

## 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 ⓘ

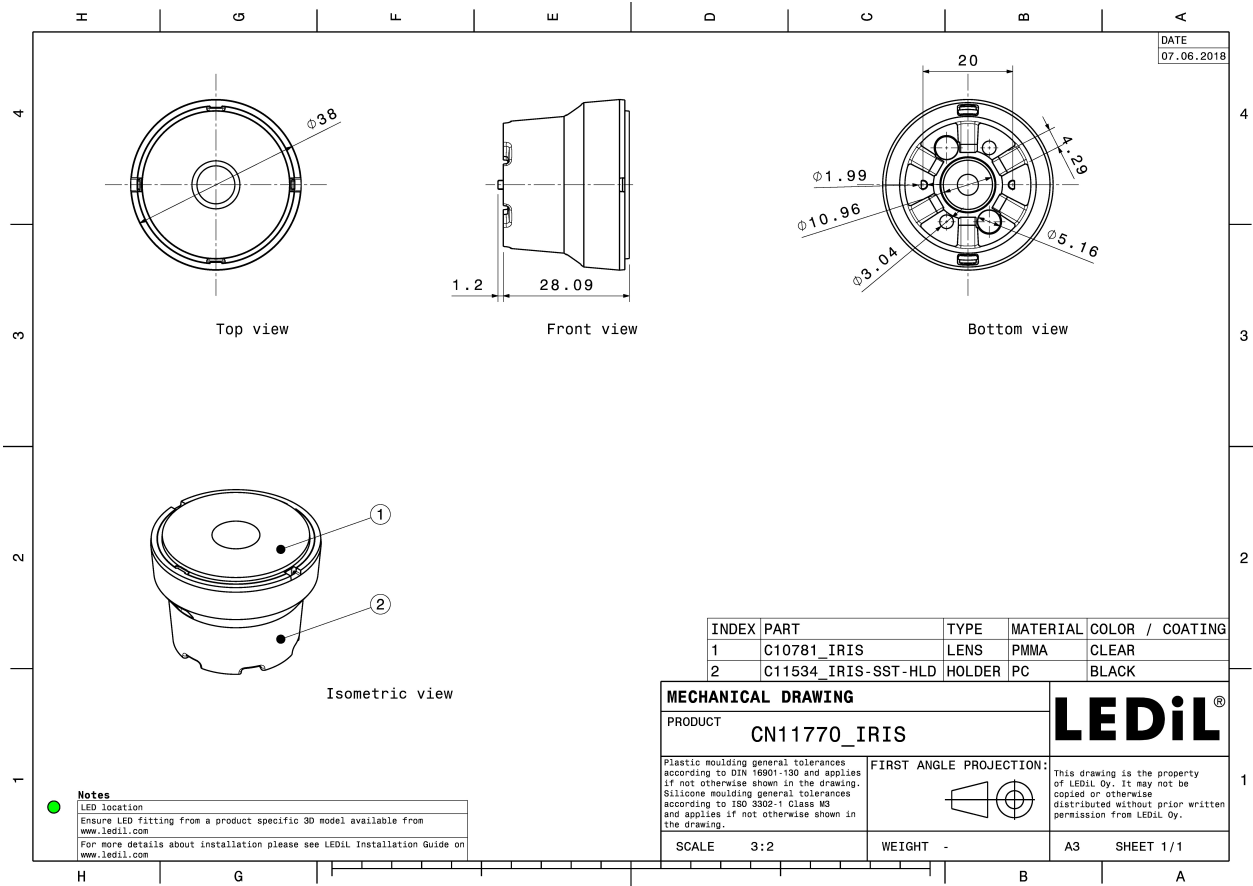
### MATERIAL SPECIFICATIONS:

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




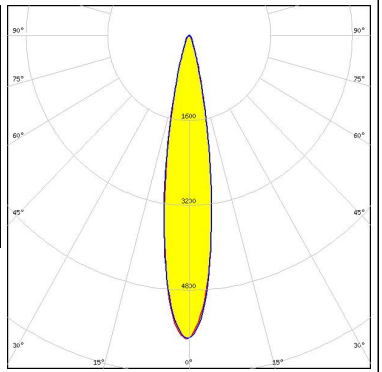

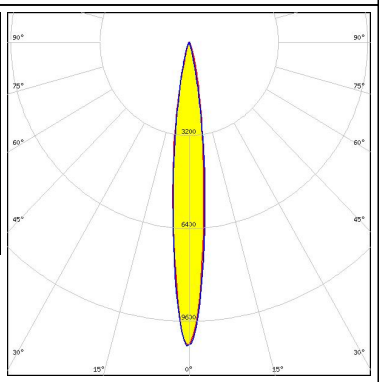
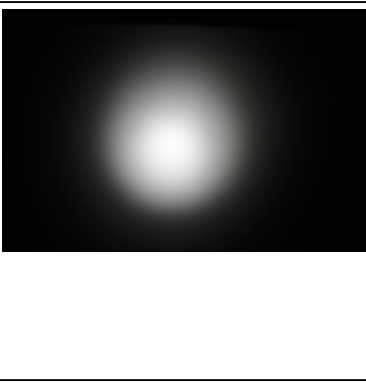
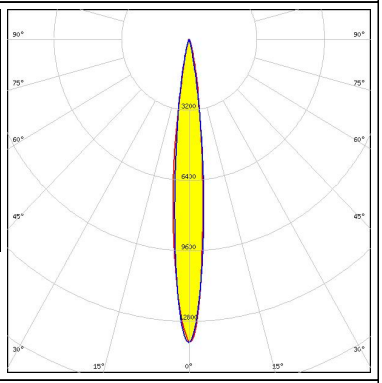

