

IRENE-IR-12

~25° + 25° rectangular beam

TECHNICAL SPECIFICATIONS:

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

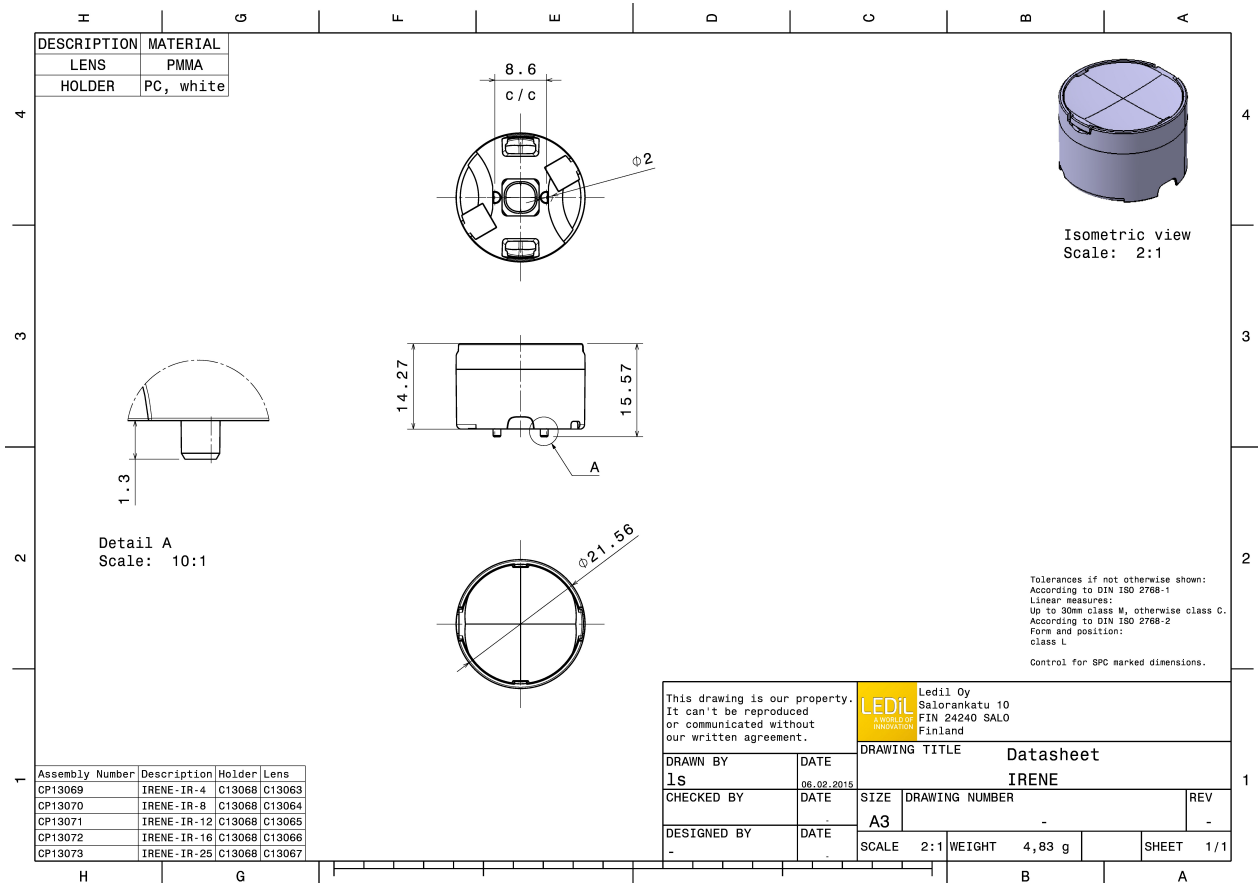
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRENE-12	Multi-lens	PMMA	clear	
IRENE-HLD	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP13071_IRENE-IR-12	Multi-lens	1792	336	112	10.2
» Box size: 480 x 280 x 300 mm					





PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED SFH 4715S
FWHM 25.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 26.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):



LED	LUXEON IR Compact
FWHM	30.0°
Efficiency	87 %
LEDs/each optic	1
Light colour	White
Required components:	



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

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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