

IRIS-M

~25° medium 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 ⓘ

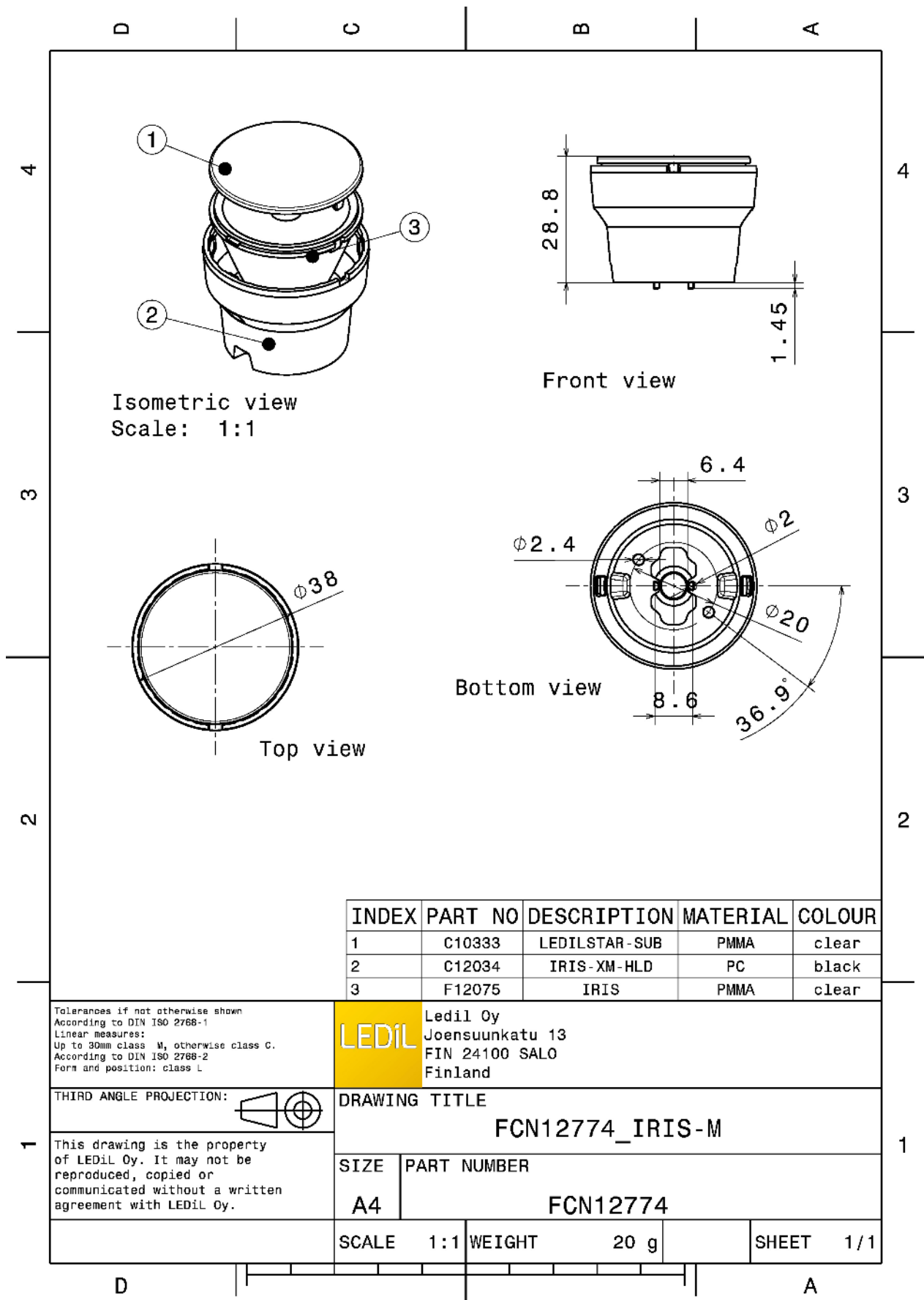
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

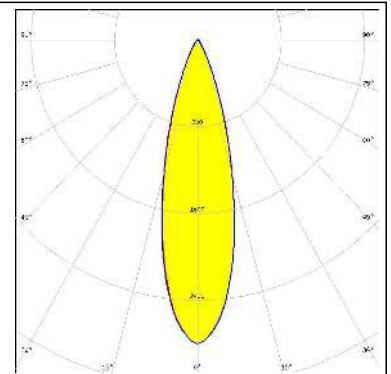
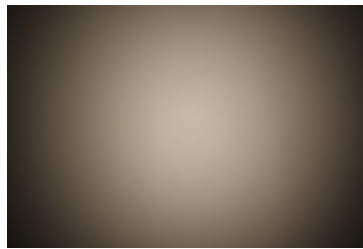
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCN12774_IRIS-M	Single lens	360	90	90	0.0
» Box size:					



