

IRIS-M

~25° medium beam with sublens and holder optimized for Luminus SST-50

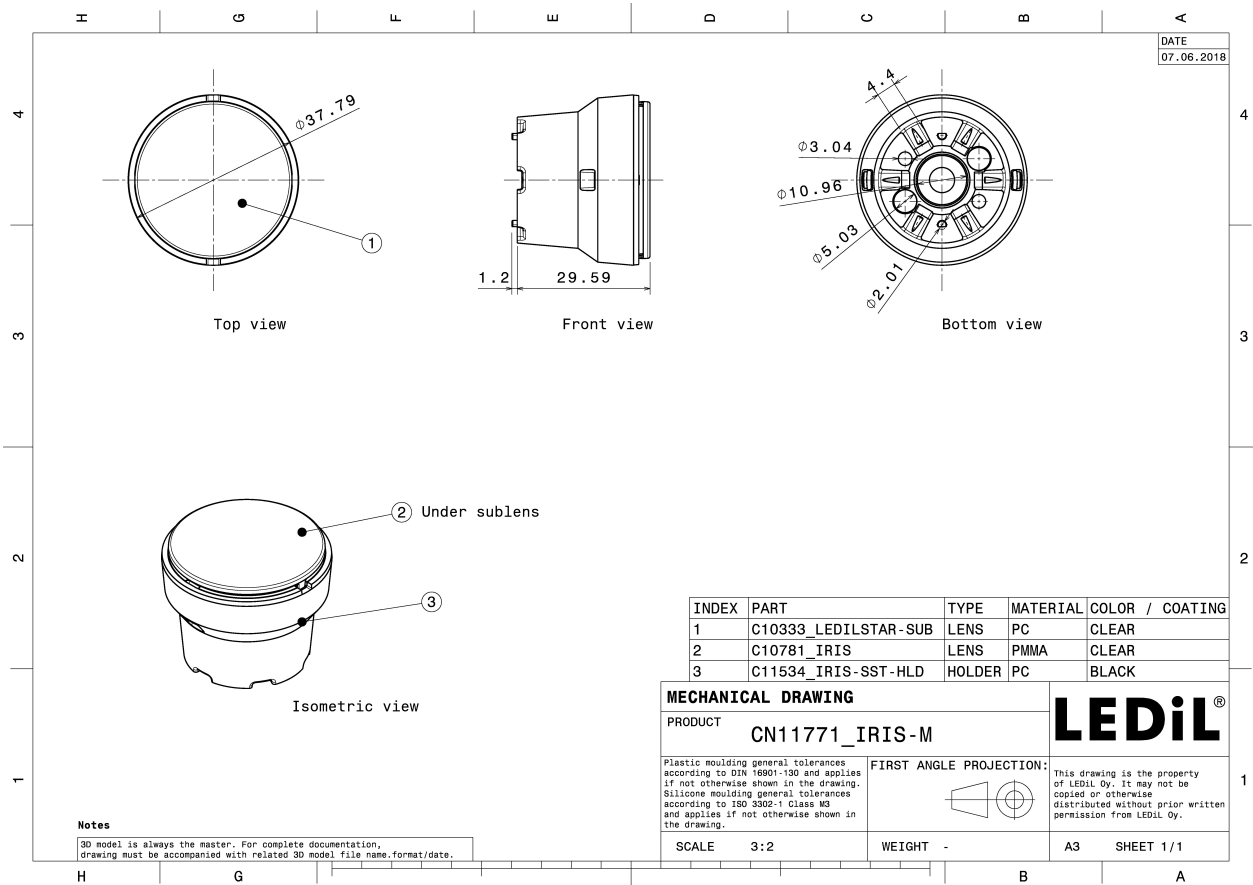
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38 mm
Height	29.6 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	348 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

