

## STRADILLA-IP-28-HB-W-PC

~90° wide beam. Variant made from PC.

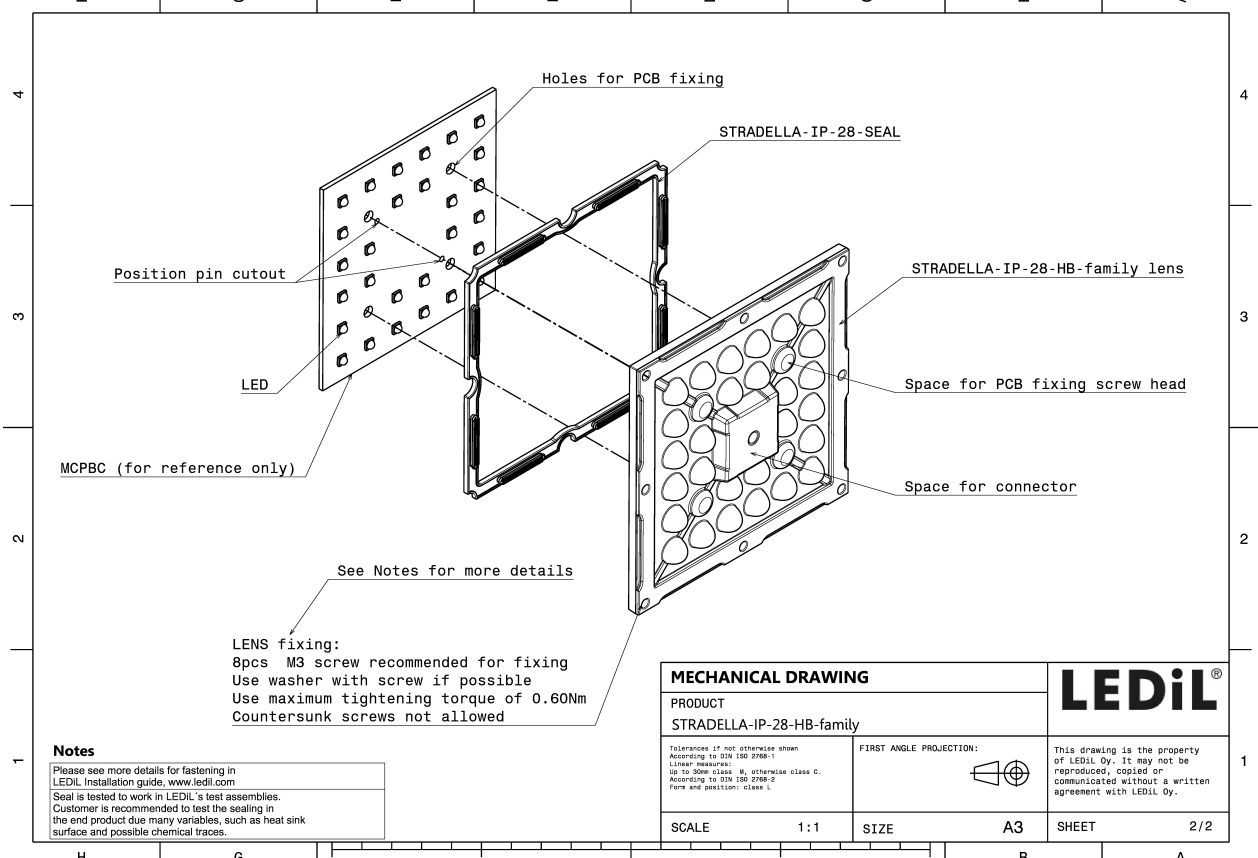
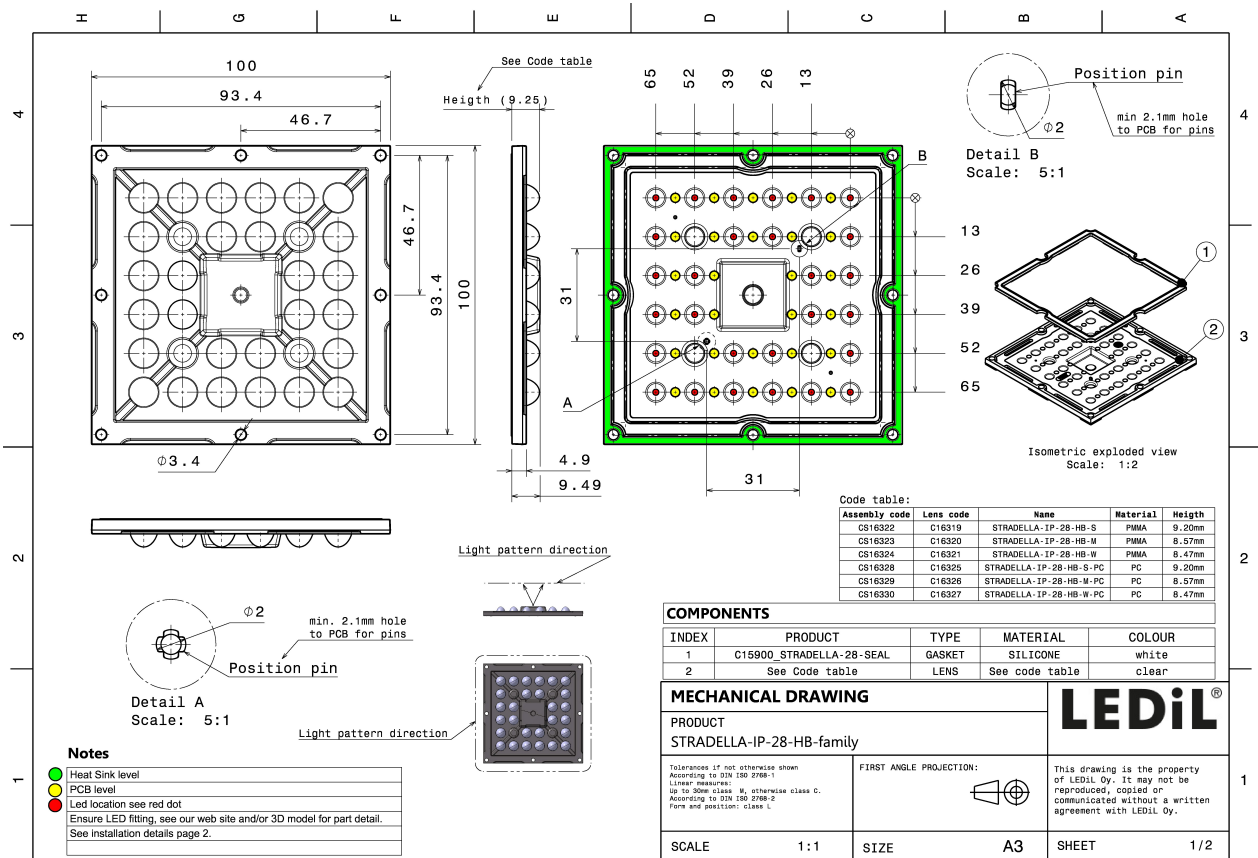
### TECHNICAL SPECIFICATIONS:

