SANDRA-12-M

~30° medium beam



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 67.0 mm
Height	11.1 mm
Fastening	glue, pin
ROHS compliant	yes

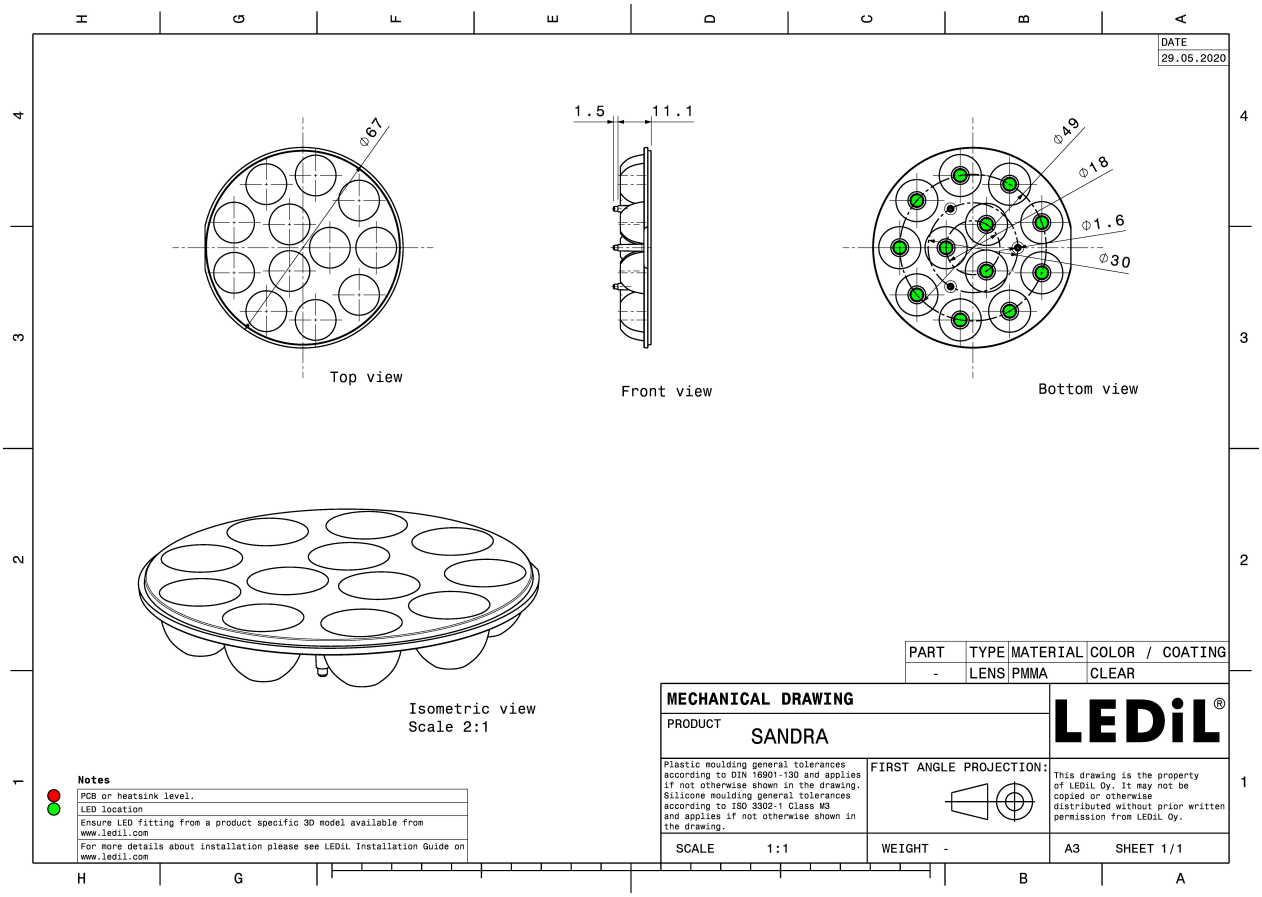
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11814_SANDRA-12-M » Box size: 480 x 280 x 300 mm	306		18	7.1

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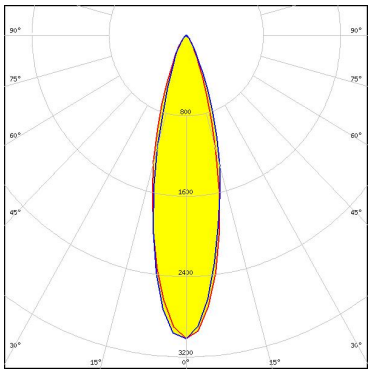
See also our general installation guide: www.ledil.com/installation_guide

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PHOTOMETRIC DATA (MEASURED):

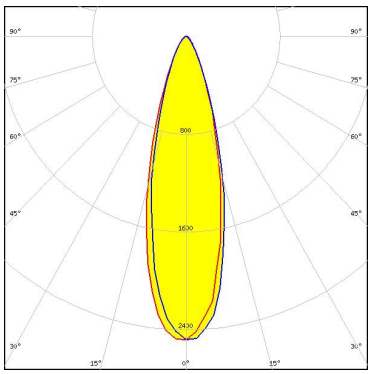
CREE LED

LED	XP-E
FWHM / FWTM	26.0° / 50.0°
Efficiency	83 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



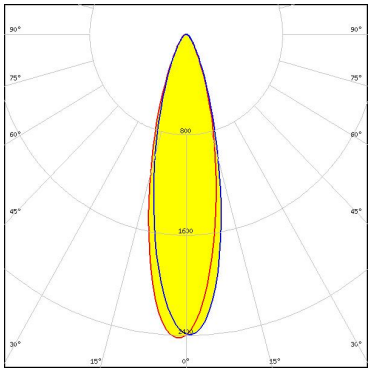
CREE LED

LED	XP-G
FWHM / FWTM	28.0° / 58.0°
Efficiency	91 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



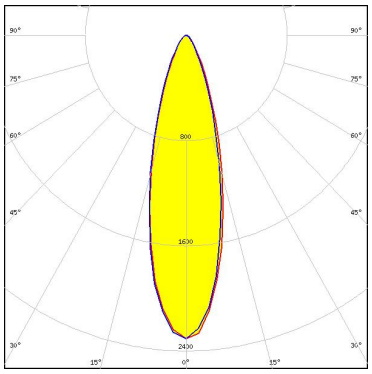
NICHIA

LED	NCSxx19A
FWHM / FWTM	27.0° / 57.0°
Efficiency	86 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxx19A
FWHM / FWTM	30.0° / 62.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



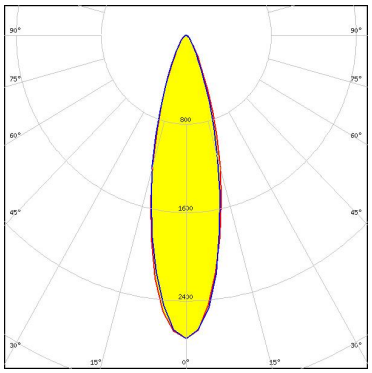
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PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	28.0° / 56.0°
Efficiency	90 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



SEOUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	28.0°
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:

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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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