IRENE-IR-25

~16° + 16° rectangular beam



TECHNICAL SPECIFICATIONS:

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

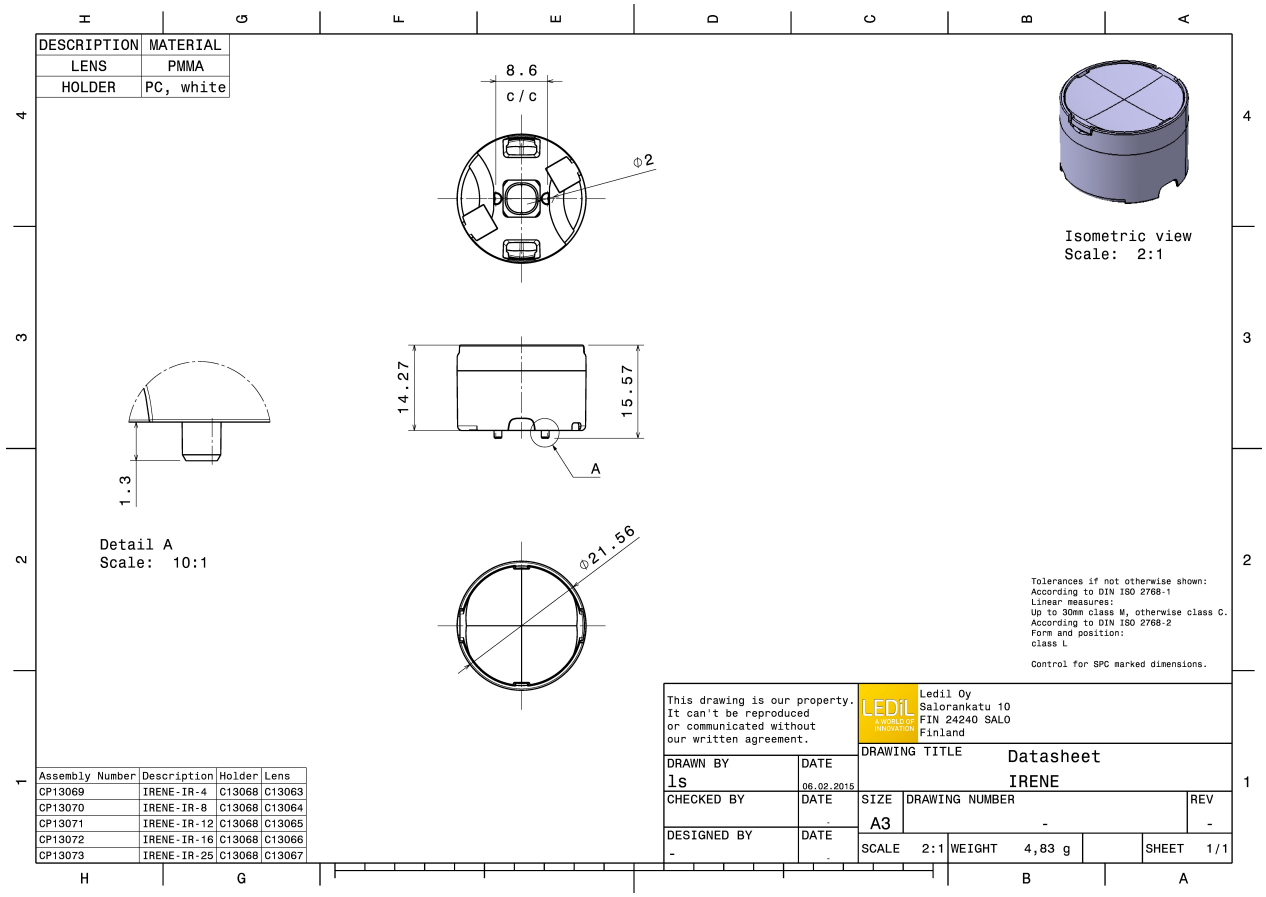
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRENE-25	Multi-lens	PMMA	clear	
IRENE-HLD	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP13073_IRENE-IR-25 » Box size: 480 x 280 x 300 mm	Multi-lens	1792	336	112	0.0