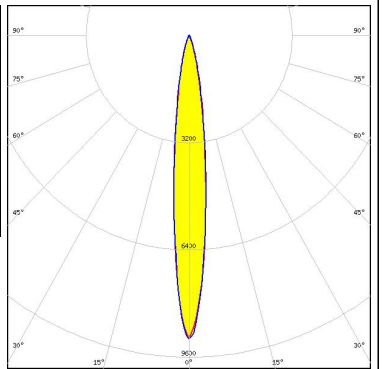
### ORDERING INFORMATION:

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



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

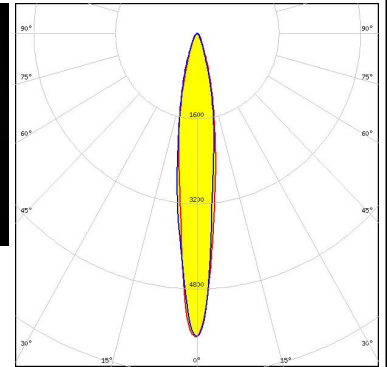
### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>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:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>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:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>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:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>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:</p>		

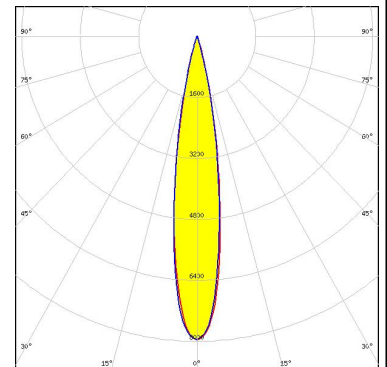
### PHOTOMETRIC DATA (MEASURED):



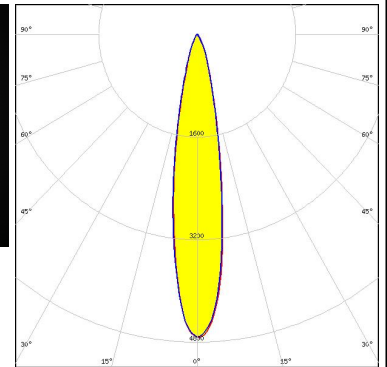
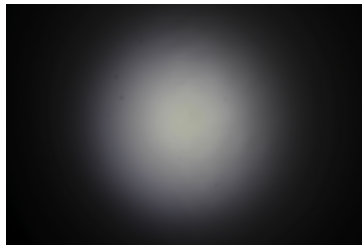
LED XHP70  
 FWHM / FWTM 14.0° / 39.0°  
 Efficiency 90 %  
 Peak intensity 5.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



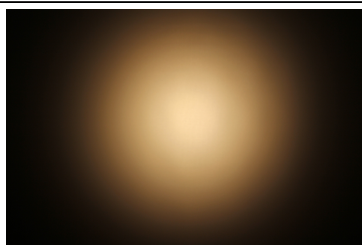
LED SST-90  
 FWHM / FWTM 17.0° / 31.0°  
 Efficiency 0 %  
 Peak intensity 6.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



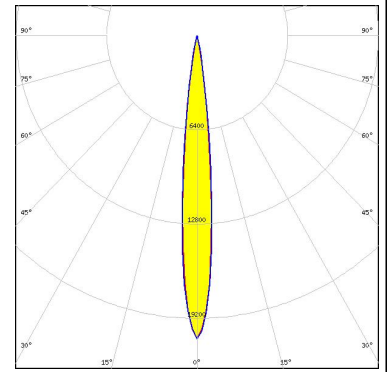
LED Duris S10  
 FWHM / FWTM 15.0° / 35.0°  
 Efficiency 83 %  
 Peak intensity 7.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



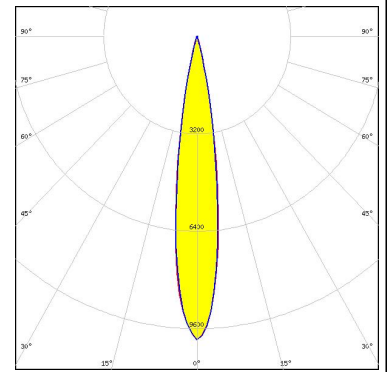
### PHOTOMETRIC DATA (SIMULATED):



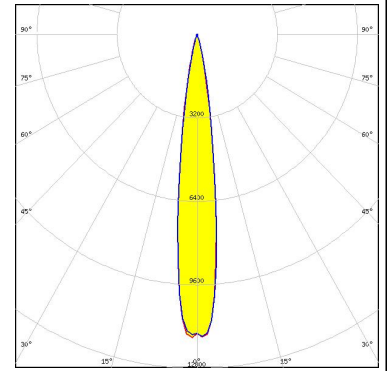
**LED** SBT-90  
**FWHM / FWTM** 12.0° / 20.0°  
**Efficiency** 93 %  
**Peak intensity** 20.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** Red  
**Required components:**



**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:**



**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:

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