

IRIS-M

~25° medium beam with sublens and holder
optimized for CREE XM-L

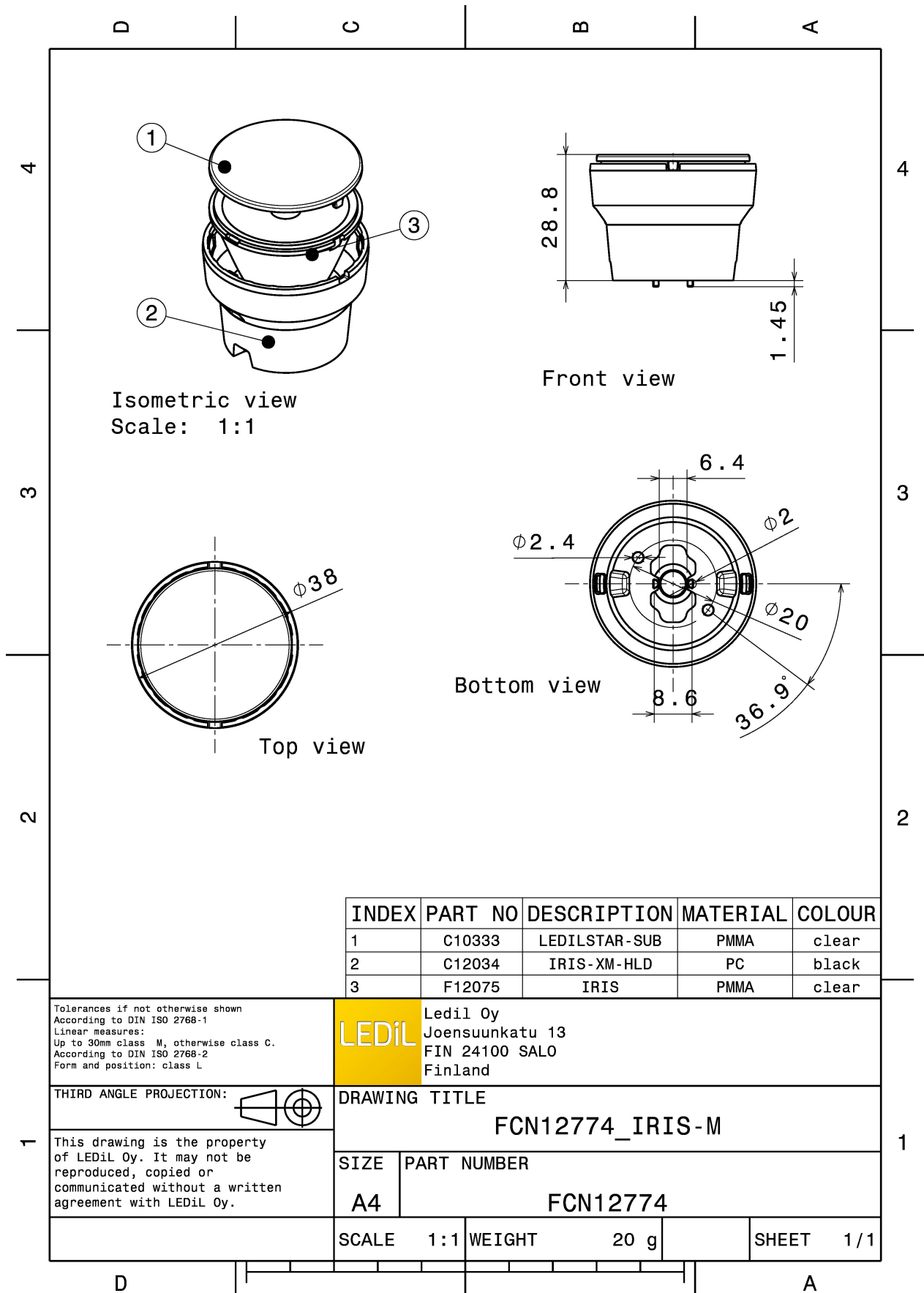
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38 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:

