

IRENE-IR-25

~16° + 16° rectangular beam

TECHNICAL SPECIFICATIONS:

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

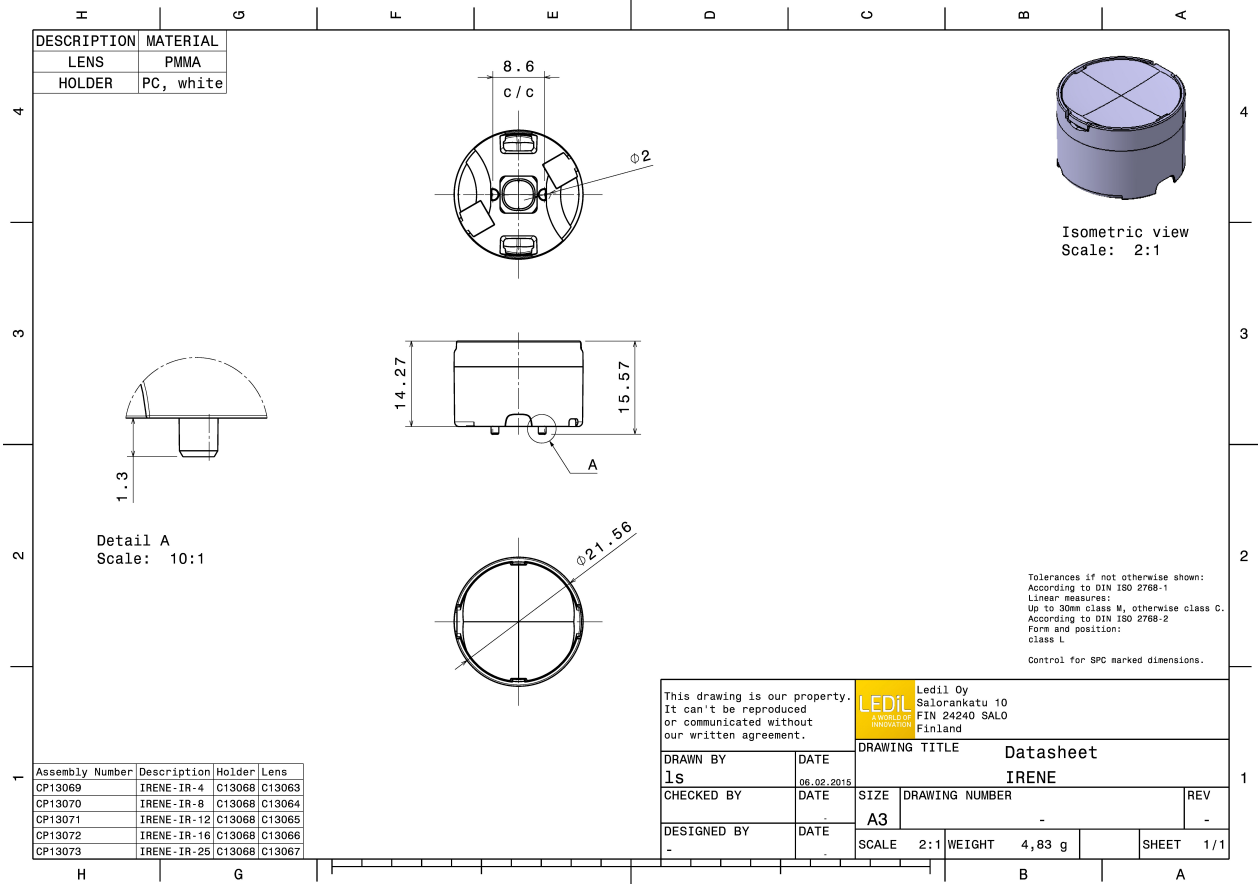


MATERIAL SPECIFICATIONS:

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



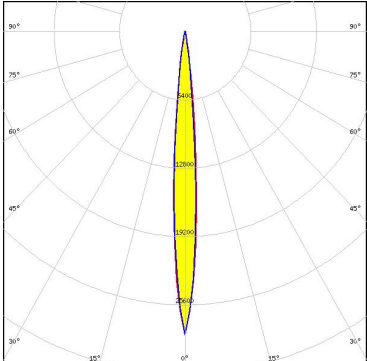
See also our general installation guide: www.ledil.com/installation_guide

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>LUMILEDS</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>LUMILEDS</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>OSRAM <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>OSRAM <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>STANLEY</p> <p>LED MFN1107MS</p> <p>FWHM / FWTM 8.0° / 17.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 25.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<p>STANLEY</p> <p>LED MFN1108MS</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 32.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour IR</p> <p>Required components:</p>	
<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>	

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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