

IRIS

~10° spot beam with holder optimized for Luminus SST-50

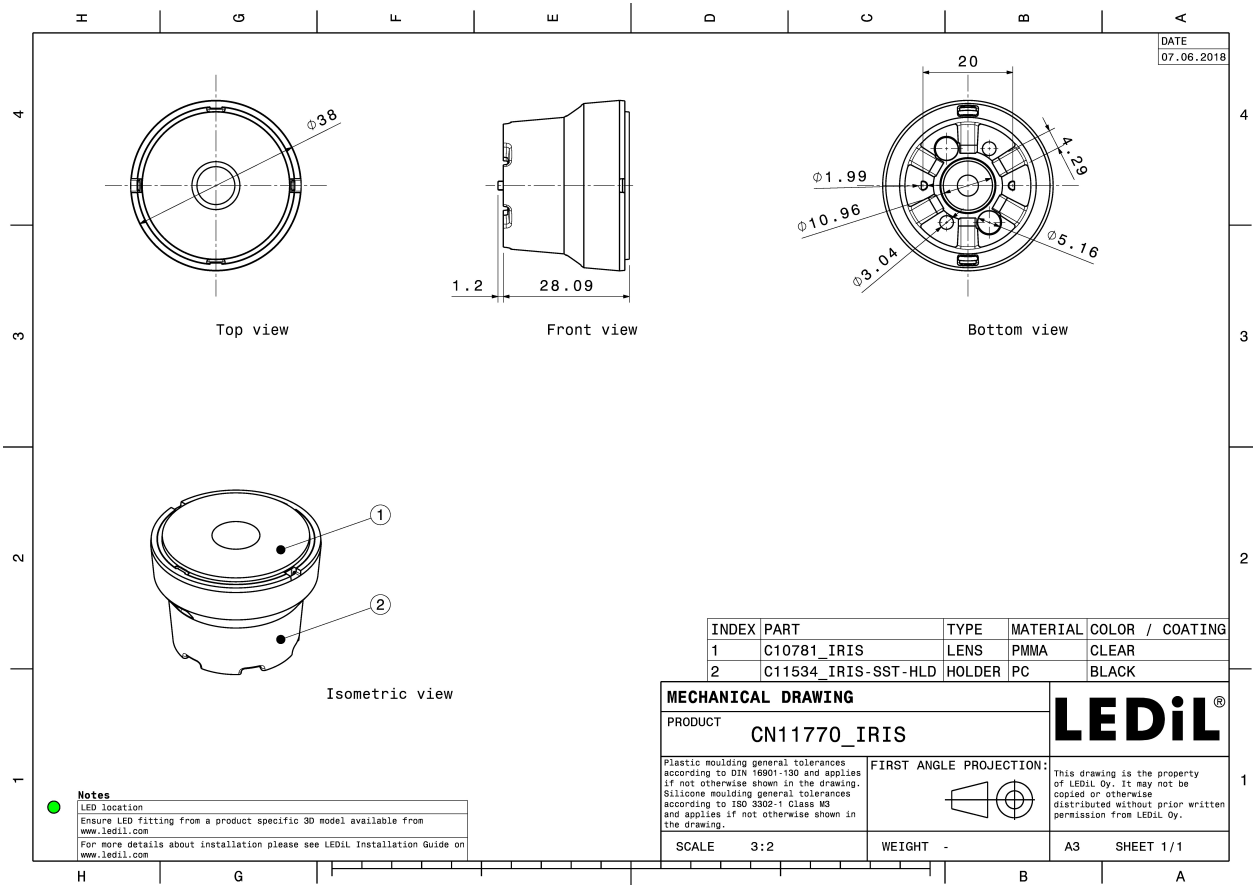
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.1 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	348 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

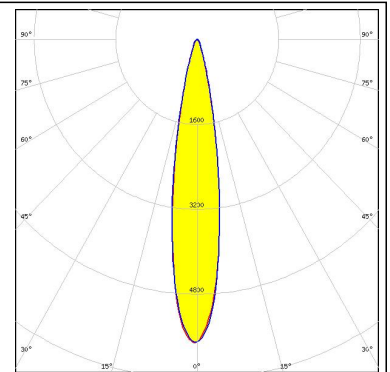
Component	Type	Material	Colour
IRIS	Single lens	PMMA	clear
IRIS-SST-HLD	Holder	PC	black



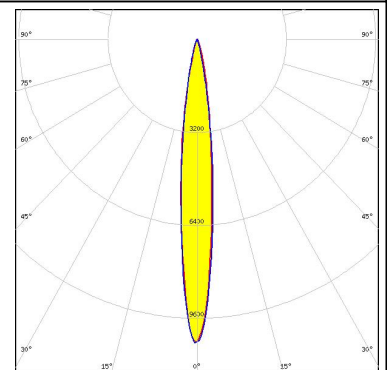
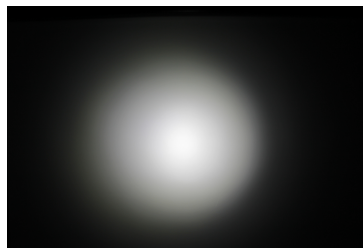
PHOTOMETRIC DATA (MEASURED):



