

IRIS-M

~25° medium beam optimized for CREE XM-L.
Assembly with holder, sublens and installation
tape.

SPECIFICATION:

Dimensions	Ø 38.0 mm
Height	29.2 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

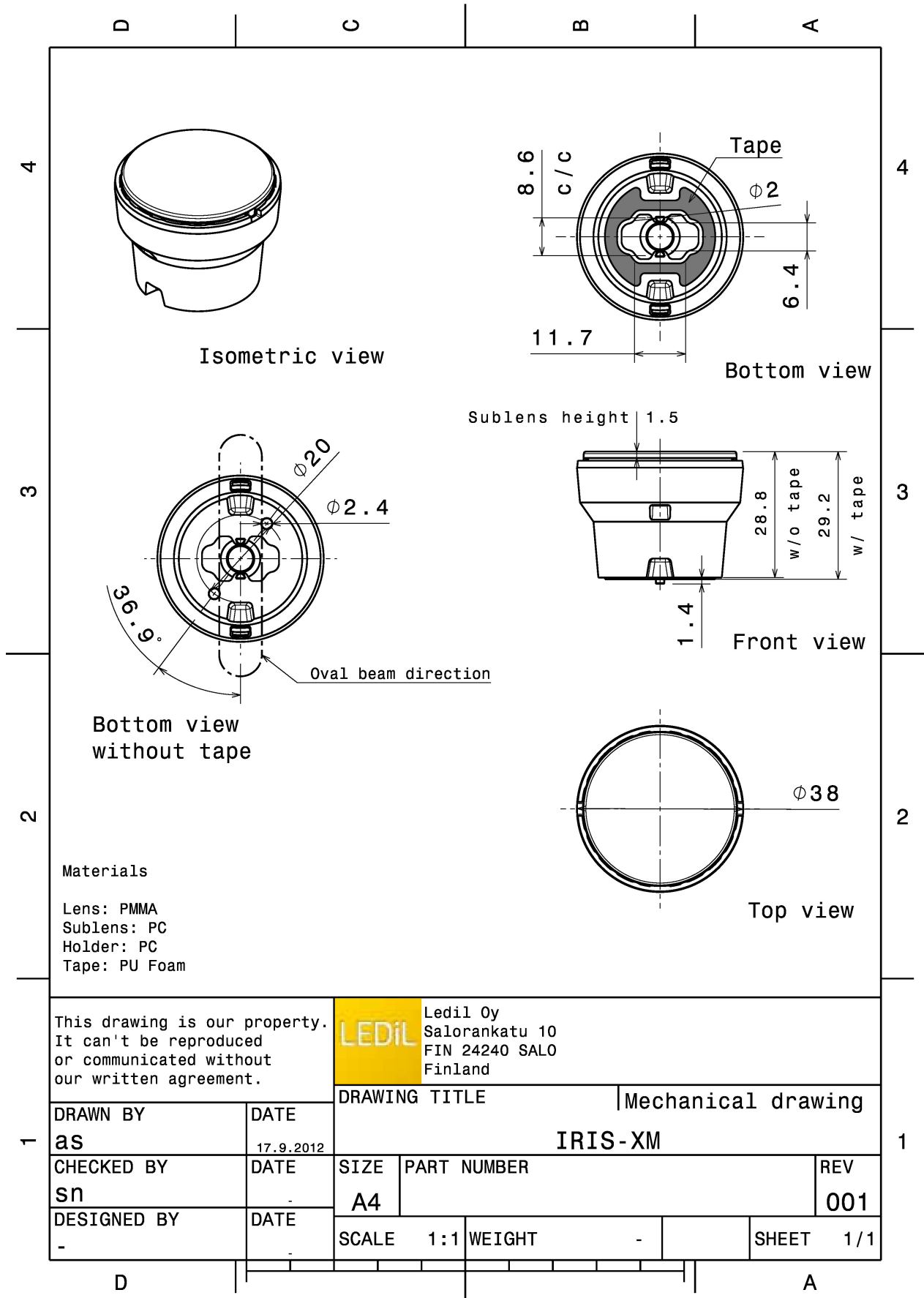


MATERIALS:

