

SANDRA-12-O

~40° + 20° oval beam

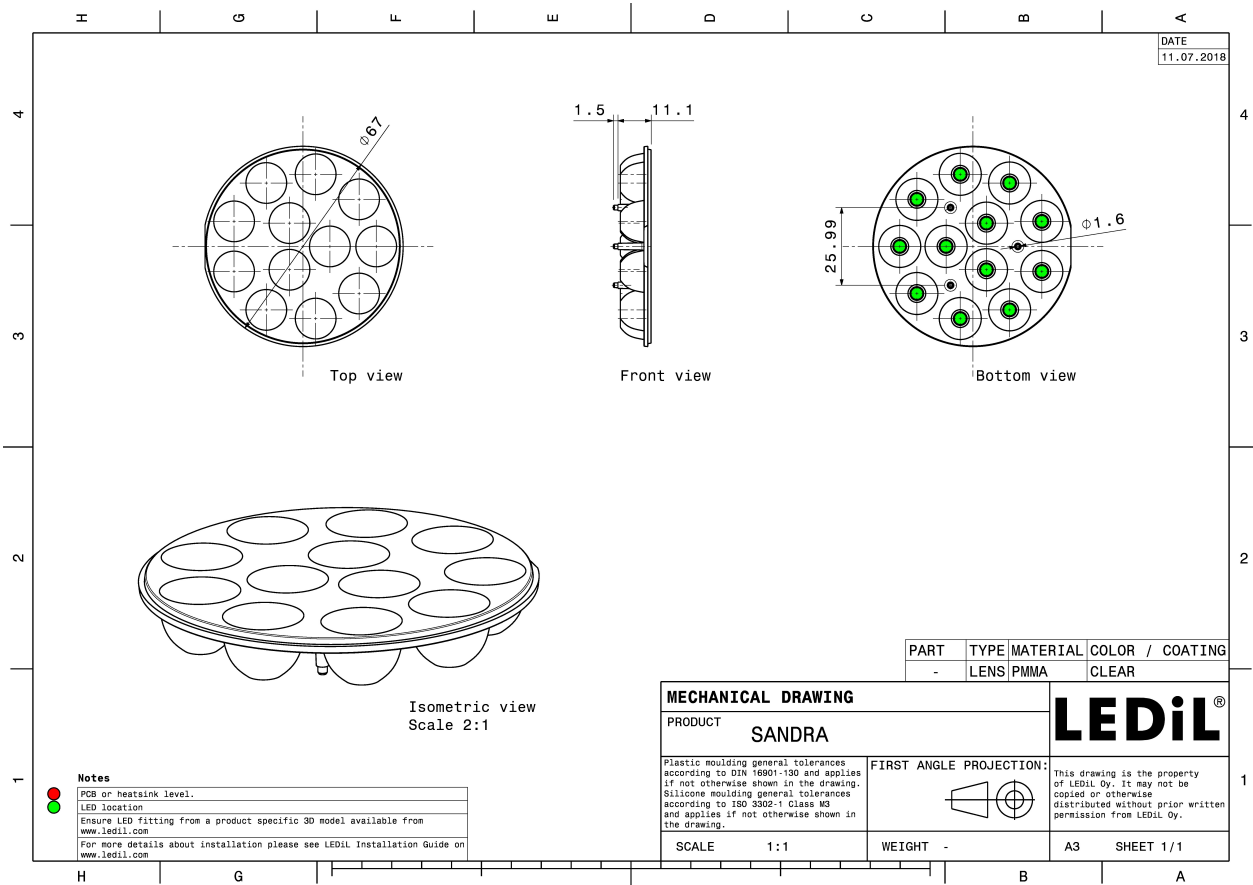
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 67.0 mm
Height	11.1 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.4 kg
Quantity in Box	306 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

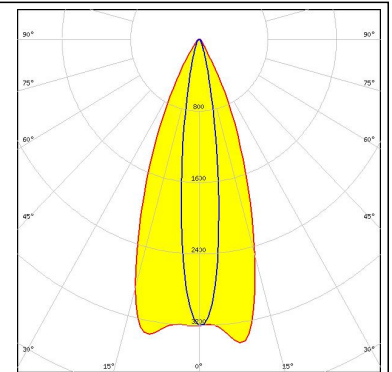
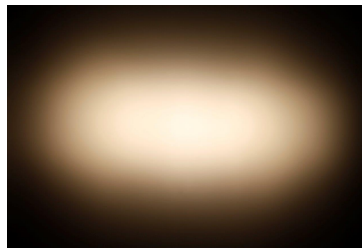
Component	Type	Material	Colour
SANDRA-12-O	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

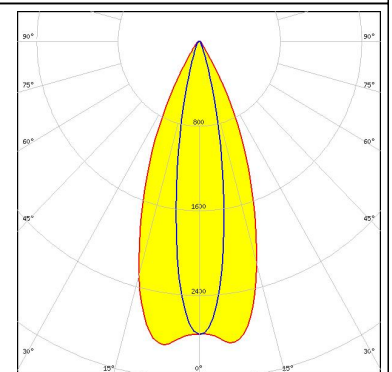
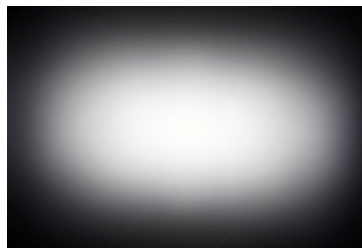
CREE 

LED XP-E2
FWHM 40.0 + 15.0°
Efficiency 91 %
Peak intensity 3.400 cd/lm
Required components:



CREE 

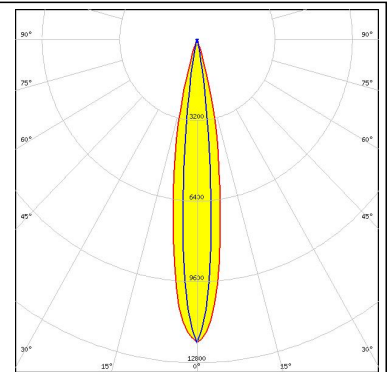
LED XP-G2
FWHM 42.0 + 19.0°
Efficiency 90 %
Peak intensity 2.800 cd/lm
Required components:



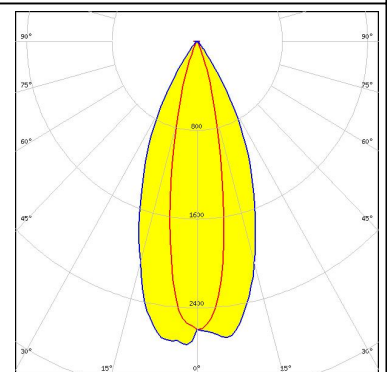
PHOTOMETRIC DATA (SIMULATED):



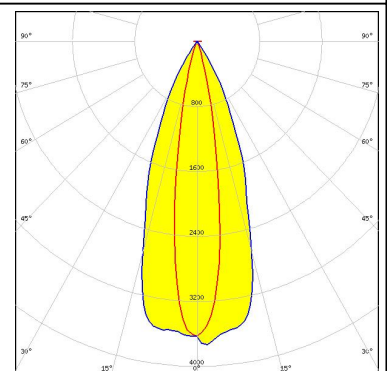
LED XD16
FWHM 18.0 + 11.0°
Efficiency 94 %
Peak intensity 12.000 cd/lm
Required components:



LED XP-G3
FWHM 44.0 + 21.0°
Efficiency 94 %
Peak intensity 2.700 cd/lm
Required components:



LED XT-E
FWHM 39.0 + 17.0°
Efficiency 92 %
Peak intensity 3.700 cd/lm
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:

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