

SANDRA-12-M

~30° medium beam

SPECIFICATION:

Dimensions	Ø 67.0
Height	11.1 mm
Fastening	pin
ROHS compliant	yes ⓘ

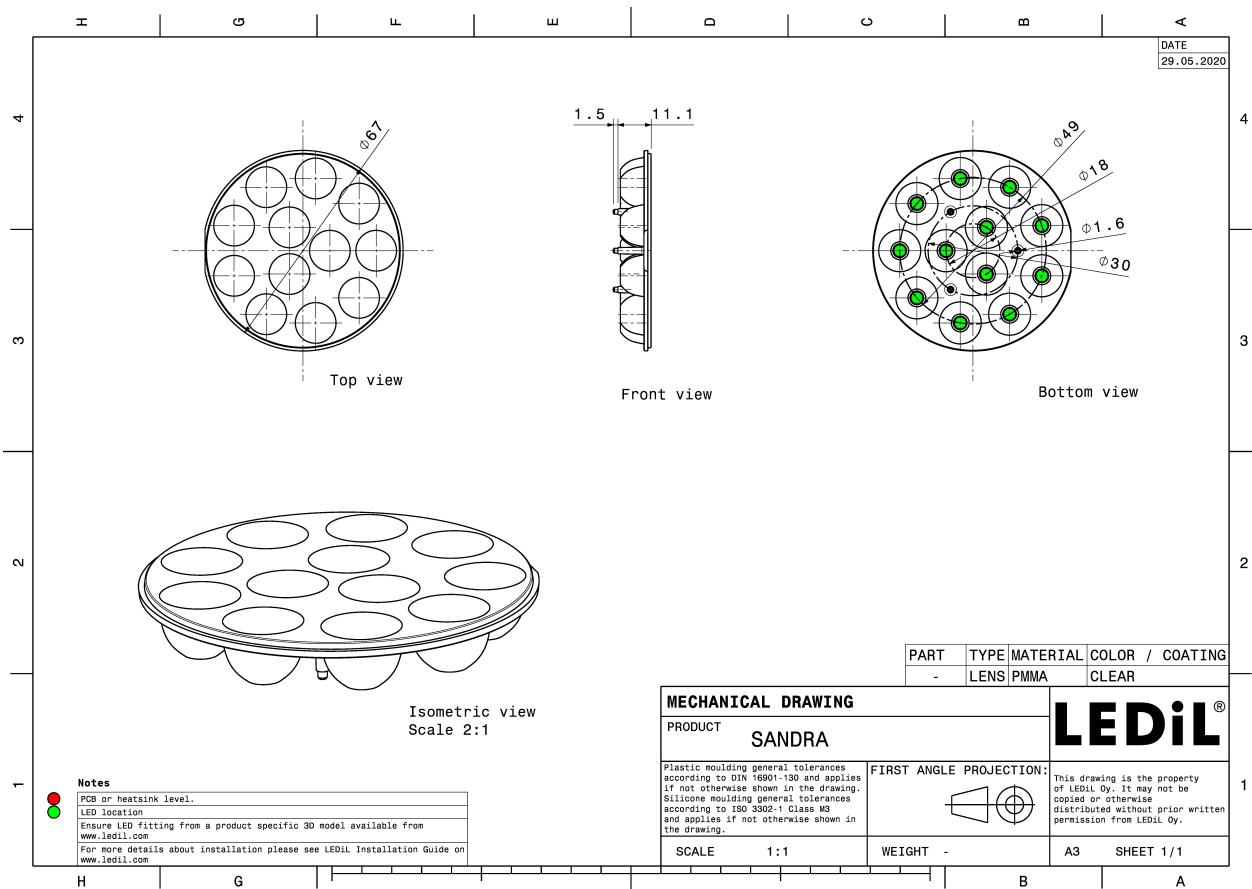
MATERIALS:

Component	Type	Material	Colour	Finish	Length
SANDRA-12-M	Multi-lens	PMMA	clear		67.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13405_SANDRA-12-M » Box size: 480 x 280 x 300 mm	306		18	7.8



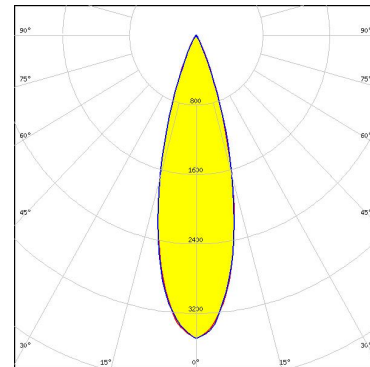


See also our general installation guide: www.ledil.com/installation_guide

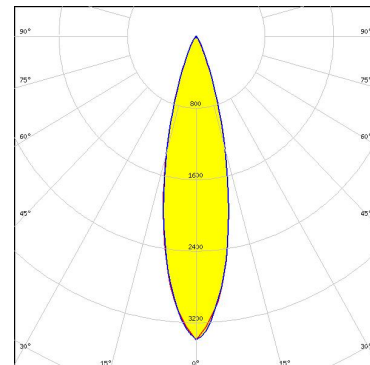
OPTICAL RESULTS (SIMULATED):



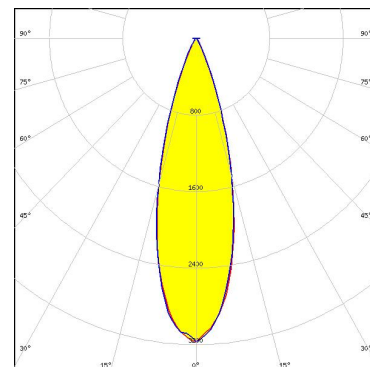
LED J Series 3030
 FWHM / FWTM 30.0° / 50.0°
 Efficiency 96 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XB-D
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 82 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XD16
 FWHM / FWTM 29.0° / 50.0°
 Efficiency 94 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

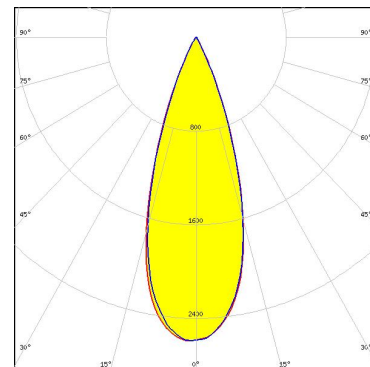


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	35.0° / 54.0°
Efficiency	96 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
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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