

### IRIS

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

#### SPECIFICATION:

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

#### MATERIALS:

Component	Type	Material	Colour	Finish
C10781_IRIS	Single lens	PMMA	clear	
C11534_IRIS-SST-HLD	Holder	PC	black	



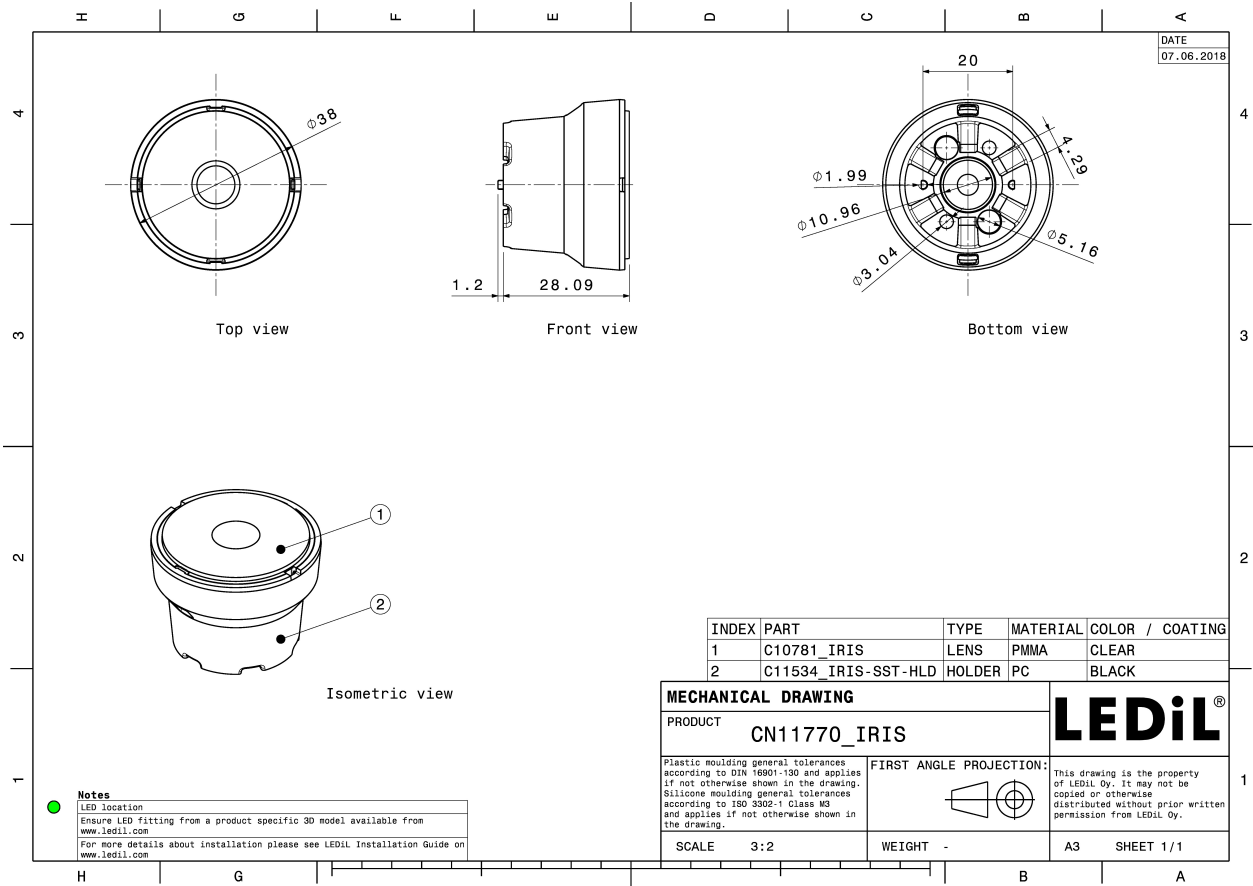
LEDiL®

#### ORDERING INFORMATION:

##### Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C10781_IRIS	Single lens	580	116	58	9.0
» Box size: 480 x 280 x 300 mm					
C11534_IRIS-SST-HLD	Holder	1044	116	29	6.8
» Box size: 480 x 280 x 300 mm					

