

## STRADA-IP-2X6-ME

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height

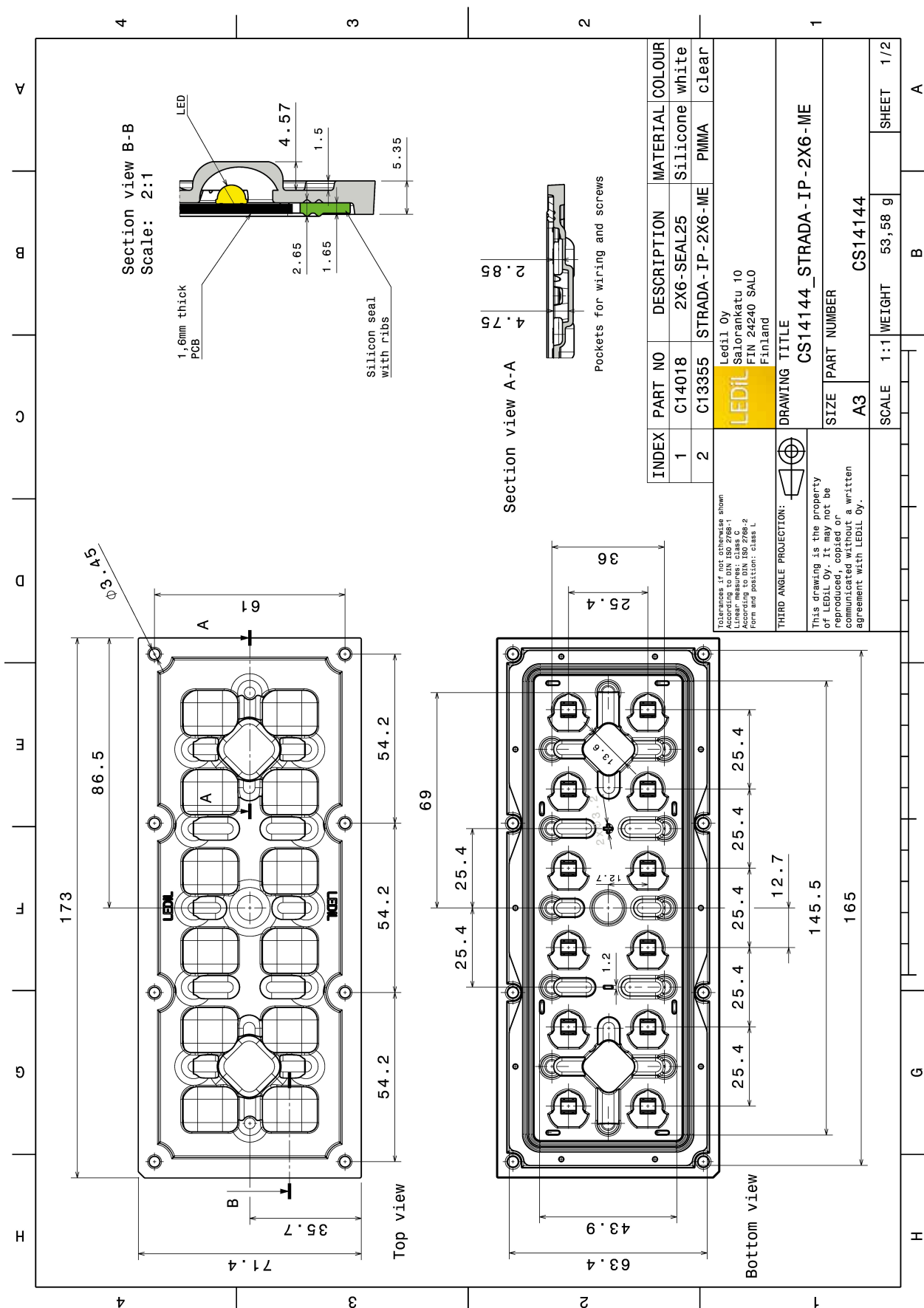
### TECHNICAL SPECIFICATIONS:

