

IRIS-O

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

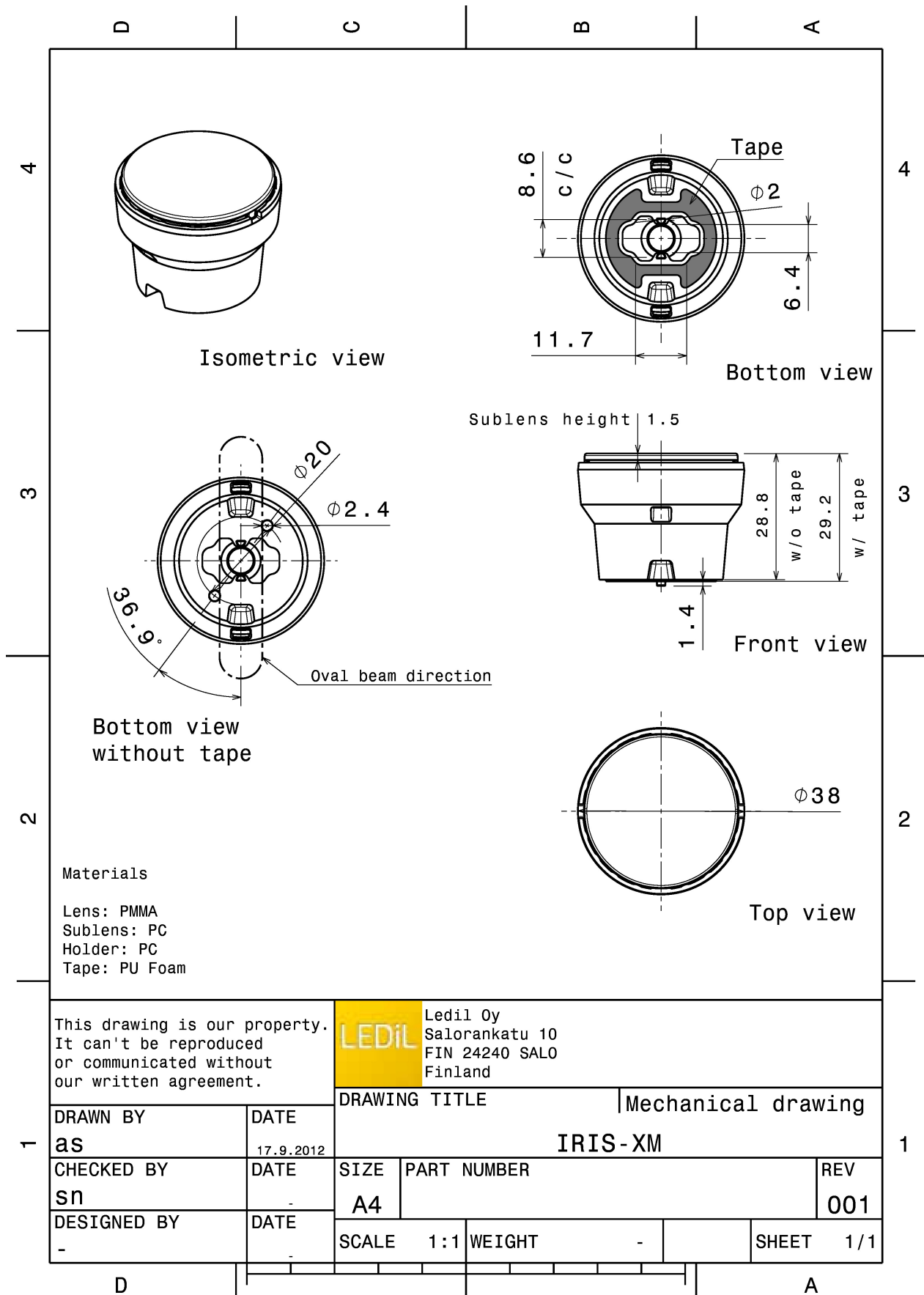
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.8 mm
Fastening	glue, pin, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	360 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

