

IRENE-IR-25

~16° + 16° rectangular beam

TECHNICAL SPECIFICATIONS:

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

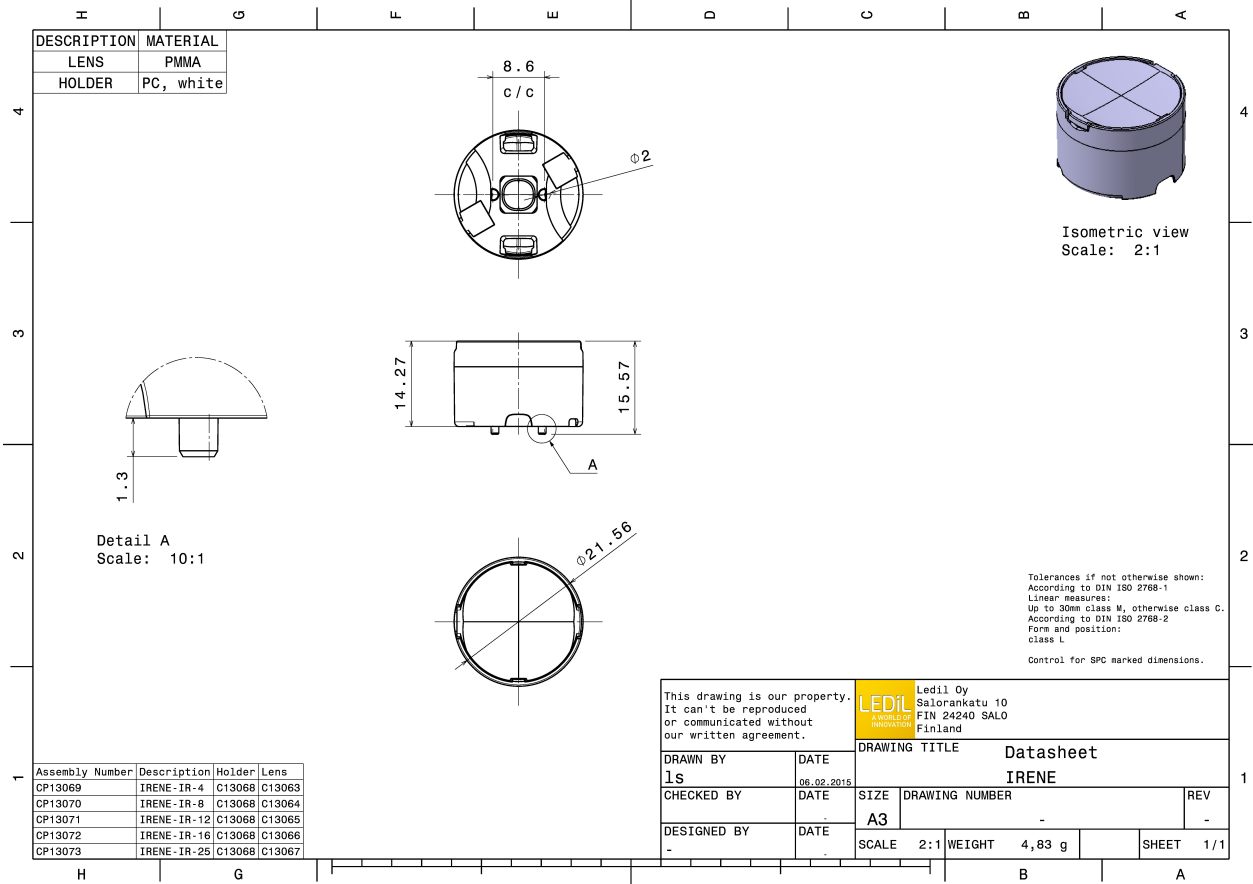
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

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






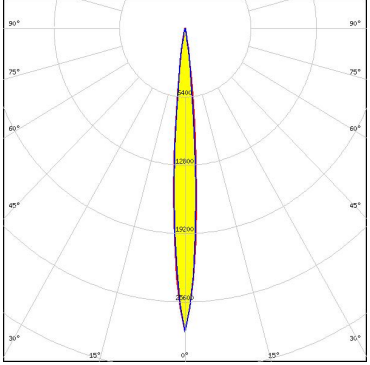



See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

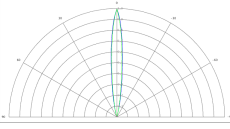
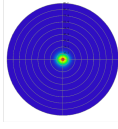
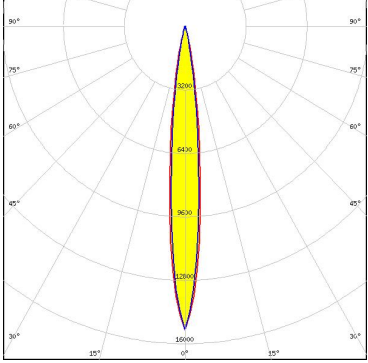
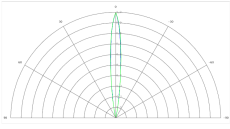
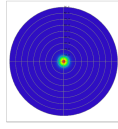
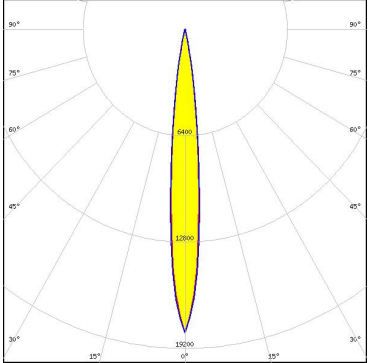


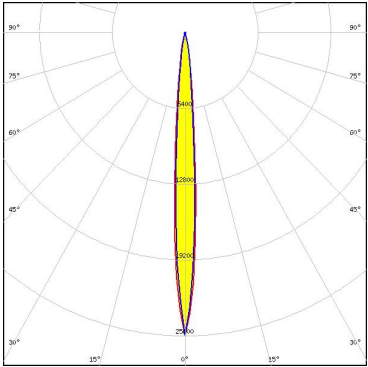


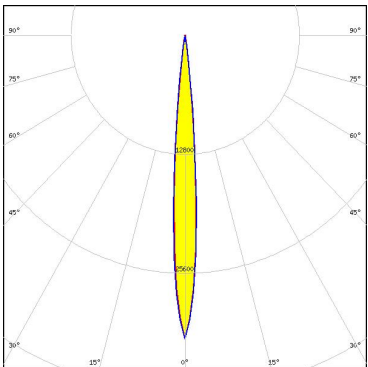
OSRAM
Opto Semiconductors

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

PHOTOMETRIC DATA (SIMULATED):

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

PHOTOMETRIC DATA (SIMULATED):

<p>STANLEY</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>STANLEY</p> <p>LED: FWR1108MS FWHM / FWTM: 11.0° / 21.0° Efficiency: 96 % LEDs/each optic: 1 Light colour: IR Required components:</p>			
<p>STANLEY</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>STANLEY</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>STANLEY</p> <p>LED MGN1107MS</p> <p>FWHM / FWTM 8.0° / 17.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 25.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>		
<p>STANLEY</p> <p>LED MGN1108MS</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 32.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>		
<p>STANLEY</p> <p>LED MJN1107MS</p> <p>FWHM / FWTM 10.0° / 22.0°</p> <p>Efficiency 96 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>		
<p>STANLEY</p> <p>LED MJN1108MS</p> <p>FWHM / FWTM 11.0° / 21.0°</p> <p>Efficiency 93 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>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:

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