

## IRENE-IR-12

~25° + 25° rectangular beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.3 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

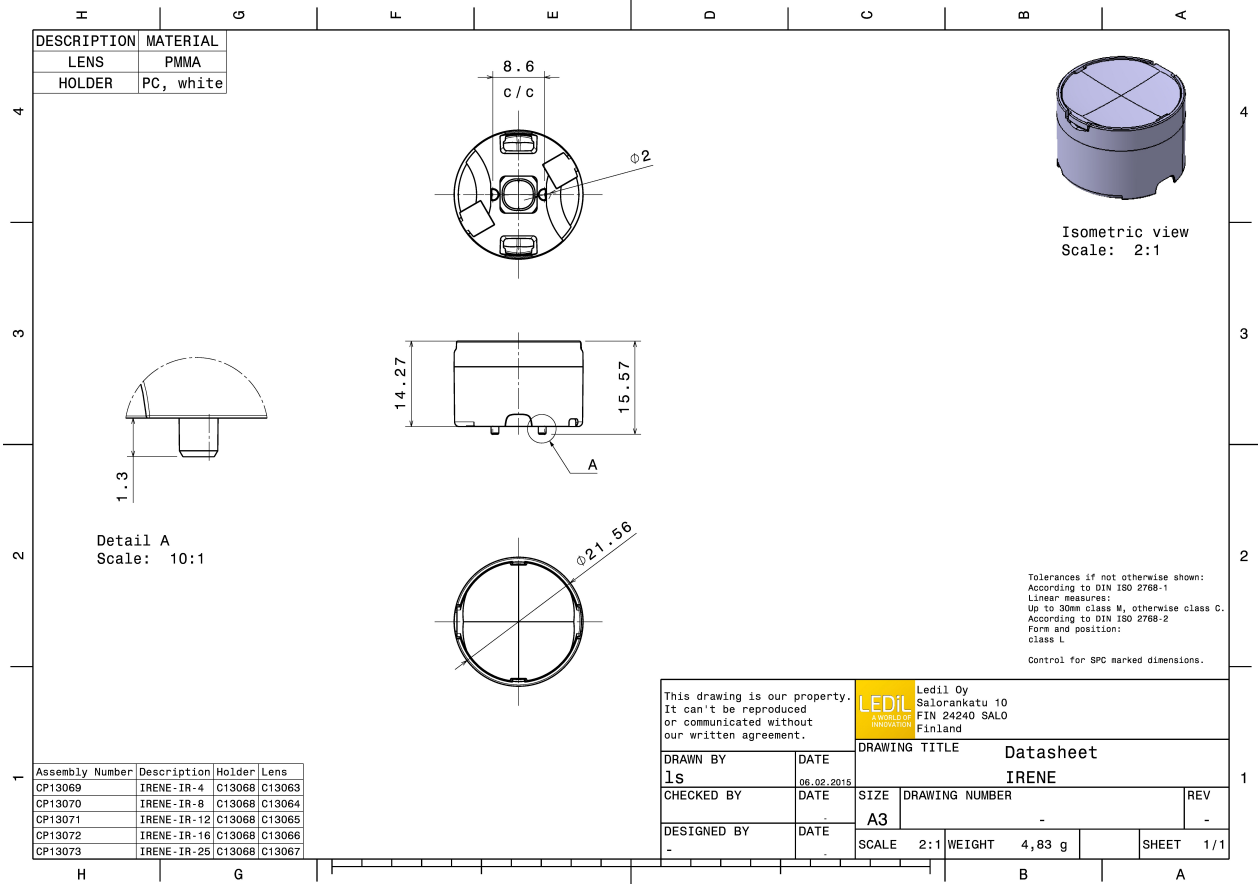
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRENE-12	Multi-lens	PMMA	clear	
IRENE-HLD	Holder	PC	white	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP13071_IRENE-IR-12 » Box size: 480 x 280 x 300 mm	Multi-lens	1792	336	112	10.2



