

HB-IP-2X6-G2-WWW

~90° wide beam

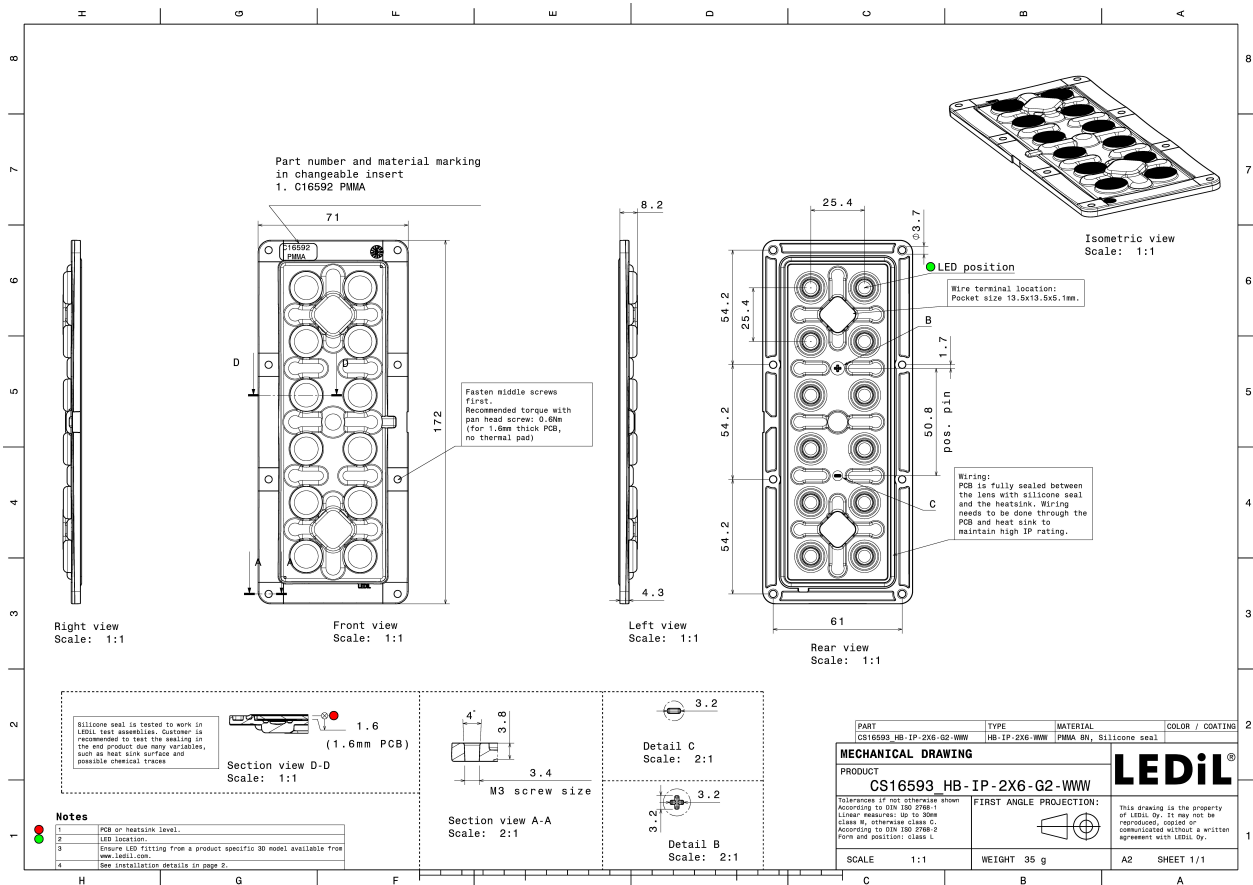
TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