Dimensions	71.4x173 mm
Height	8.4 mm
Fastening	screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	7.3 kg
Quantity in Box	120 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

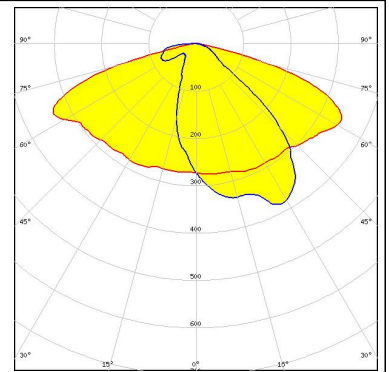
Component	Type	Material	Colour
STRADA-IP-2X6-ME	Lens array	PMMA	clear
2X6-SEAL25	Seal	Silicone	white



#### PHOTOMETRIC DATA (MEASURED):

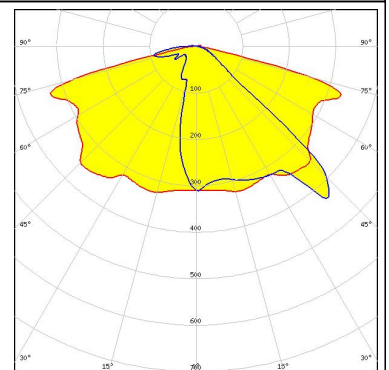
bridgelux

LED SMD 5050  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.560 cd/lm  
 Required components:



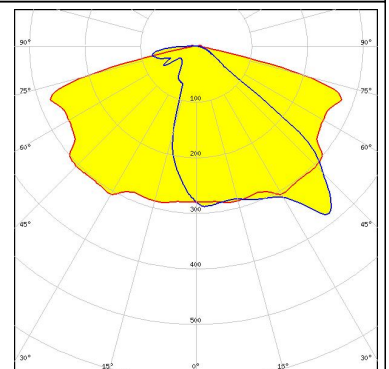
**CREE** ⇄

LED XP-G2  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.820 cd/lm  
 Required components:



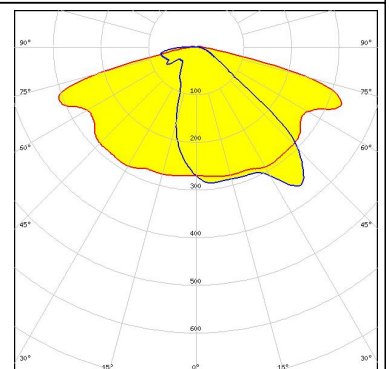
**CREE** ⇄

LED XP-L  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.620 cd/lm  
 Required components:



**CREE** ⇄

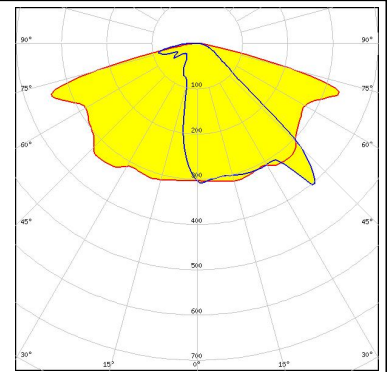
LED XP-L2  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.580 cd/lm  
 Required components:



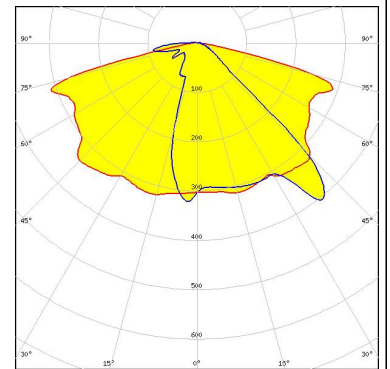
#### PHOTOMETRIC DATA (MEASURED):