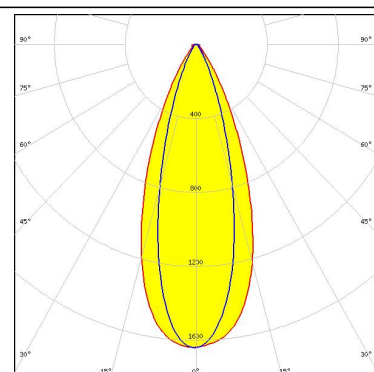
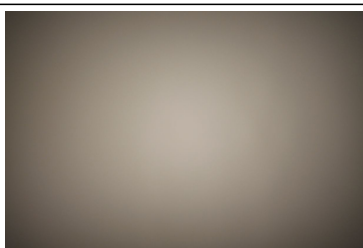
Component	Type	Material	Colour
IRIS	Single lens	PMMA	clear
IRIS-XM-HLD	Holder	PC	black
IRIS-SUB-O	Sublens	PC	clear



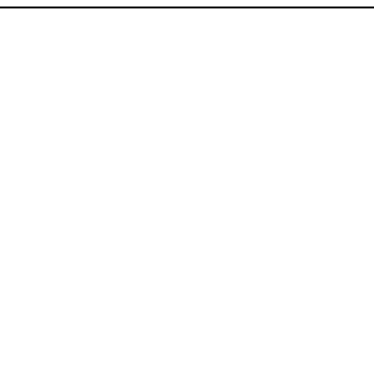
PHOTOMETRIC DATA (MEASURED):



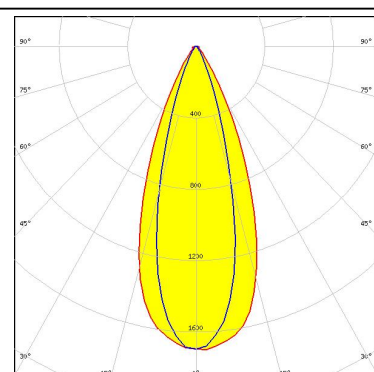
LED XHP50
FWHM 42.0 + 29.0°
Efficiency 80 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



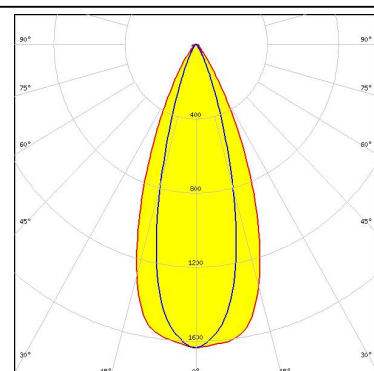
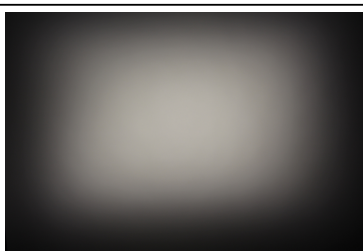
LED XM-L
FWHM 42.0 + 30.0°
Efficiency 81 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L2
FWHM 43.0 + 30.0°
Efficiency 80 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



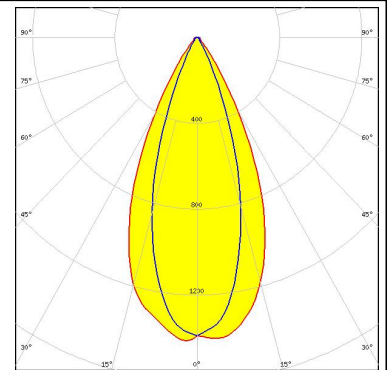
LED LUXEON V
FWHM 44.0 + 29.0°
Efficiency 80 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



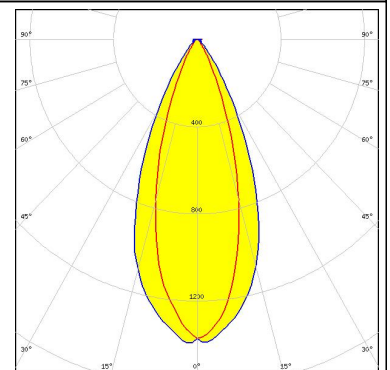
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM 49.0 + 34.0°
Efficiency 82 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM 46.0 + 32.0°
Efficiency 79 %
Peak intensity 1.390 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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