

## IRENE-IR-8

~30° + 30° rectangular beam

### SPECIFICATION:

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

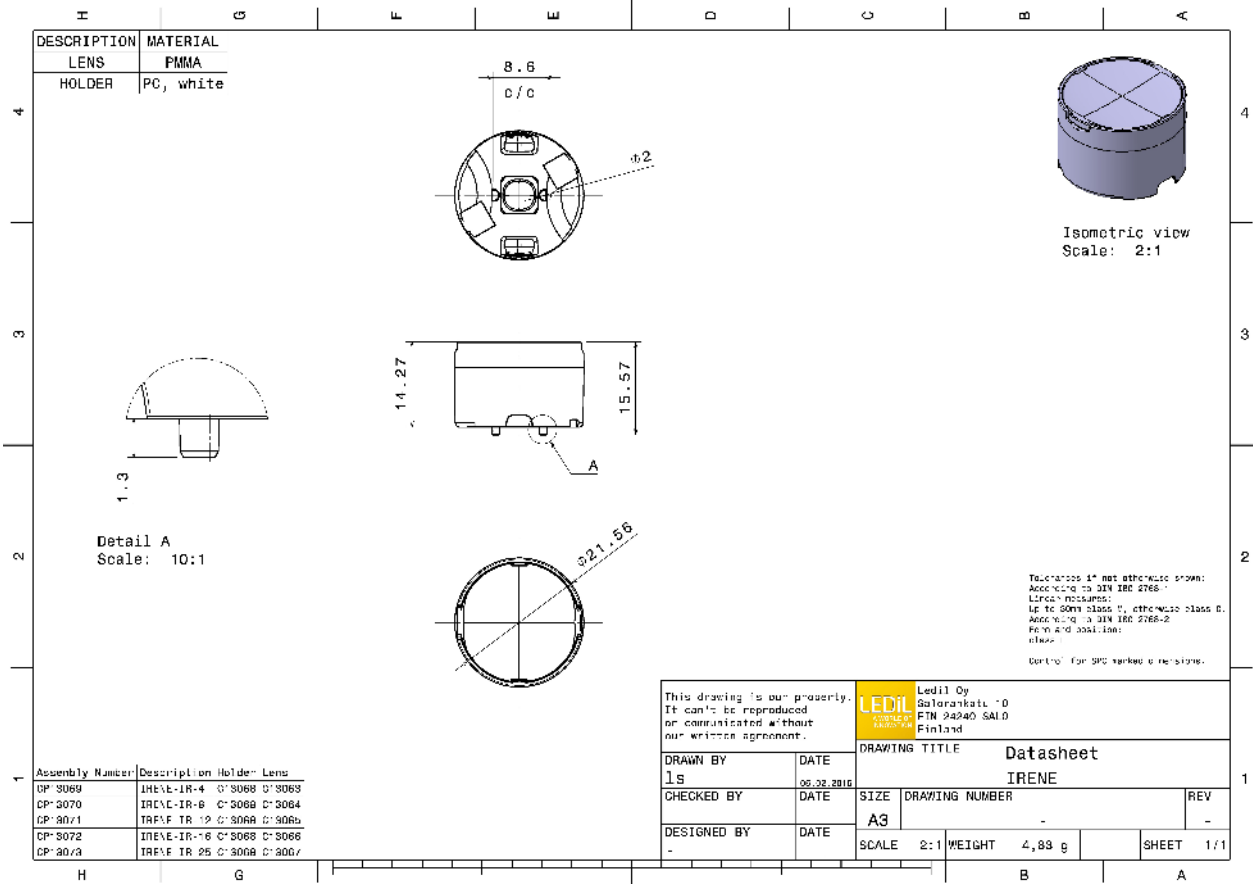
### MATERIALS:

Component	Type	Material	Colour	Finish
IRENE-8	Multi-lens	PMMA	clear	
IRENE-HLD	Holder	PC	white	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP13070_IRENE-IR-8	Multi-lens	1792	336	112	10.6
» Box size: 480 x 280 x 300 mm					




