

## IRIS-IR

~10° infrared spot beam with holder

## SPECIFICATION:

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

## MATERIALS:

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

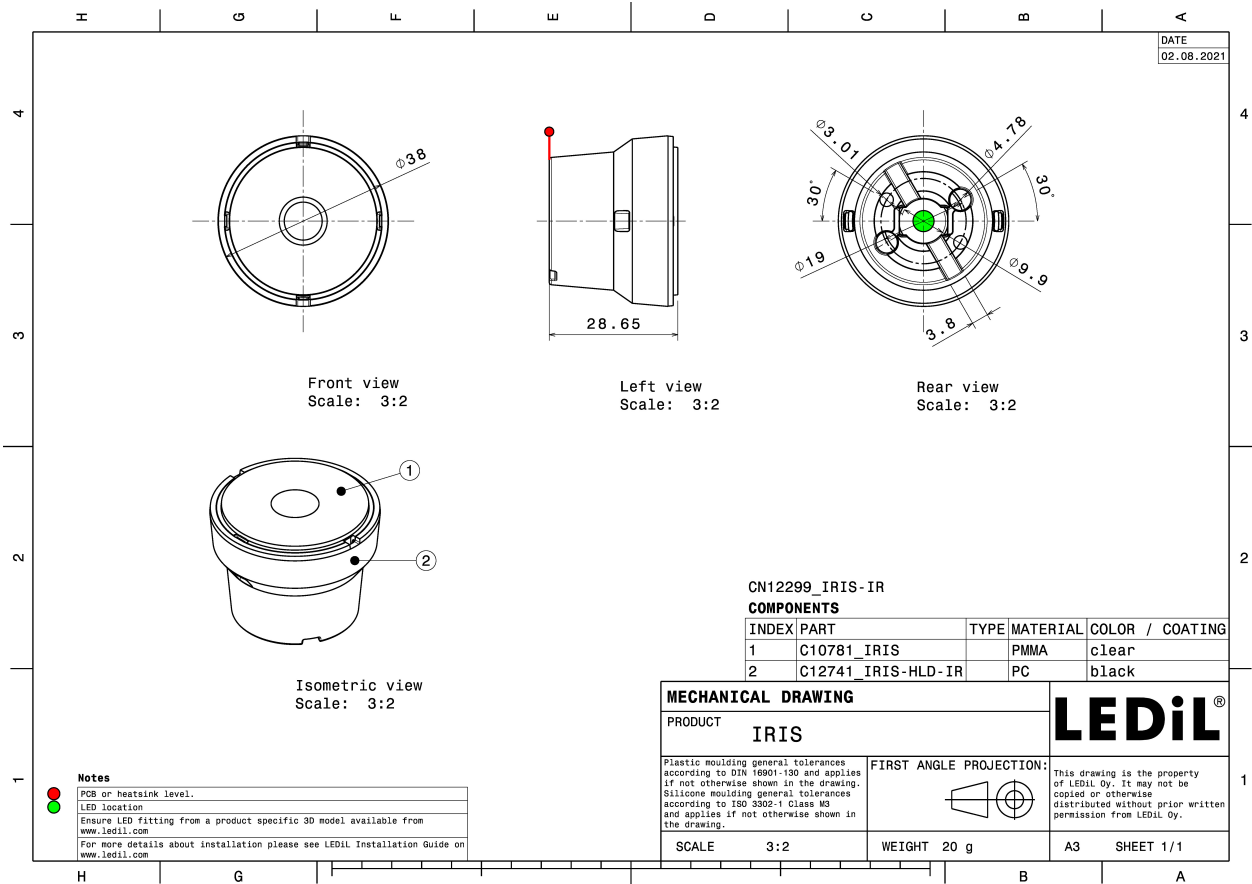


## ORDERING INFORMATION:

## Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C10781_IRIS » Box size: 480 x 280 x 300 mm	Single lens	580	116	58	9.0
C12741_IRIS-HLD-IR » Box size: 480 x 280 x 300 mm	Holder	1044	116	29	7.4

