

IRENE-IR-12

~25° + 25° rectangular beam

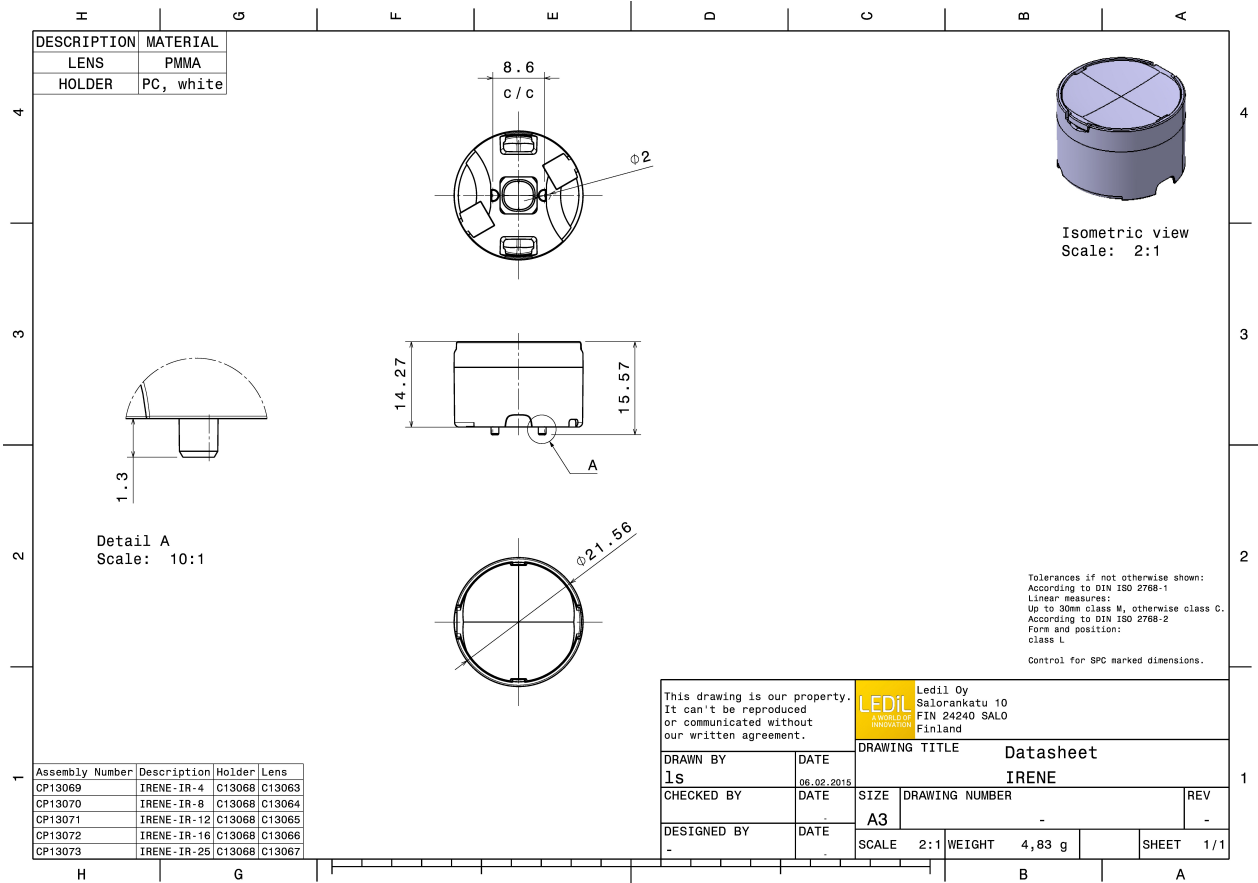
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.3 mm
Fastening	glue, pin
Colour	white
Box size	480 x 280 x 300 mm
Box weight	10.2 kg
Quantity in Box	1792 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
IRENE-12	Lens	PMMA	clear
IRENE-HLD	Holder	PC	white



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED SFH 4715S
FWHM 25.0°
Efficiency %
Peak intensity cd/lm
Required components:

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 26.0°
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON IR Compact
FWHM	30.0°
Efficiency	87 %
Peak intensity	0.000 cd/lm

Required components:

OSRAM Opto Semiconductors

LED	SFH 4770S
FWHM	24.0°
Efficiency	94 %
Peak intensity	cd/lm

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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