IRENE-IR-4

~65° + 65° rectangular beam

SPECIFICATION:

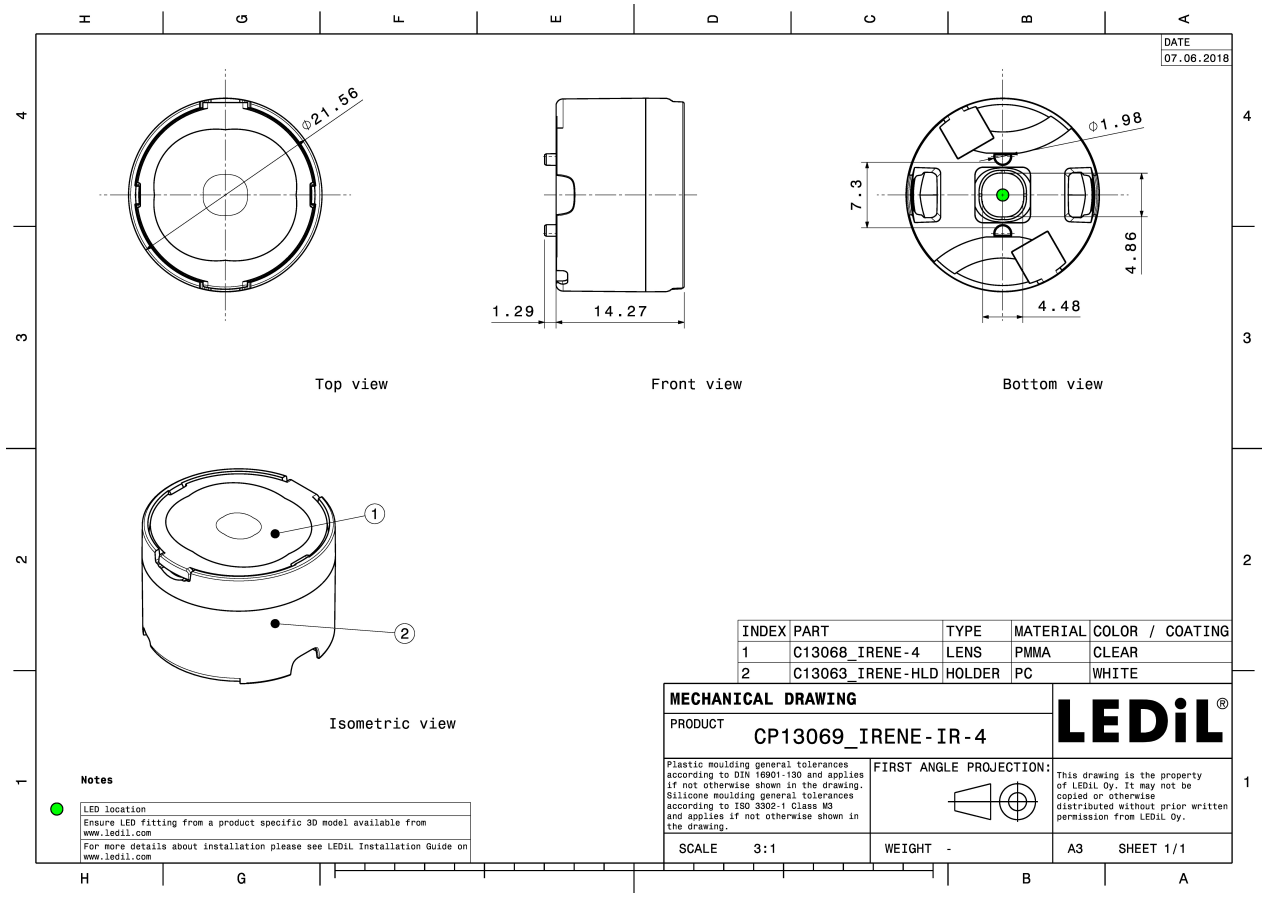
Dimensions	Ø 21.6
Height	14.3 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
IRENE-4	Multi-lens	PMMA	clear		
IRENE-HLD	Holder	PC	white		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP13069_IRENE-IR-4 » Box size: 480 x 280 x 300 mm	Multi-lens	1792	336	112	10.6



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

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	SFH 4715S
FWHM / FWTM	67.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OSRAM
Opto Semiconductors

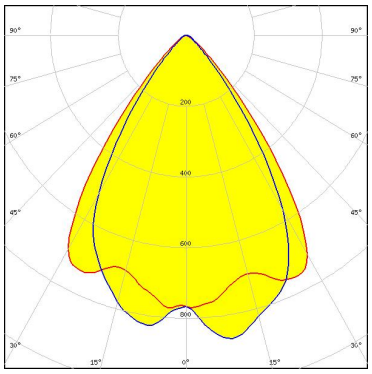
LED	SFH 4725S
FWHM / FWTM	68.0° / 96.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON IR 2720
FWHM / FWTM	74.0 + 66.0° / 97.0 + 92.0°
Efficiency	93 %
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