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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

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PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	SFH 4725S
FWHM / FWTM	16.0° / 26.0°
Efficiency	%
LEDs/each optic	1
Light colour	White

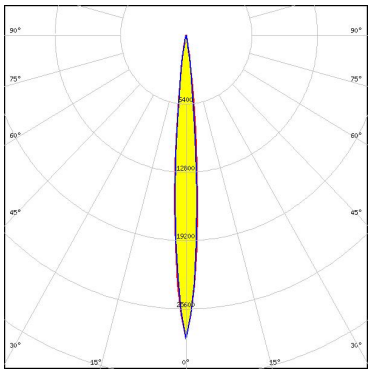
Required components:

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PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON IR 2720
FWHM / FWTM	9.0 + 8.0° / 18.0 + 17.0°
Efficiency	97 %
LEDs/each optic	1
Light colour	IR
Required components:	



LUMILEDS

LED	LUXEON IR Compact
FWHM / FWTM	9.0° / 17.0°
Efficiency	86 %
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

LED	SFH 4715S
FWHM / FWTM	11.0 + 9.0° / 20.0 + 18.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

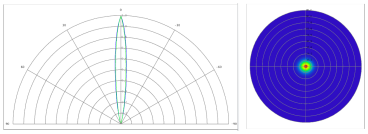
LED	SFH 4770S
FWHM / FWTM	13.0 + 11.0° / 27.0 + 24.0°
Efficiency	94 %
LEDs/each optic	1
Light colour	White
Required components:	

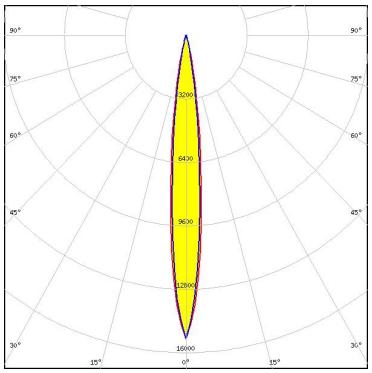
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PHOTOMETRIC DATA (SIMULATED):

STANLEY

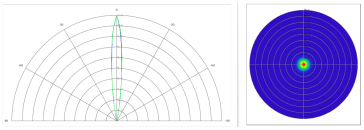
LED	FWR1107MS
FWHM / FWTM	12.0 + 11.0° / 25.0 + 23.0°
Efficiency	95 %
LEDs/each optic	1
Light colour	IR
Required components:	

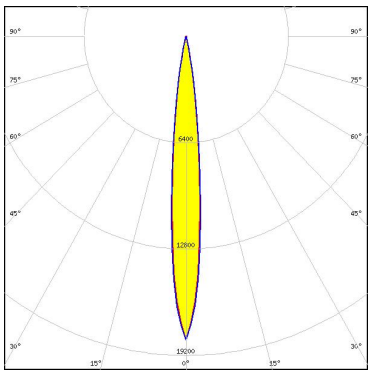




STANLEY

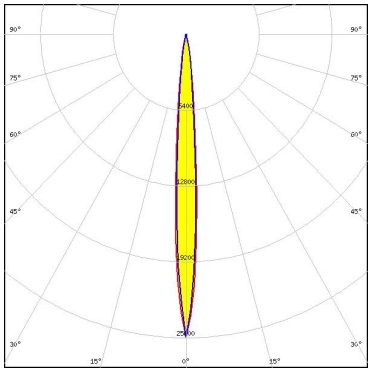
LED	FWR1108MS
FWHM / FWTM	11.0° / 21.0°
Efficiency	96 %
LEDs/each optic	1
Light colour	IR
Required components:	





