

IRENE-IR-12

~25° + 25° rectangular beam

SPECIFICATION:

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

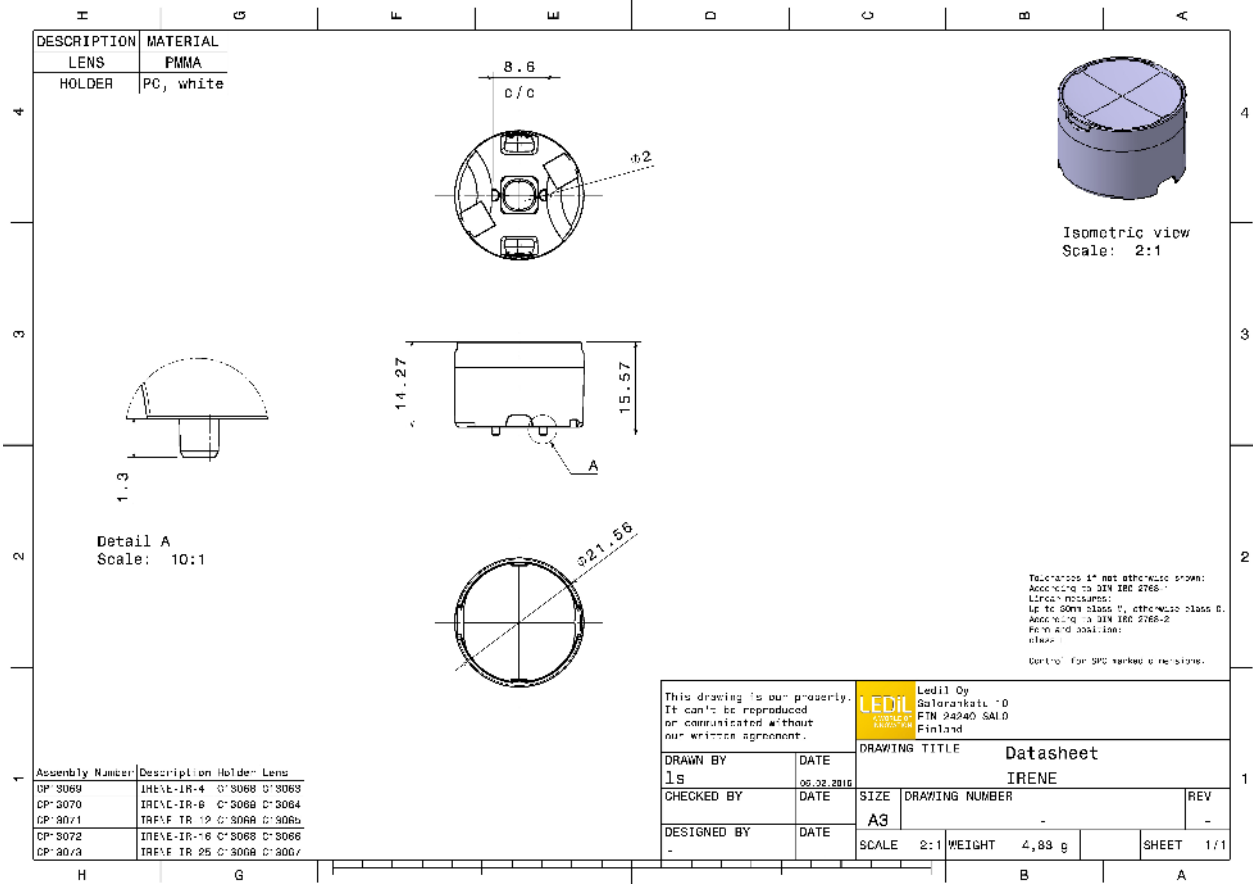
MATERIALS:

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

ORDERING INFORMATION:

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



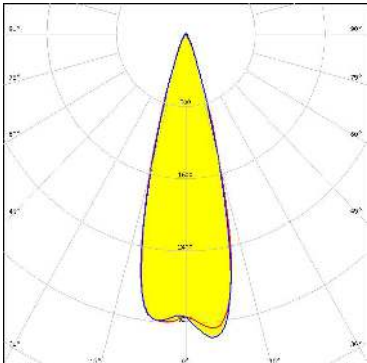
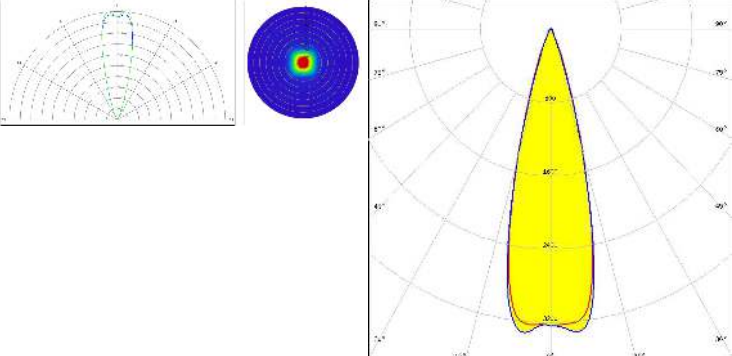


