

## 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 ⓘ

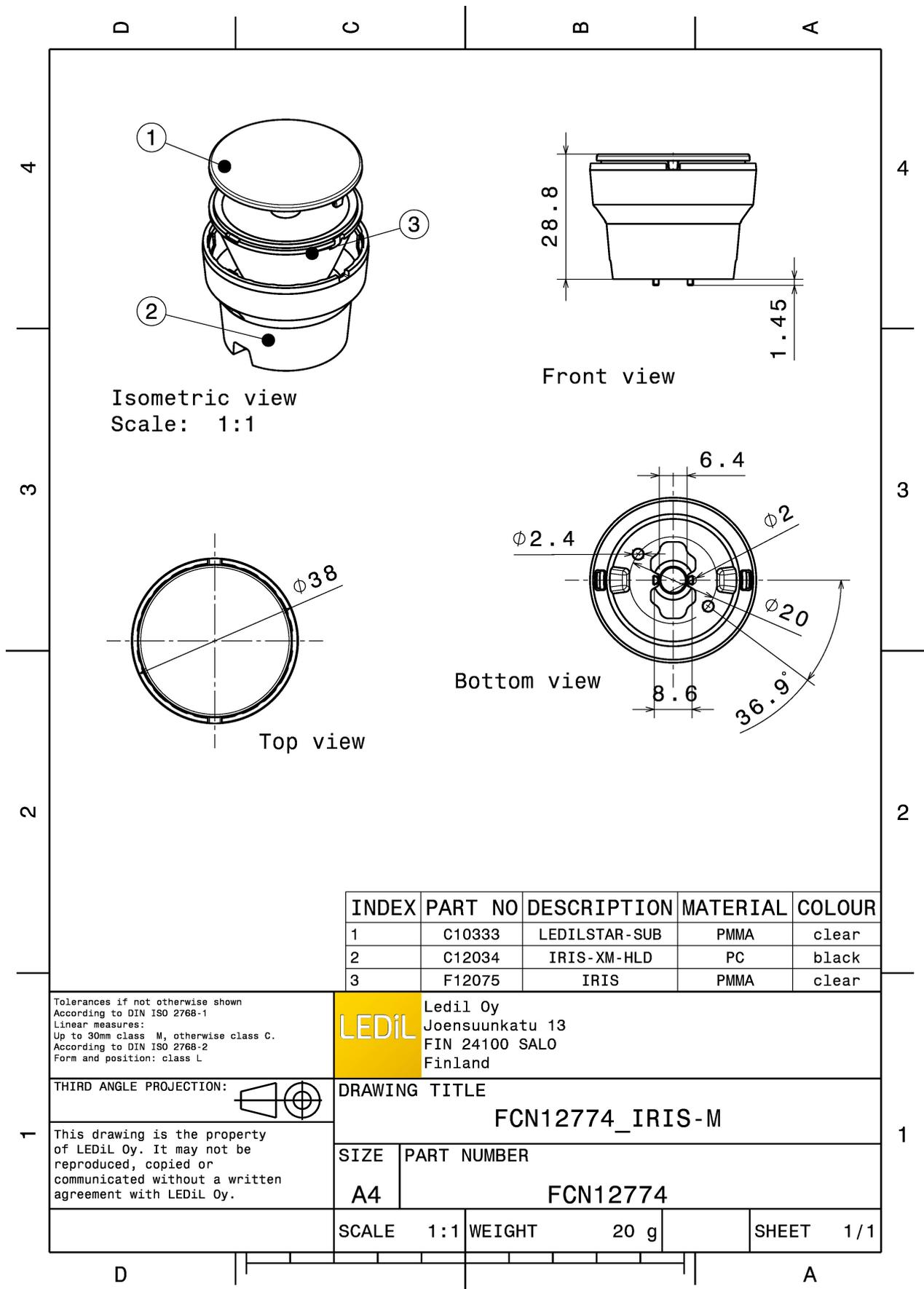
### MATERIAL SPECIFICATIONS:

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:					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10333	LEDILSTAR-SUB	PMMA	clear
2	C12034	IRIS-XM-HLD	PC	black
3	F12075	IRIS	PMMA	clear

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class M, otherwise class C.  
According to DIN ISO 2768-2  
Form and position: class L

**LEDiL** Ledil Oy  
Joensuunkatu 13  
FIN 24100 SALO  
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**FCN12774\_IRIS-M**