Dimensions	100 x 100 mm
Height	9.5 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	5.9 kg
Quantity in Box	156 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

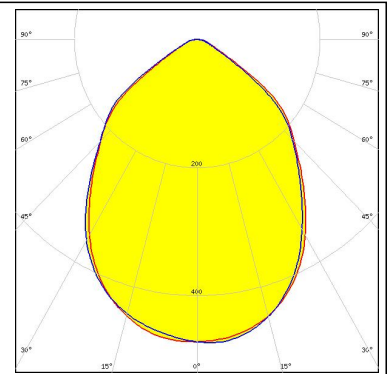
Component	Type	Material	Colour
STRADILLA-IP-28-HB-W-PC	Lens array	PC	clear
STRADILLA-28-SEAL	Seal	Silicone	white



#### PHOTOMETRIC DATA (MEASURED):

**CREE** 

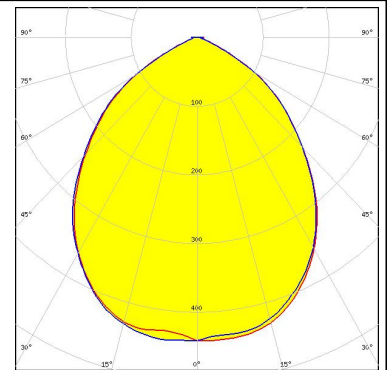
LED XT-E  
FWHM 86.0°  
Efficiency 92 %  
Peak intensity 0.470 cd/lm  
Required components:



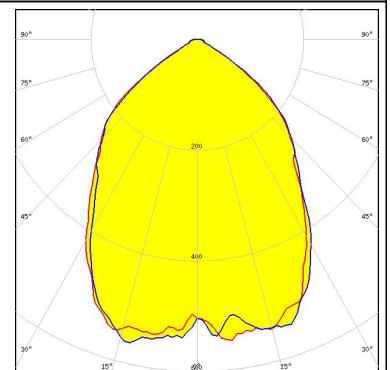
#### PHOTOMETRIC DATA (SIMULATED):



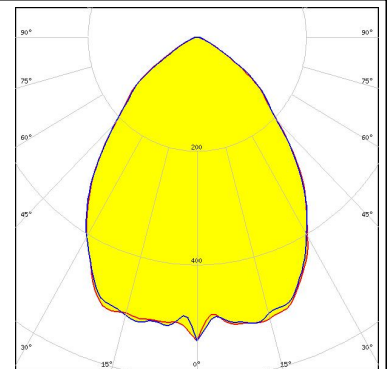
LED XP-G3  
FWHM 92.0°  
Efficiency 93 %  
Peak intensity 0.450 cd/lm  
Required components:



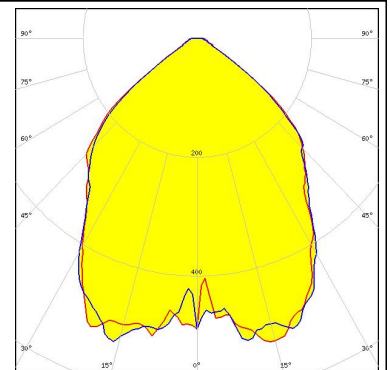
LED LUXEON 3030 2D (Round LES)  
FWHM 76.0°  
Efficiency 89 %  
Peak intensity 0.558 cd/lm  
Required components:



LED NF2x757G  
FWHM 82.0°  
Efficiency 94 %  
Peak intensity 0.530 cd/lm  
Required components:



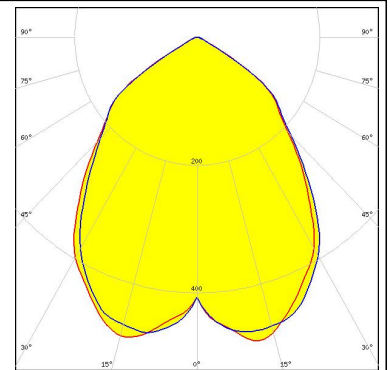
LED NVSxE21A  
FWHM 83.0°  
Efficiency 89 %  
Peak intensity 0.531 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

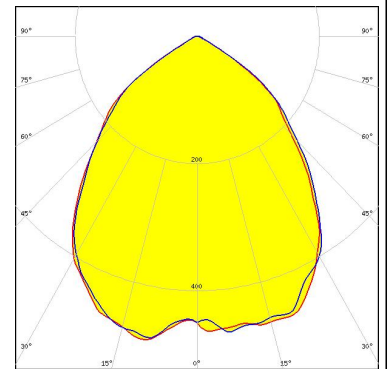
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 84.0°  
Efficiency 92 %  
Peak intensity 0.490 cd/lm  
Required components:



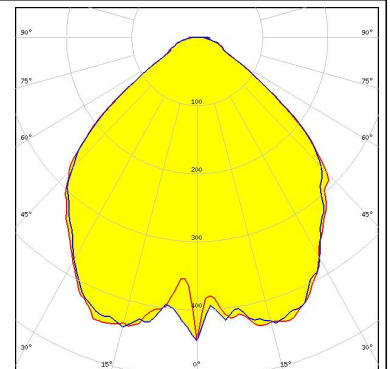
**SEOL**  
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 88.0°  
Efficiency 92 %  
Peak intensity 0.490 cd/lm  
Required components:



**SEOL**  
SEOUL SEMICONDUCTOR

LED Z8Y22  
FWHM 95.0°  
Efficiency 89 %  
Peak intensity 0.456 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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