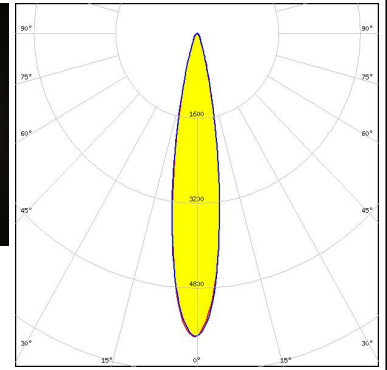
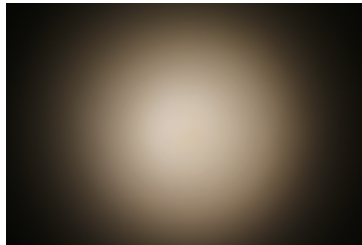


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

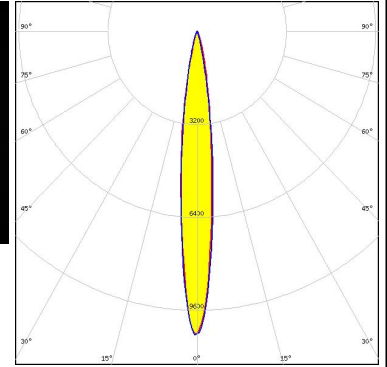
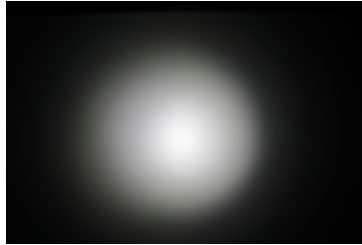
#### CREE LED

LED MHD-E/G  
 FWHM / FWTM 18.0° / 36.0°  
 Efficiency 93 %  
 Peak intensity 5.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



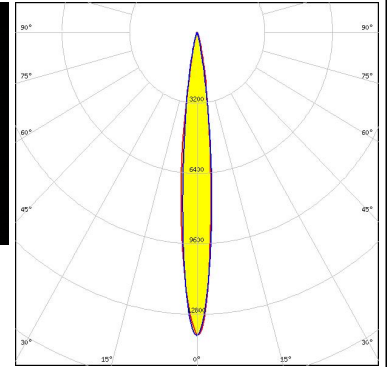
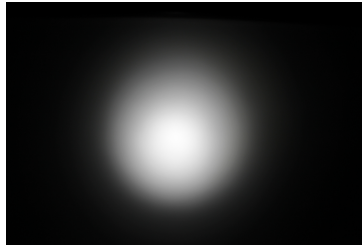
#### CREE LED

LED XHP35 HD  
 FWHM / FWTM 12.0° / 28.0°  
 Efficiency 85 %  
 Peak intensity 10 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



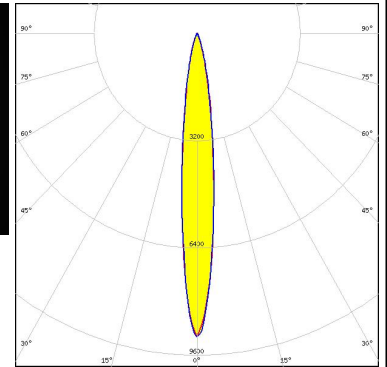
#### CREE LED

LED XHP35 HI  
 FWHM / FWTM 11.0° / 24.0°  
 Efficiency 87 %  
 Peak intensity 14 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE LED

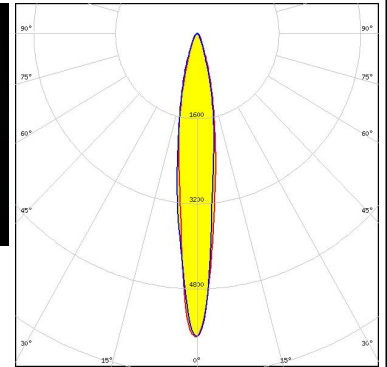
LED XHP50  
 FWHM / FWTM 13.0° / 30.0°  
 Efficiency 83 %  
 Peak intensity 9.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



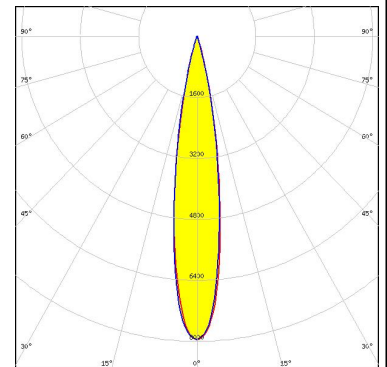
### OPTICAL RESULTS (MEASURED):



