

IRENE-IR-16

~15° + 15° rectangular beam

SPECIFICATION:

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

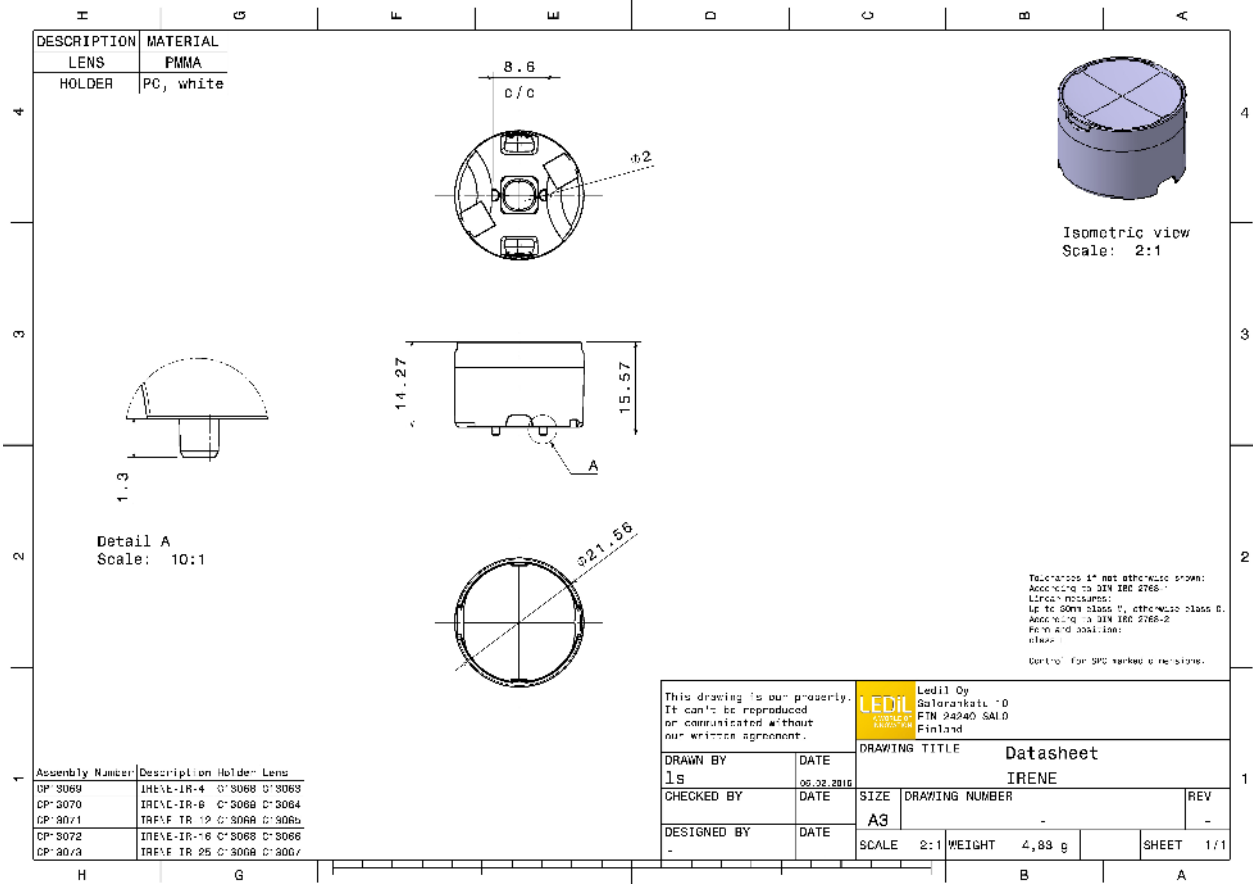
MATERIALS:

Component	Type	Material	Colour	Finish
IRENE-16	Multi-lens	PMMA	clear	
IRENE-HLD	Holder	PC	white	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP13072_IRENE-IR-16 » Box size: 480 x 280 x 300 mm	Multi-lens	1792		112	10.1





