IRENE-IR-16

~15° + 15° rectangular beam

SPECIFICATION:

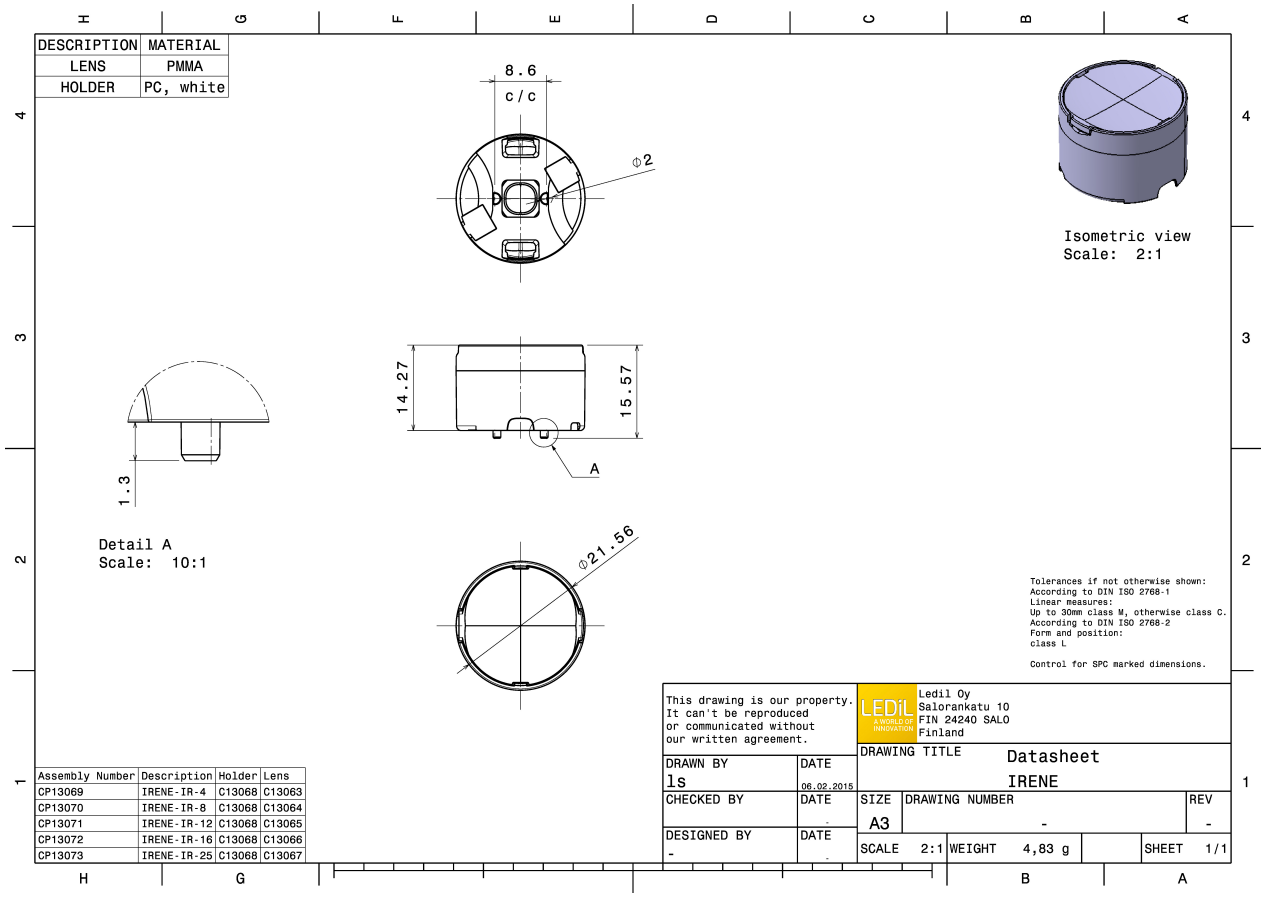
Dimensions	Ø 21.6
Height	14.3 mm
Fastening	pin
ROHS compliant	yes