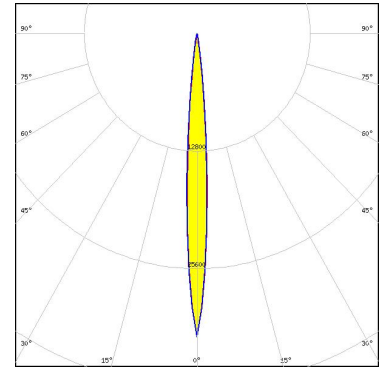


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



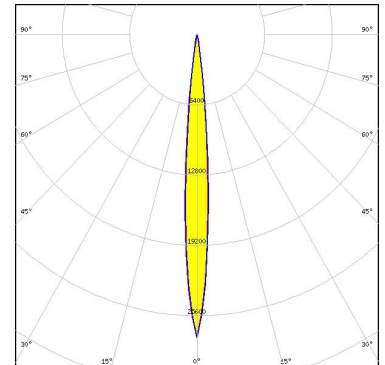
LED LUXEON IR Domed 150 (L110-0xxx150000000)  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 81 %  
 Peak intensity 33 cd/lm  
 LEDs/each optic 1  
 Light colour/type IR  
 Required components:



Light distribution files



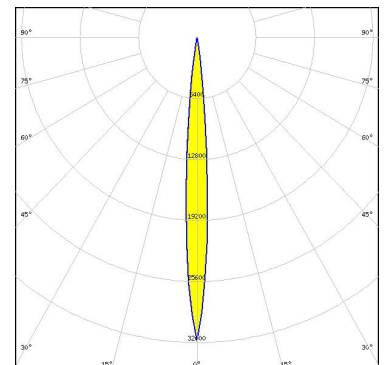
LED LUXEON IR Domed 60 (L110-0xxx060000000)  
 FWHM / FWTM 9.0° / 18.0°  
 Efficiency 86 %  
 Peak intensity 27.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type IR  
 Required components:



Light distribution files



LED LUXEON IR Domed 90 (L110-0xxx090000000)  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 88 %  
 Peak intensity 31.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type IR  
 Required components:

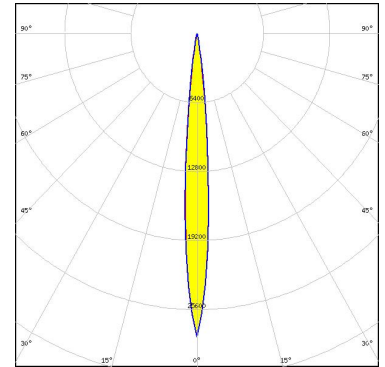


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

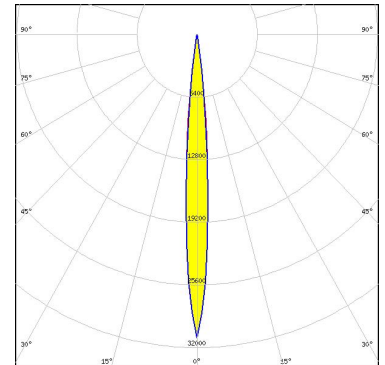
LED SFH 4715AS  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 89 %  
Peak intensity 28.1 cd/m  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

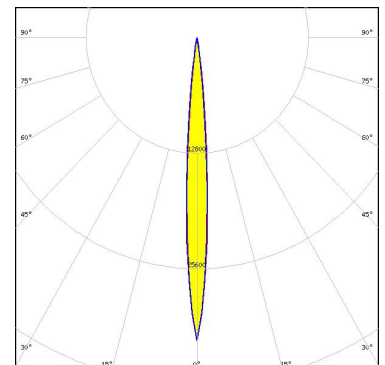
LED SFH 4715S  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 89 %  
Peak intensity 31 cd/m  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

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

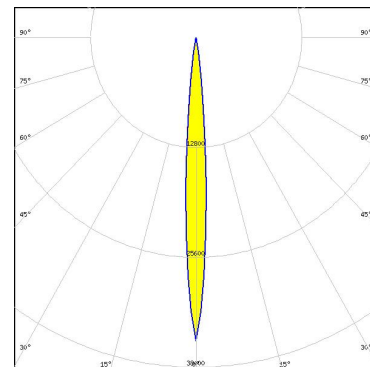


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

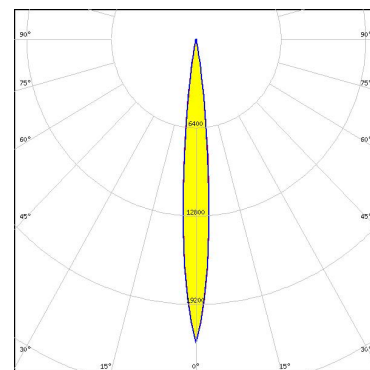
LED SFH 4716S  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 85 %  
Peak intensity 35.3 cd/lm  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

**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/type IR  
Required components:



Light distribution files

### 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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