

## IRENE-IR-25

~16° + 16° rectangular beam

### TECHNICAL SPECIFICATIONS:

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

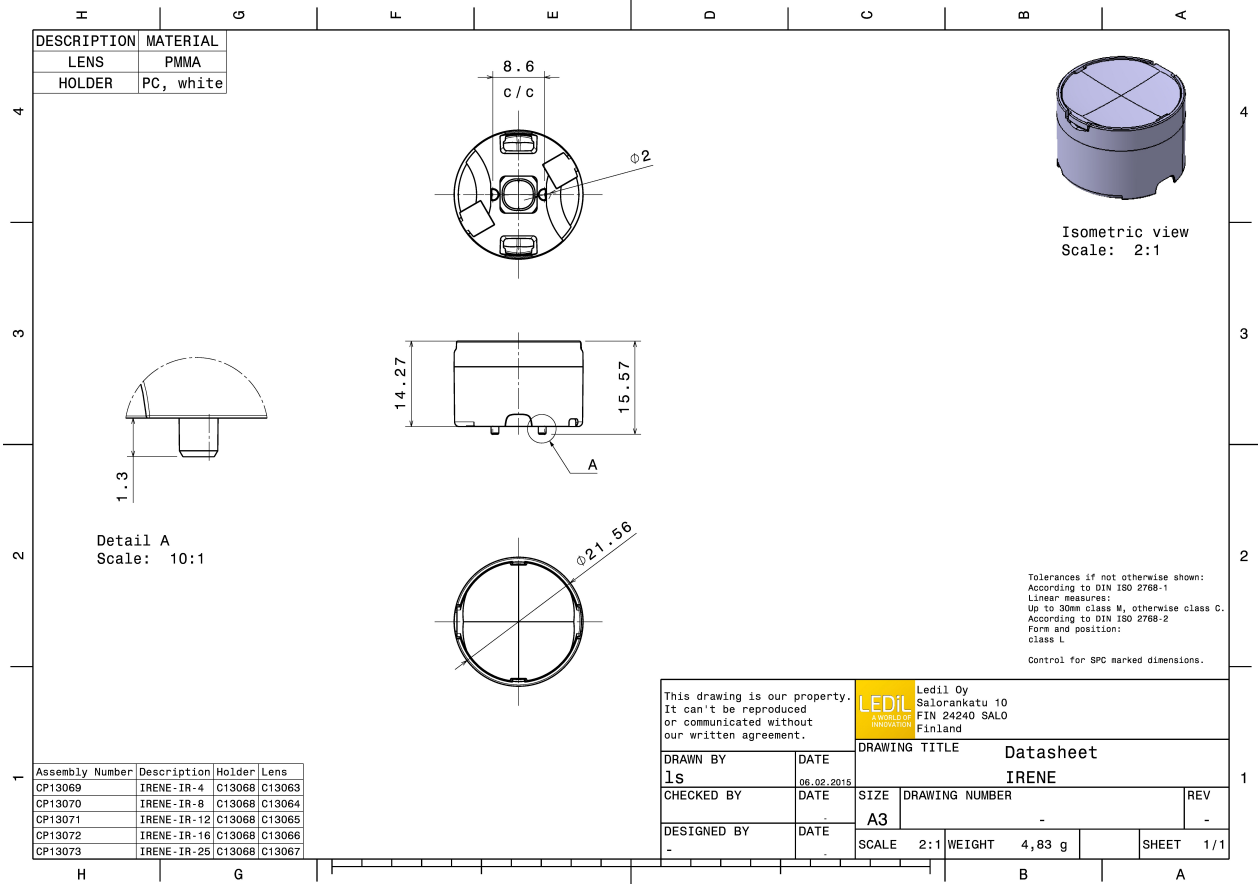


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRENE-25	Multi-lens	PMMA	clear	
IRENE-HLD	Holder	PC	white	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP13073_IRENE-IR-25 » Box size: 480 x 280 x 300 mm	Multi-lens	1792	336	112	0.0



