

IRIS

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



TECHNICAL SPECIFICATIONS:

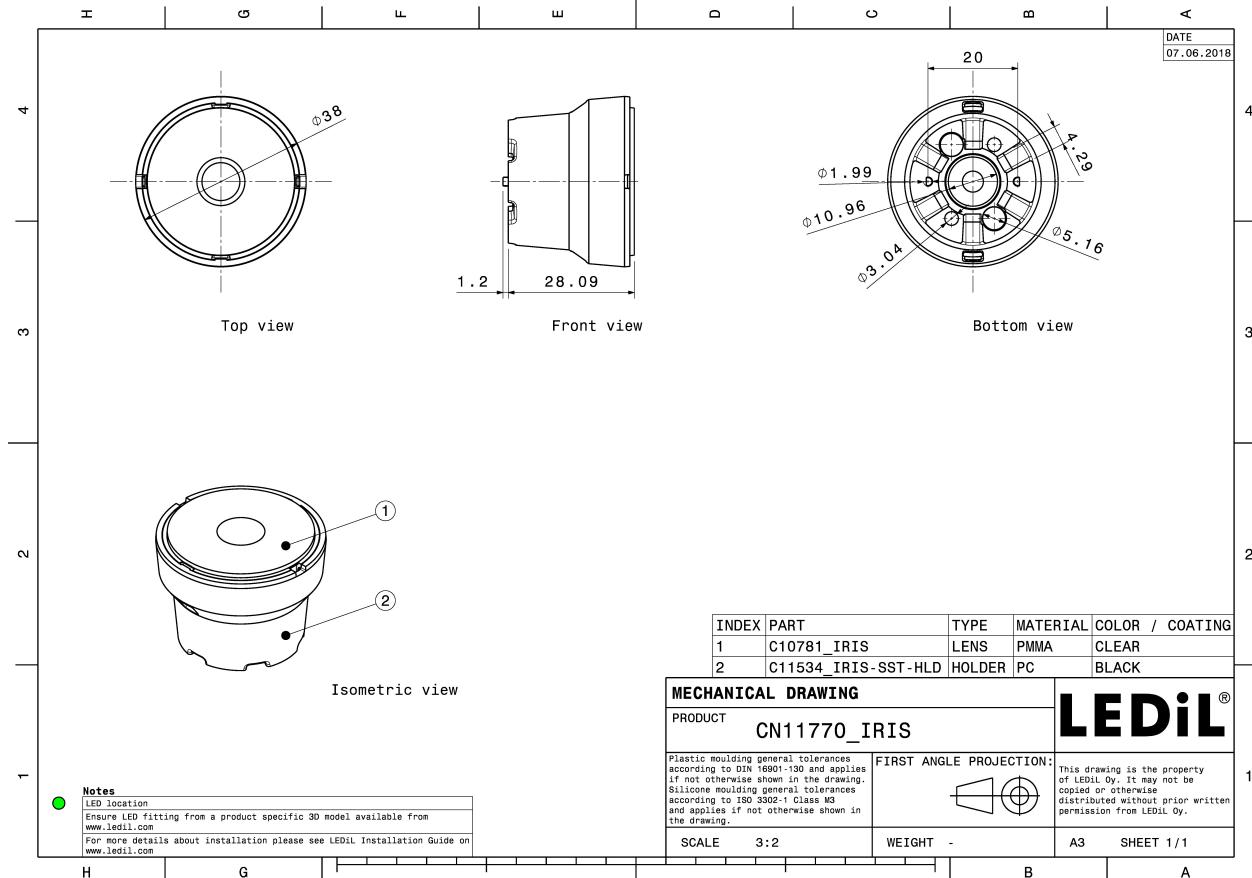
Dimensions	Ø 38.0 mm
Height	28.1 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

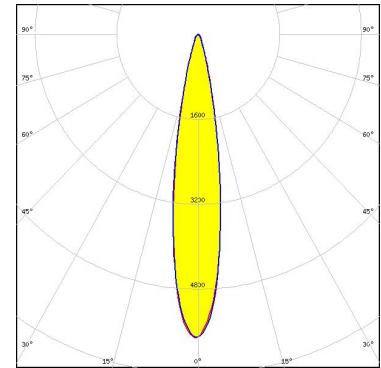
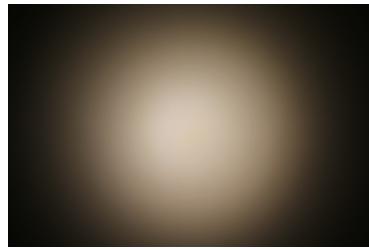
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CN11770_IRIS	348	116	116	0.0
» Box size:				



PHOTOMETRIC DATA (MEASURED):