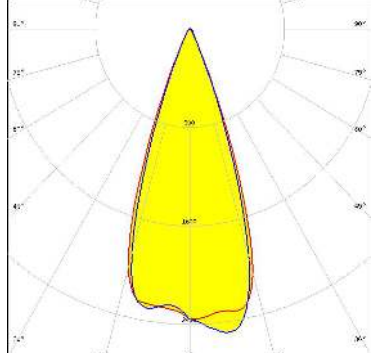



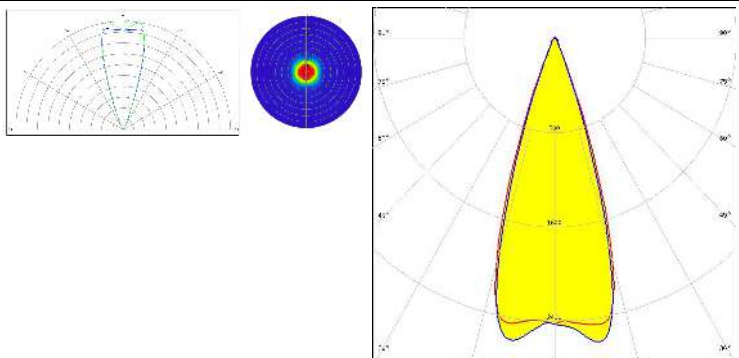


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

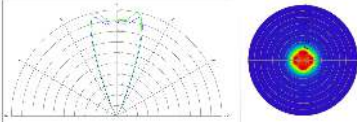
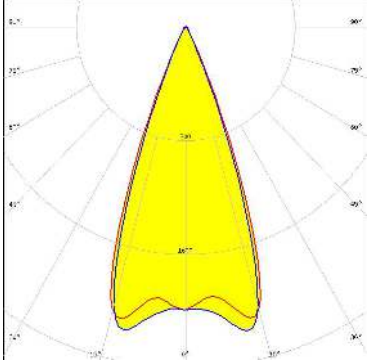
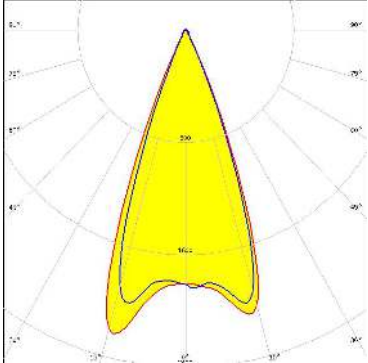
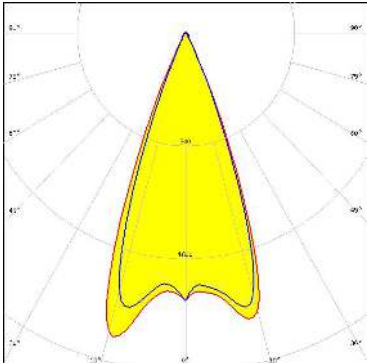
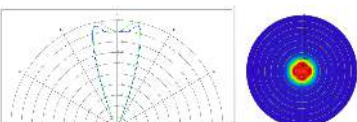
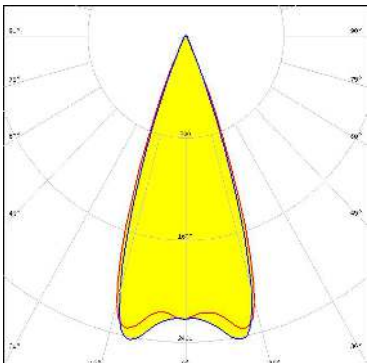
### OPTICAL RESULTS (MEASURED):

<b>OSRAM</b> <small>Opto Semiconductors</small>	
LED	SFH 4715S
FWHM / FWTM	32.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
<b>OSRAM</b> <small>Opto Semiconductors</small>	
LED	SFH 4725S
FWHM / FWTM	35.0° / 56.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

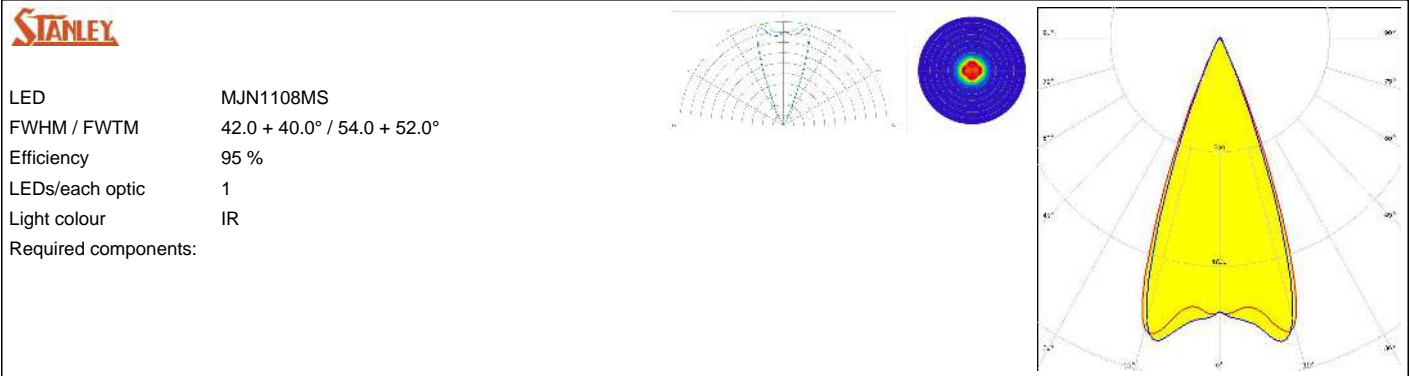
#### OPTICAL RESULTS (SIMULATED):

	<p>LED: LUXEON IR 2720            FWHM / FWTM: 38.0 + 36.0° / 51.0°            Efficiency: 97 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	
	<p>LED: LUXEON IR Compact            FWHM / FWTM: 40.0 + 38.0° / 50.0 + 49.0°            Efficiency: 86 %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: SFH 4770S            FWHM / FWTM: 32.0 + 31.0° / 48.0 + 47.0°            Efficiency: 94 %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
	<p>LED: FWR1107MS            FWHM / FWTM: 36.0 + 34.0° / 48.0 + 47.0°            Efficiency: 97 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>STANLEY</b></p> <p>LED: FWR1108MS            FWHM / FWTM: 41.0 + 40.0° / 54.0 + 52.0°            Efficiency: 96 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>		
<p><b>STANLEY</b></p> <p>LED: MFN1107MS            FWHM / FWTM: 42.0° / 54.0°            Efficiency: 96 %            Peak intensity: 2.2 cd/lm            LEDs/each optic: 1            Light colour: IR            Required components:</p>		
<p><b>STANLEY</b></p> <p>LED: MGN1107MS            FWHM / FWTM: 42.0° / 54.0°            Efficiency: 96 %            Peak intensity: 2.2 cd/lm            LEDs/each optic: 1            Light colour: IR            Required components:</p>		
<p><b>STANLEY</b></p> <p>LED: MJN1107MS            FWHM / FWTM: 38.0 + 37.0° / 50.0 + 48.0°            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:

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