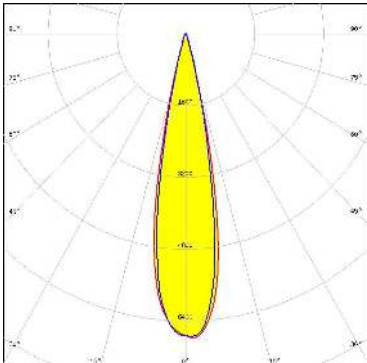
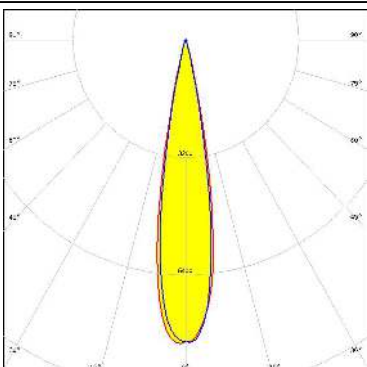
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):


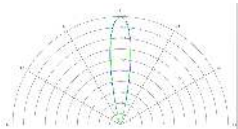
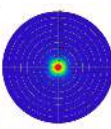
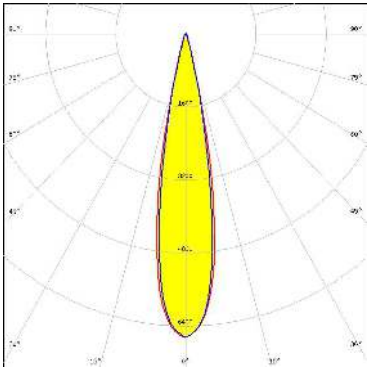

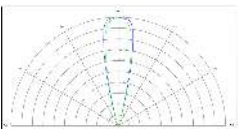
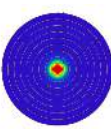
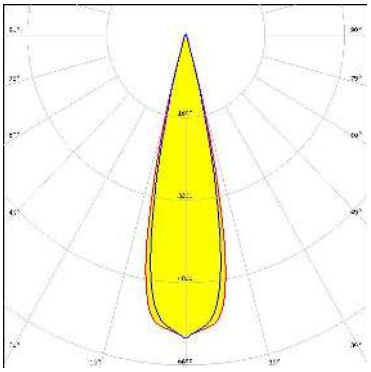



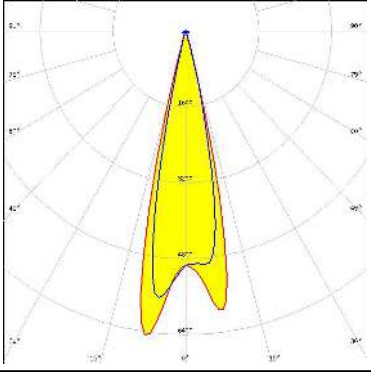



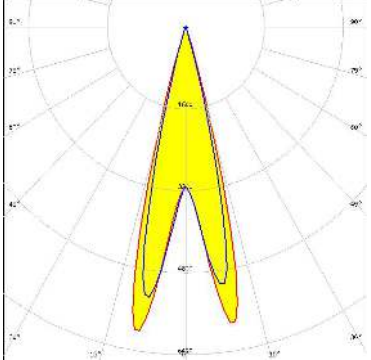
OSRAM
Opto Semiconductors

LED	SFH 4725S
FWHM / FWTM	17.0° / 36.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	


