IRIS-IR-M

~25° infrared medium beam with sublens and holder

SPECIFICATION:

Dimensions	Ø 38.0 mm
Height	30.2 mm
Fastening	glue, screw
ROHS compliant	yes

MATERIALS:

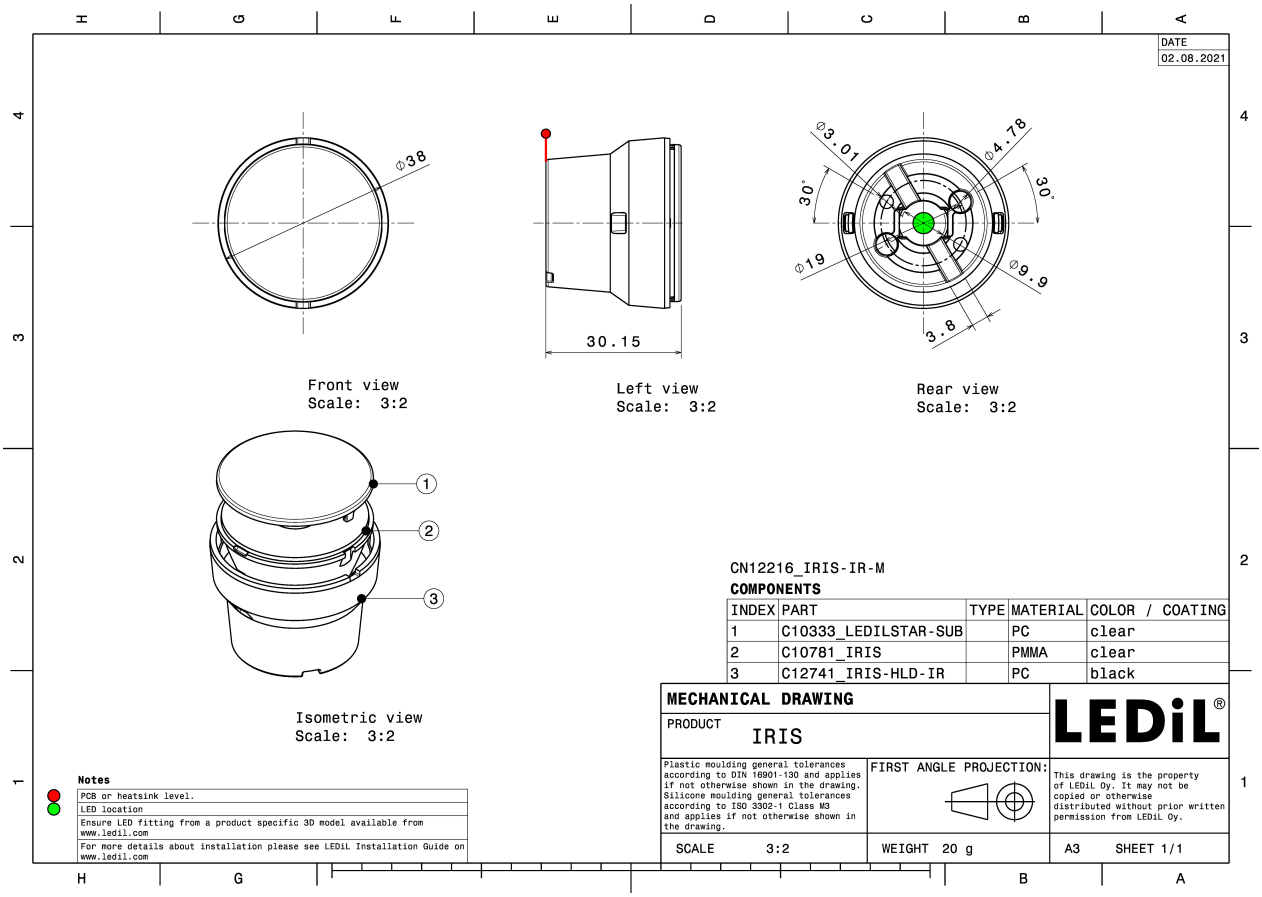
Component	Type	Material	Colour	Finish	Length
C10781_IRIS	Single lens	PMMA	clear		
C12741_IRIS-HLD-IR	Holder	PC	black		38.0
C10333_LEDILSTAR-SUB	Sublens	PC			

ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1
Sublens	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C10781_IRIS » Box size: 480 x 280 x 300 mm	Single lens	580	116	58	9.0
C12741_IRIS-HLD-IR » Box size: 480 x 280 x 300 mm	Holder	1044	116	29	7.4
C10333_LEDILSTAR-SUB » Box size: 300 x 250 x 250 mm	Sublens	2500	90	4	4.5

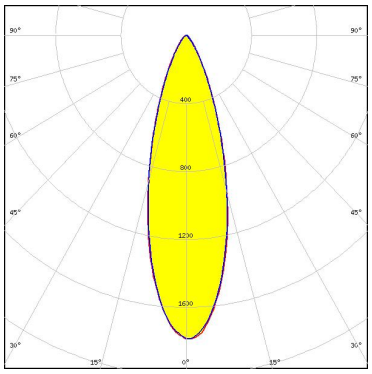


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XHP50.2
FWHM / FWTM	31.0° / 62.0°
Efficiency	71 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

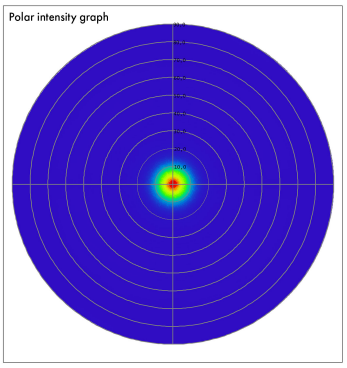


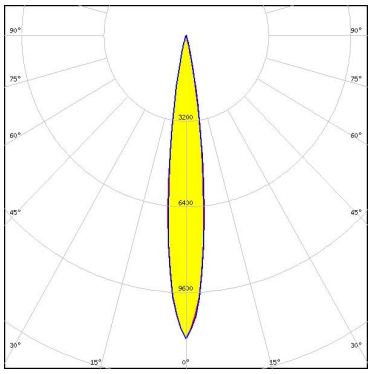
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	SFH 4717AS
FWHM / FWTM	13.0° / 25.0°
Efficiency	80 %
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:

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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