

## IRIS-IR

~10° infrared spot beam with holder

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.6 mm
Fastening	glue
ROHS compliant	yes ⓘ

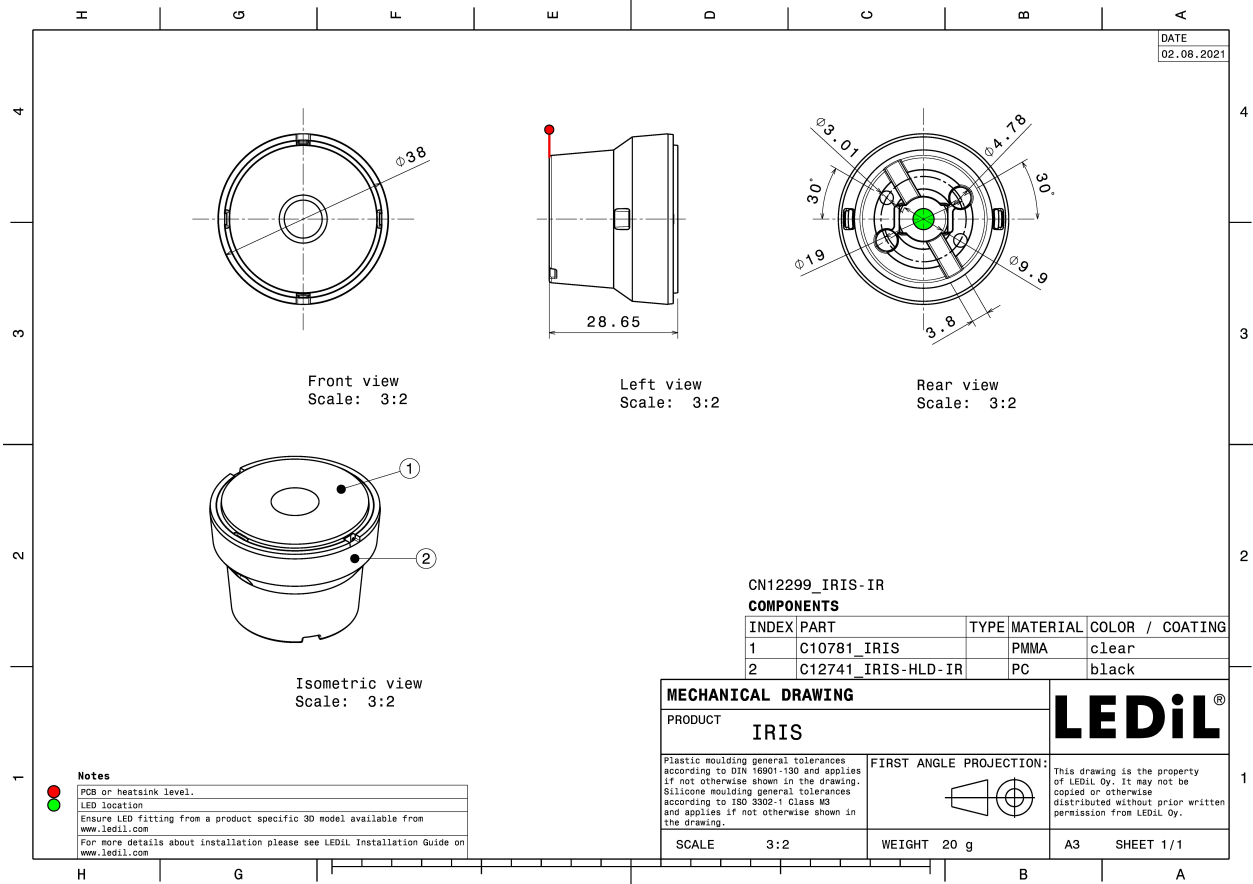
### MATERIAL SPECIFICATIONS:

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



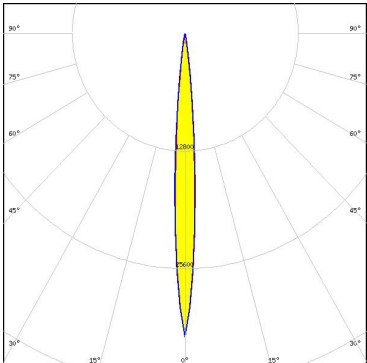
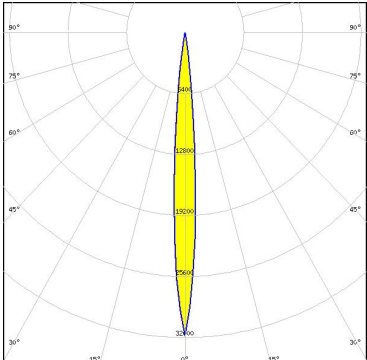
### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN12299_IRIS-IR	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)

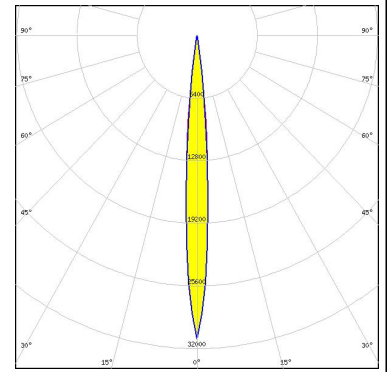
### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON IR Domed 150</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 33 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON IR Domed 60</p> <p>FWHM / FWTM 9.0° / 18.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 27.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON IR Domed 90</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 31.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4715AS</p> <p>FWHM / FWTM 10.0° / 18.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 28.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	

### PHOTOMETRIC DATA (SIMULATED):

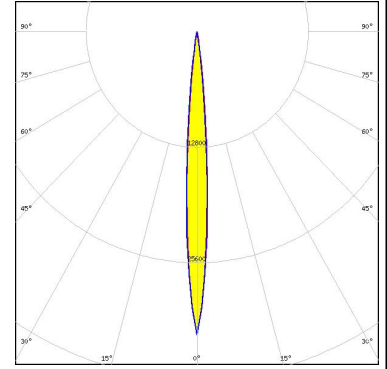
#### OSRAM Opto Semiconductors

LED SFH 4715S  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 89 %  
 Peak intensity 31 cd/lm  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



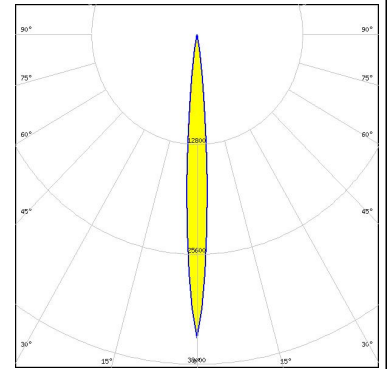
#### OSRAM Opto Semiconductors

LED SFH 4716AS  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 86 %  
 Peak intensity 33.6 cd/lm  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



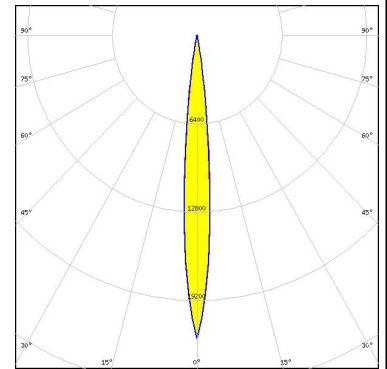
#### OSRAM Opto Semiconductors

LED SFH 4716S  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 85 %  
 Peak intensity 35.3 cd/lm  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



#### OSRAM Opto Semiconductors

LED SFH 4717AS  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 86 %  
 Peak intensity 22 cd/lm  
 LEDs/each optic 1  
 Light colour IR  
 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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