See also our general installation guide: www.ledil.com/installation_guide

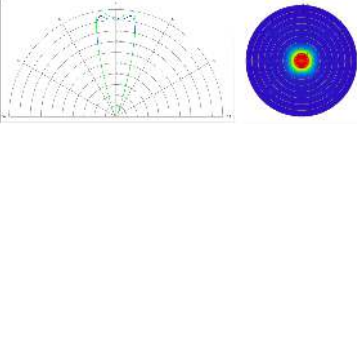
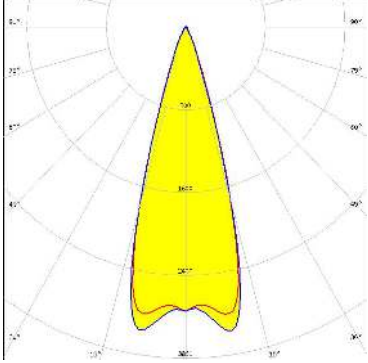
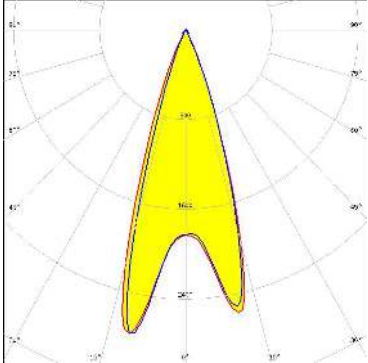
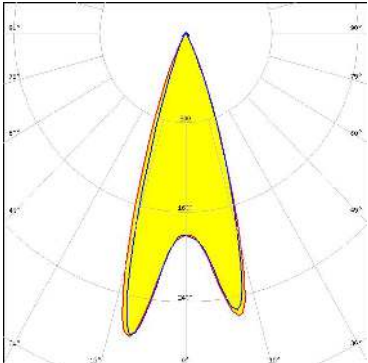
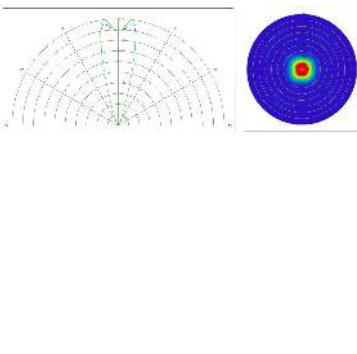
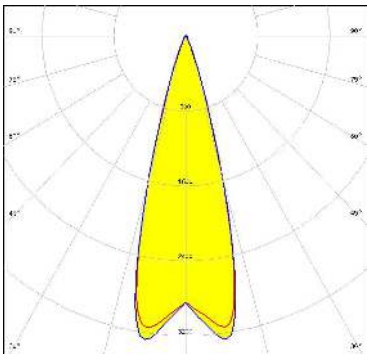
OPTICAL RESULTS (MEASURED):

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

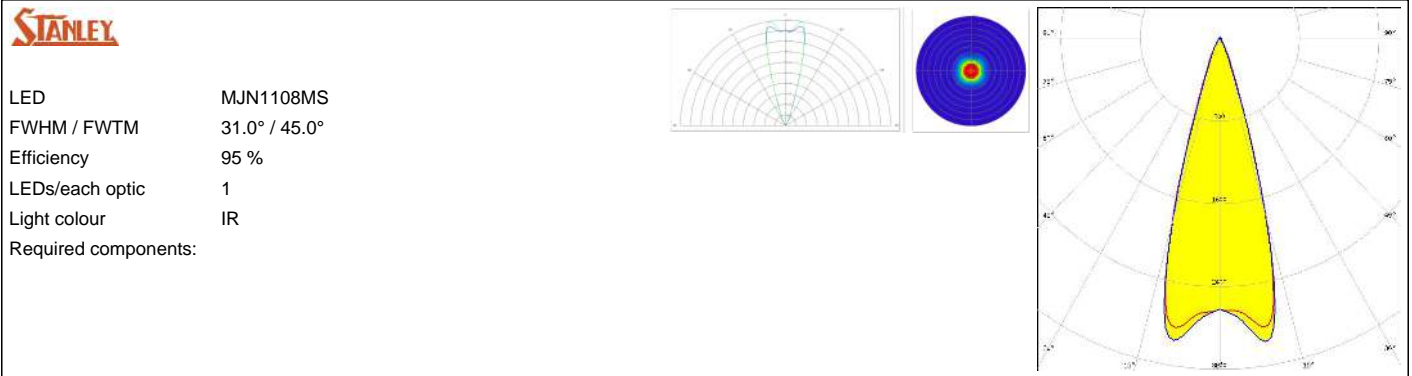
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON IR 2720 FWHM / FWTM: 29.0° / 44.0° Efficiency: 97 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>LUMILEDS</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 <small>Opto Semiconductors</small></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>STANLEY</p> <p>LED: FWR1107MS FWHM / FWTM: 28.0° / 44.0° Efficiency: 97 % LEDs/each optic: 1 Light colour: IR Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>STANLEY</p> <p>LED: FWR1108MS FWHM / FWTM: 32.0° / 46.0° Efficiency: 97 % LEDs/each optic: 1 Light colour: IR Required components:</p>		
<p>STANLEY</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>STANLEY</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>STANLEY</p> <p>LED: MJN1107MS FWHM / FWTM: 29.0° / 44.0 + 43.0° Efficiency: 97 % LEDs/each optic: 1 Light colour: IR Required components:</p>		

OPTICAL RESULTS (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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