

IRENE-IR-16

~15° + 15° rectangular beam

SPECIFICATION:

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

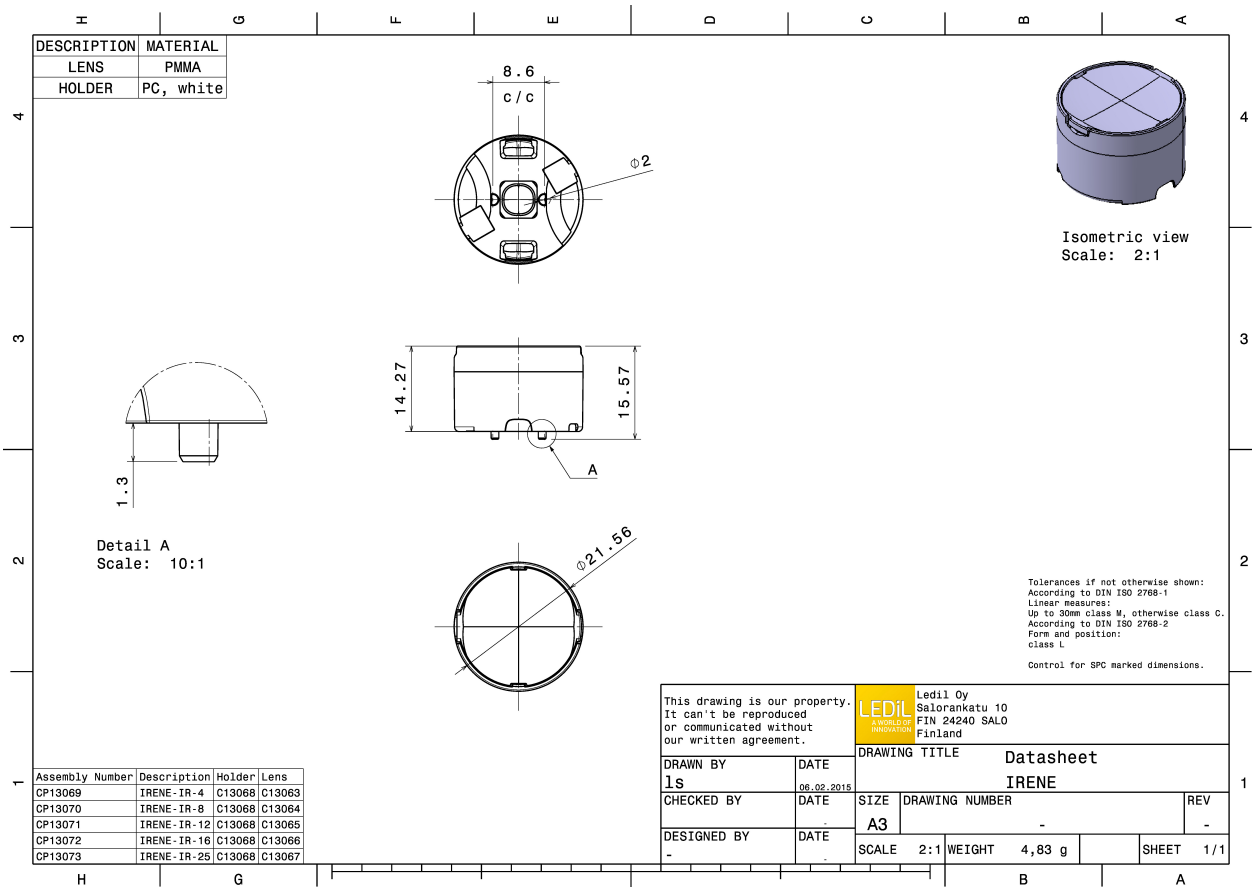


MATERIALS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP13072_IRENE-IR-16	Multi-lens	1792		112	10.1
» 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

