

IRENE-IR-12

~25° + 25° rectangular beam

SPECIFICATION:

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

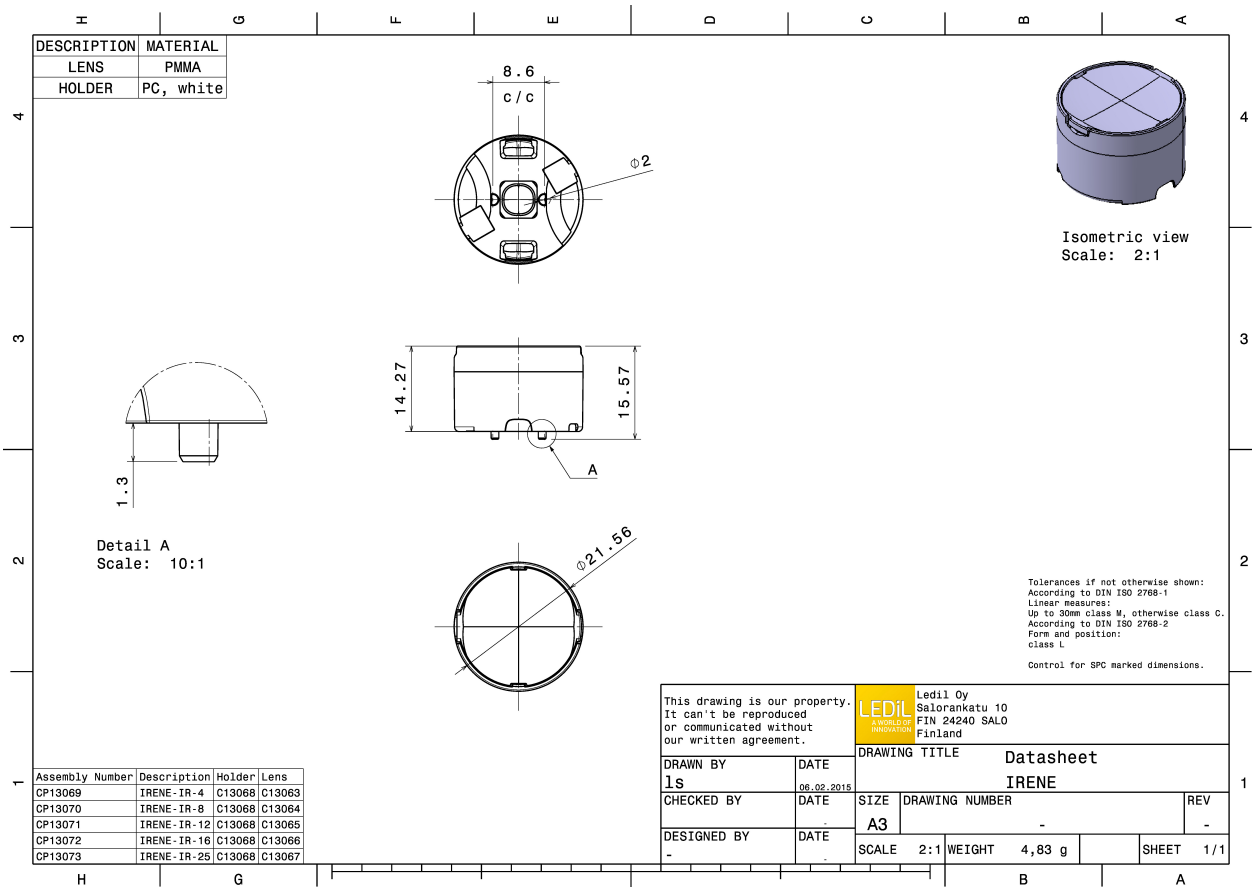


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
IRENE-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/type White
Required components:

Light distribution files

OSRAM
Opto Semiconductors

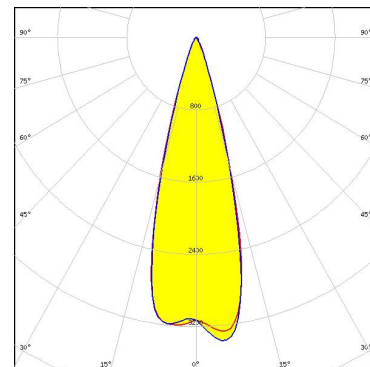
LED SFH 4725S
FWHM / FWTM 26.0° / 50.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



