

SANDRA-12-M

~30° medium beam

TECHNICAL SPECIFICATIONS:

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

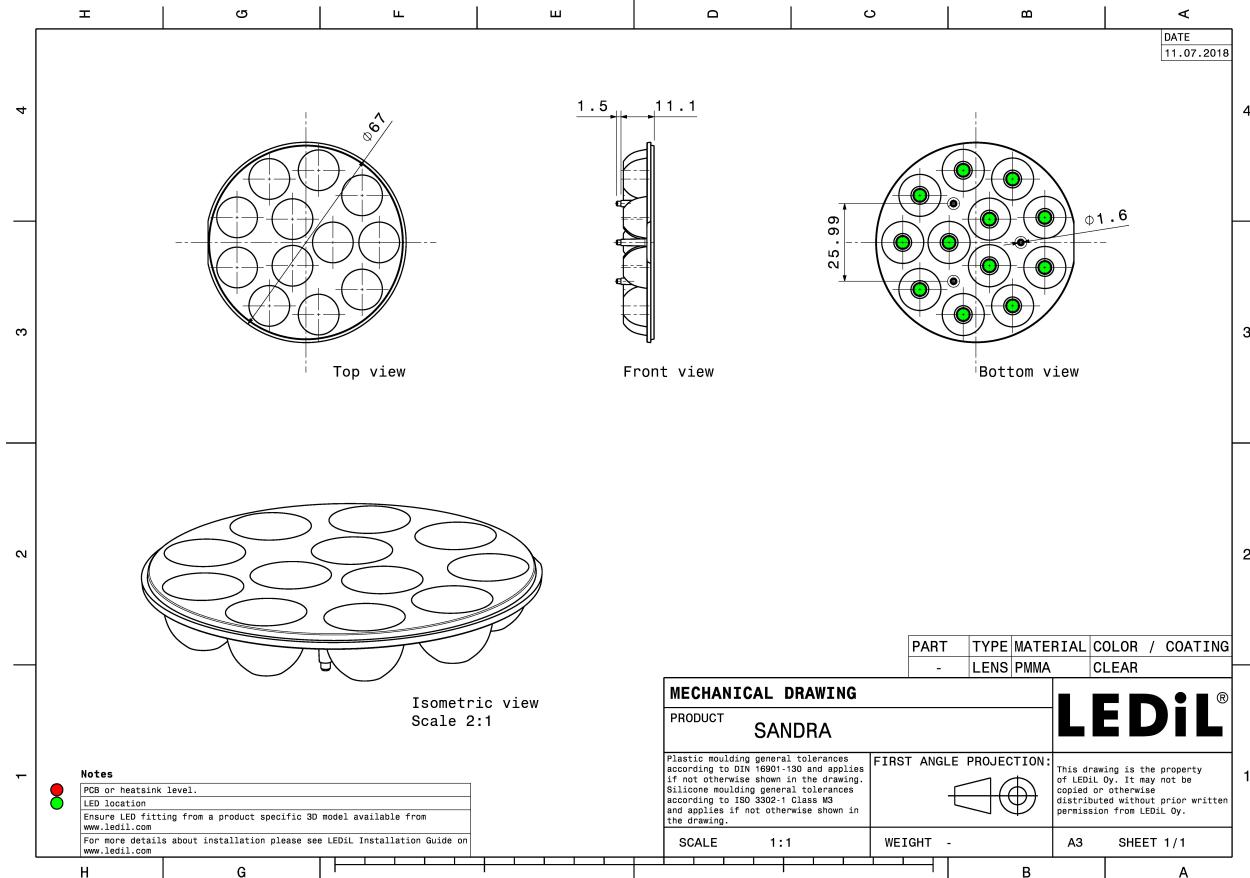
MATERIAL SPECIFICATIONS:

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

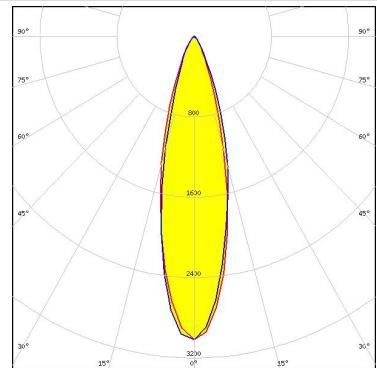




PHOTOMETRIC DATA (MEASURED):

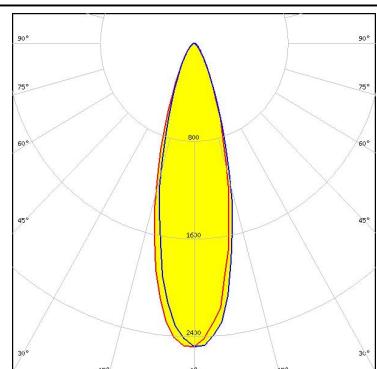
CREE

LED XP-E
FWHM 26.0°
Efficiency 83 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



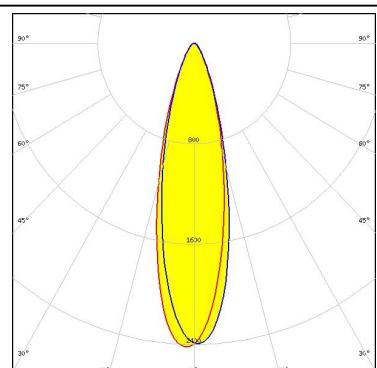
CREE

LED XP-G
FWHM 28.0°
Efficiency 91 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



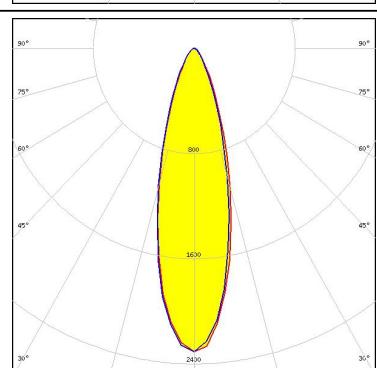
NICHIA

LED NCSxx19A
FWHM 27.0°
Efficiency 86 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NVSxx19A
FWHM 30.0°
Efficiency 86 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON SSL 80

FWHM 28.0°

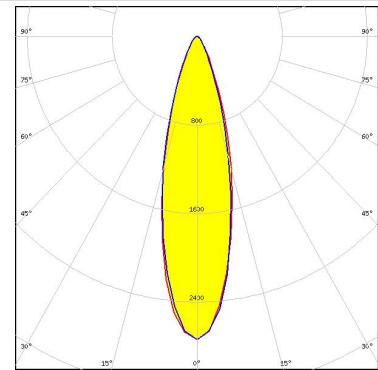
Efficiency 90 %

Peak intensity 2.700 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SEOUL

SEOUL SEMICONDUCTOR

LED Z5

FWHM 28.0°

Efficiency %

Peak intensity 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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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