

IRIS

~5° real spot beam optimized for CREE XM-L.
Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	27.7 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

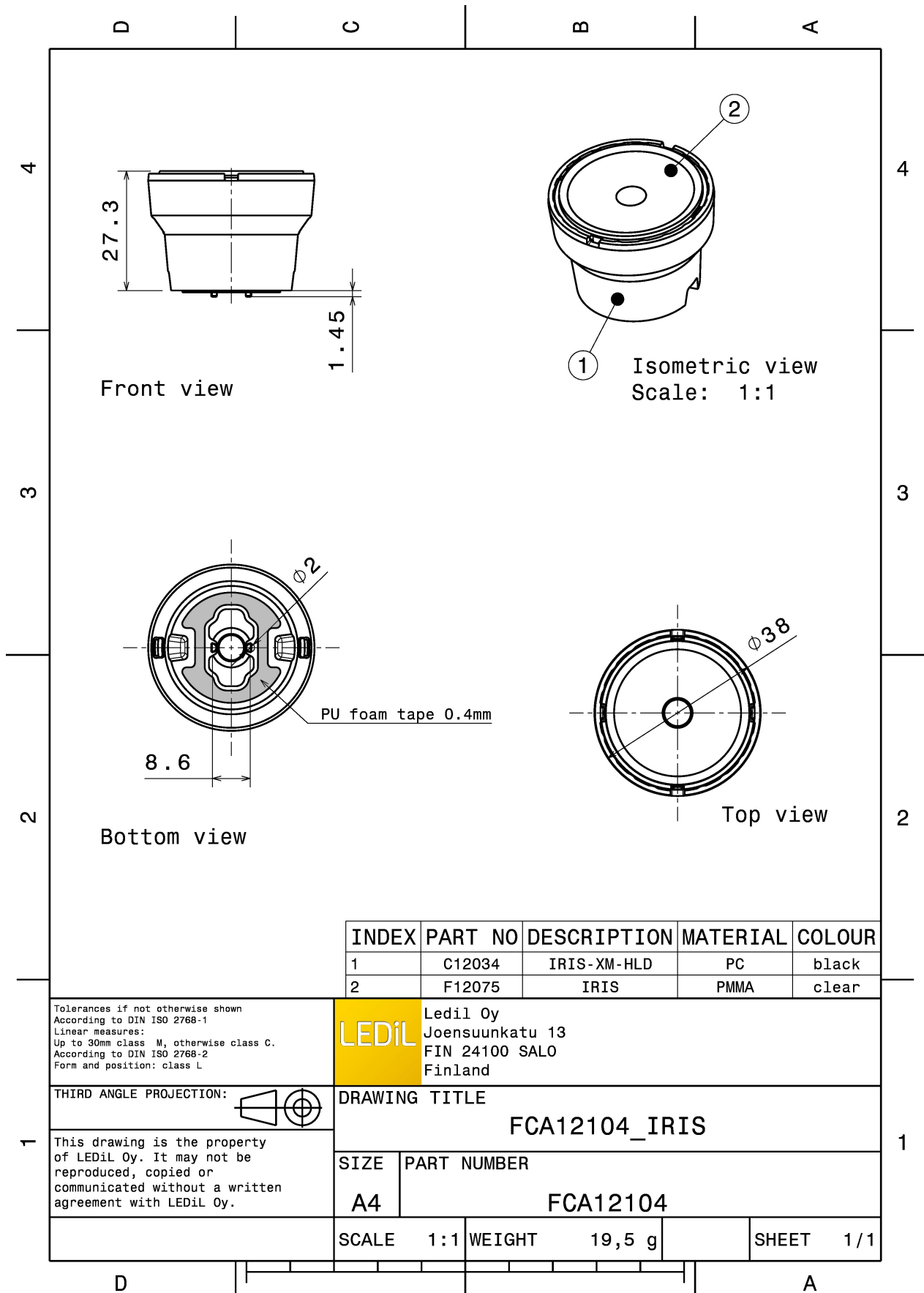
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-XM-HLD	Holder	PC	black	
SPUTNIK-TAPE	Tape	PU tape	black	