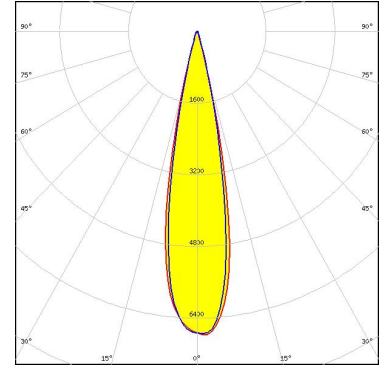
LED	SFH 4725S
FWHM / FWTM	17.0° / 36.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON IR 2720
 FWHM / FWTM 22.0 + 20.0° / 32.0°
 Efficiency 97 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files

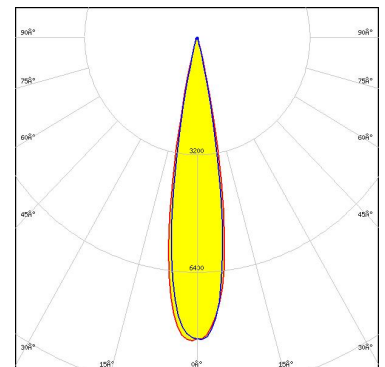


LED LUXEON IR Compact
 FWHM / FWTM 24.0 + 22.0° / 32.0 + 30.0°
 Efficiency 87 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



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/type White
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

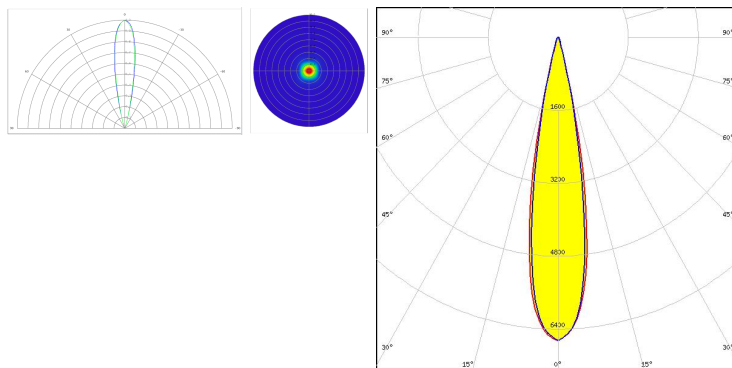
OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 16.0° / 27.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

STANLEY

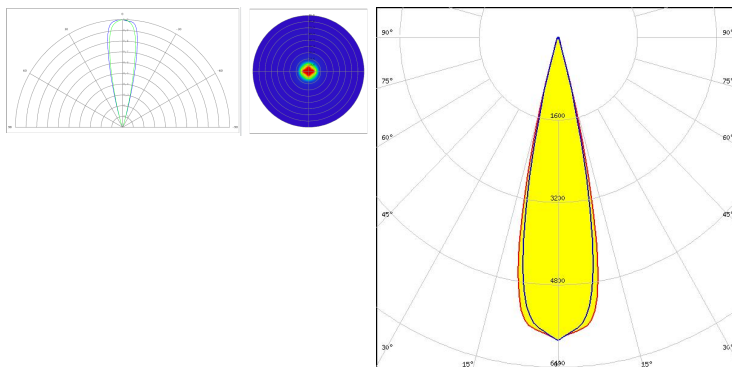
LED FWR1107MS
FWHM / FWTM 21.0 + 19.0° / 31.0°
Efficiency 97 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

STANLEY

LED FWR1108MS
FWHM / FWTM 25.0 + 23.0° / 34.0 + 33.0°
Efficiency 97 %
LEDs/each optic 1
Light colour/type IR
Required components:

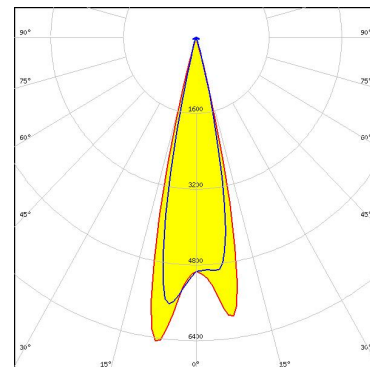


Light distribution files

OPTICAL RESULTS (SIMULATED):



