

IRIS

~5° real spot beam optimized for CREE XM-L.
Assembly with holder and installation tape.

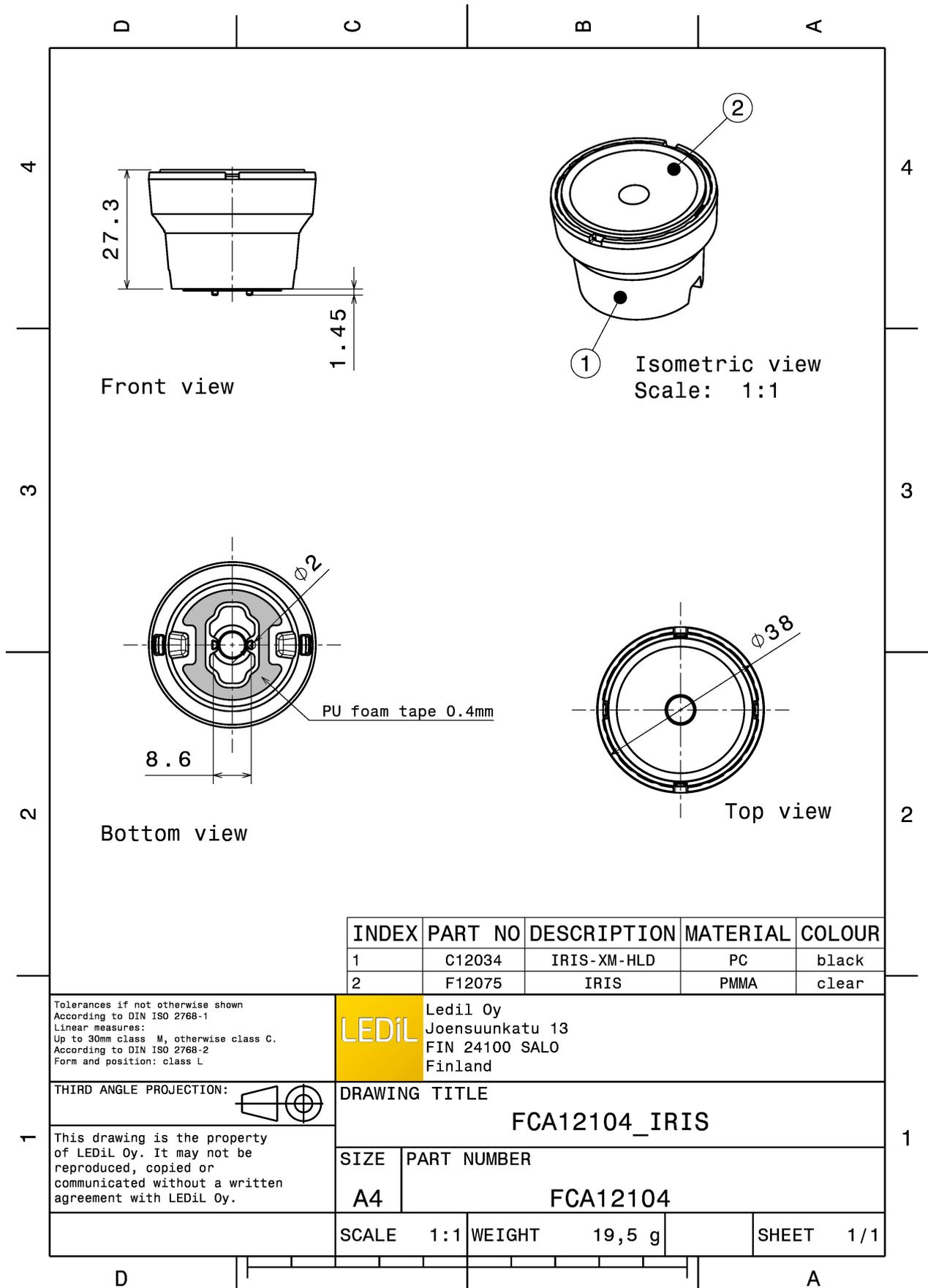
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	27.7 mm
Fastening	tape, pin, screw
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9 kg
Quantity in Box	378 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

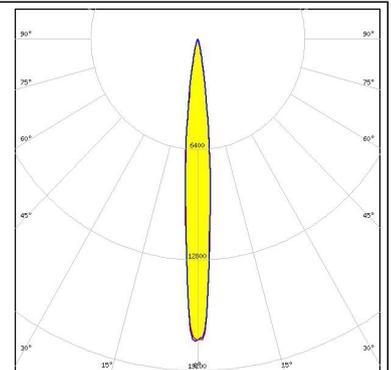
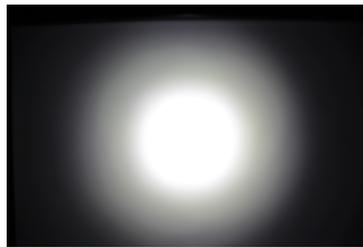
Component	Type	Material	Colour
IRIS	Single lens	PMMA	clear
IRIS-XM-HLD	Holder	PC	black
SPUTNIK-TAPE	Tape	PU tape	black



