

PRODUCT DATASHEET C14250_SANDRA-12-O

SANDRA-12-O

~40° + 20° oval beam

SPECIFICATION:

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



MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
SANDRA-12-O	Multi-lens	PMMA	clear		

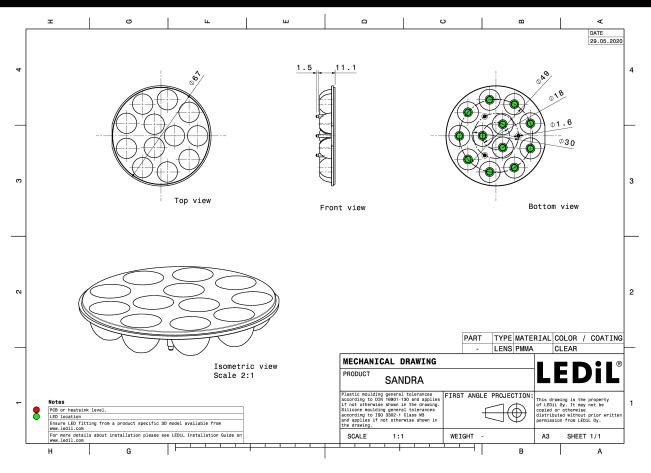
ORDERING INFORMATION:

Component				
C14250_SANDRA-12-O				
» Box size: 480 x 280 x 300 mm				

Qty in box	MOQ	MPQ	Box weight (kg)
306		18	7.4



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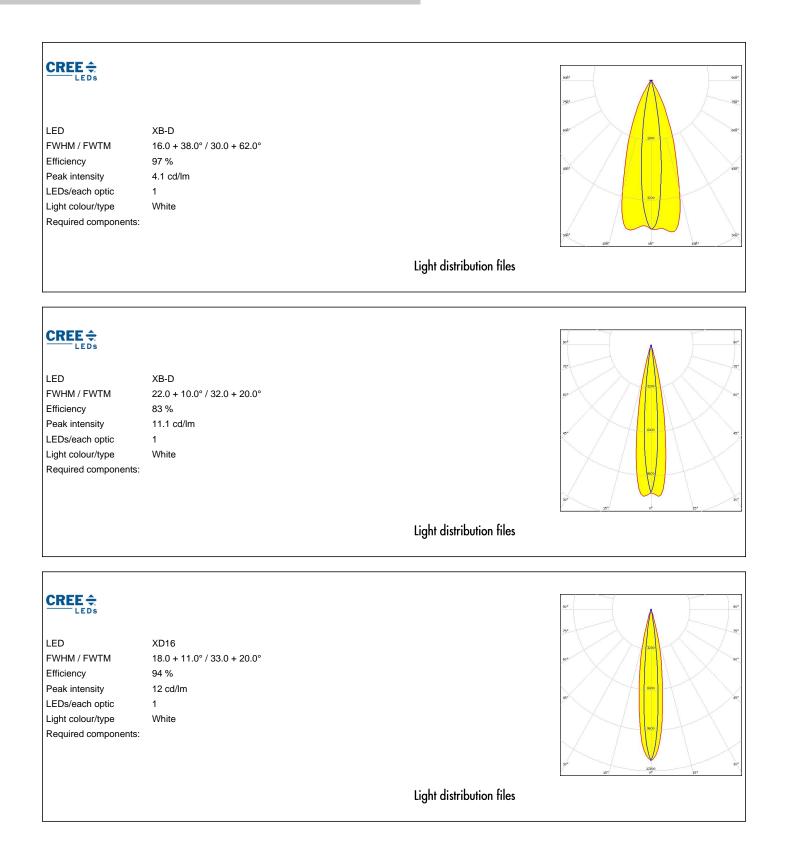
See also our general installation guide: <u>www.ledil.com/installation_guide</u>