Component	Type	Material	Colour	Finish	Length
IRIS	Single lens	PMMA	clear		
IRIS-XM-HLD	Holder	PC	black		
SPUTNIK-TAPE	Tape	Acrylic foam	black		25.0
LEDILSTAR-SUB	Sublens	PC			

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FCA12777_IRIS-M » Box size: 480 x 280 x 300 mm	378	126	42	9.0



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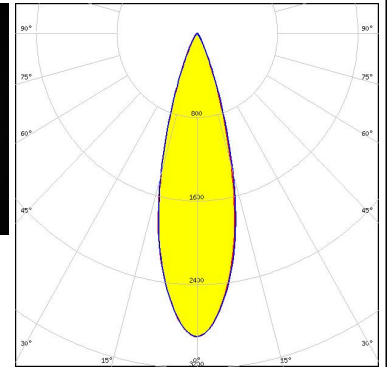
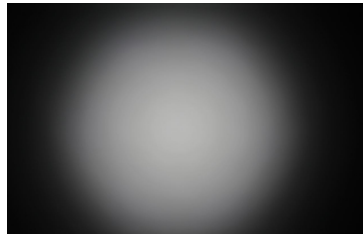
DRAWN BY as		DATE 17.9.2012	DRAWING TITLE IRIS-XM		Mechanical drawing
CHECKED BY sn	DATE -	SIZE A4	PART NUMBER	REV 001	
DESIGNED BY -	DATE -	SCALE 1:1	WEIGHT -	SHEET 1/1	

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

OPTICAL RESULTS (MEASURED):



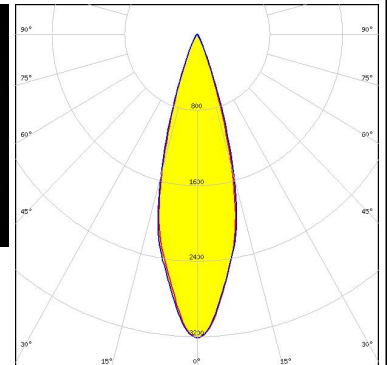
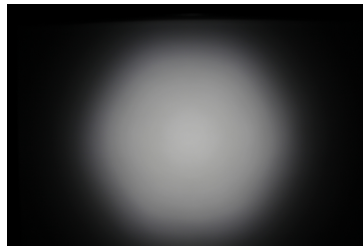
LED XHP35 HD
FWHM / FWTM 29.0° / 50.0°
Efficiency 83 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



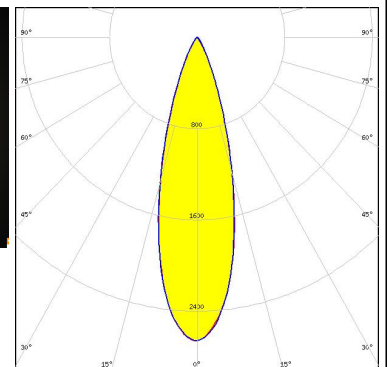
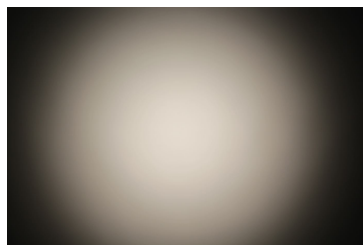
LED XHP35 HI
FWHM / FWTM 29.0° / 47.0°
Efficiency 85 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP50
FWHM / FWTM 29.0° / 53.0°
Efficiency 83 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

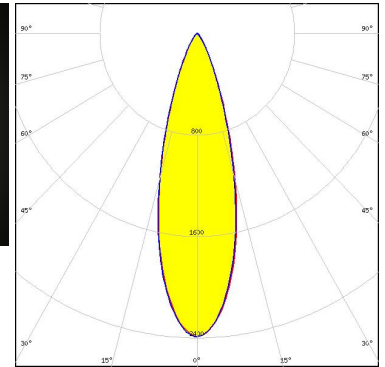
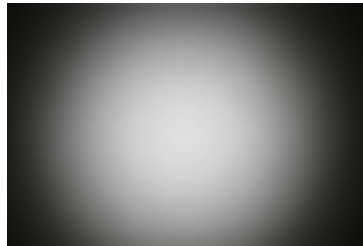