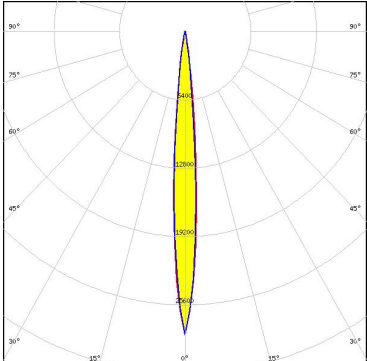
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## PHOTOMETRIC DATA (MEASURED):

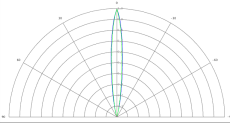
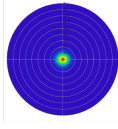
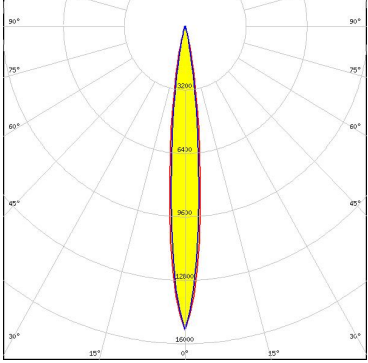
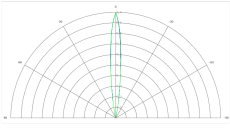
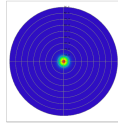
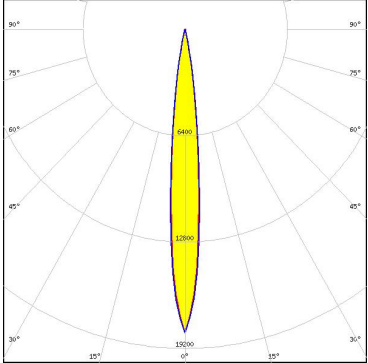


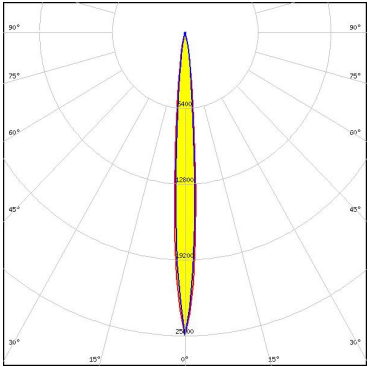


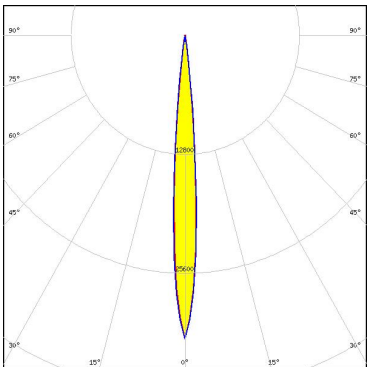
**OSRAM**  
Opto Semiconductors

LED	SFH 4725S
FWHM / FWTM	16.0° / 26.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