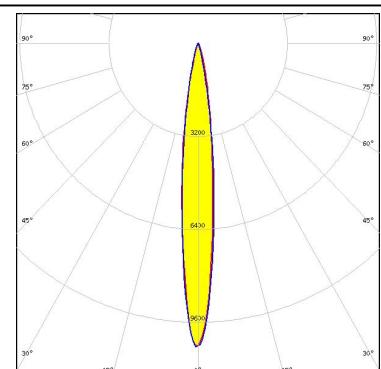
CREE 

LED MHD-E/G
FWHM 18.0°
Efficiency 93 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



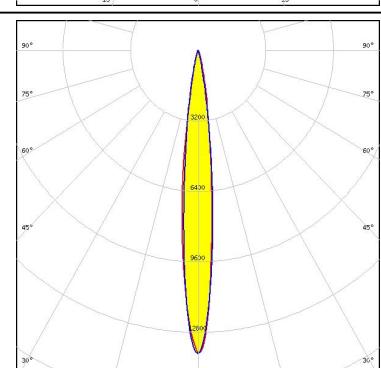
CREE 

LED XHP35 HD
FWHM 12.0°
Efficiency 85 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:



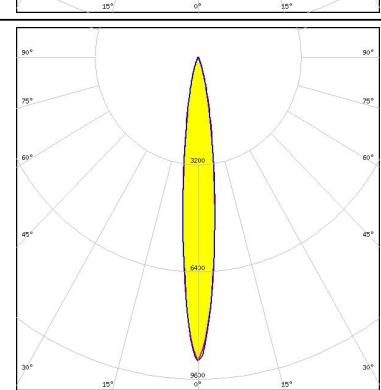
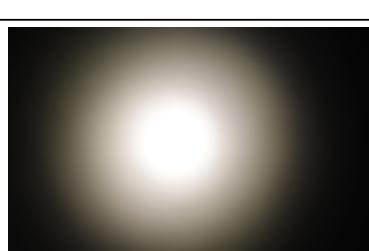
CREE 

LED XHP35 HI
FWHM 11.0°
Efficiency 87 %
Peak intensity 14 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

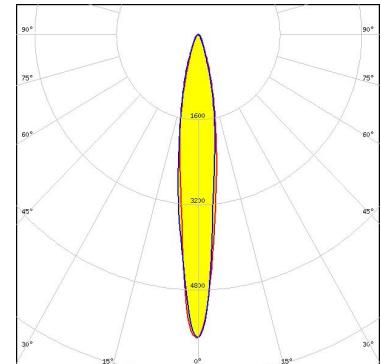
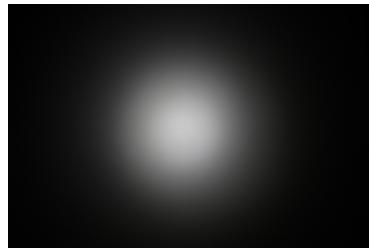
LED XHP50
FWHM 13.0°
Efficiency 83 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

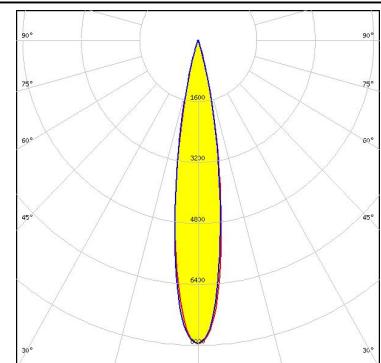
CREE

LED XHP70
FWHM 14.0°
Efficiency 90 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



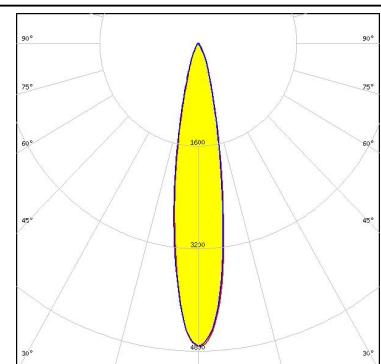
LUMINUS

LED SST-90
FWHM 17.0°
Efficiency 0 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



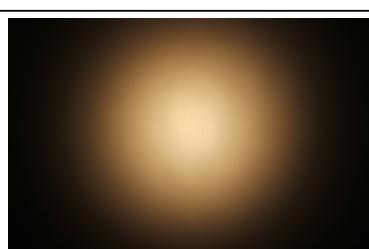
NICHIA

LED NV9W149AM
FWHM 19.0°
Efficiency 80 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

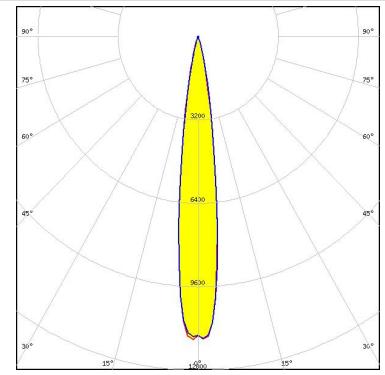
Opto Semiconductors
LED Duris S10
FWHM 15.0°
Efficiency 83 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NV4x144A
FWHM 14.0°
Efficiency 91 %
Peak intensity 11.6 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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