Light distribution files

OPTICAL RESULTS (MEASURED):



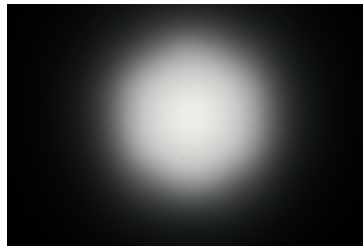
LED XHP50.2
FWHM / FWTM 30.0° / 55.0°
Efficiency 80 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



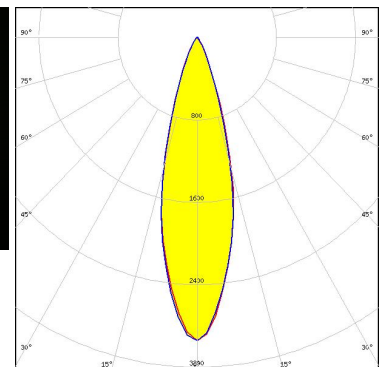
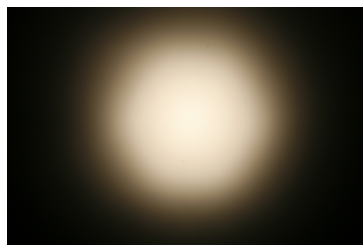
LED XM-L
FWHM / FWTM 28.0° / 50.0°
Efficiency 84 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L2
FWHM / FWTM 29.0° / 52.0°
Efficiency 80 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

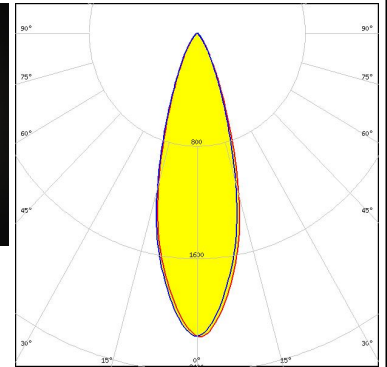
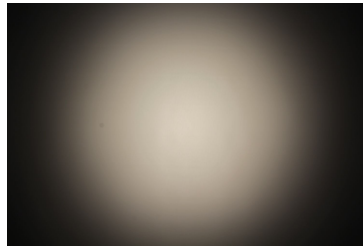


Light distribution files

OPTICAL RESULTS (MEASURED):



LED NFMW48xA
FWHM / FWTM 31.0° / 59.0°
Efficiency 80 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

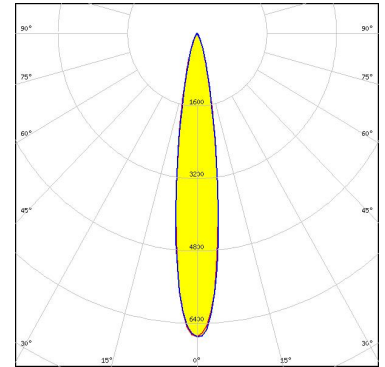


Light distribution files

OPTICAL RESULTS (SIMULATED):



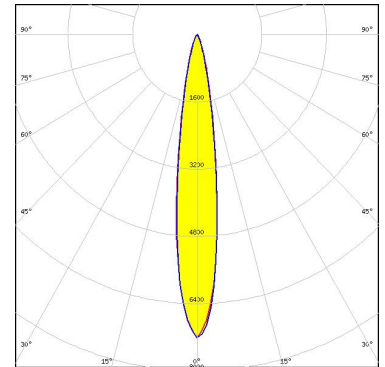
LED J Series 5050B 6V K Class
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 84 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



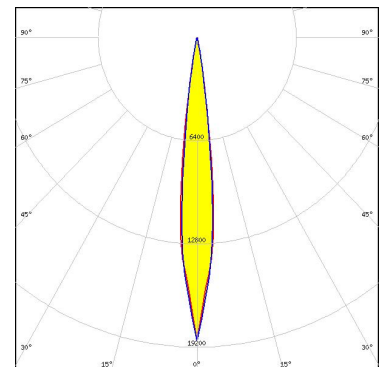
LED J Series 5050C 6V E Class
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 84 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-P
 FWHM / FWTM 12.0° / 20.0°
 Efficiency 86 %
 Peak intensity 18.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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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