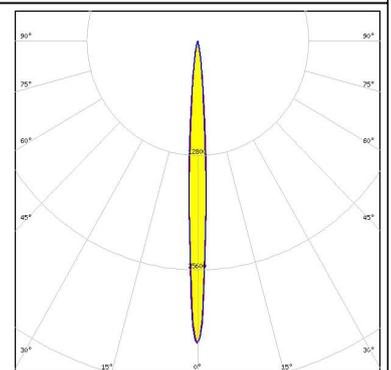
PHOTOMETRIC DATA (MEASURED):



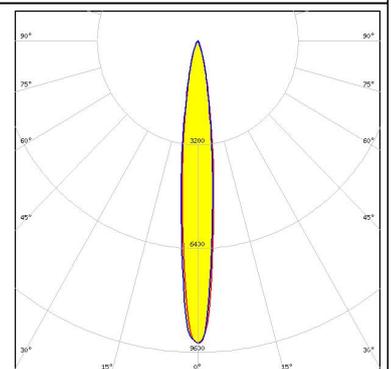
LED XHP35 HD
FWHM 10.0°
Efficiency 91 %
Peak intensity 17.500 cd/Im
Required components:



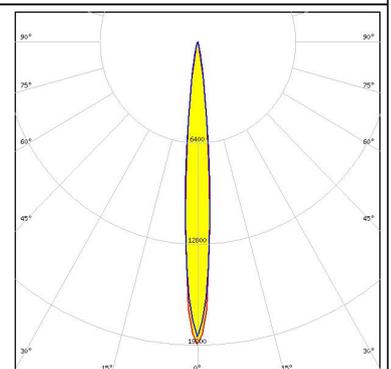
LED XHP35 HI
FWHM 7.0°
Efficiency 93 %
Peak intensity 33.800 cd/Im
Required components:



LED XHP50.2
FWHM 12.0°
Efficiency 88 %
Peak intensity 9.300 cd/Im
Required components:



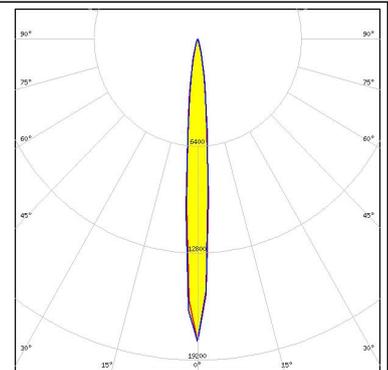
LED XM-L
FWHM 9.0°
Efficiency 91 %
Peak intensity 19.200 cd/Im
Required components:



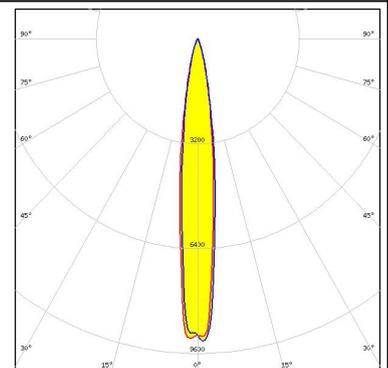
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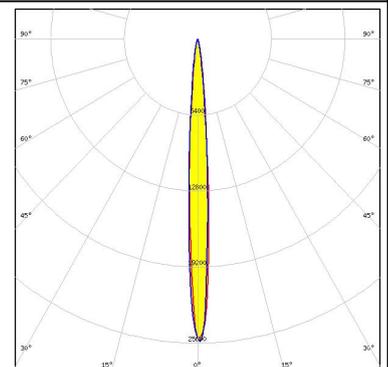
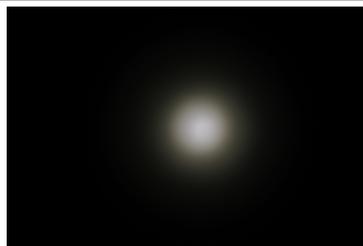
LED XM-L2
 FWHM 10.0°
 Efficiency 86 %
 Peak intensity 18.100 cd/lm
 Required components:



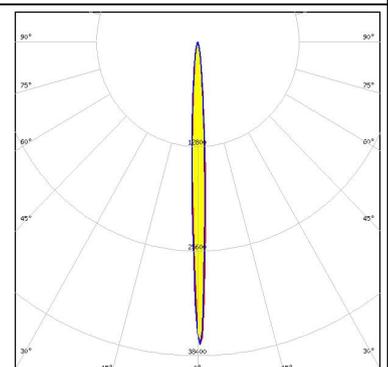
LED NV4x144A
 FWHM 13.0°
 Efficiency 89 %
 Peak intensity 9.300 cd/lm
 Required components:



LED NVSW3x9A
 FWHM 7.0°
 Efficiency 85 %
 Peak intensity 25.500 cd/lm
 Required components:



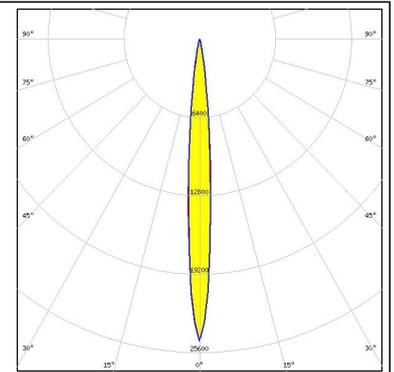
LED OSCONIQ P 3737 (2W version)
 FWHM 5.0°
 Efficiency 91 %
 Peak intensity 38.800 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XP-L HD
FWHM 8.8°
Efficiency 93 %
Peak intensity 24.700 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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