

IRENE-IR-8

~30° + 30° rectangular beam

SPECIFICATION:

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

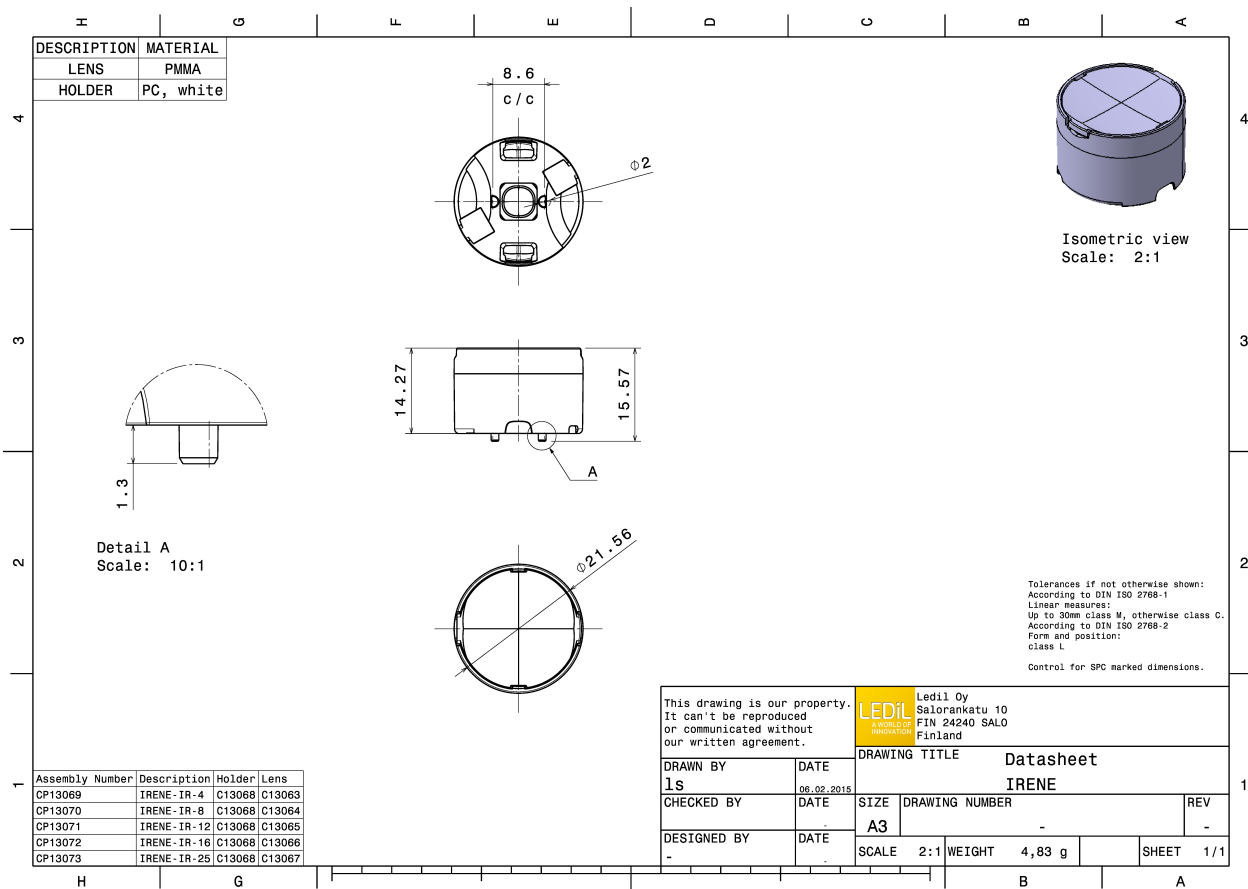


MATERIALS:

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

ORDERING INFORMATION:

Component		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

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED SFH 4715S
FWHM / FWTM 32.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OSRAM

Opto Semiconductors

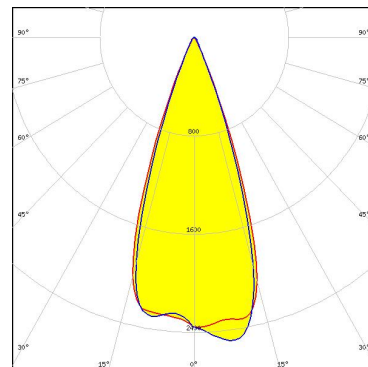
LED SFH 4725S
FWHM / FWTM 35.0° / 56.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON IR 2720
FWHM / FWTM 38.0 + 36.0° / 51.0°
Efficiency 97 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



LED LUXEON IR Compact
FWHM / FWTM 40.0 + 38.0° / 50.0 + 49.0°
Efficiency 86 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