ORDERING INFORMATION:

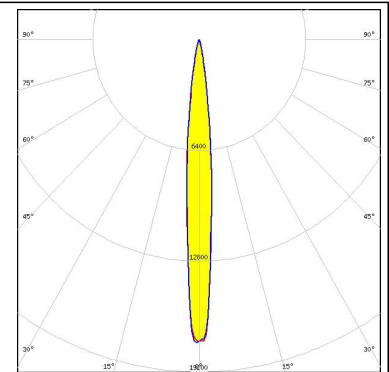
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA12104_IRIS	Single lens	378	126	42	9.0
» Box size: 480 x 280 x 300 mm					



PHOTOMETRIC DATA (MEASURED):

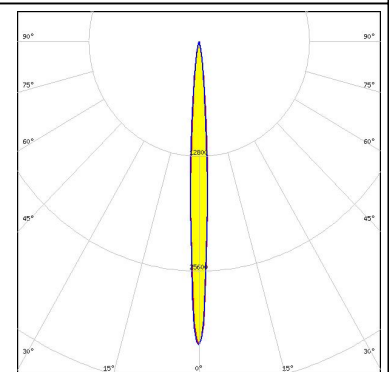
CREE

LED XHP35 HD
 FWHM 10.0°
 Efficiency 91 %
 Peak intensity 17.5 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



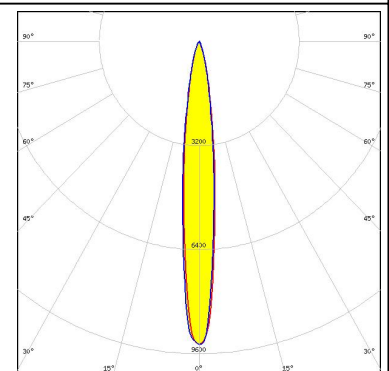
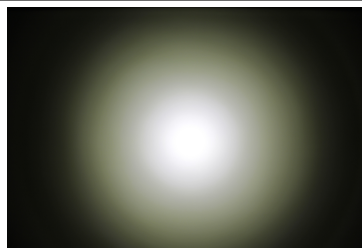
CREE

LED XHP35 HI
 FWHM 7.0°
 Efficiency 93 %
 Peak intensity 33.8 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



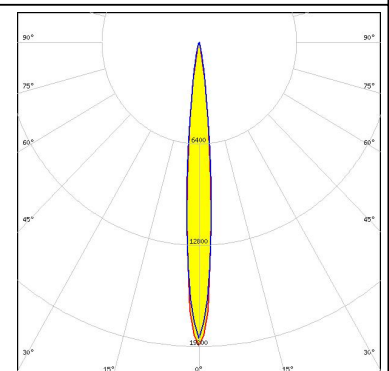
CREE

LED XHP50.2
 FWHM 12.0°
 Efficiency 88 %
 Peak intensity 9.3 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

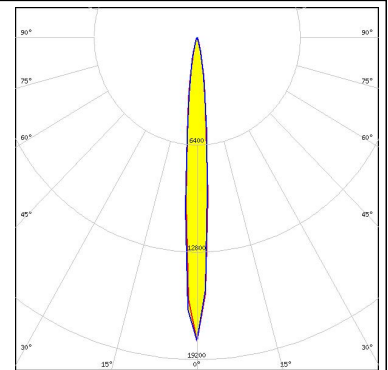
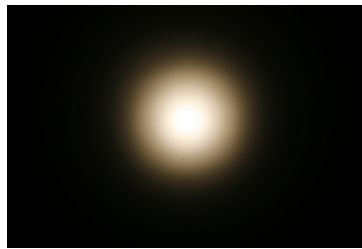
LED XM-L
 FWHM 9.0°
 Efficiency 91 %
 Peak intensity 19.2 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