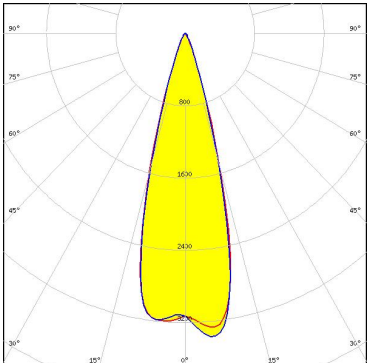
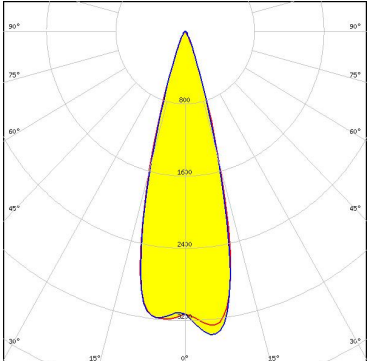



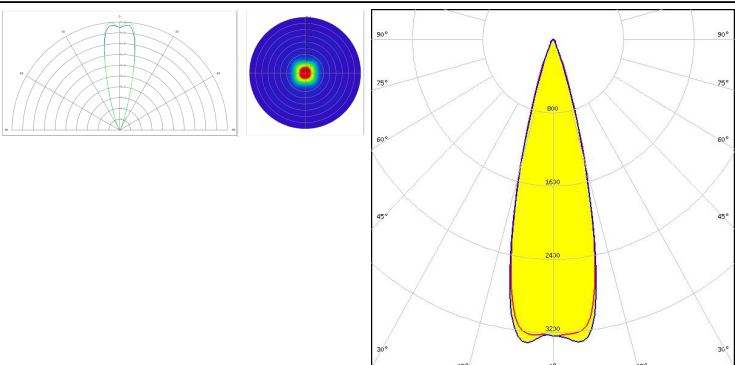


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)


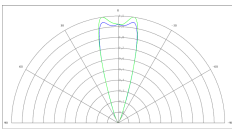
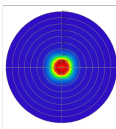
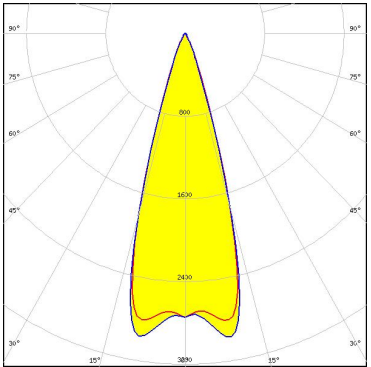

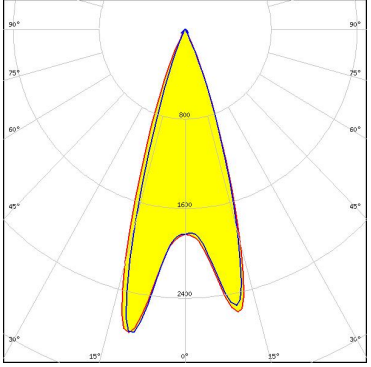

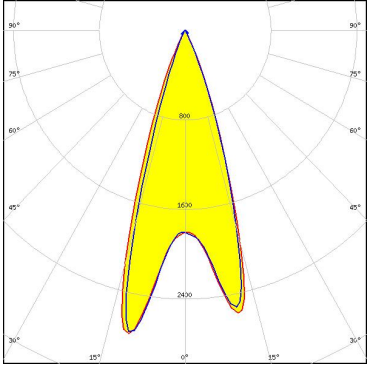

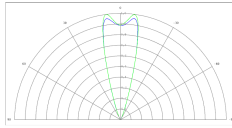
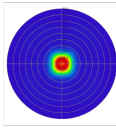
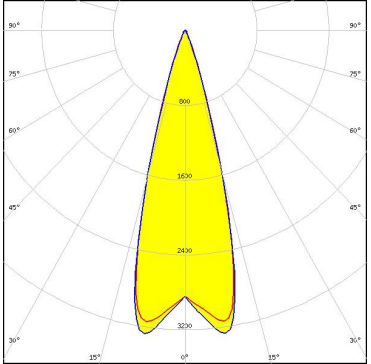
## PHOTOMETRIC DATA (MEASURED):