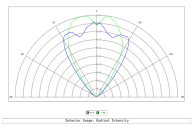
LUMILEDS

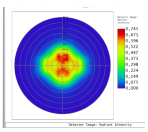
LED	LUXEON IR Compact
FWHM / FWTM	72.0 + 62.0° / 89.0 + 83.0°
Efficiency	79 %
LEDs/each optic	1
Light colour/type	White
Required components:	

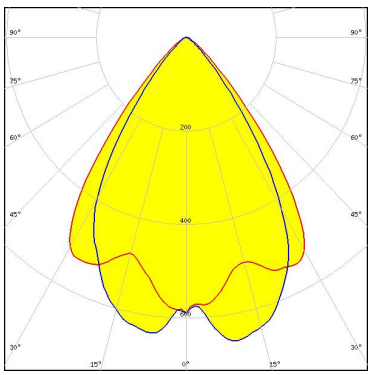
Light distribution files

OSRAM
Opto Semiconductors

LED	SFH 4714A
FWHM / FWTM	78.0 + 66.0° / 102.0 + 91.0°
Efficiency	71 %
LEDs/each optic	1
Light colour/type	IR
Required components:	





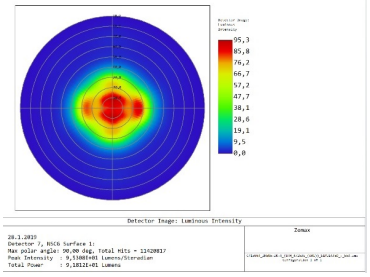


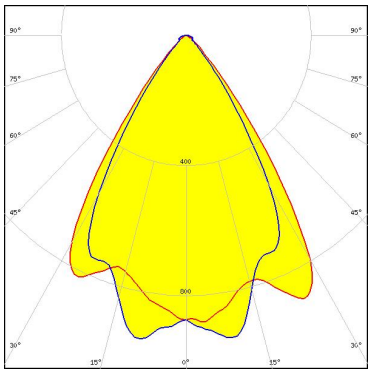
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	SFH 4725AS
FWHM / FWTM	70.0 + 62.0° / 91.0 + 85.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	IR
Required components:	





Light distribution files

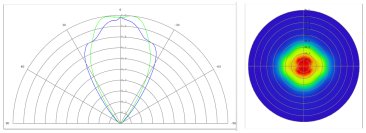
OSRAM
Opto Semiconductors

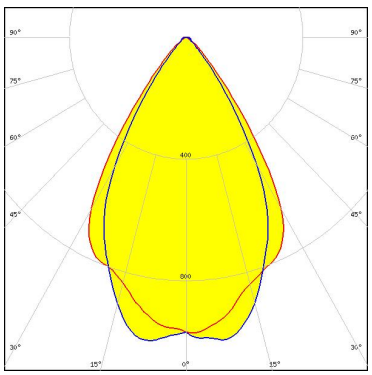
LED	SFH 4770S
FWHM / FWTM	63.0 + 53.0° / 89.0 + 82.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

STANLEY

LED	FWR1107MS
FWHM / FWTM	66.0 + 59.0° / 91.0 + 84.0°
Efficiency	93 %
LEDs/each optic	1
Light colour/type	IR
Required components:	



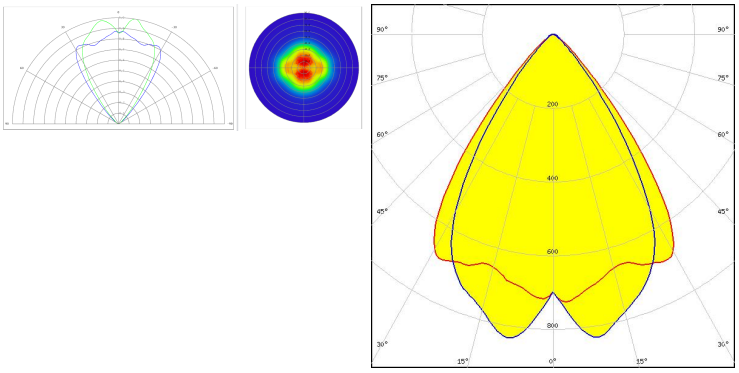


Light distribution files

OPTICAL RESULTS (SIMULATED):