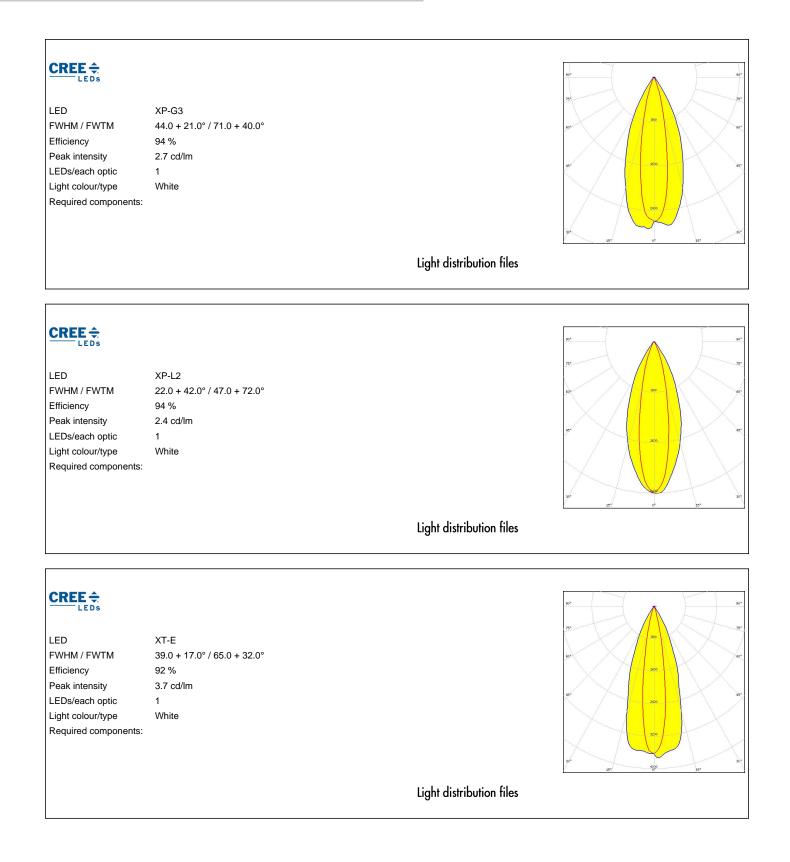
OPTICAL RESULTS (MEASURED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	XP-E2 40.0 + 15.0° 91 % 3.4 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50 50 50 50 5
Required compone	ents:	Light distribution files
CREECS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	XP-G2 42.0 + 19.0° / 41.0 + 70.0° 90 % 2.8 cd/lm 1 White ents:	
·		36





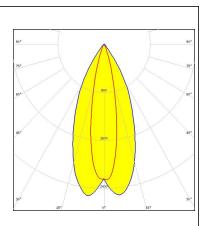






UMILEDS

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: LUXEON HL2X 22.0 + 46.0° / 40.0 + 74.0° 95 % 2.5 cd/lm 1 White



Light distribution files

LUMILEDS I FD LUXEON HL2X-P FWHM / FWTM 65.0 + 75.0° / 159.0 + 166.0° Efficiency 86 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto S OSLON SSL 150 LED FWHM / FWTM Asymmetric Efficiency 98 % Peak intensity 5.2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



SAMSUNG I FD LH351C FWHM / FWTM 20.0 + 46.0° / 39.0 + 71.0° Efficiency 96 % Peak intensity 2.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SEOUL SEOUL SEMICONDUCTOR LED 75M4 22.0 + 42.0° / 40.0 + 66.0° FWHM / FWTM 95 % Efficiency Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SEOUL SEOUL SEMICONDUCTOR LED Z8Y19 FWHM / FWTM 18.0 + 40.0° / 34.0 + 60.0° Efficiency 93 % Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



SEOUL SEMICONDUCTOR			95 ⁴ 99 ⁴
LED	Z8Y22		
FWHM / FWTM	22.0 + 40.0° / 39.0 + 64.0°		60° 60°
Efficiency	93 %		
Peak intensity	2.9 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components	:		200
		Light distribution files	

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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:

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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LEDiL Oy

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