

## HB-IP-2X6-G2-WWW

~90° wide beam

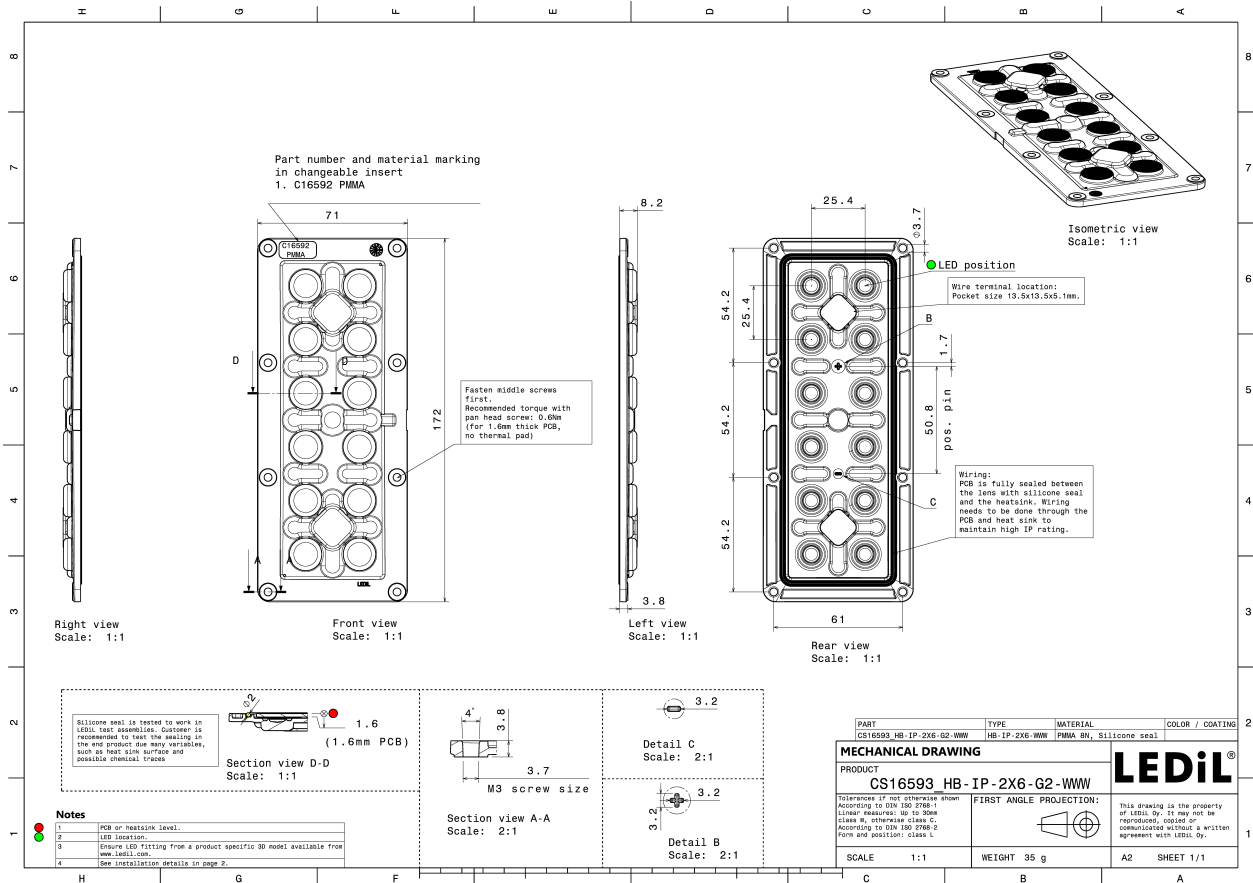
### TECHNICAL SPECIFICATIONS:

Dimensions	172.0 x 71.0 mm
Height	8.2 mm
Fastening	pin, screw
Colour	
Box size	476 x 273 x 247 mm
Box weight	5.8 kg
Quantity in Box	132 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HB-IP-2X6-G2-WWW	Lens array	PMMA	clear
SEAL-IP-2X6-G2	Seal	Silicone	



