

IRIS-M

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

TECHNICAL SPECIFICATIONS:

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

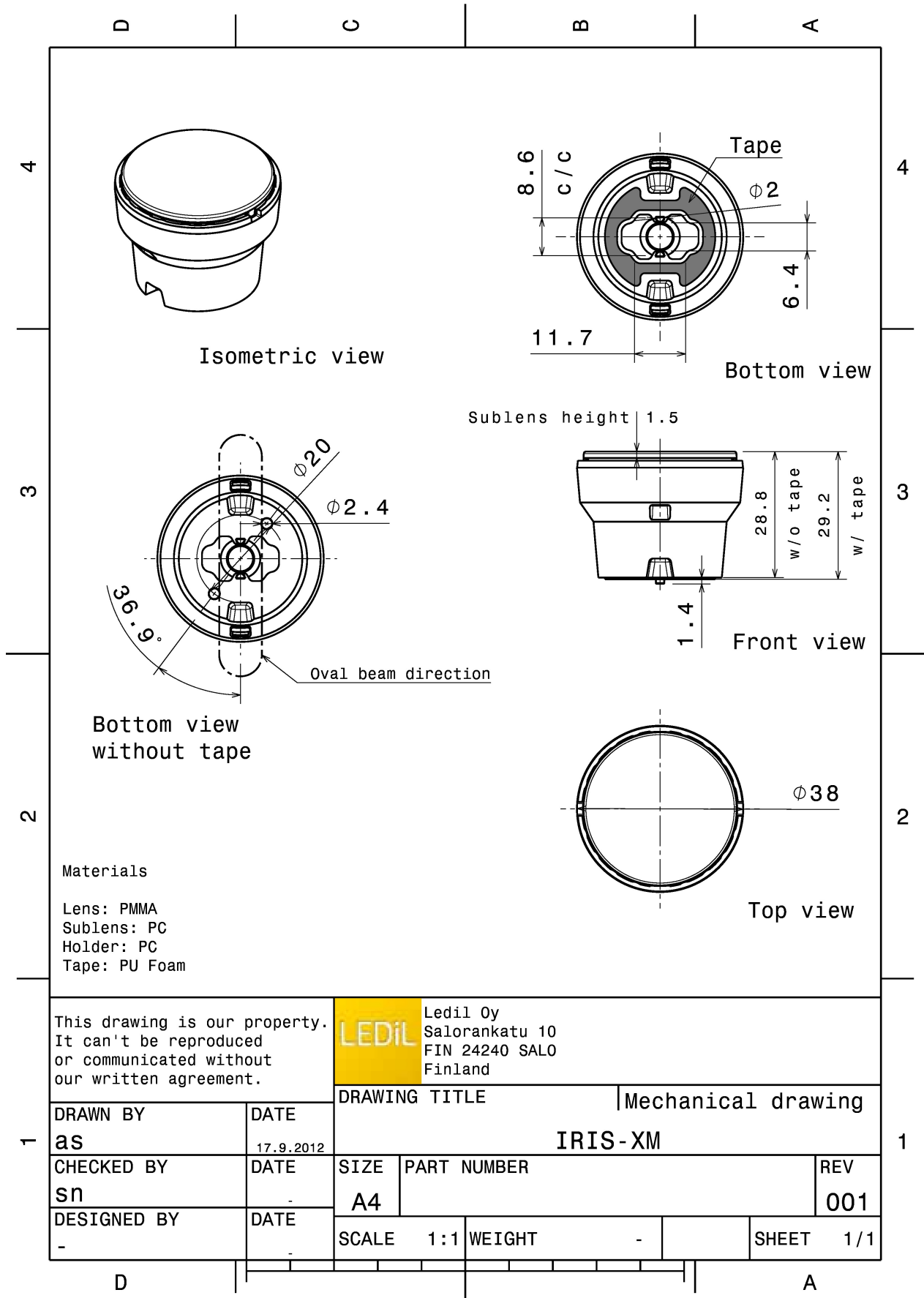
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