STANLEY

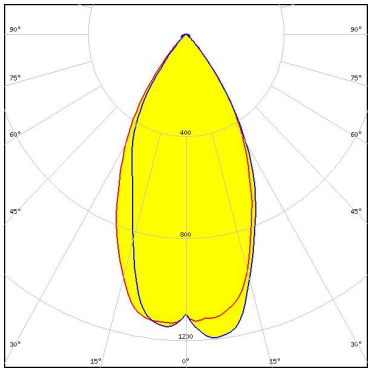
LED	FWR1108MS
FWHM / FWTM	75.0 + 67.0° / 97.0 + 91.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

STANLEY

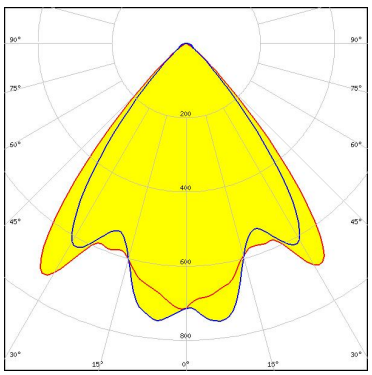
LED	MFN1107MS
FWHM / FWTM	53.0° / 84.0°
Efficiency	91 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

STANLEY

LED	MFN1108MS
FWHM / FWTM	81.0° / 99.0°
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	

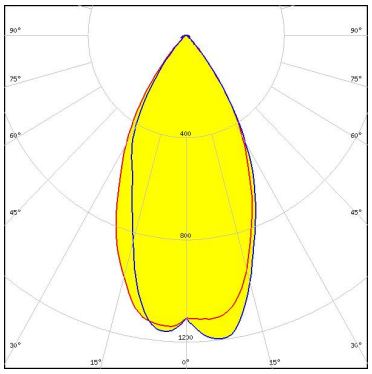


Light distribution files

OPTICAL RESULTS (SIMULATED):

STANLEY

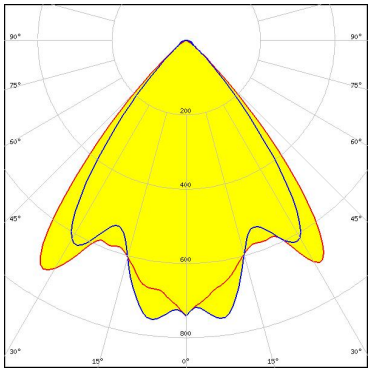
LED	MGN1107MS
FWHM / FWTM	53.0° / 84.0°
Efficiency	91 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

STANLEY

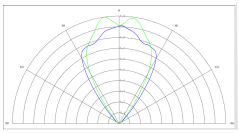
LED	MGN1108MS
FWHM / FWTM	81.0° / 99.0°
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	

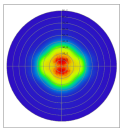


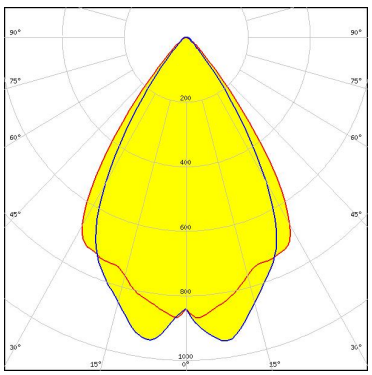
Light distribution files

STANLEY

LED	MJN1107MS
FWHM / FWTM	69.0 + 61.0° / 91.0 + 88.0°
Efficiency	92 %
Peak intensity	
LEDs/each optic	1
Light colour/type	IR
Required components:	





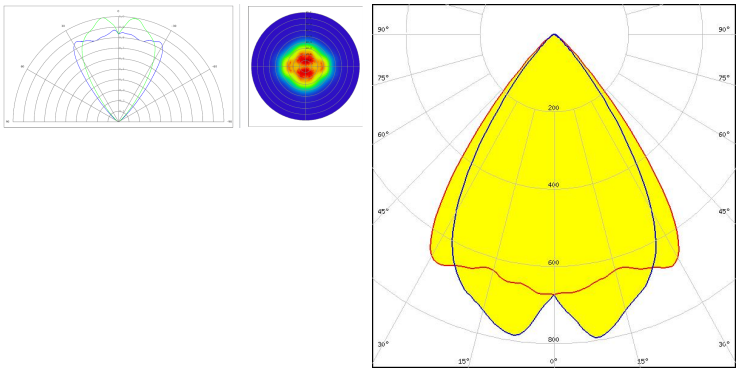


Light distribution files

OPTICAL RESULTS (SIMULATED):

STANLEY

LED	MJN1108MS
FWHM / FWTM	76.0 + 67.0° / 96.0 + 90.0°
Efficiency	87 %
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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