

IRENE-IR-12

~25° + 25° rectangular beam

SPECIFICATION:

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

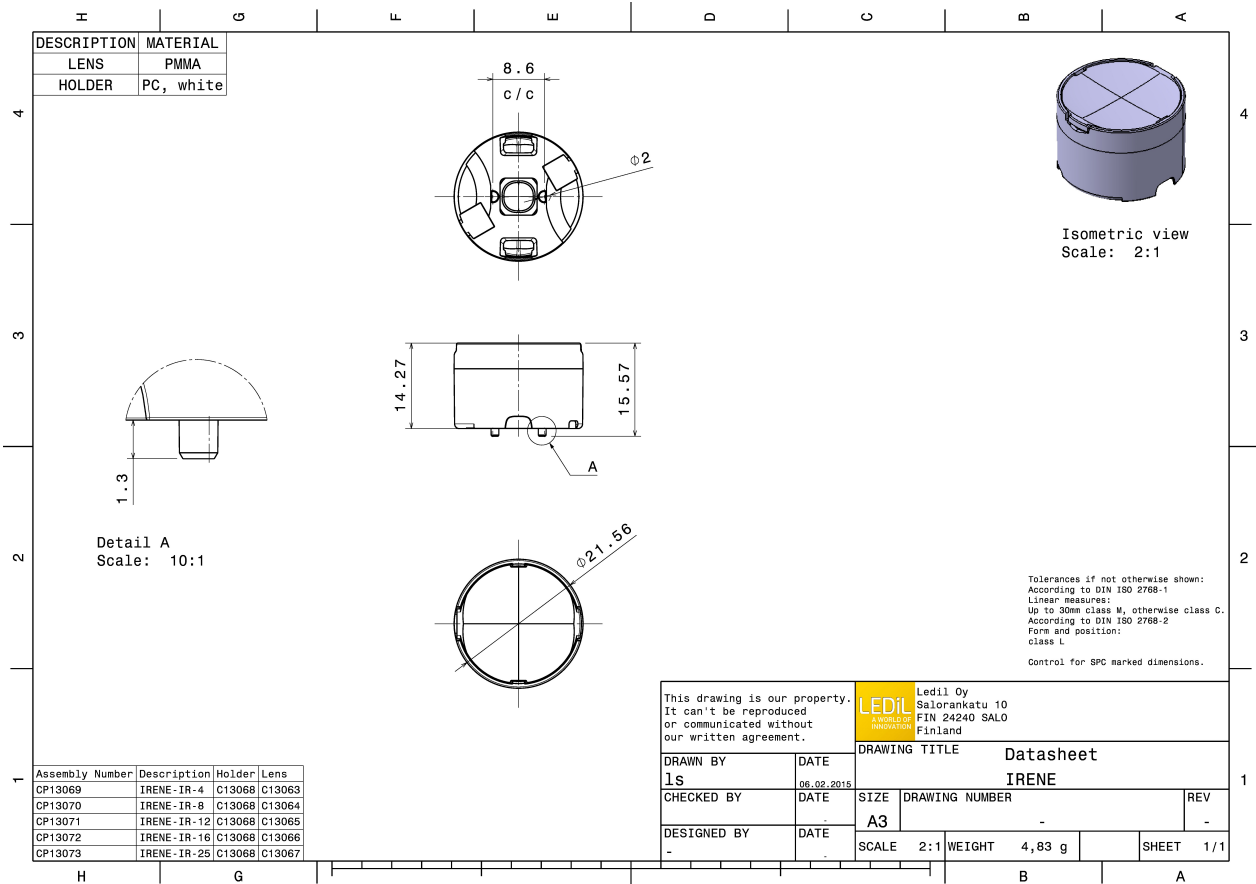
MATERIALS:

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

Opto Semiconductors

LED SFH 4715S
FWHM / FWTM 25.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

OSRAM

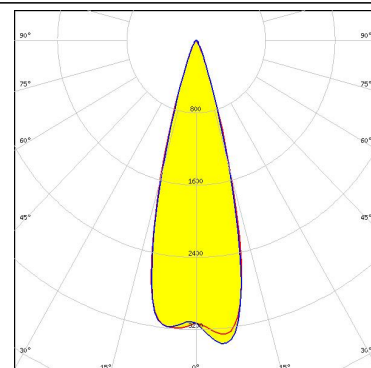
Opto Semiconductors

LED SFH 4725S
FWHM / FWTM 26.0° / 50.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (SIMULATED):



LED LUXEON IR 2720
 FWHM / FWTM 29.0° / 44.0°
 Efficiency 97 %
 LEDs/each optic 1
 Light colour IR
 Required components:



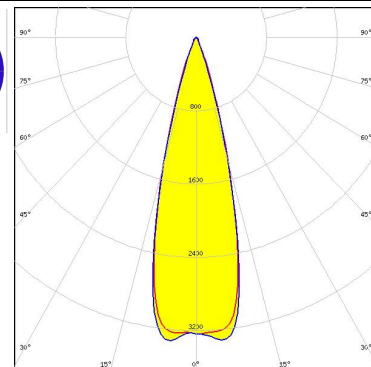
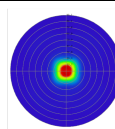
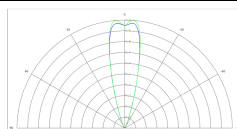
LED LUXEON IR Compact
 FWHM / FWTM 30.0° / 44.0 + 42.0°
 Efficiency 87 %
 LEDs/each optic 1
 Light colour White
 Required components:




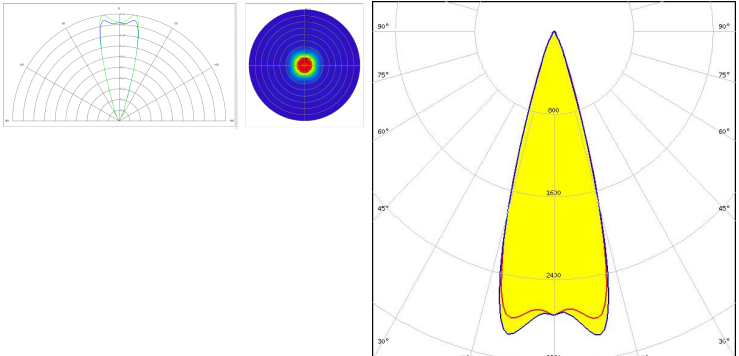

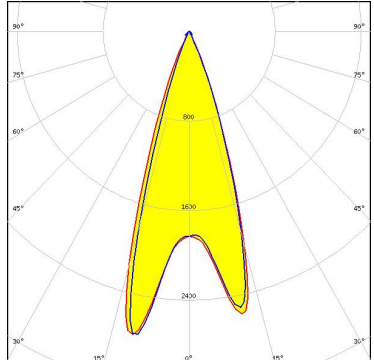

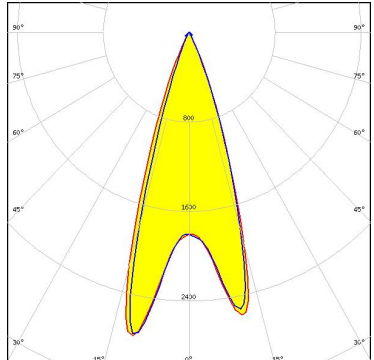

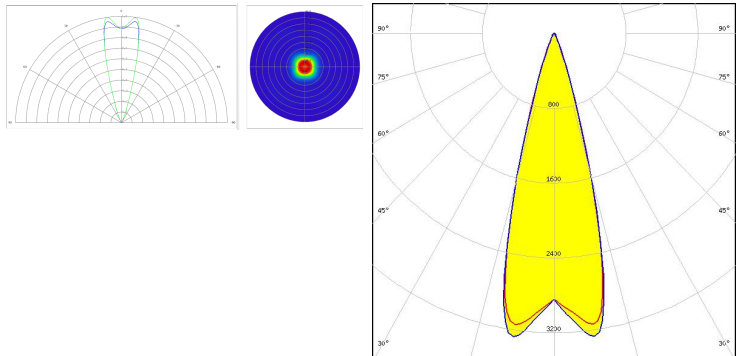
LED SFH 4770S
 FWHM / FWTM 24.0° / 40.0 + 39.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED FWR1107MS
 FWHM / FWTM 28.0° / 44.0°
 Efficiency 97 %
 LEDs/each optic 1
 Light colour IR
 Required components:



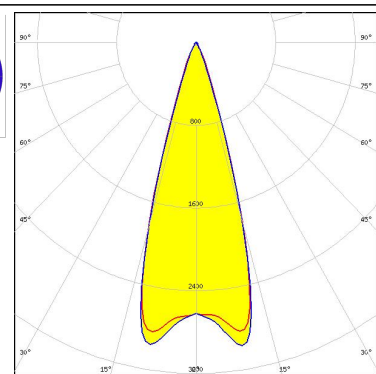
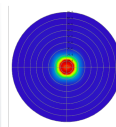
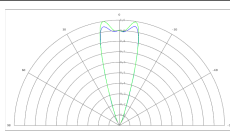
OPTICAL RESULTS (SIMULATED):

 <p> LED FWR1108MS FWHM / FWTM 32.0° / 46.0° Efficiency 97 % LEDs/each optic 1 Light colour IR Required components: </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> 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> 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):



LED MJN1108MS
FWHM / FWTM 31.0° / 45.0°
Efficiency 95 %
LEDs/each optic 1
Light colour IR
Required components:



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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