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





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DRAWN BY
as

DATE
17.9.2012

DRAWING TITLE | Mechanical drawing

CHECKED BY
sn

DATE
-

SIZE | PART NUMBER | REV

A4 | | **001**

DESIGNED BY
-

DATE
-

SCALE | WEIGHT | SHEET

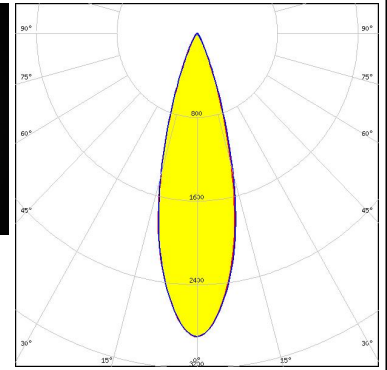
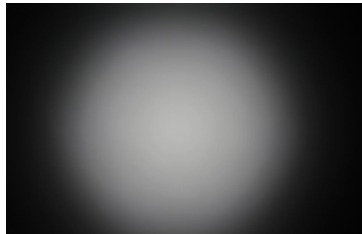
1:1 | - | **1/1**

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

PHOTOMETRIC DATA (MEASURED):

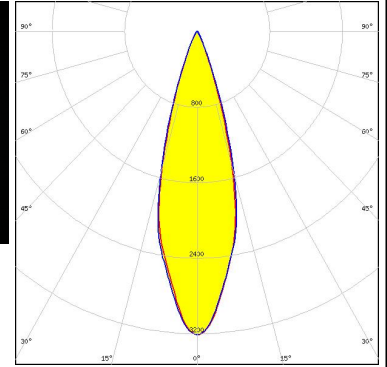
CREE → LED

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



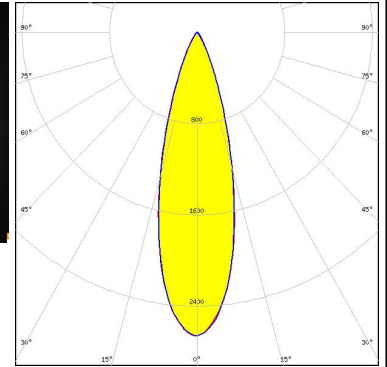
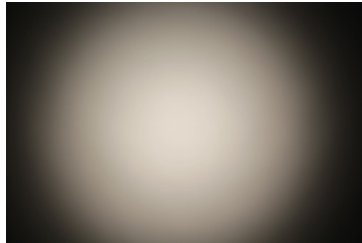
CREE → LED

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



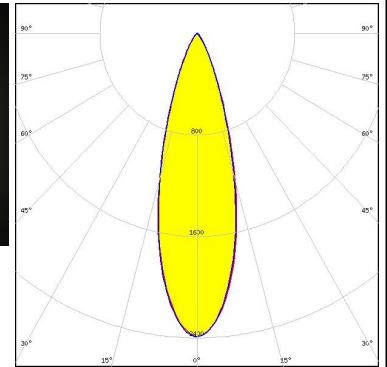
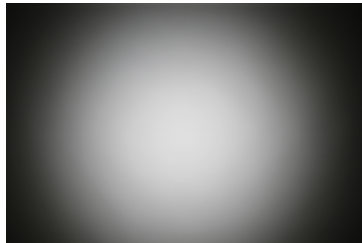
CREE → LED

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



CREE → LED

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



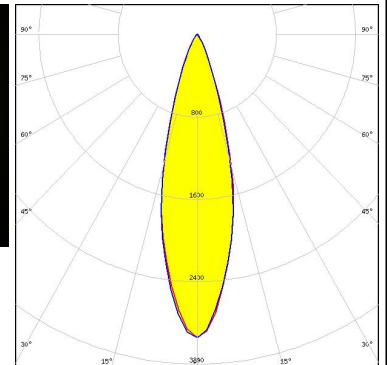
PHOTOMETRIC DATA (MEASURED):



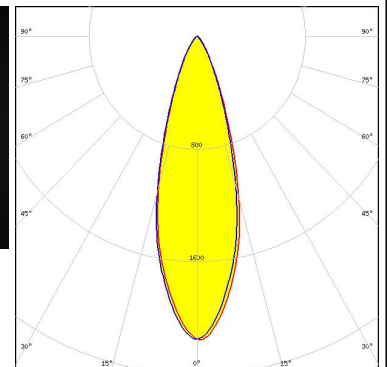
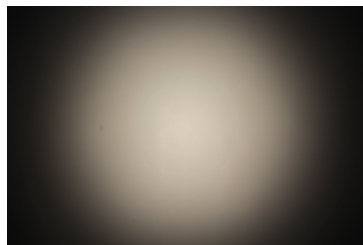
LED XM-L
 FWHM / FWTM 28.0° / 50.0°
 Efficiency 84 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



LED NFMW48xA
 FWHM / FWTM 31.0° / 59.0°
 Efficiency 80 %
 Peak intensity 2.2 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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