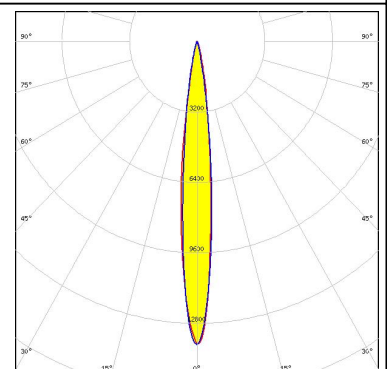
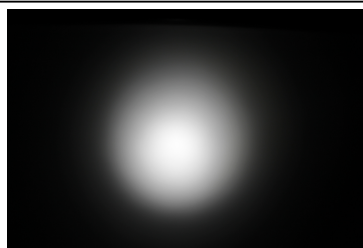
LED MHD-E/G
 FWHM 18.0°
 Efficiency 93 %
 Peak intensity 5.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



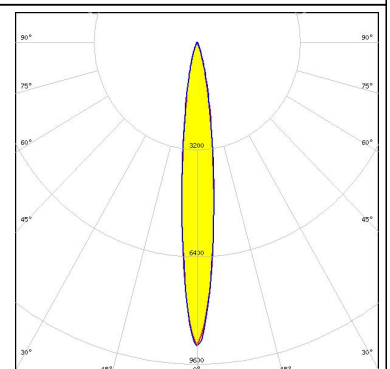
LED XHP35 HD
 FWHM 12.0°
 Efficiency 85 %
 Peak intensity 10.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP35 HI
 FWHM 11.0°
 Efficiency 87 %
 Peak intensity 14.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



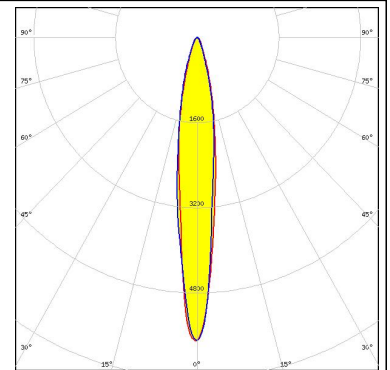
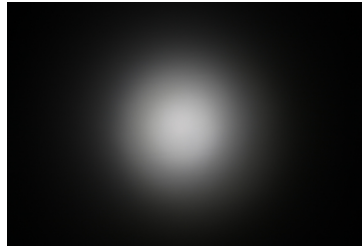
LED XHP50
 FWHM 13.0°
 Efficiency 83 %
 Peak intensity 9.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



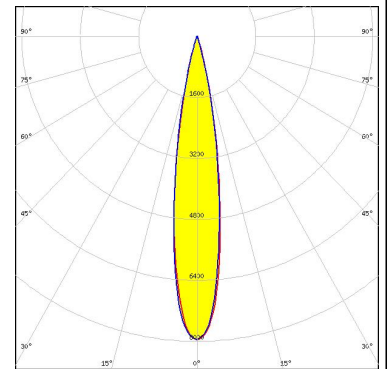
PHOTOMETRIC DATA (MEASURED):



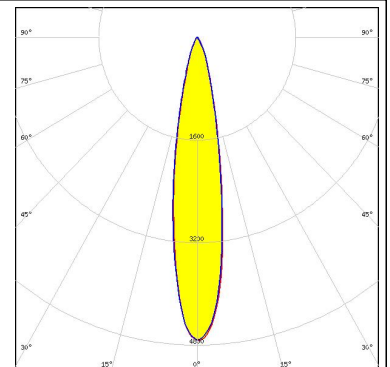
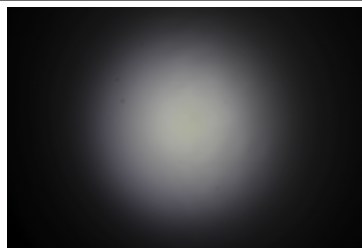
LED XHP70
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 5.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



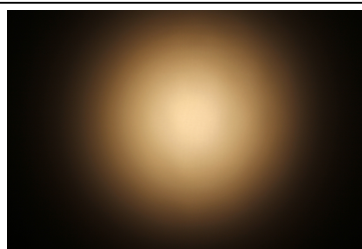
LED SST-90
 FWHM 17.0°
 Efficiency 0 %
 Peak intensity 6.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NV9W149AM
 FWHM 19.0°
 Efficiency 80 %
 Peak intensity 4.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



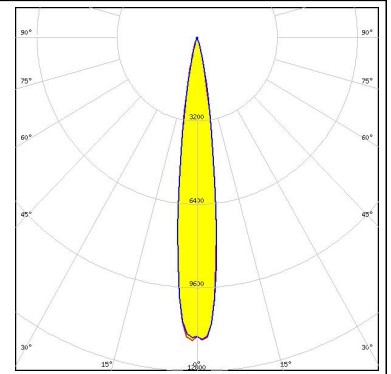
LED Duris S10
 FWHM 15.0°
 Efficiency 83 %
 Peak intensity 7.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NV4x144A
FWHM 14.0°
Efficiency 91 %
Peak intensity 11.649 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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