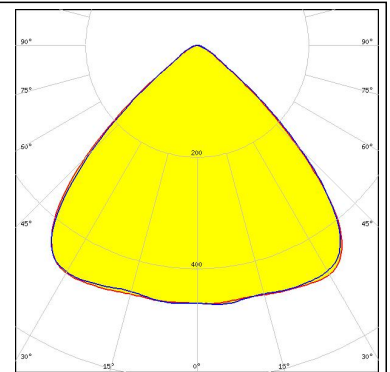
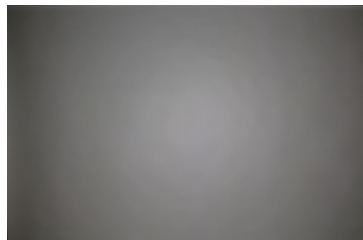
Component	Type	Material	Colour
HB-IP-2X6-G2-WWW	Multi-lens	PMMA	clear
SEAL-IP-2X6-G2	Seal	Silicone	white



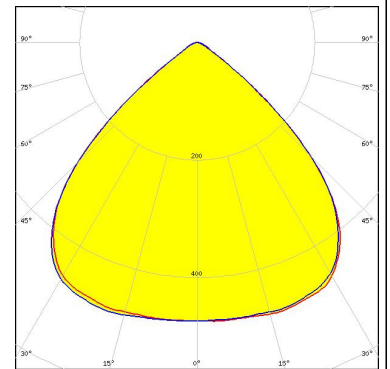
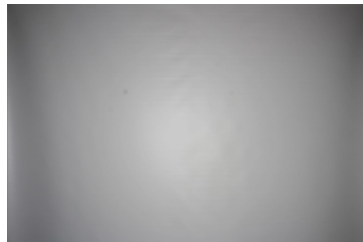
PHOTOMETRIC DATA (MEASURED):



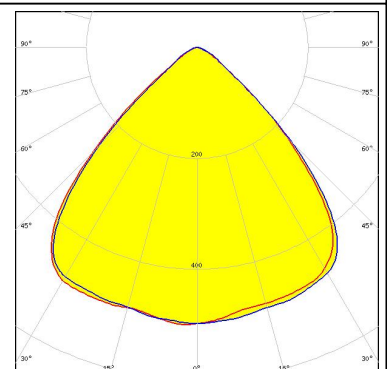
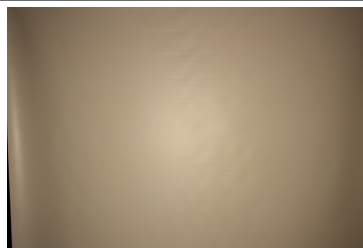
LED LUXEON 5050
 FWHM 92.0°
 Efficiency 97 %
 Peak intensity 0.476 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



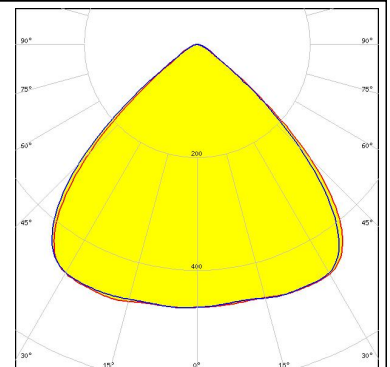
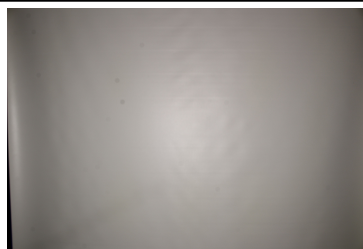
LED OLP-5065F6L-06A
 FWHM 93.5°
 Efficiency 97 %
 Peak intensity 0.483 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S8
 FWHM 90.0°
 Efficiency 94 %
 Peak intensity 0.501 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



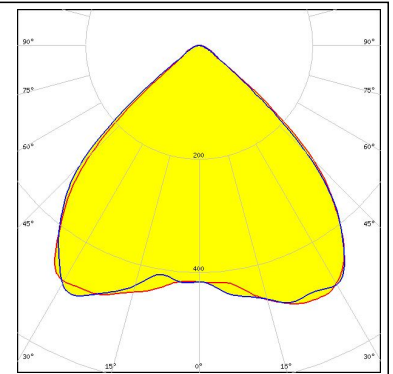
LED 2x6 5050 module - SMJD-3625012F-XX
 FWHM 93.0°
 Efficiency 94 %
 Peak intensity 0.480 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