PHOTOMETRIC DATA (MEASURED):

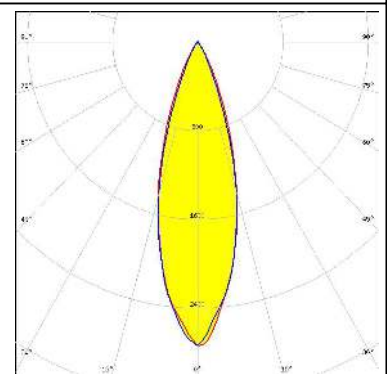
CREE

LED XHP50
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



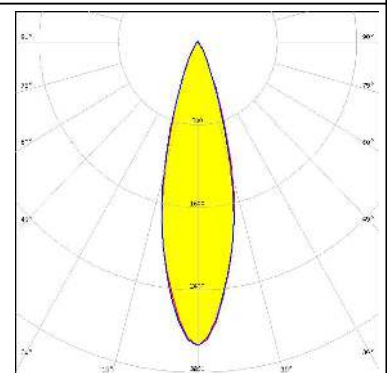
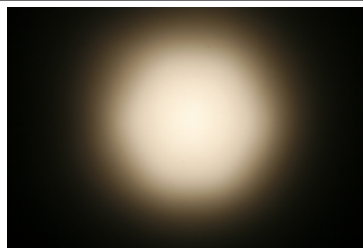
CREE

LED XM-L
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



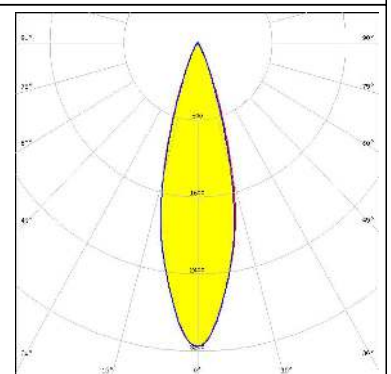
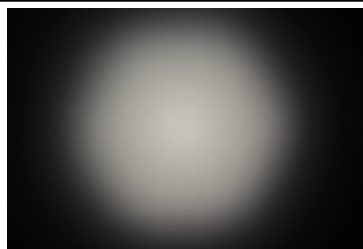
CREE

LED XM-L2
 FWHM 29.0°
 Efficiency 80 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

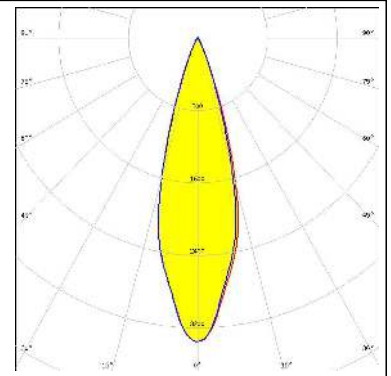
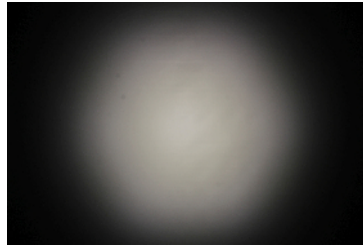
LED LUXEON V
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 3.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):



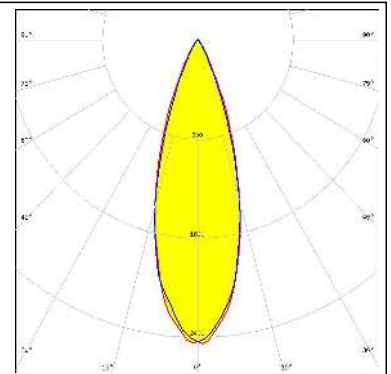
LED NVSW219F
FWHM 29.0°
Efficiency 86 %
Peak intensity 3.400 cd/m
LEDs/each optic 1
Light colour White
Required components:



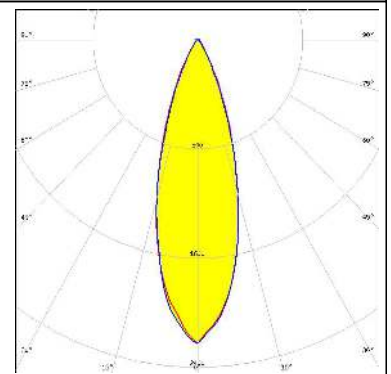
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM 32.0°
Efficiency 87 %
Peak intensity 2.490 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM 32.0°
Efficiency 83 %
Peak intensity 2.230 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

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