

IRIS-O

~40° x 30° oval beam with sublens and holder optimized for CREE XM-L.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.8 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

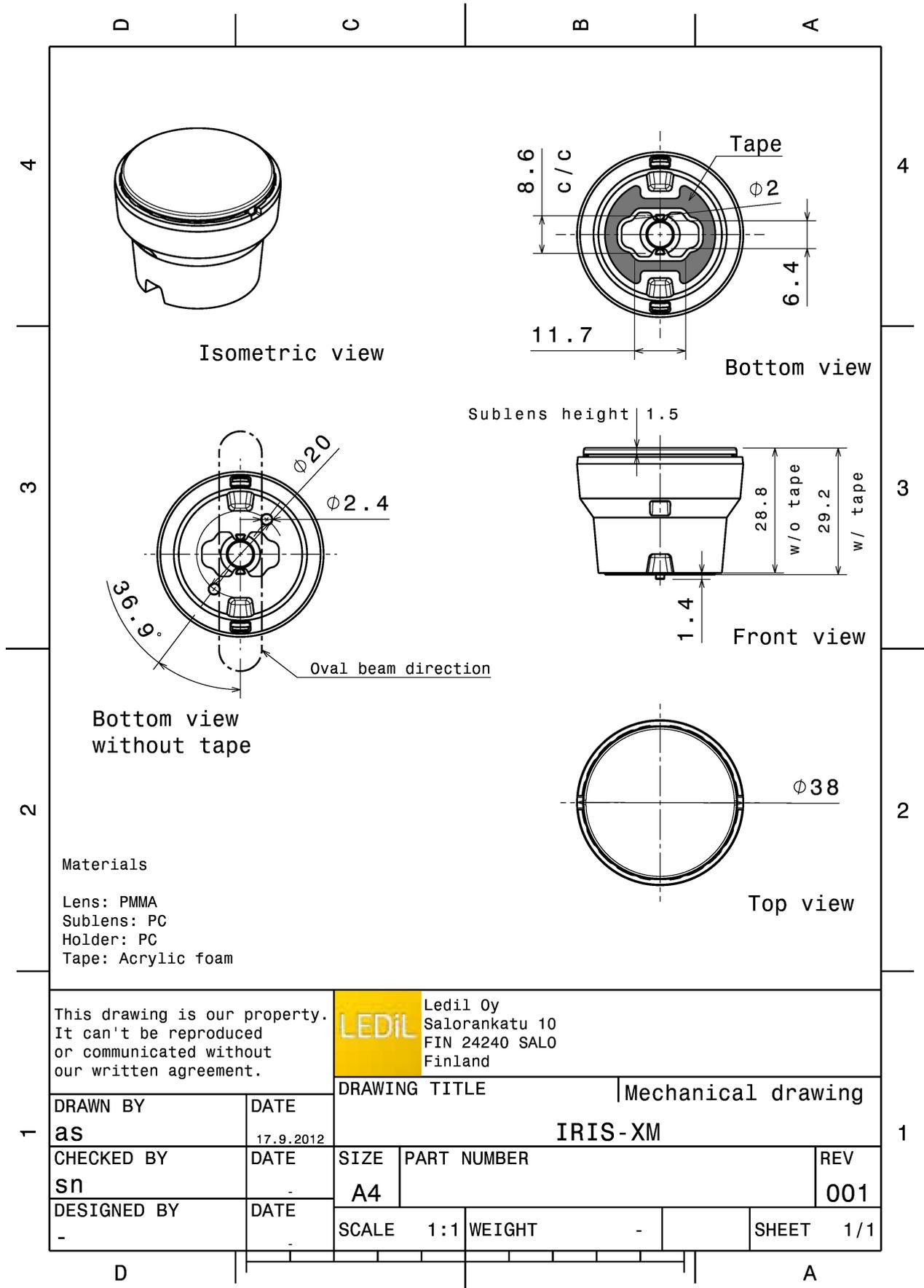
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-XM-HLD	Holder	PC	black	
IRIS-SUB-O	Sublens	PC	clear	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCN12775_IRIS-O	Single lens	360	90	90	0.0
» Box size:					



