

IRENE-IR-25

~16° + 16° rectangular beam

SPECIFICATION:

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

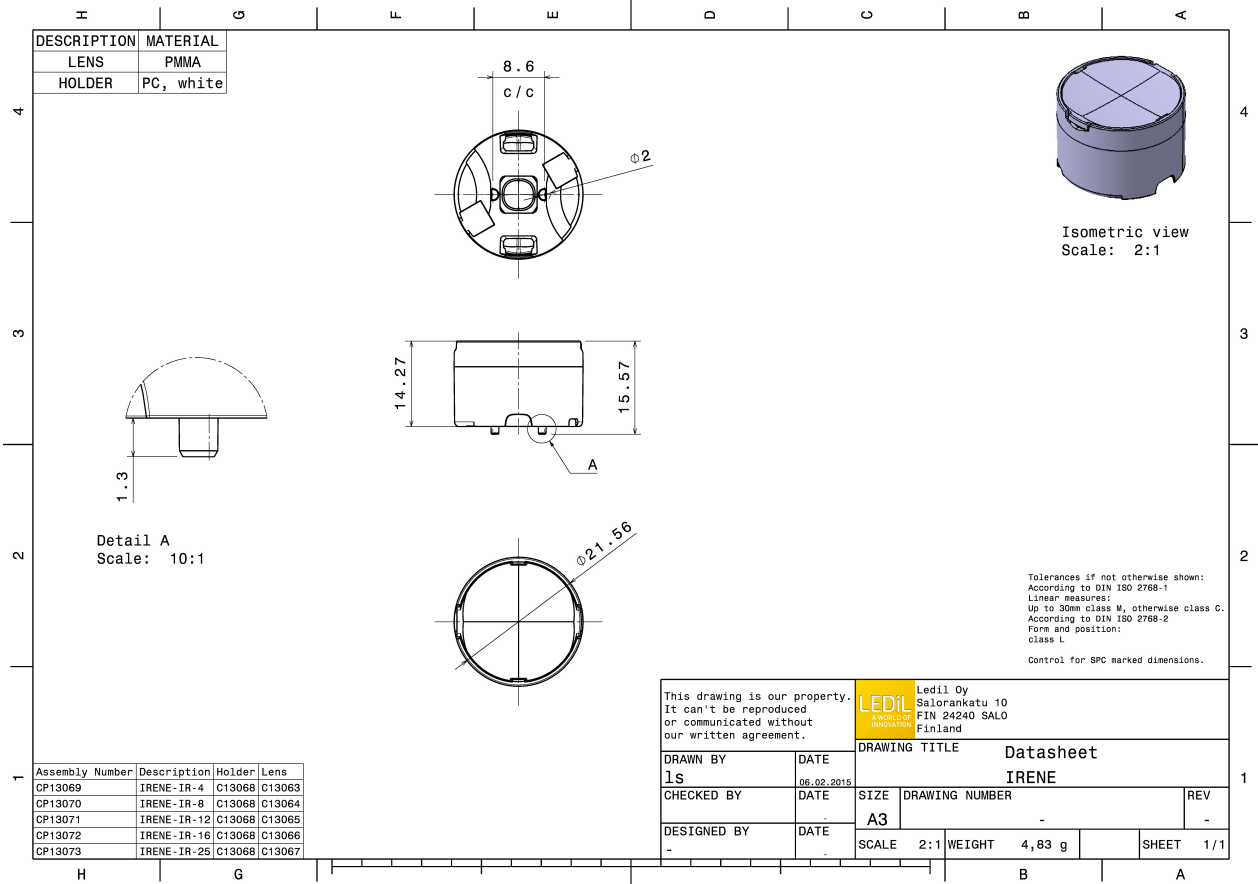
MATERIALS:

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





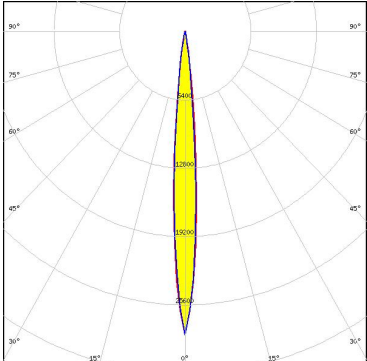
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

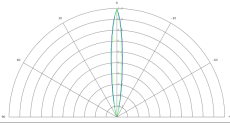
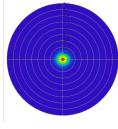
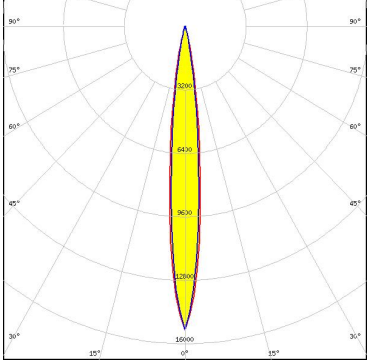
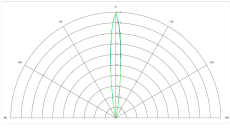
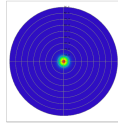
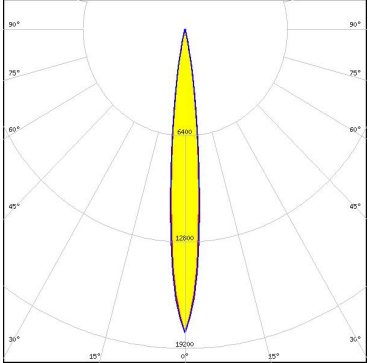