#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

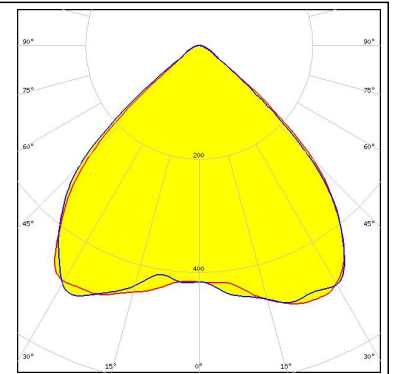
LED RLE G2 HP 2x6 3000lm

FWHM 95.0°

Efficiency 94 %

Peak intensity 0.500 cd/lm

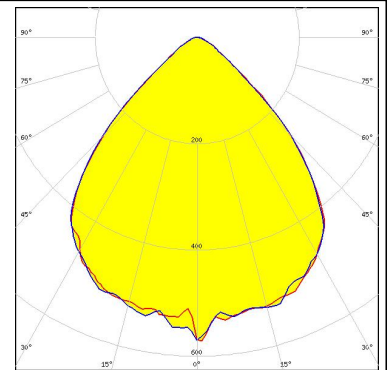
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

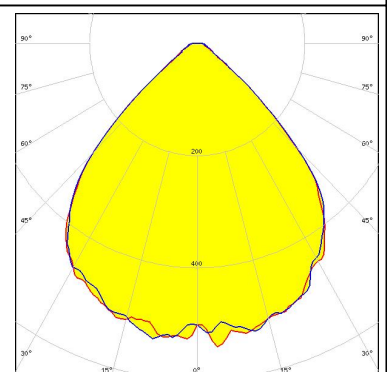
bridgelux

LED SMD 5050  
FWHM 87.4°  
Efficiency 96 %  
Peak intensity 0.578 cd/lm  
Required components:



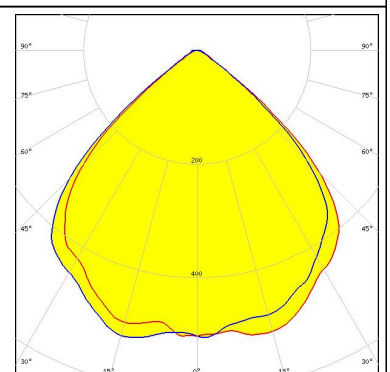
**CREE** ⇄

LED MHB-A/B  
FWHM 89.2°  
Efficiency 96 %  
Peak intensity 0.552 cd/lm  
Required components:



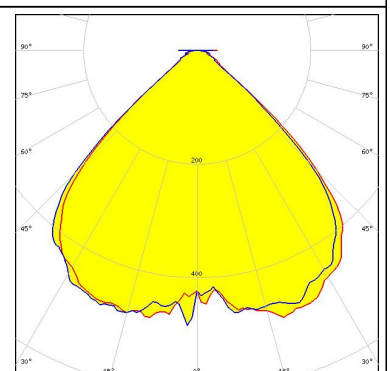
**CREE** ⇄

LED XP-G2  
FWHM 93.0°  
Efficiency 94 %  
Peak intensity 0.520 cd/lm  
Required components:



**CREE** ⇄

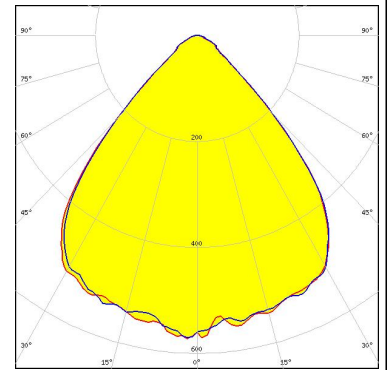
LED XP-G3  
FWHM 92.8°  
Efficiency 95 %  
Peak intensity 0.504 cd/lm  
Required components:



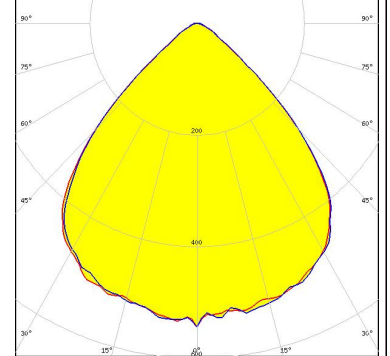
#### PHOTOMETRIC DATA (SIMULATED):



LED LUXEON 5050  
FWHM 85.2°  
Efficiency 96 %  
Peak intensity 0.587 cd/lm  
Required components:

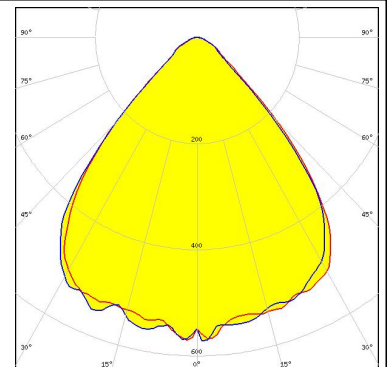


LED NFMW48xA  
FWHM 88.8°  
Efficiency 96 %  
Peak intensity 0.562 cd/lm  
Required components:



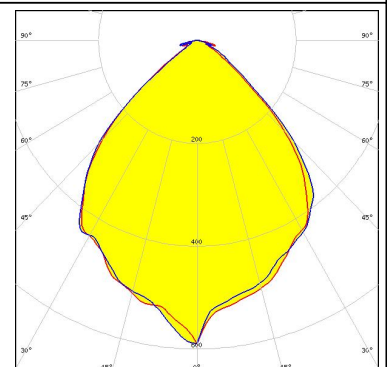
Opto Semiconductors

LED Duris S8  
FWHM 84.6°  
Efficiency 96 %  
Peak intensity 0.591 cd/lm  
Required components:



Opto Semiconductors

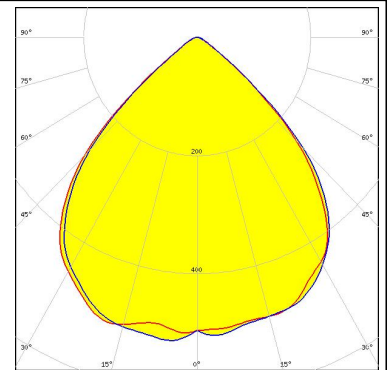
LED OSCONIQ P 3737 (2W version)  
FWHM 87.0°  
Efficiency 94 %  
Peak intensity 0.590 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

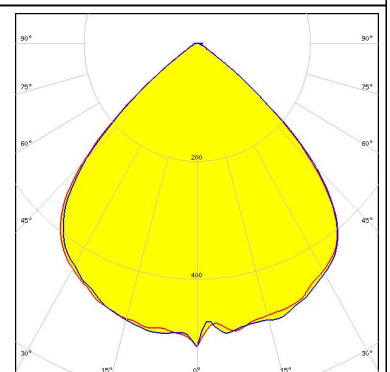
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 90.0°  
Efficiency 94 %  
Peak intensity 0.520 cd/lm  
Required components:



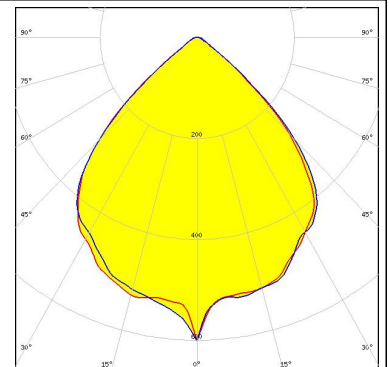
**SAMSUNG**

LED LH351B  
FWHM 93.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
Required components:



**SEOL**  
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 88.0°  
Efficiency 94 %  
Peak intensity 0.600 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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