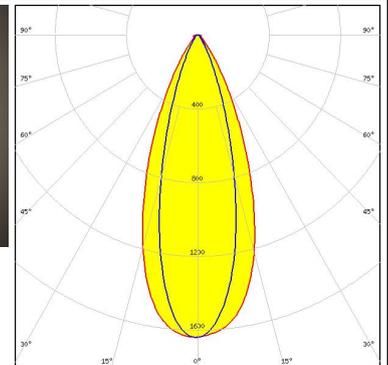


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

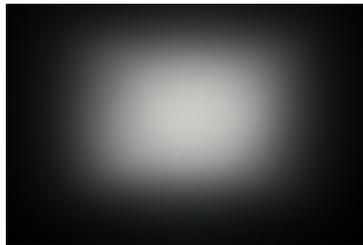
CREE

LED XHP50
 FWHM / FWTM 42.0 + 29.0° / 72.0 + 55.0°
 Efficiency 80 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



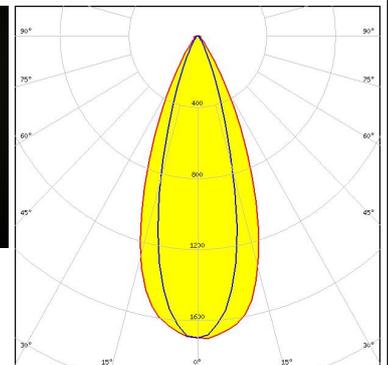
CREE

LED XM-L
 FWHM / FWTM 42.0 + 30.0° / 72.0 + 54.0°
 Efficiency 81 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



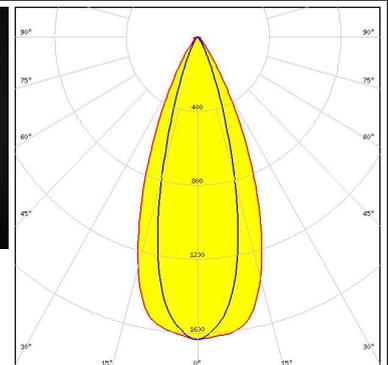
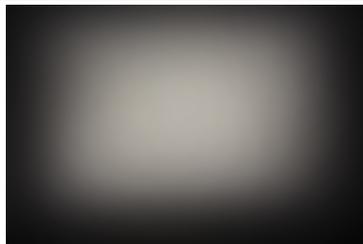
CREE

LED XM-L2
 FWHM / FWTM 43.0 + 30.0° / 70.0 + 53.0°
 Efficiency 80 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

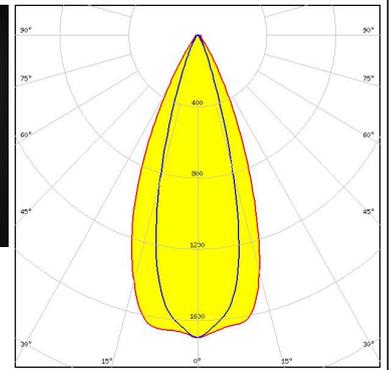
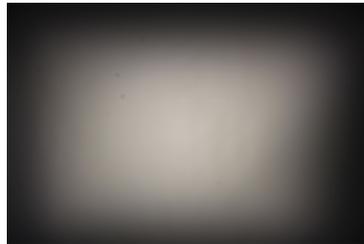
LED LUXEON V
 FWHM / FWTM 44.0 + 29.0° / 70.0 + 51.0°
 Efficiency 80 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):



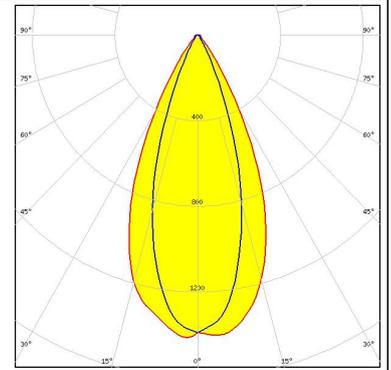
LED NVSW219F
FWHM / FWTM 44.0 + 29.0° / 68.0 + 48.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



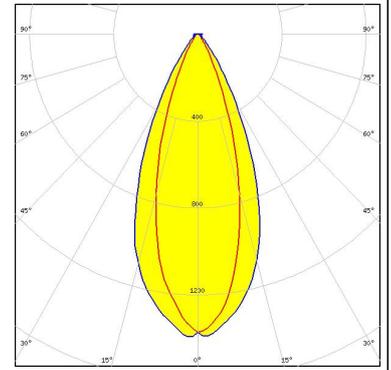
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM / FWTM 49.0 + 34.0° / 75.0 + 57.0°
Efficiency 82 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM / FWTM 46.0 + 32.0° / 76.0 + 59.0°
Efficiency 79 %
Peak intensity 1.4 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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