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 » Box size: 480 x 280 x 300 mm	Multi-lens	1792		112	10.1



Assembly Number	Description	Holder	Lens
CP13069	IRENE-IR-4	C13068	C13063
CP13070	IRENE-IR-8	C13068	C13064
CP13071	IRENE-IR-12	C13068	C13065
CP13072	IRENE-IR-16	C13068	C13066
CP13073	IRENE-IR-25	C13068	C13067

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

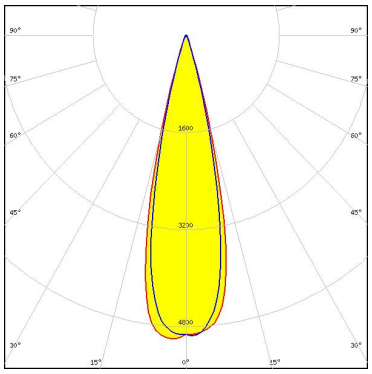
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

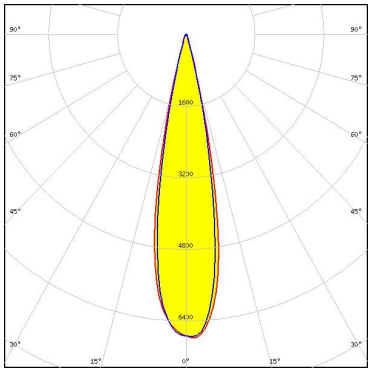
LED	XP-G4 HI
FWHM / FWTM	25.0° / 37.0°
Efficiency	96 %
Peak intensity	5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

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

LUMILEDS

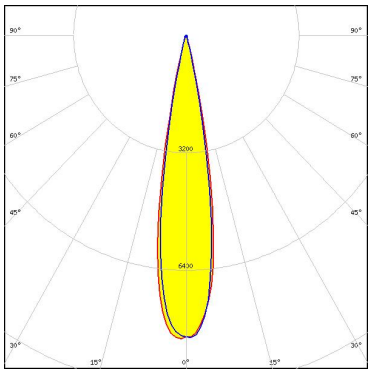
LED	LUXEON IR Compact
FWHM / FWTM	24.0 + 22.0° / 32.0 + 30.0°
Efficiency	87 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

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

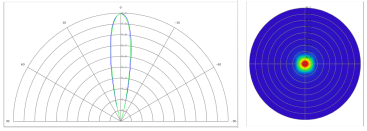
OSRAM
Opto Semiconductors

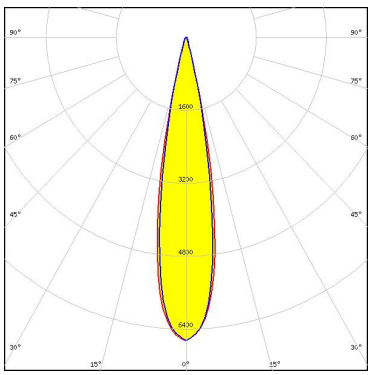
LED	SFH 4770S
FWHM / FWTM	16.0° / 27.0°
Efficiency	94 %
LEDs/each optic	1
Light colour/type	White
Required components:	

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:	

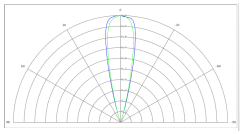
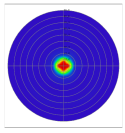
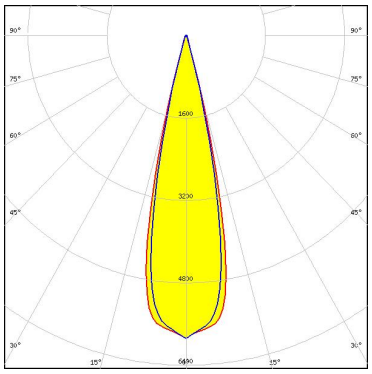




Light distribution files

OPTICAL RESULTS (SIMULATED):