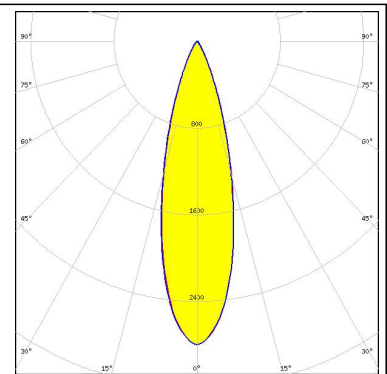
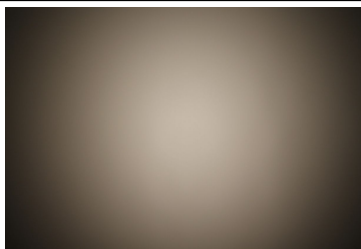
Component	Type	Material	Colour
LEDILSTAR-SUB	Lens	PC	
IRIS	Lens	PMMA	clear
IRIS-XM-HLD	Holder	PC	black



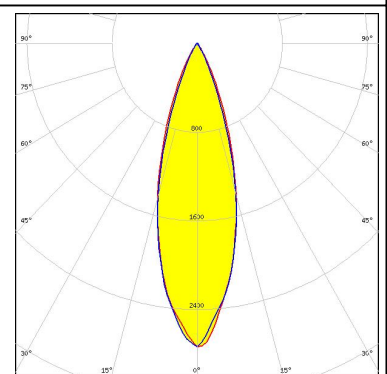
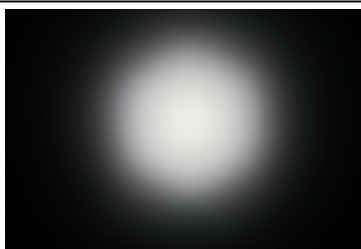
PHOTOMETRIC DATA (MEASURED):



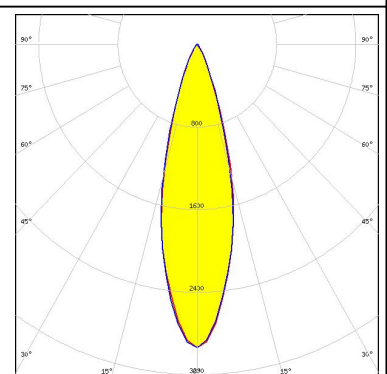
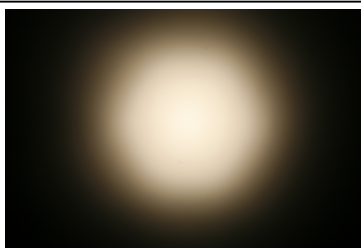
LED XHP50
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 2.800 cd/lm
 Required components:



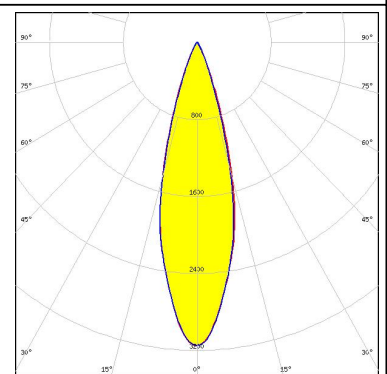
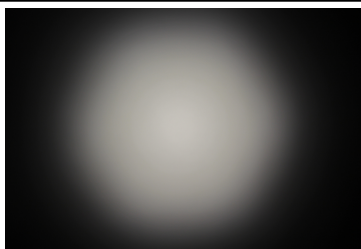
LED XM-L
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 1.400 cd/lm
 Required components:



LED XM-L2
 FWHM 29.0°
 Efficiency 80 %
 Peak intensity 2.900 cd/lm
 Required components:



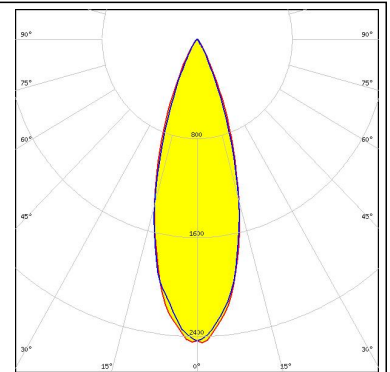
LED LUXEON V
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 3.200 cd/lm
 Required components:



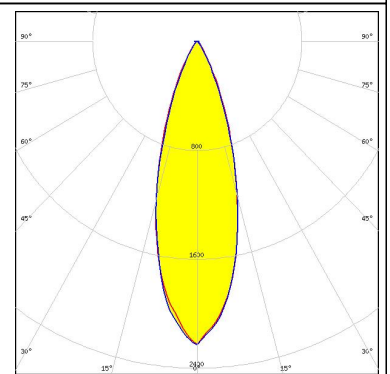
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM 32.0°
Efficiency 87 %
Peak intensity 2.490 cd/lm
Required components:



LED XHP50.2
FWHM 32.0°
Efficiency 83 %
Peak intensity 2.230 cd/lm
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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