IRENE-IR-25

~16° + 16° rectangular beam

SPECIFICATION:

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

MATERIALS:

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	Multi-lens	1792	336	112	0.0

» Box size: 480 x 280 x 300 mm

DESCRIPTION	MATERIAL
LENS	PMMA
HOLDER	PC, white

8.6
c/c

⌀2

14.27

15.57

A

Detail A
Scale: 10:1

1.3

Isometric view
Scale: 2:1

⌀21.56

Tolerances if not otherwise shown:
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position:
class L

Control for SPC marked dimensions.

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

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet
IRENE

DRAWN BY	DATE
ls	06.02.2015
CHECKED BY	DATE
	-
DESIGNED BY	DATE
-	-

SIZE: A3
DRAWING NUMBER: -
REV: -
SCALE 2:1
WEIGHT 4,83 g
SHEET 1/1

See also our general installation guide: www.ledil.com/installation_guide
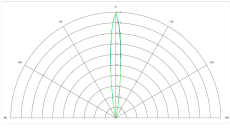
OPTICAL RESULTS (MEASURED):
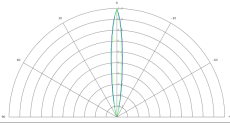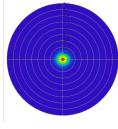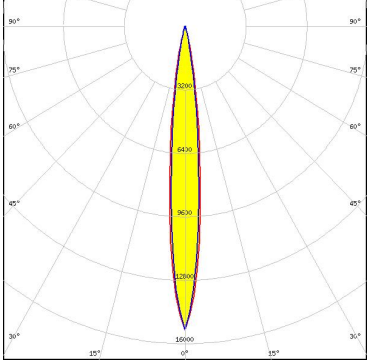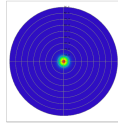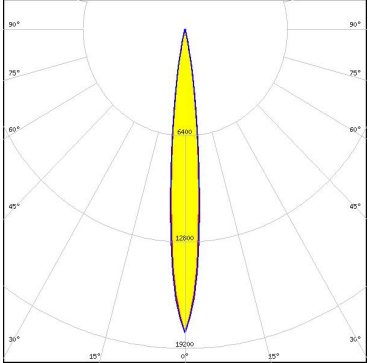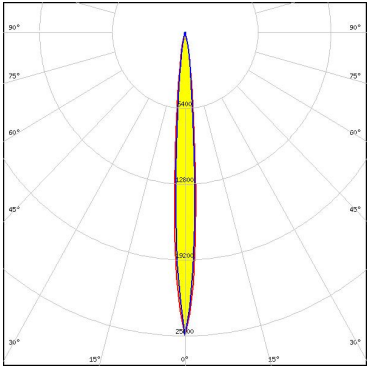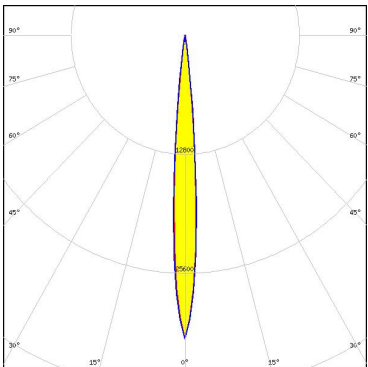
OSRAM
Opto Semiconductors

LED	SFH 4725S
FWHM / FWTM	16.0° / 26.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
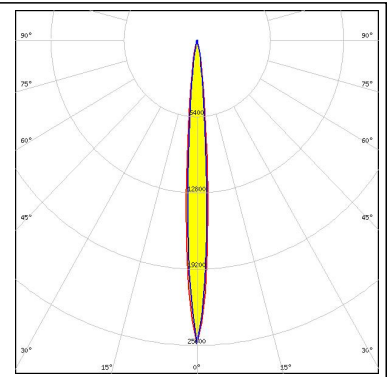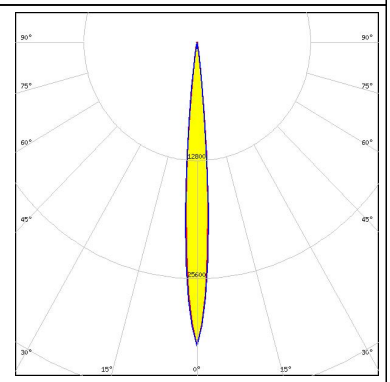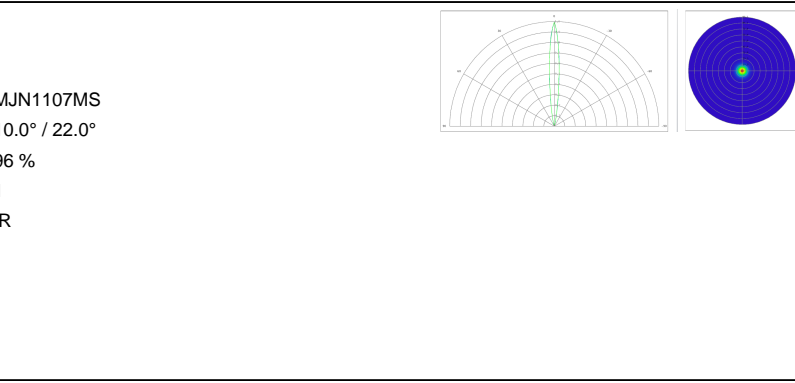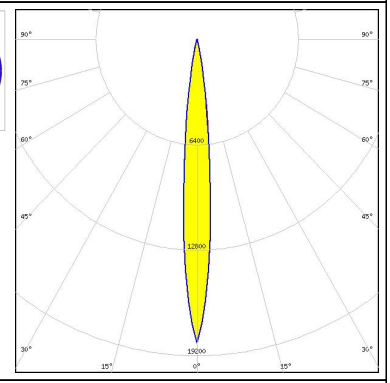
OPTICAL RESULTS (SIMULATED):

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:	

OPTICAL RESULTS (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:	

OPTICAL RESULTS (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:	

STANLEY

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

STANLEY

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