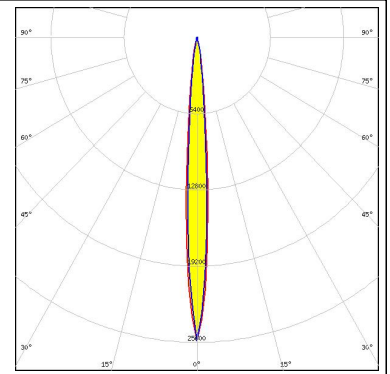
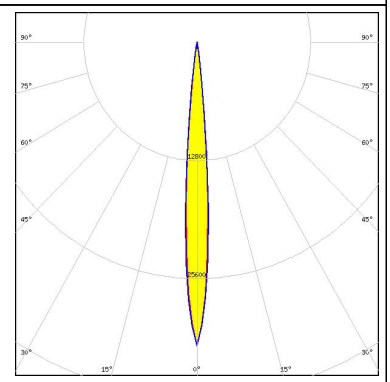
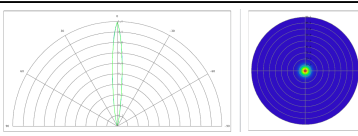
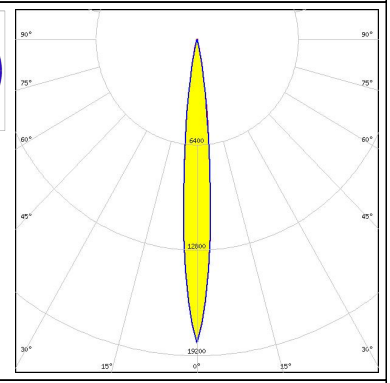
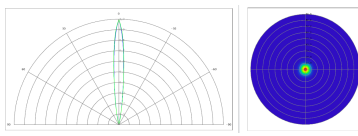
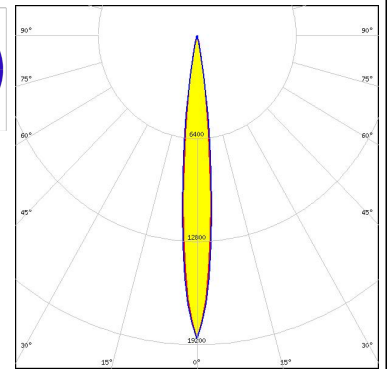
#### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED: LUXEON IR 2720            FWHM / FWTM: 9.0 + 8.0° / 18.0 + 17.0°            Efficiency: 97 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON IR Compact            FWHM / FWTM: 9.0° / 17.0°            Efficiency: 86 %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: SFH 4715S            FWHM / FWTM: 11.0 + 9.0° / 20.0 + 18.0°            Efficiency: %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: SFH 4770S            FWHM / FWTM: 13.0 + 11.0° / 27.0 + 24.0°            Efficiency: 94 %            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### PHOTOMETRIC DATA (SIMULATED):

<p><b>STANLEY</b></p> <p>LED FWR1107MS            FWHM / FWTM 12.0 + 11.0° / 25.0 + 23.0°            Efficiency 95 %            LEDs/each optic 1            Light colour IR            Required components:</p>			
<p><b>STANLEY</b></p> <p>LED FWR1108MS            FWHM / FWTM 11.0° / 21.0°            Efficiency 96 %            LEDs/each optic 1            Light colour IR            Required components:</p>			
<p><b>STANLEY</b></p> <p>LED MFN1107MS            FWHM / FWTM 8.0° / 17.0°            Efficiency 94 %            Peak intensity 25.6 cd/lm            LEDs/each optic 1            Light colour IR            Required components:</p>			
<p><b>STANLEY</b></p> <p>LED MFN1108MS            FWHM / FWTM 8.0° / 16.0°            Efficiency 95 %            Peak intensity 32.7 cd/lm            LEDs/each optic 1            Light colour IR            Required components:</p>			

#### PHOTOMETRIC DATA (SIMULATED):

<p><b>STANLEY</b></p> <p>LED MGN1107MS            FWHM / FWTM 8.0° / 17.0°            Efficiency 94 %            Peak intensity 25.5 cd/lm            LEDs/each optic 1            Light colour IR            Required components:</p>		
<p><b>STANLEY</b></p> <p>LED MGN1108MS            FWHM / FWTM 8.0° / 16.0°            Efficiency 95 %            Peak intensity 32.9 cd/lm            LEDs/each optic 1            Light colour IR            Required components:</p>		
<p><b>STANLEY</b></p> <p>LED MJN1107MS            FWHM / FWTM 10.0° / 22.0°            Efficiency 96 %            LEDs/each optic 1            Light colour IR            Required components:</p>		
<p><b>STANLEY</b></p> <p>LED MJN1108MS            FWHM / FWTM 11.0° / 21.0°            Efficiency 93 %            LEDs/each optic 1            Light colour IR            Required components:</p>		

### 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
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