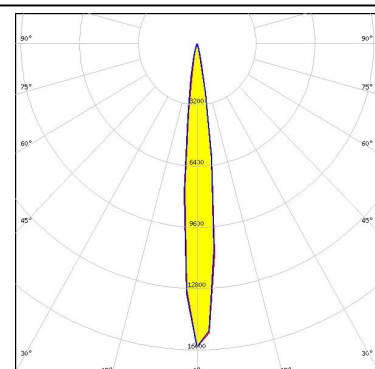
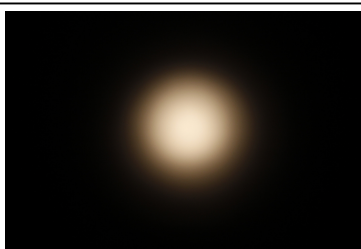
PHOTOMETRIC DATA (MEASURED):



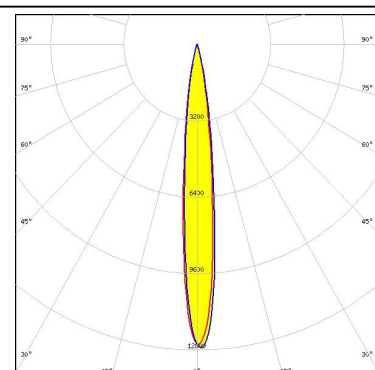
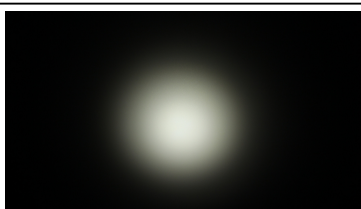
LED LUXEON M/MX
FWHM 16.0°
Efficiency 87 %
Peak intensity 9.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



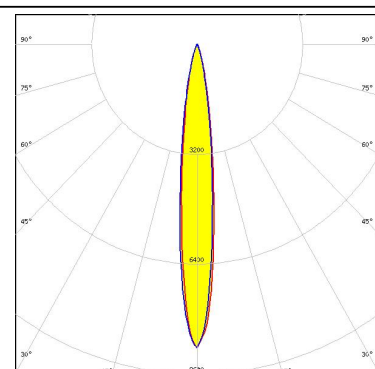
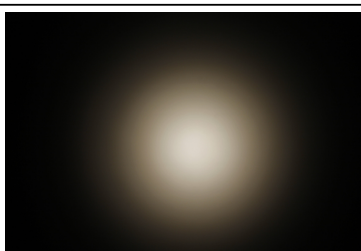
LED LUXEON MZ
FWHM 12.0°
Efficiency 82 %
Peak intensity 15.840 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NFMW48xA
FWHM 12.0°
Efficiency 84 %
Peak intensity 12.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S10
FWHM 13.0°
Efficiency 79 %
Peak intensity 8.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Duris S8
FWHM 11.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL
SEMICONDUCTOR

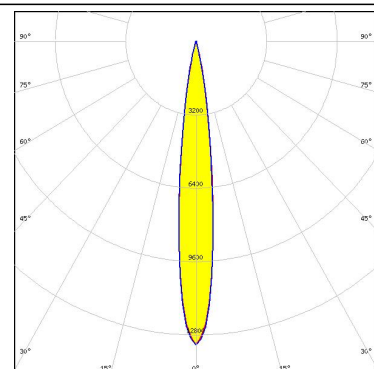
LED Z5M1/Z5M2
FWHM 7.0°
Efficiency 83 %
Peak intensity 40.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



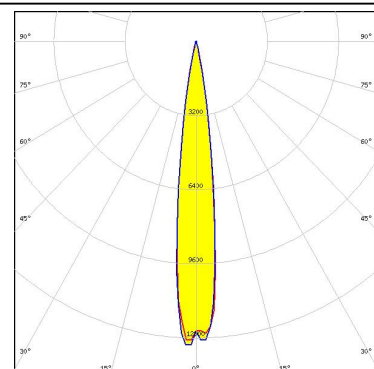
LED Bridgelux SMD 5050
FWHM 13.0°
Efficiency 91 %
Peak intensity 13.230 cd/lm
LEDs/each optic 1
Light colour White
Required components:



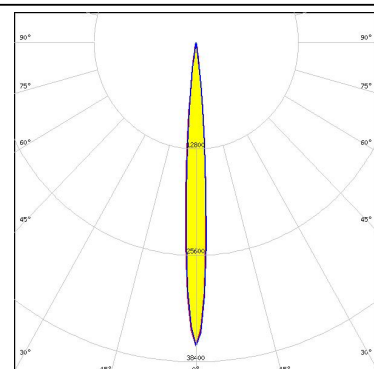
LED LUXEON 5258
FWHM 11.0°
Efficiency 89 %
Peak intensity 17.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 7070
FWHM 14.0°
Efficiency 87 %
Peak intensity 13.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



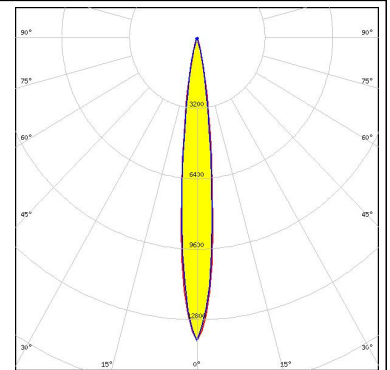
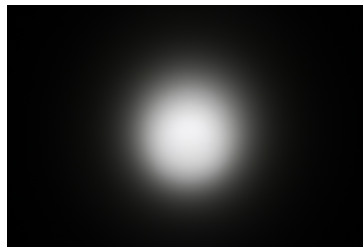
LED OSLOM Square CSSRM2/CSSRM3
FWHM 7.9°
Efficiency 89 %
Peak intensity 36.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

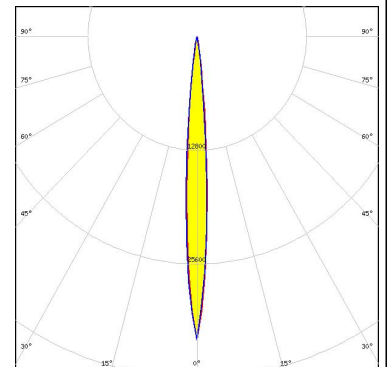
OSRAM
Opto Semiconductors

LED OSLON Square Flat
FWHM 12.0°
Efficiency 87 %
Peak intensity 13.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

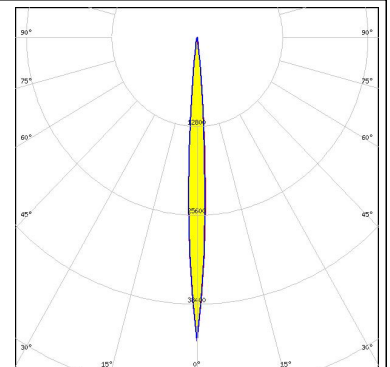
LED SFH 4770S
FWHM 8.1°
Efficiency 91 %
Peak intensity 3.410 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



SEOL

SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 6.0°
Efficiency 89 %
Peak intensity 43.690 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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