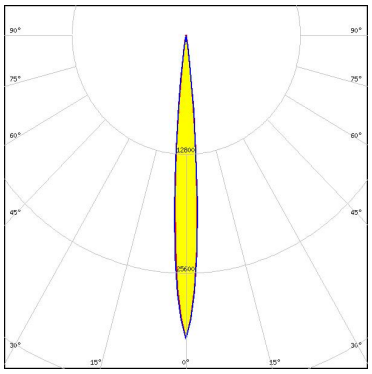
STANLEY

LED	MFN1107MS
FWHM / FWTM	8.0° / 17.0°
Efficiency	94 %
Peak intensity	25.6 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	



STANLEY

LED	MFN1108MS
FWHM / FWTM	8.0° / 16.0°
Efficiency	95 %
Peak intensity	32.7 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	

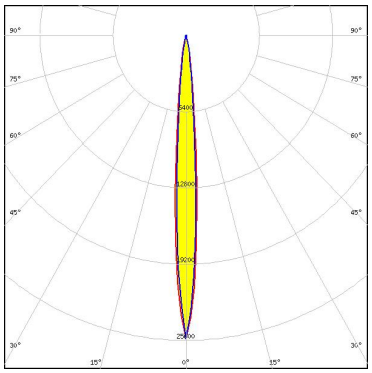


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PHOTOMETRIC DATA (SIMULATED):

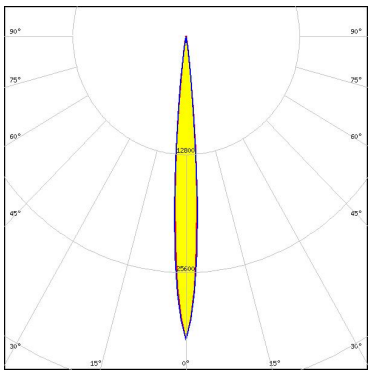
STANLEY

LED	MGN1107MS
FWHM / FWTM	8.0° / 17.0°
Efficiency	94 %
Peak intensity	25.5 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	



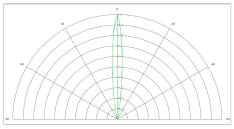
STANLEY

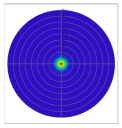
LED	MGN1108MS
FWHM / FWTM	8.0° / 16.0°
Efficiency	95 %
Peak intensity	32.9 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	

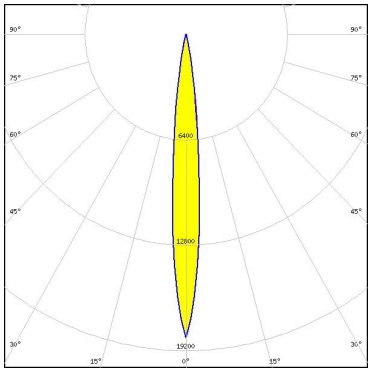


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LED	MJN1107MS
FWHM / FWTM	10.0° / 22.0°
Efficiency	96 %
LEDs/each optic	1
Light colour	IR
Required components:	

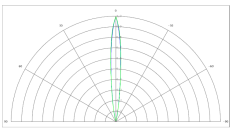


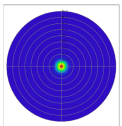


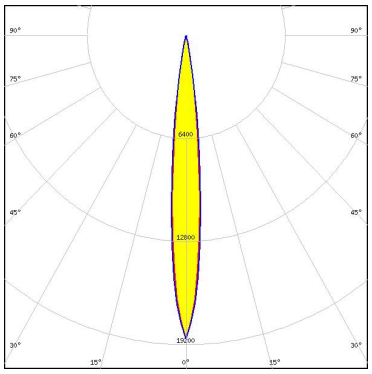


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LED	MJN1108MS
FWHM / FWTM	11.0° / 21.0°
Efficiency	93 %
LEDs/each optic	1
Light colour	IR
Required components:	







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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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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