

SANDRA-12-M

~30° medium beam

SPECIFICATION:

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

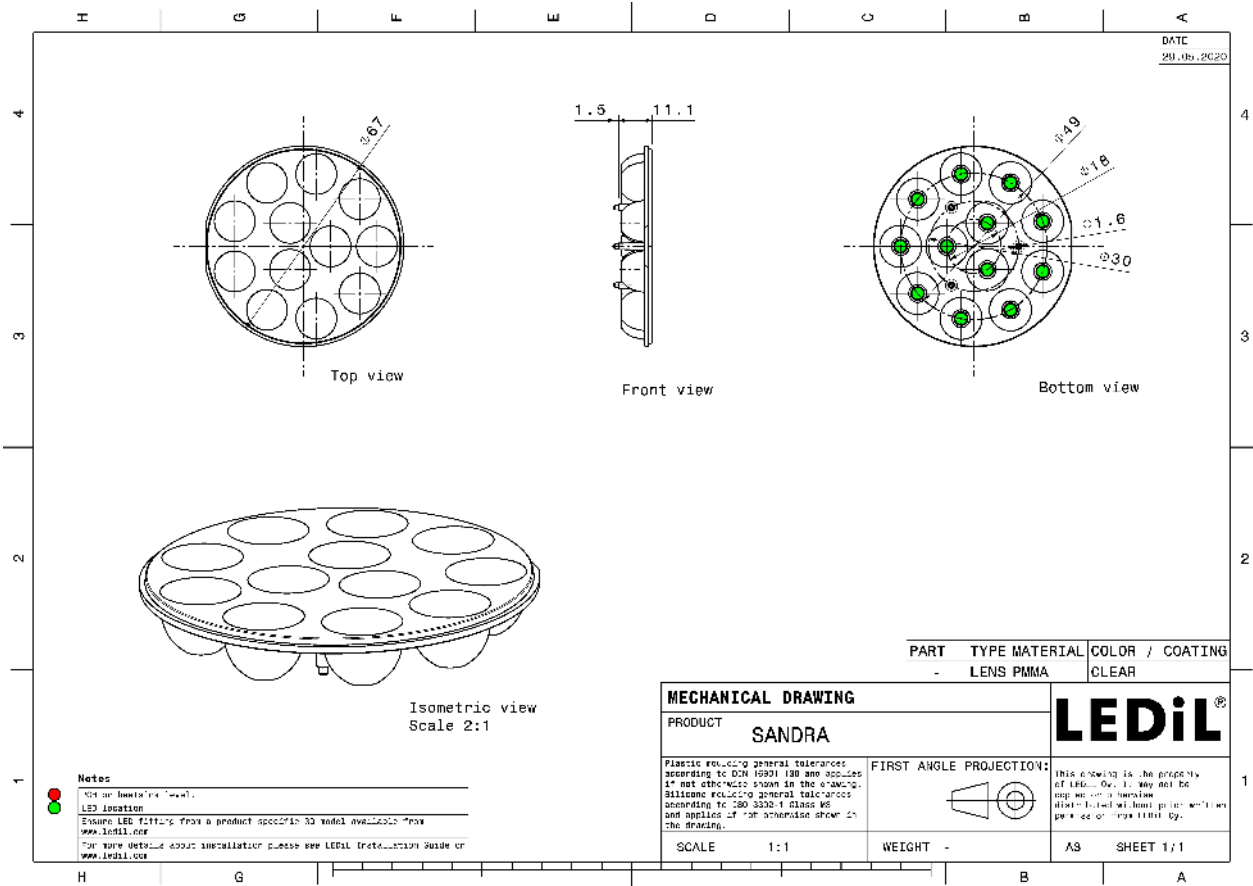


MATERIALS:

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

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

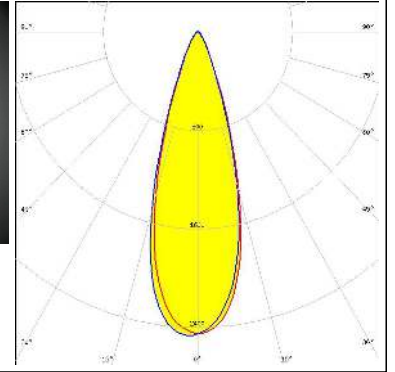
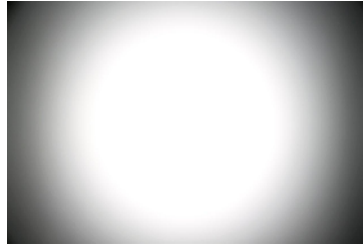


See also our general installation guide: www.ledil.com/installation_guide

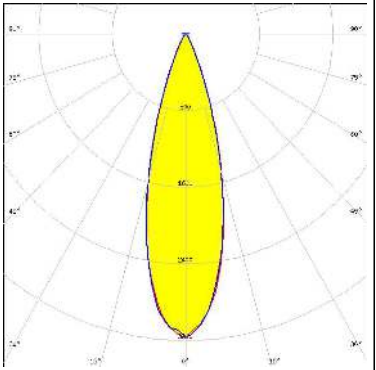
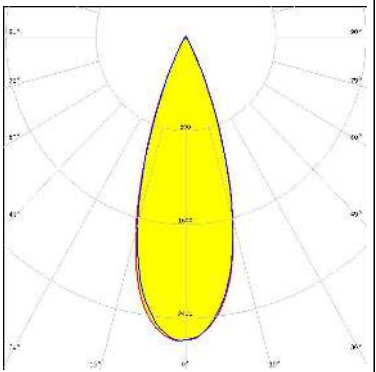
OPTICAL RESULTS (MEASURED):



LED	XP-G2
FWHM / FWTM	32.0° / 54.0°
Efficiency	91 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

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

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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