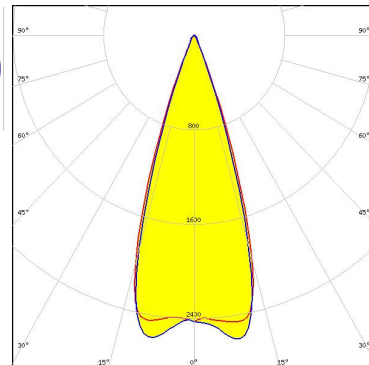
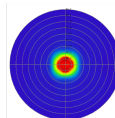
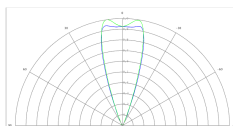
LED SFH 4770S
FWHM / FWTM 32.0 + 31.0° / 48.0 + 47.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



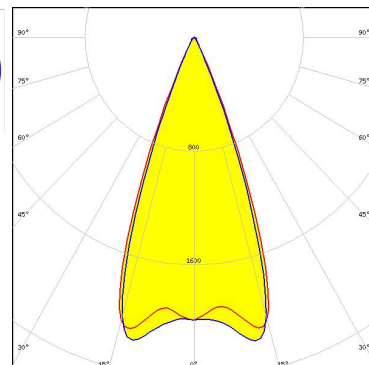
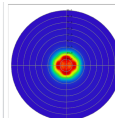
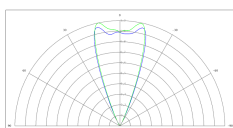
LED FWR1107MS
 FWHM / FWTM 36.0 + 34.0° / 48.0 + 47.0°
 Efficiency 97 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



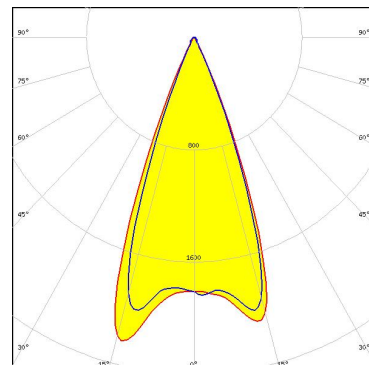
LED FWR1108MS
 FWHM / FWTM 41.0 + 40.0° / 54.0 + 52.0°
 Efficiency 96 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MFN1107MS
 FWHM / FWTM 42.0° / 54.0°
 Efficiency 96 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:

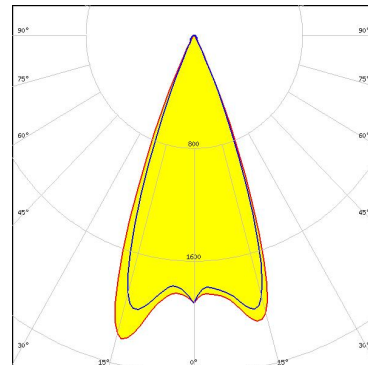


Light distribution files

OPTICAL RESULTS (SIMULATED):



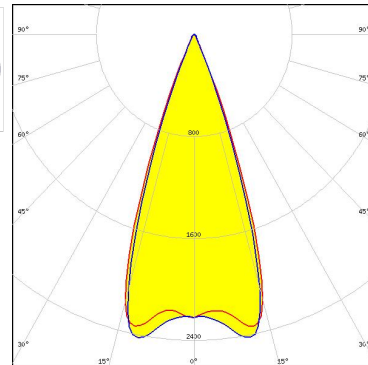
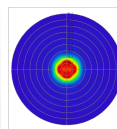
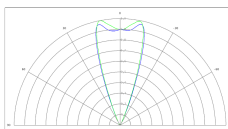
LED MGN1107MS
 FWHM / FWTM 42.0° / 54.0°
 Efficiency 96 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



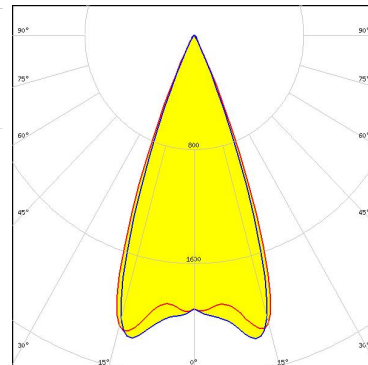
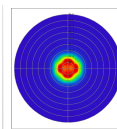
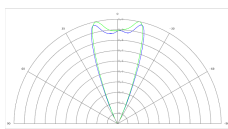
LED MJN1107MS
 FWHM / FWTM 38.0 + 37.0° / 50.0 + 48.0°
 Efficiency 97 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MJN1108MS
 FWHM / FWTM 42.0 + 40.0° / 54.0 + 52.0°
 Efficiency 95 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files

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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LEDiL Oy

Joensuunkatu 7
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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