

## SANDRA-12-M

~30° medium beam

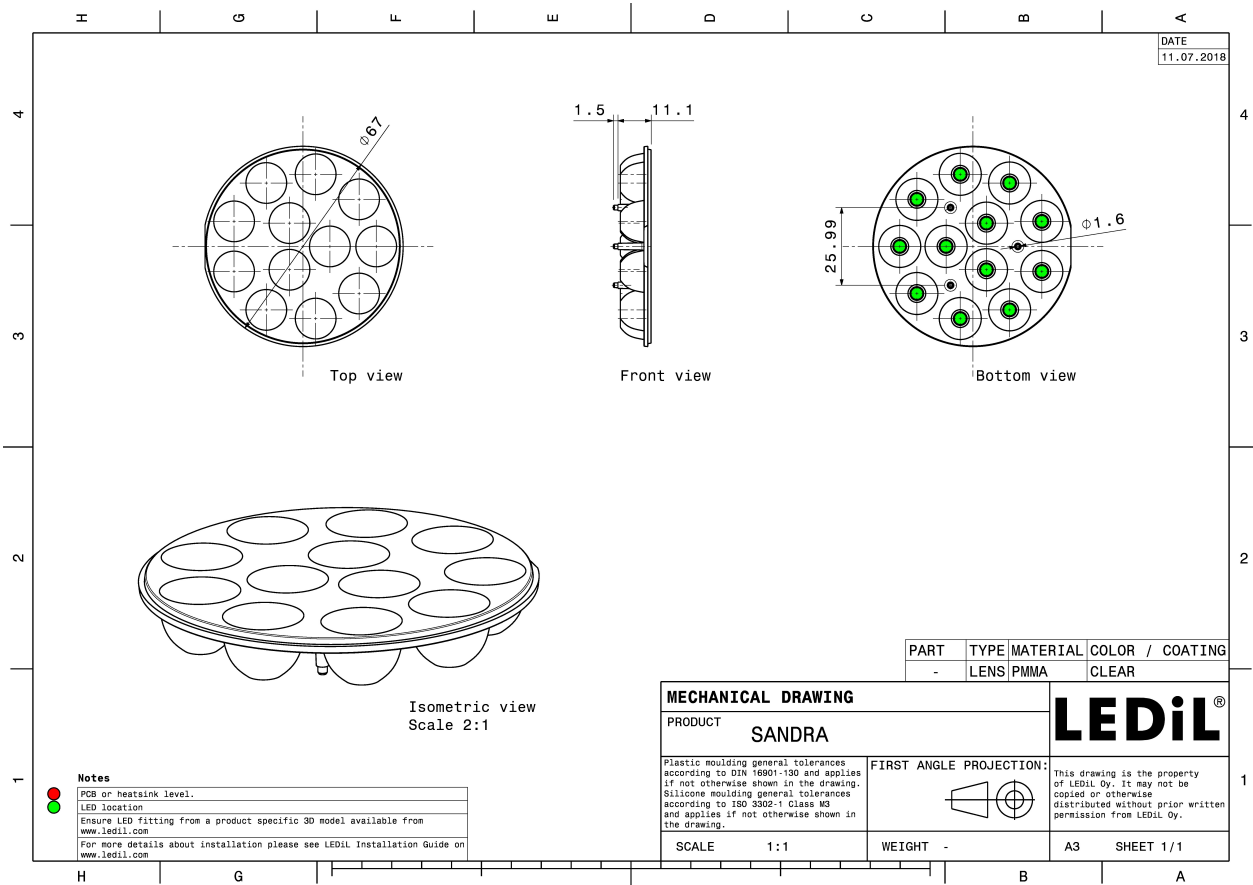
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 67.0 mm
Height	11.1 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.8 kg
Quantity in Box	306 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

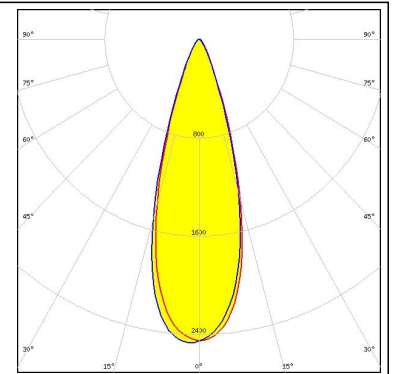
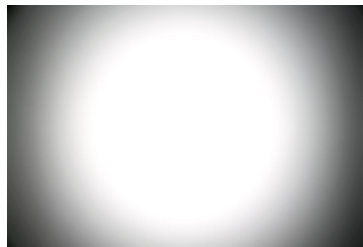
Component	Type	Material	Colour
SANDRA-12-M	Lens array	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

**CREE** 

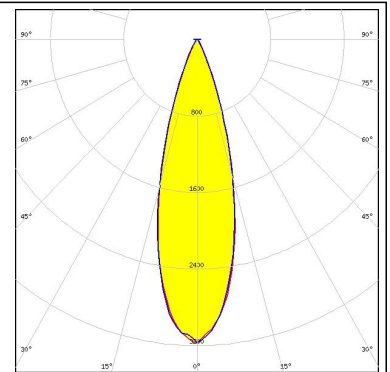
LED XP-G2  
FWHM 32.0°  
Efficiency 91 %  
Peak intensity 2.450 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

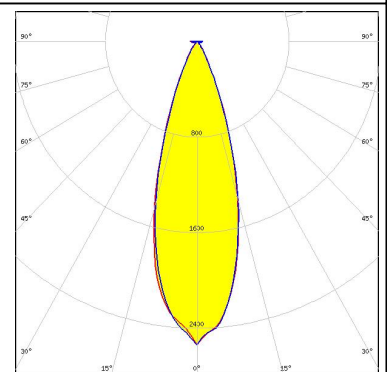
**CREE** 

LED XD16  
FWHM 29.0°  
Efficiency 94 %  
Peak intensity 3.190 cd/lm  
Required components:



**CREE** 

LED XP-G3  
FWHM 32.0°  
Efficiency 94 %  
Peak intensity 2.500 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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