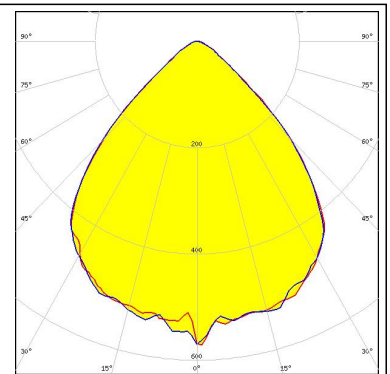
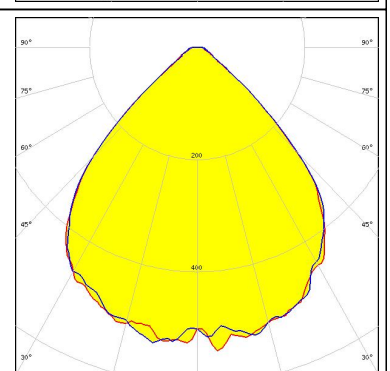
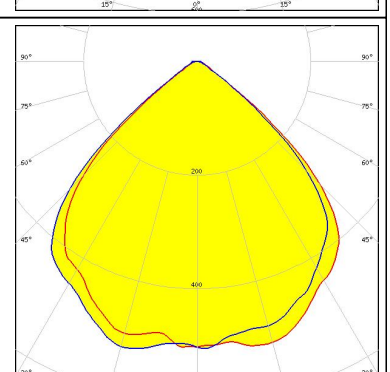
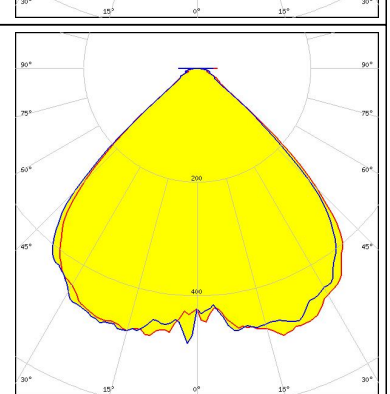
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE 2x6 3000lm HP EXC2 OTD
FWHM 95.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



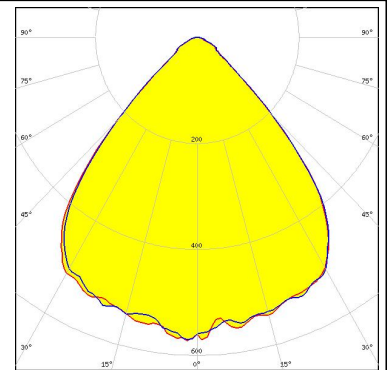
PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 87.4° Efficiency 96 % Peak intensity 0.578 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE</p> <p>LED MHB-A/B FWHM 89.2° Efficiency 96 % Peak intensity 0.552 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE</p> <p>LED XP-G2 FWHM 93.0° Efficiency 94 % Peak intensity 0.520 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE</p> <p>LED XP-G3 FWHM 92.8° Efficiency 95 % Peak intensity 0.504 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

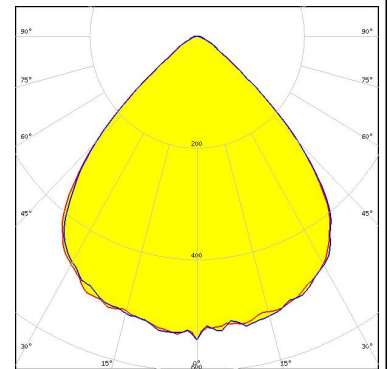
PHOTOMETRIC DATA (SIMULATED):



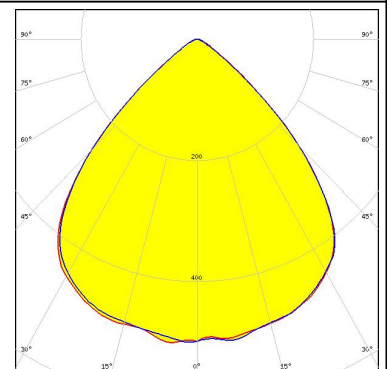
LED LUXEON 5050
FWHM 85.2°
Efficiency 96 %
Peak intensity 0.587 cd/lm
LEDs/each optic 1
Light colour White
Required components:



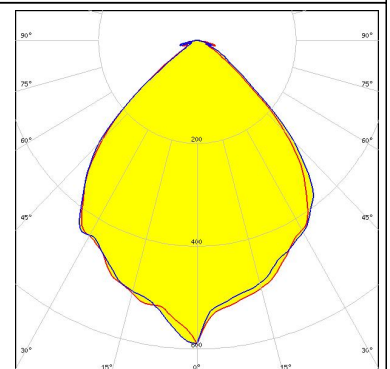
LED NFMW48xA
FWHM 88.8°
Efficiency 96 %
Peak intensity 0.562 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S8
FWHM 90.0°
Efficiency 94 %
Peak intensity 0.510 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 (2W version)
FWHM 87.0°
Efficiency 94 %
Peak intensity 0.590 cd/lm
LEDs/each optic 1
Light colour White
Required components:

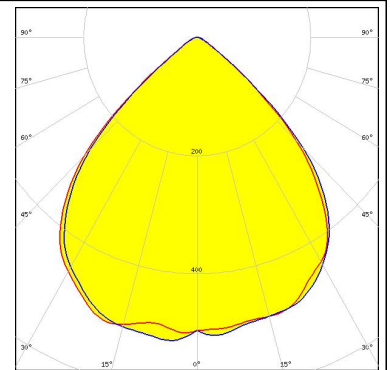


PHOTOMETRIC DATA (SIMULATED):

OSRAM

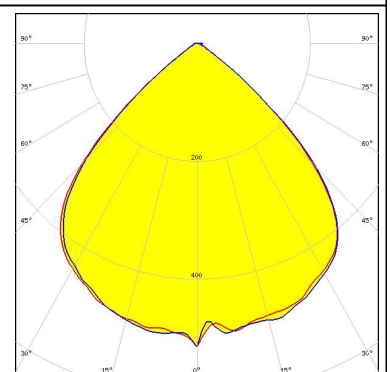
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM 90.0°
Efficiency 94 %
Peak intensity 0.520 cd/lm
LEDs/each optic 1
Light colour White
Required components:



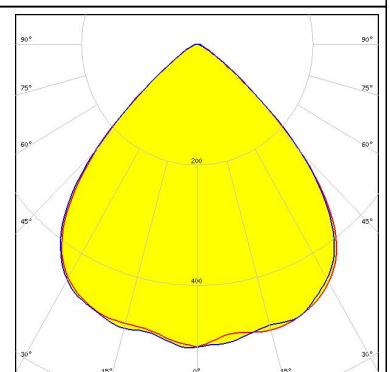
SAMSUNG

LED LH351B
FWHM 93.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



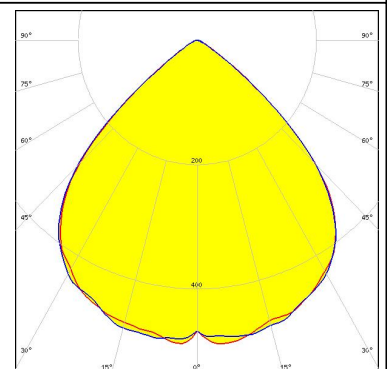
SAMSUNG

LED LH508B
FWHM 90.0°
Efficiency 94 %
Peak intensity 0.510 cd/lm
LEDs/each optic 1
Light colour White
Required components:

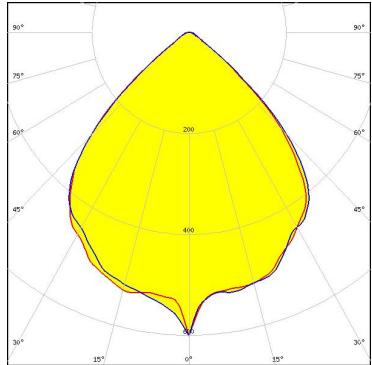


SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V
FWHM 94.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM 88.0° Efficiency 94 % Peak intensity 0.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22T FWHM 89.0° Efficiency 94 % Peak intensity 0.520 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

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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