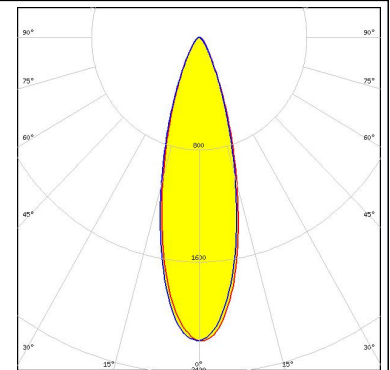
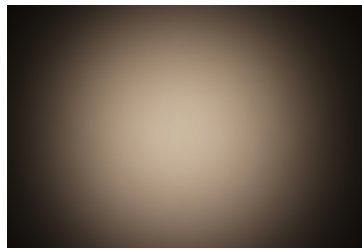
Component	Type	Material	Colour
LEDILSTAR-SUB	Lens	PC	
IRIS	Lens	PMMA	clear
IRIS-SST-HLD	Holder	PC	black



PHOTOMETRIC DATA (MEASURED):

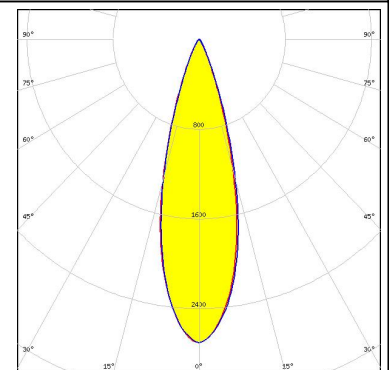
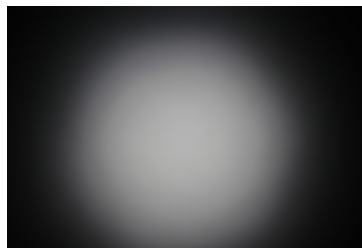
CREE 

LED MHD-E/G
FWHM 30.0°
Efficiency 83 %
Peak intensity 2.200 cd/lm
Required components:



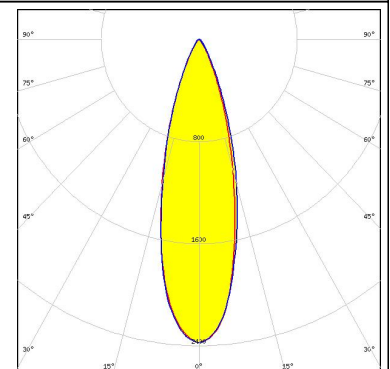
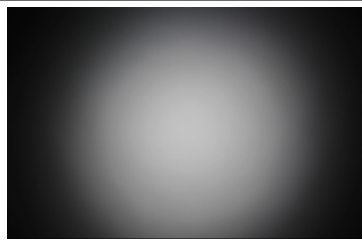
CREE 

LED XHP35 HD
FWHM 29.0°
Efficiency 79 %
Peak intensity 2.700 cd/lm
Required components:



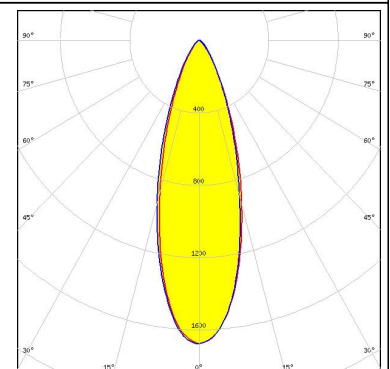
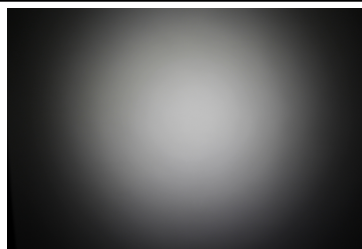
CREE 

LED XHP35 HI
FWHM 29.0°
Efficiency 80 %
Peak intensity 2.400 cd/lm
Required components:



CREE 

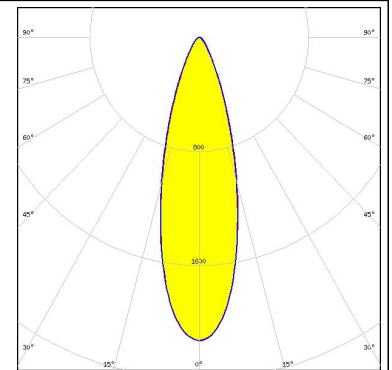
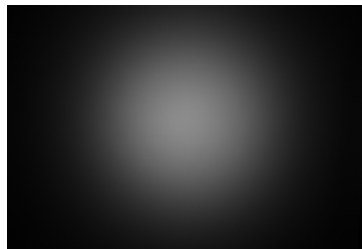
LED XHP50.2
FWHM 32.0°
Efficiency 73 %
Peak intensity 1.700 cd/lm
Required components:



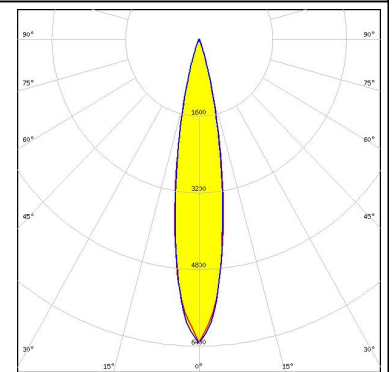
PHOTOMETRIC DATA (MEASURED):



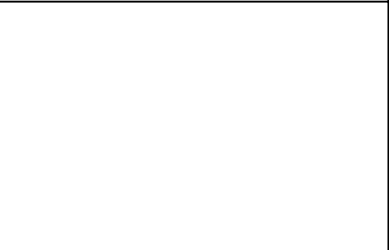
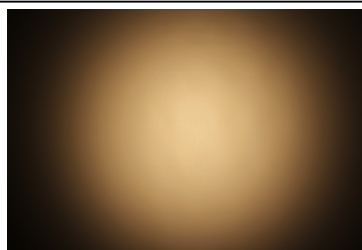
LED XHP70
 FWHM 30.0°
 Efficiency 83 %
 Peak intensity 2.100 cd/lm
 Required components:



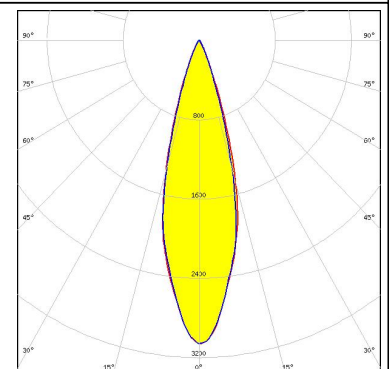
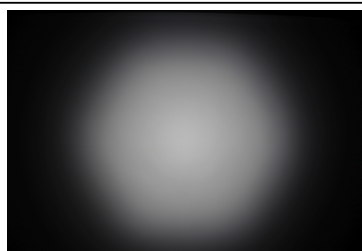
LED SST-90
 FWHM 18.0°
 Efficiency %
 Peak intensity cd/lm
 Required components:



LED Duris S10
 FWHM 29.0°
 Efficiency 78 %
 Peak intensity 2.700 cd/lm
 Required components:



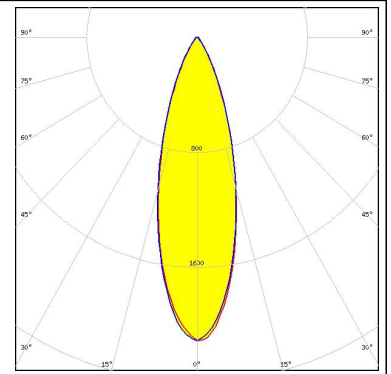
LED Oslon Square Gen3
 FWHM 29.0°
 Efficiency 79 %
 Peak intensity 3.100 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XHP70.2
FWHM 30.7°
Efficiency 80 %
Peak intensity 2.110 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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