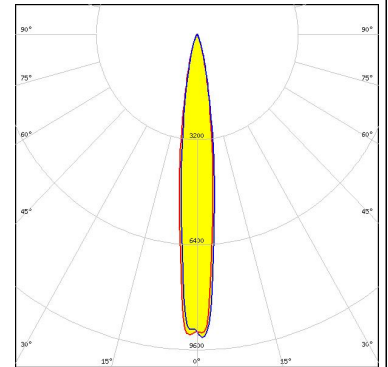
PHOTOMETRIC DATA (MEASURED):



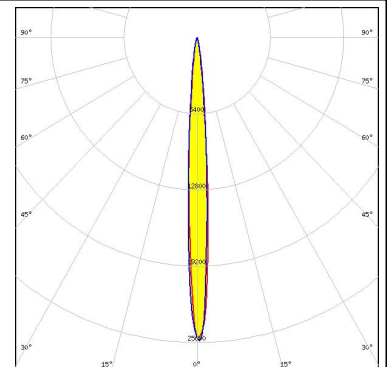
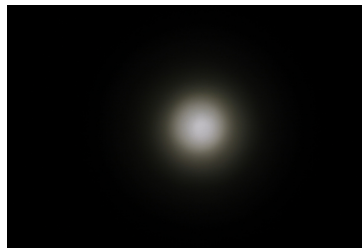
LED XM-L2
 FWHM 10.0°
 Efficiency 86 %
 Peak intensity 18.1 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



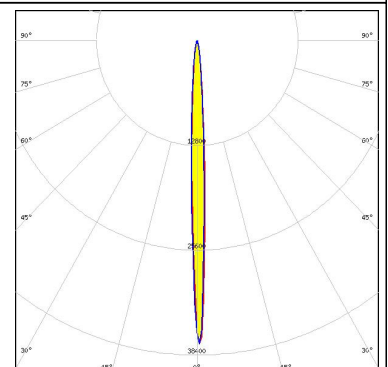
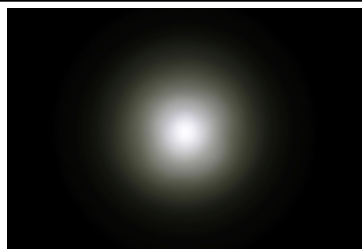
LED NV4x144A
 FWHM 13.0°
 Efficiency 89 %
 Peak intensity 9.3 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW3x9A
 FWHM 7.0°
 Efficiency 85 %
 Peak intensity 25.5 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



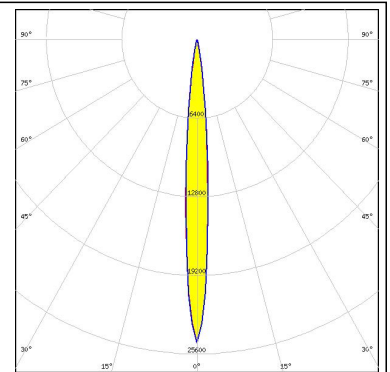
LED OSCONIQ P 3737 (2W version)
 FWHM 5.0°
 Efficiency 91 %
 Peak intensity 38.8 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

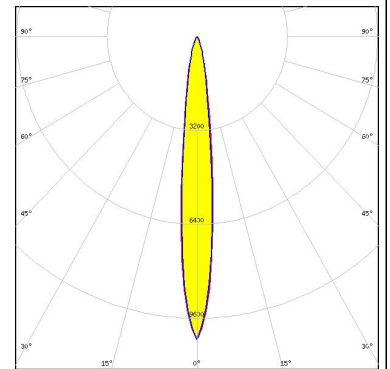
CREE 

LED XP-L HD
FWHM 8.8°
Efficiency 93 %
Peak intensity 24.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

LED Duris S8
FWHM 12.0°
Efficiency 92 %
Peak intensity 10.3 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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