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



Light distribution files



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

Light distribution files



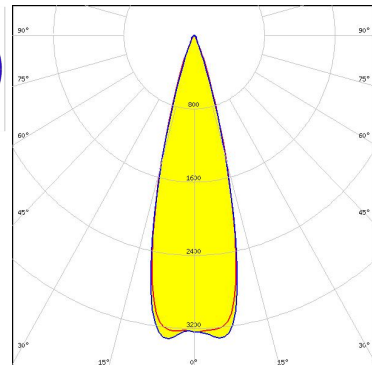
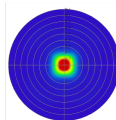
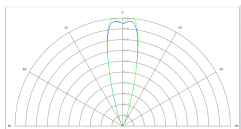
LED SFH 4770S
 FWHM / FWTM 24.0° / 40.0 + 39.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



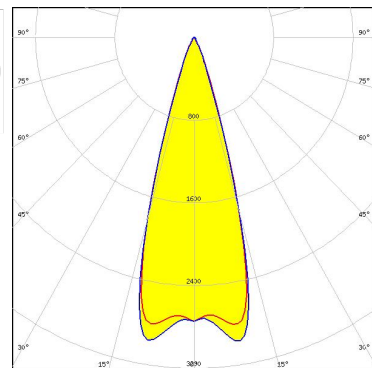
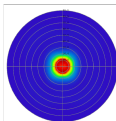
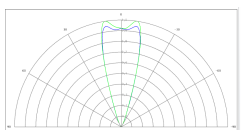
LED FWR1107MS
FWHM / FWTM 28.0° / 44.0°
Efficiency 97 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



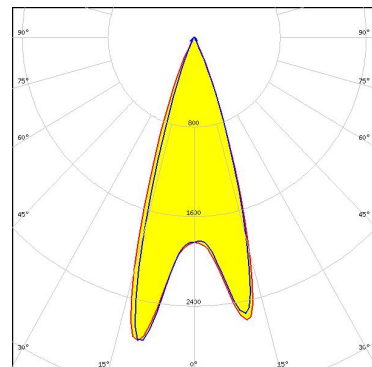
LED FWR1108MS
FWHM / FWTM 32.0° / 46.0°
Efficiency 97 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



LED MFN1107MS
FWHM / FWTM 35.0° / 50.0°
Efficiency 97 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type IR
Required components:

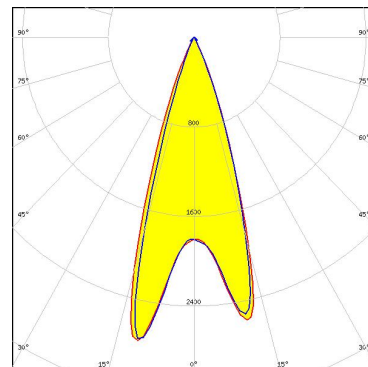


Light distribution files

OPTICAL RESULTS (SIMULATED):



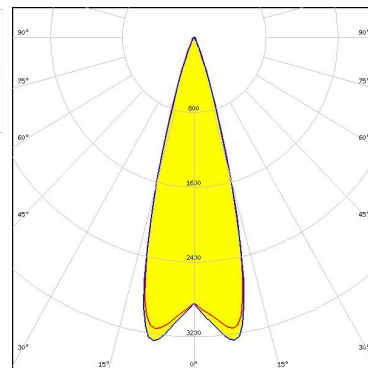
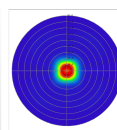
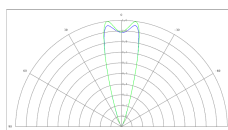
LED MGN1107MS
 FWHM / FWTM 35.0° / 49.0°
 Efficiency 97 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



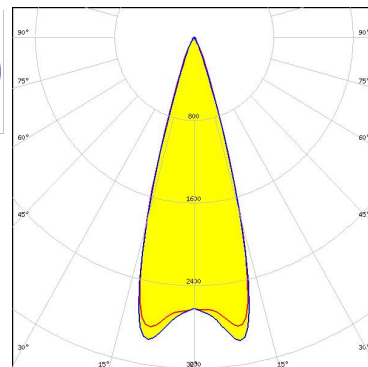
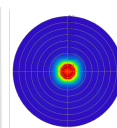
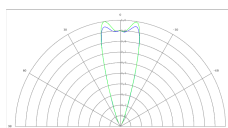
LED MJN1107MS
 FWHM / FWTM 29.0° / 44.0° + 43.0°
 Efficiency 97 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MJN1108MS
 FWHM / FWTM 31.0° / 45.0°
 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:

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