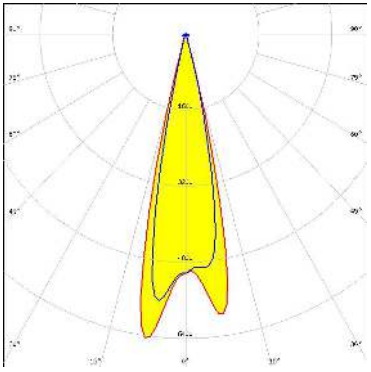

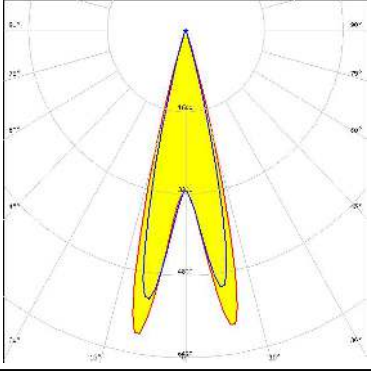

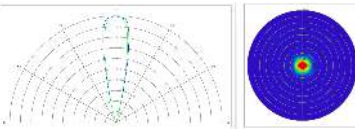
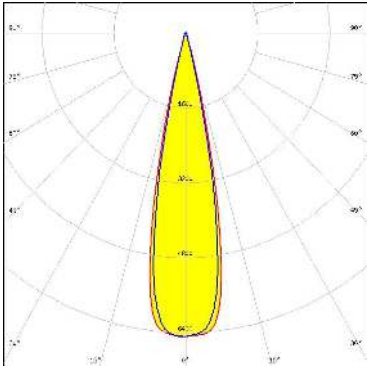

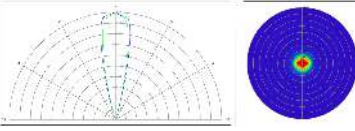
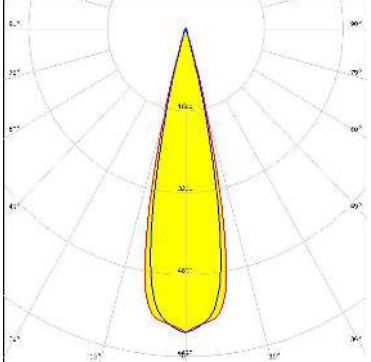
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON IR 2720 FWHM / FWTM: 22.0 + 20.0° / 32.0° Efficiency: 97 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON IR Compact FWHM / FWTM: 24.0 + 22.0° / 32.0 + 30.0° Efficiency: 87 % LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: SFH 4715S FWHM / FWTM: 20.0 + 19.0° / 26.0 + 25.0° Efficiency: 97 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: SFH 4770S FWHM / FWTM: 16.0° / 27.0° Efficiency: 94 % LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

	<p>LED: FWR1107MS FWHM / FWTM: 21.0 + 19.0° / 31.0° Efficiency: 97 % LEDs/each optic: 1 Light colour: IR Required components:</p>			
	<p>LED: FWR1108MS FWHM / FWTM: 25.0 + 23.0° / 34.0 + 33.0° Efficiency: 97 % LEDs/each optic: 1 Light colour: IR Required components:</p>			
	<p>LED: MFN1107MS FWHM / FWTM: 24.0° / 31.0° Efficiency: 96 % Peak intensity: 6.5 cd/lm LEDs/each optic: 1 Light colour: IR Required components:</p>			
	<p>LED: MFN1108MS FWHM / FWTM: 27.0° / 35.0° Efficiency: 97 % Peak intensity: 6 cd/lm LEDs/each optic: 1 Light colour: IR Required components:</p>			

OPTICAL RESULTS (SIMULATED):

	<p>LED MGN1107MS FWHM / FWTM 24.0° / 31.0° Efficiency 96 % Peak intensity 6.5 cd/lm LEDs/each optic 1 Light colour IR Required components:</p>		
	<p>LED MGN1108MS FWHM / FWTM 28.0° / 35.0° Efficiency 97 % Peak intensity 6 cd/lm LEDs/each optic 1 Light colour IR Required components:</p>		
	<p>LED MJN1107MS FWHM / FWTM 23.0 + 21.0° / 31.0 + 30.0° Efficiency 97 % LEDs/each optic 1 Light colour IR Required components:</p>		
	<p>LED MJN1108MS FWHM / FWTM 25.0 + 23.0° / 34.0 + 32.0° Efficiency 95 % LEDs/each optic 1 Light colour IR 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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