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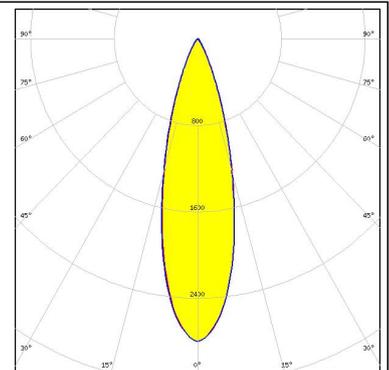
SIZE	PART NUMBER
A4	FCN12774

SCALE	1:1	WEIGHT	20 g	SHEET	1/1
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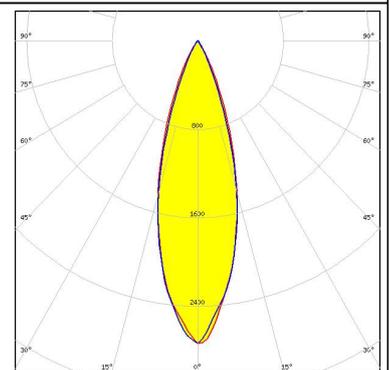
#### PHOTOMETRIC DATA (MEASURED):



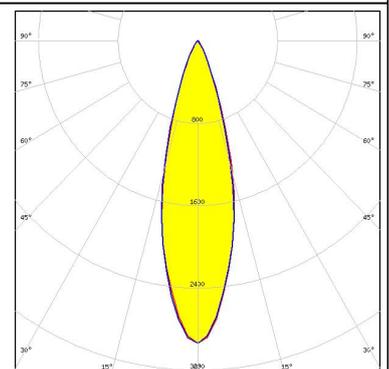
LED XHP50  
 FWHM 28.0°  
 Efficiency 84 %  
 Peak intensity 2.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



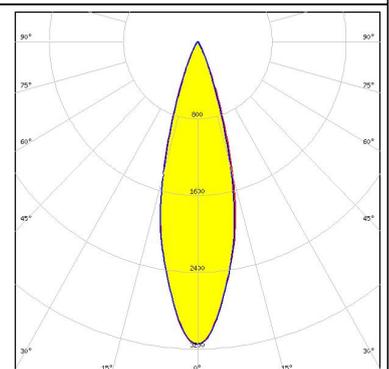
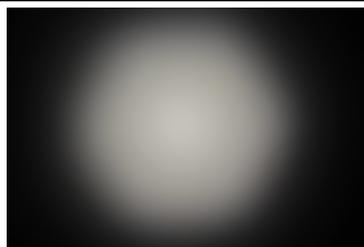
LED XM-L  
 FWHM 28.0°  
 Efficiency 84 %  
 Peak intensity 1.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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



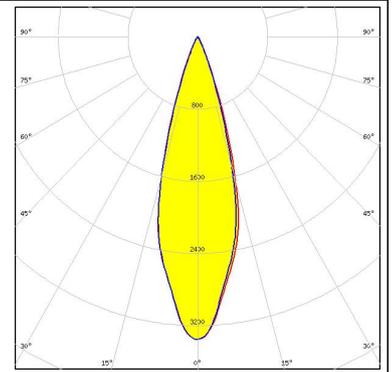
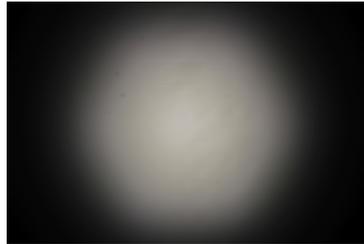
LED LUXEON V  
 FWHM 28.0°  
 Efficiency 84 %  
 Peak intensity 3.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):



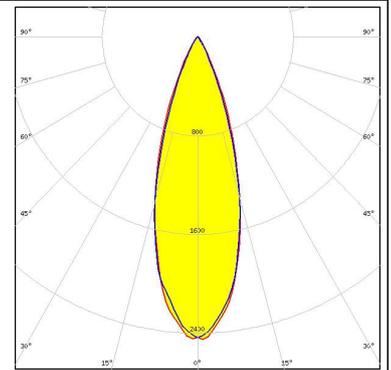
LED NVSW219F  
FWHM 29.0°  
Efficiency 86 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



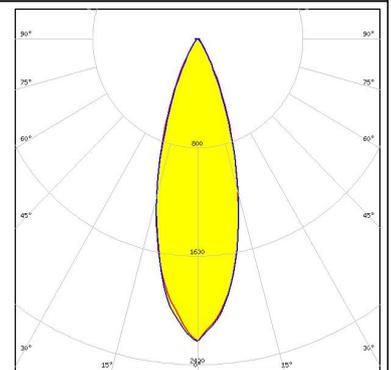
### PHOTOMETRIC DATA (SIMULATED):



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:

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