<b>OSRAM</b> Opto Semiconductors	
LED	SFH 4715S
FWHM / FWTM	25.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
<b>OSRAM</b> Opto Semiconductors	
LED	SFH 4725S
FWHM / FWTM	26.0° / 50.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

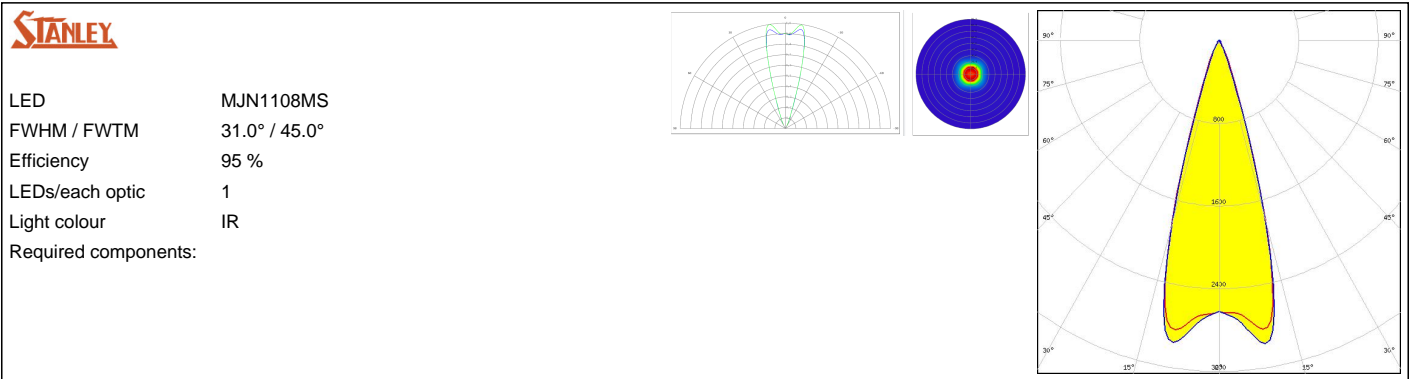
#### PHOTOMETRIC DATA (SIMULATED):

	<p>LED: LUXEON IR 2720            FWHM / FWTM: 29.0° / 44.0°            Efficiency: 97 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	
	<p>LED: LUXEON IR Compact            FWHM / FWTM: 30.0° / 44.0 + 42.0°            Efficiency: 87 %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
 <p>Osram Semiconductors</p>	<p>LED: SFH 4770S            FWHM / FWTM: 24.0° / 40.0 + 39.0°            Efficiency: 94 %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: FWR1107MS            FWHM / FWTM: 28.0° / 44.0°            Efficiency: 97 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	

#### PHOTOMETRIC DATA (SIMULATED):

	<p>LED FWR1108MS            FWHM / FWTM 32.0° / 46.0°            Efficiency 97 %            LEDs/each optic 1            Light colour IR            Required components:</p>			
	<p>LED MFN1107MS            FWHM / FWTM 35.0° / 50.0°            Efficiency 97 %            Peak intensity 2.8 cd/lm            LEDs/each optic 1            Light colour IR            Required components:</p>			
	<p>LED MGN1107MS            FWHM / FWTM 35.0° / 49.0°            Efficiency 97 %            Peak intensity 2.8 cd/lm            LEDs/each optic 1            Light colour IR            Required components:</p>			
	<p>LED MJN1107MS            FWHM / FWTM 29.0° / 44.0 + 43.0°            Efficiency 97 %            LEDs/each optic 1            Light colour IR            Required components:</p>			

### PHOTOMETRIC DATA (SIMULATED):



### 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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