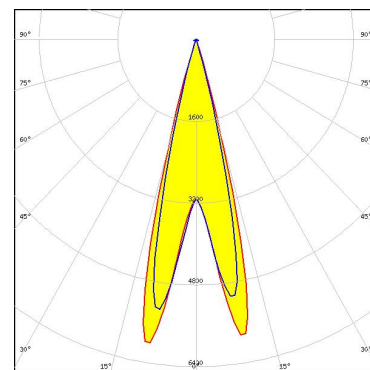
LED MFN1107MS
 FWHM / FWTM 24.0° / 31.0°
 Efficiency 96 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



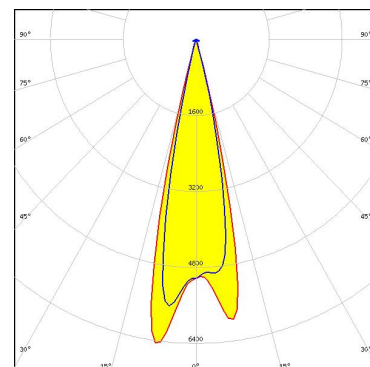
LED MFN1108MS
 FWHM / FWTM 27.0° / 35.0°
 Efficiency 97 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MGN1107MS
 FWHM / FWTM 24.0° / 31.0°
 Efficiency 96 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:

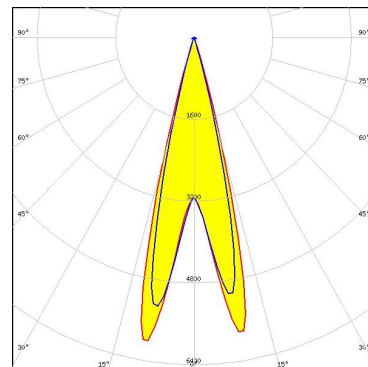


Light distribution files

OPTICAL RESULTS (SIMULATED):



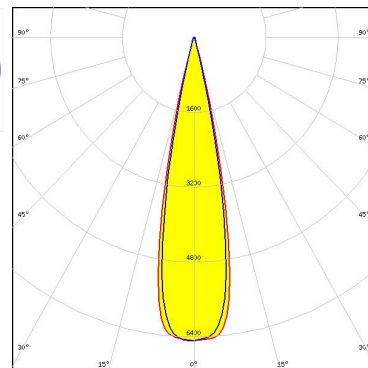
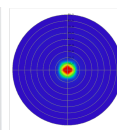
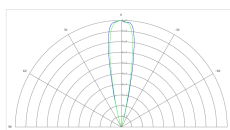
LED MGN1108MS
 FWHM / FWTM 28.0° / 35.0°
 Efficiency 97 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



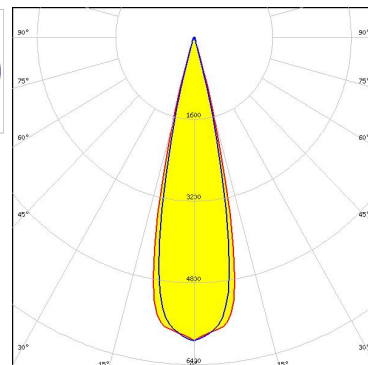
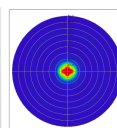
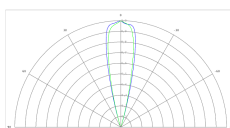
LED MJN1107MS
 FWHM / FWTM 23.0 + 21.0° / 31.0 + 30.0°
 Efficiency 97 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MJN1108MS
 FWHM / FWTM 25.0 + 23.0° / 34.0 + 32.0°
 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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