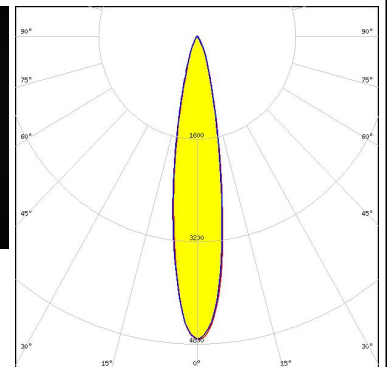
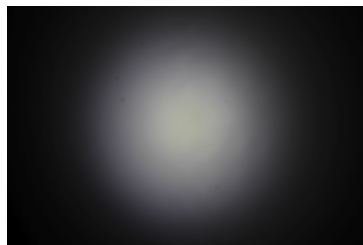
LED XHP70  
 FWHM / FWTM 14.0° / 39.0°  
 Efficiency 90 %  
 Peak intensity 5.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



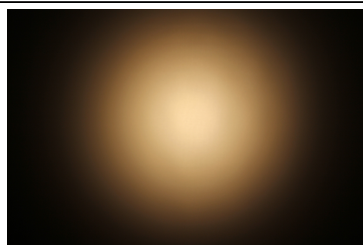
LED SST-90  
 FWHM / FWTM 17.0° / 31.0°  
 Efficiency 0 %  
 Peak intensity 6.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NV9W149AM  
 FWHM / FWTM 19.0° / 40.0°  
 Efficiency 80 %  
 Peak intensity 4.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



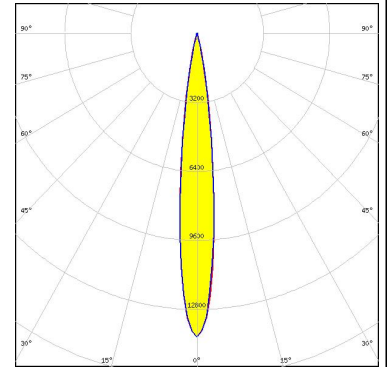
LED Duris S10  
 FWHM / FWTM 15.0° / 35.0°  
 Efficiency 83 %  
 Peak intensity 7.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



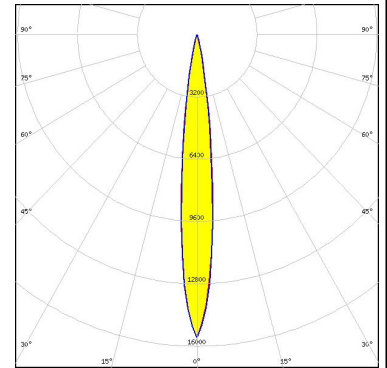
### OPTICAL RESULTS (SIMULATED):



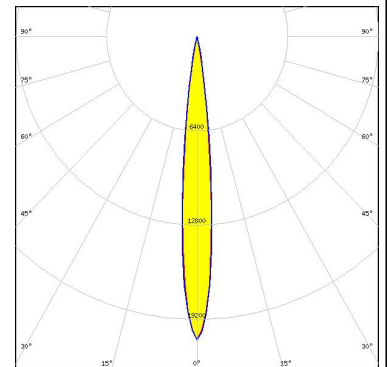
LED J Series 5050B 6V K Class  
 FWHM / FWTM 14.0° / 24.0°  
 Efficiency 92 %  
 Peak intensity 14.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



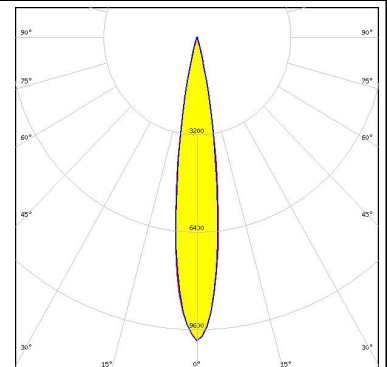
LED J Series 5050C 6V E Class  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 92 %  
 Peak intensity 15.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED SBT-90  
 FWHM / FWTM 12.0° / 20.0°  
 Efficiency 93 %  
 Peak intensity 20.6 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:



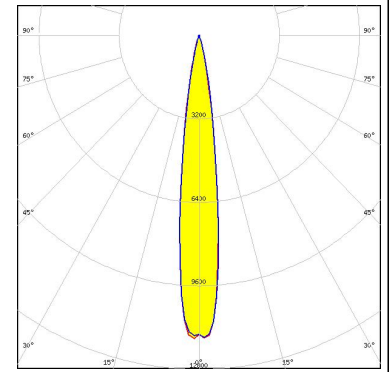
LED SST-90  
 FWHM / FWTM 16.0° / 28.0°  
 Efficiency 91 %  
 Peak intensity 10 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:



### OPTICAL RESULTS (SIMULATED):



LED	NV4x144A
FWHM / FWTM	14.0° / 26.0°
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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