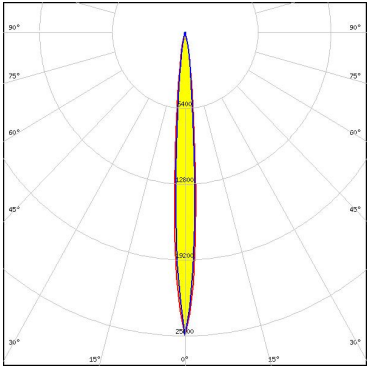


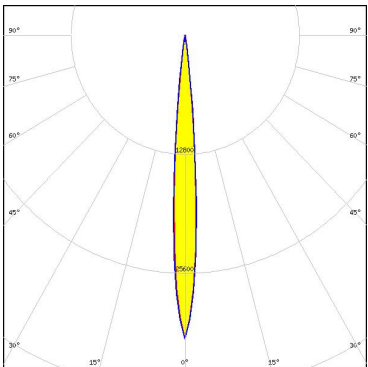
OSRAM
Opto Semiconductors

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

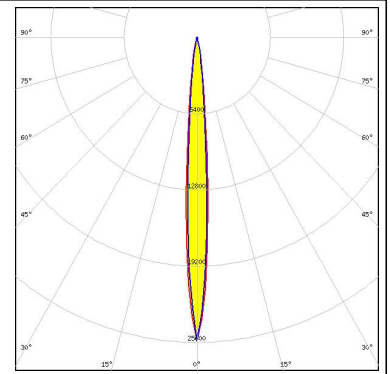
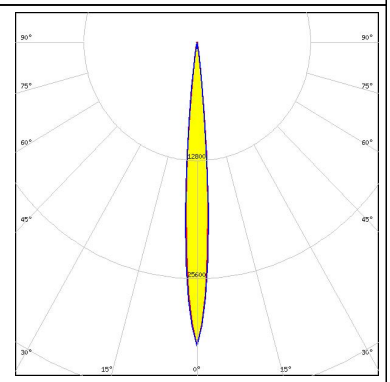
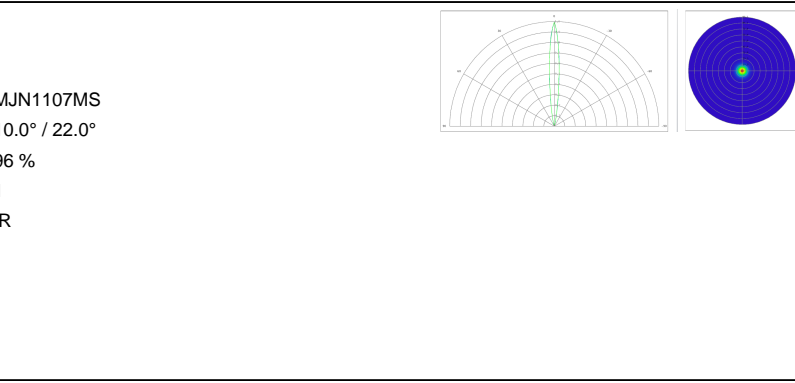
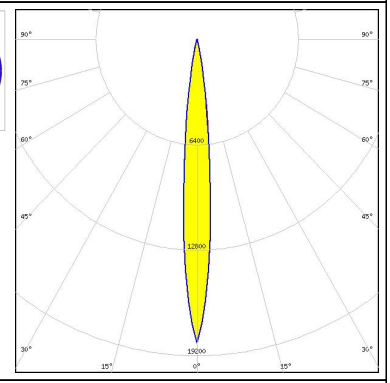
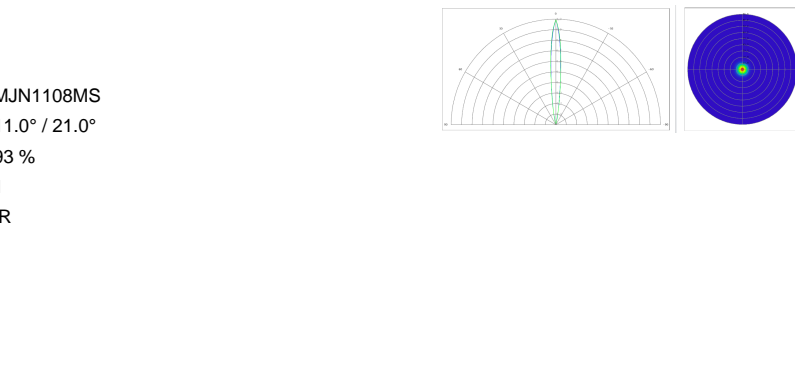
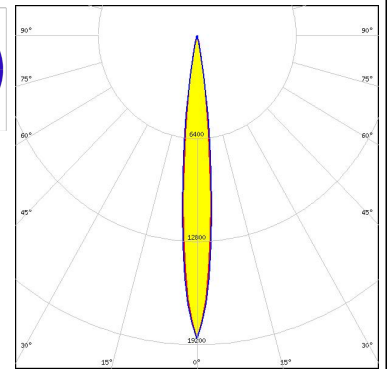
OPTICAL RESULTS (SIMULATED):

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

OPTICAL RESULTS (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>			

OPTICAL RESULTS (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:

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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