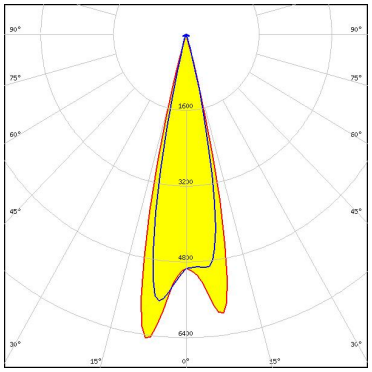
STANLEY

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

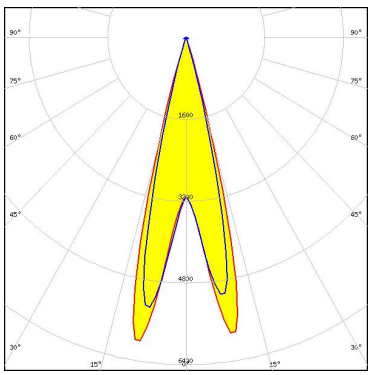
STANLEY



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

STANLEY



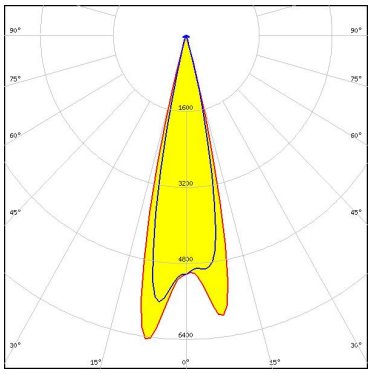
LED	MFN1108MS
FWHM / FWTM	27.0° / 35.0°
Efficiency	97 %
Peak intensity	6 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):

STANLEY

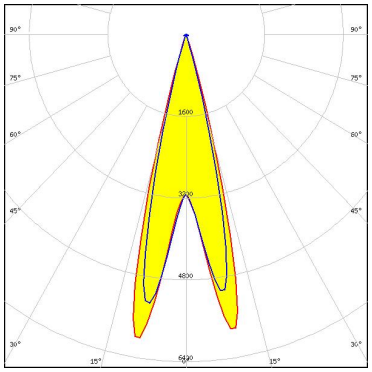
LED	MGN1107MS
FWHM / FWTM	24.0° / 31.0°
Efficiency	96 %
Peak intensity	6.5 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

STANLEY

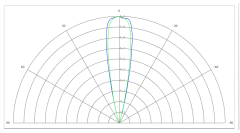
LED	MGN1108MS
FWHM / FWTM	28.0° / 35.0°
Efficiency	97 %
Peak intensity	6 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	

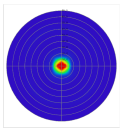


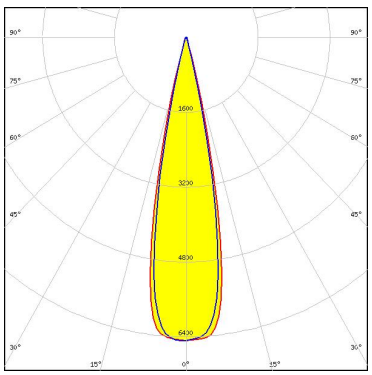
Light distribution files

STANLEY

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





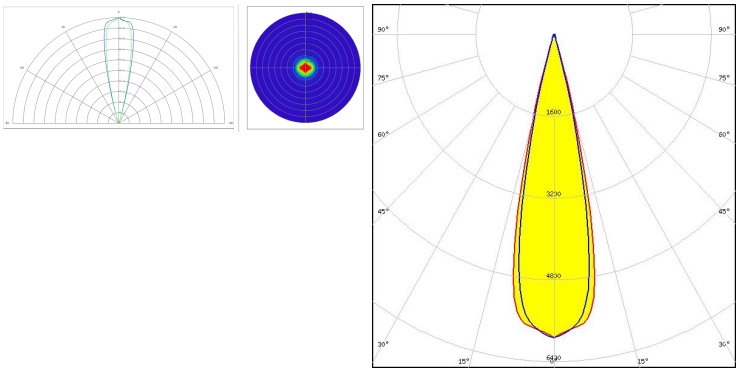


Light distribution files

OPTICAL RESULTS (SIMULATED):

STANLEY

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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