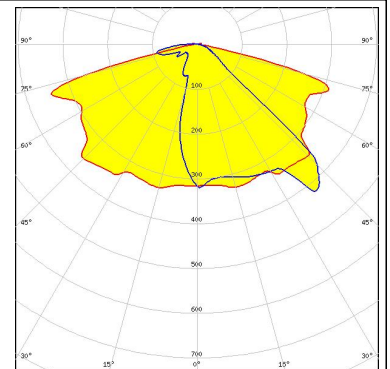
LED XT-E  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.823 cd/lm  
 Required components:



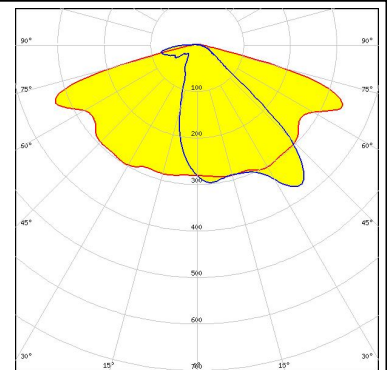
LED H35C1 (LEMWA33)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.670 cd/lm  
 Required components:



LED LUXEON T  
 FWHM Asymmetric  
 Efficiency 96 %  
 Peak intensity cd/lm  
 Required components:



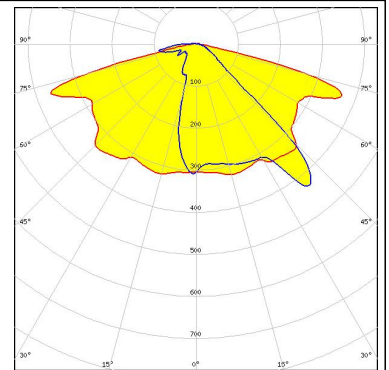
LED LUXEON V  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.620 cd/lm  
 Required components:



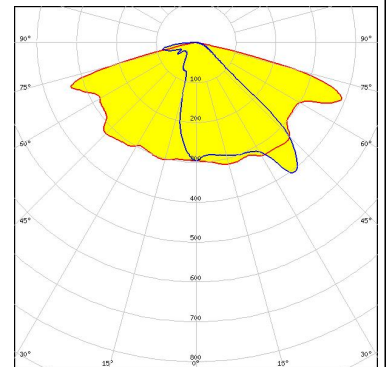
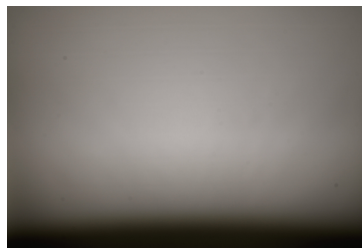
#### PHOTOMETRIC DATA (MEASURED):



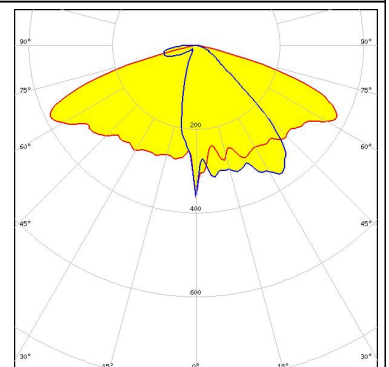
LED LUXEON XR-TX (L2T0-xxyy012M)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.850 cd/lm  
Required components:



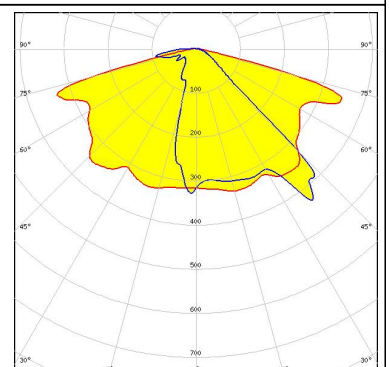
LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 96 %  
Peak intensity 0.800 cd/lm  
Required components:



LED Duris S8  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.570 cd/lm  
Required components:



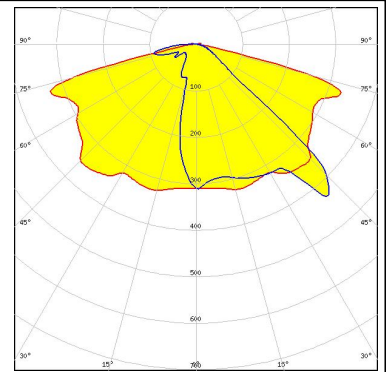
LED Oslon Square Gen3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.850 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

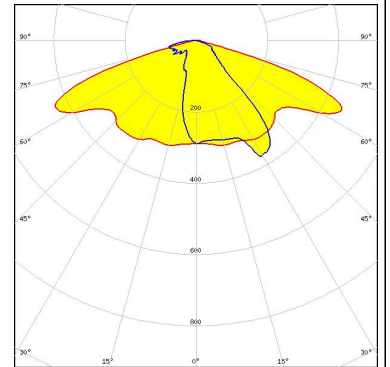
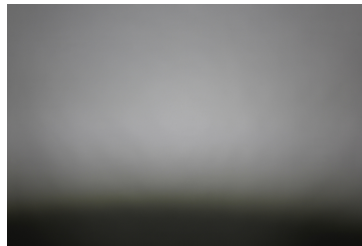
### PHILIPS

LED Fortimo FastFlex LED board 2x6 DP G4  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.820 cd/lm  
 Required components:



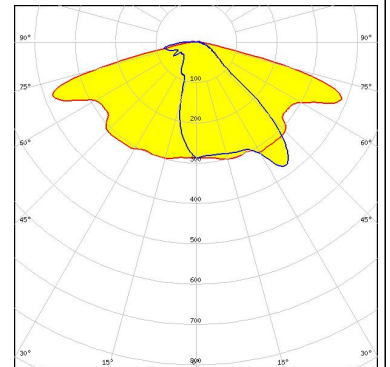
SEOUL SEMICONDUCTOR

LED SMJQ-D36W12Mx  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.790 cd/lm  
 Required components:



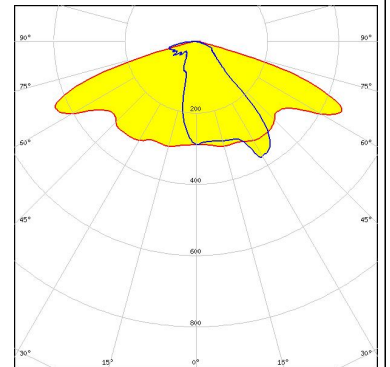
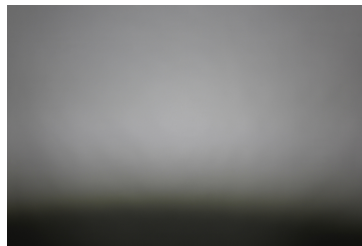
SEOUL SEMICONDUCTOR

LED SMJQ-D36W12Px  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.730 cd/lm  
 Required components:


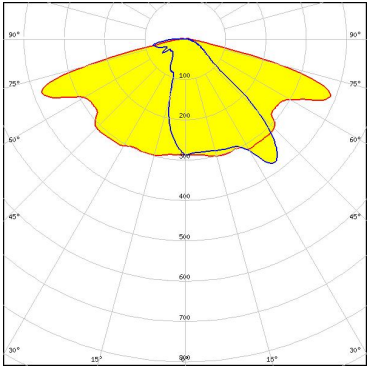

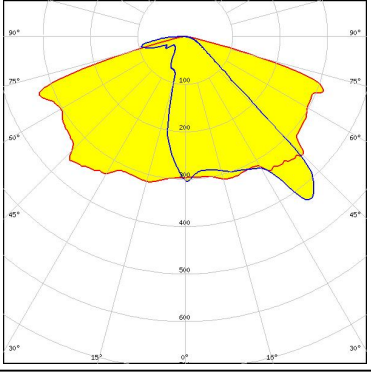

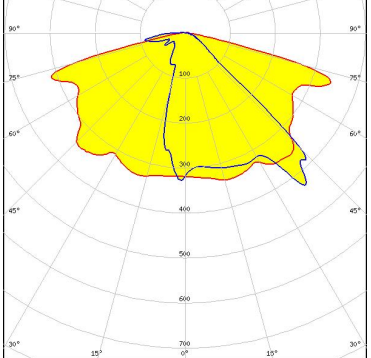


SEOUL SEMICONDUCTOR

LED Z8Y22  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.790 cd/lm  
 Required components:



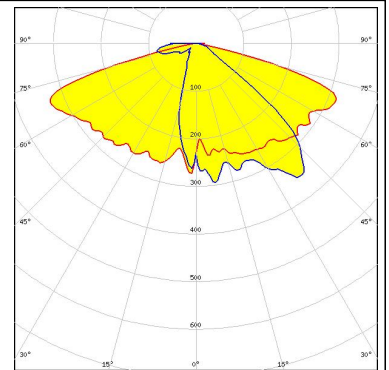
### PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM Asymmetric Efficiency 94 % Peak intensity 0.730 cd/lm Required components:</p>	
<p> Leading Innovation &gt;&gt;&gt;</p> <p>LED TL1L4 FWHM Asymmetric Efficiency 92 % Peak intensity 0.750 cd/lm Required components:</p>	
<p></p> <p>LED RLE G2 HP 2x6 3000lm FWHM Asymmetric Efficiency 94 % Peak intensity 0.840 cd/lm Required components:</p>	

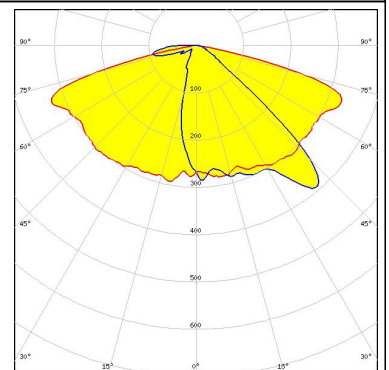
#### PHOTOMETRIC DATA (SIMULATED):



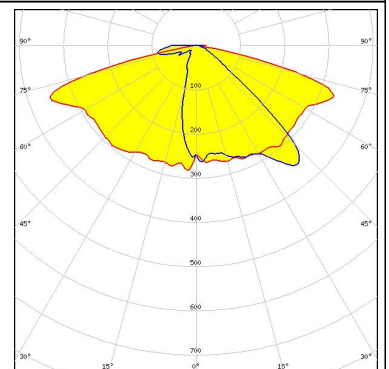
LED XHP35 HD  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.530 cd/lm  
 Required components:



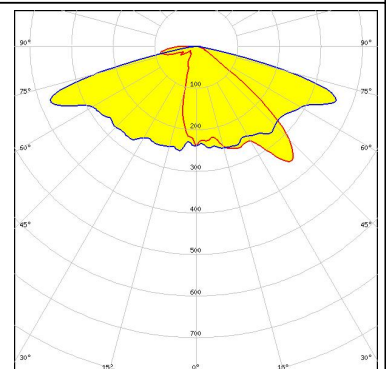
LED XHP35 HI  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.540 cd/lm  
 Required components:



LED XP-G3  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.550 cd/lm  
 Required components:



LED NVSW3x9A  
 FWHM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.580 cd/lm  
 Required components:

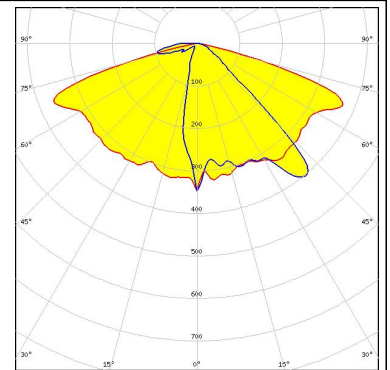




#### PHOTOMETRIC DATA (SIMULATED):

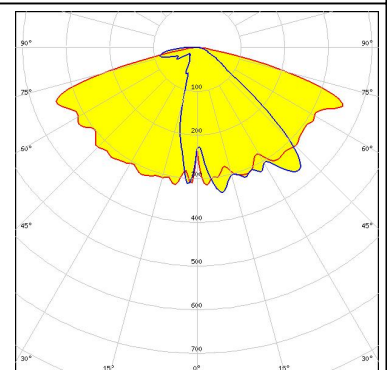
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.640 cd/lm  
Required components:



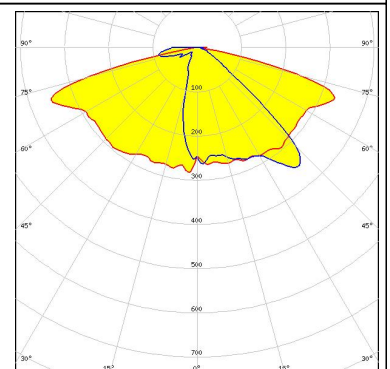
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.580 cd/lm  
Required components:



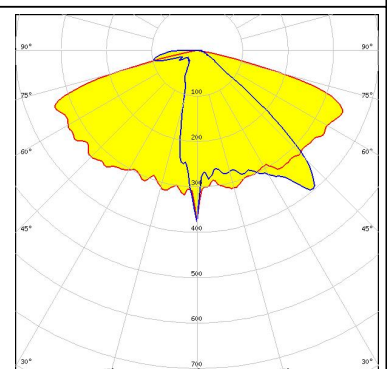
**PHILIPS**

LED Fortimo FastFlex LED board 2x6 DPX G4  
FWHM Asymmetric  
Efficiency 88 %  
Peak intensity 0.550 cd/lm  
Required components:



**SAMSUNG**

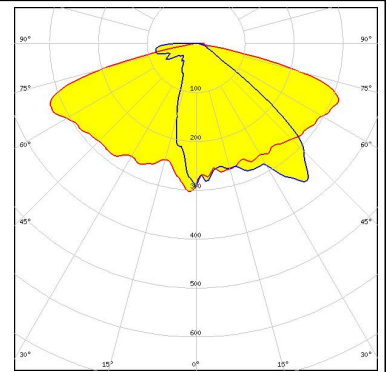
LED LH351B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.610 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

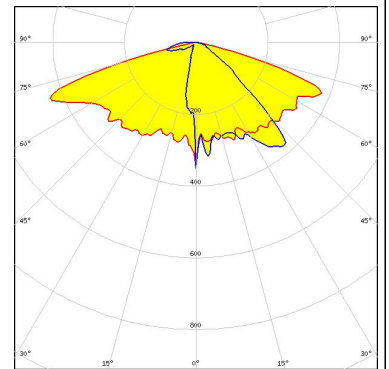
#### SAMSUNG

LED LH351D  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.500 cd/lm  
 Required components:



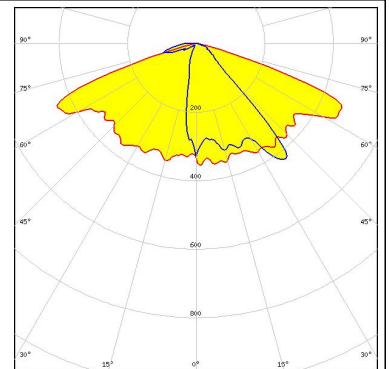
SEOUL SEMICONDUCTOR

LED Acrich MJT 4040  
 FWHM Asymmetric  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



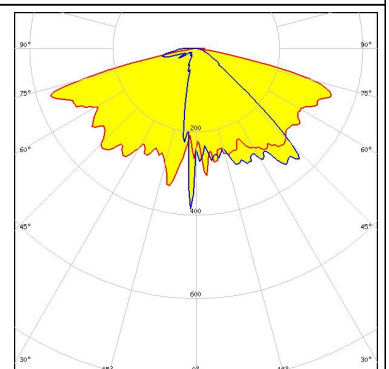
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.840 cd/lm  
 Required components:



Leading Innovation >>>

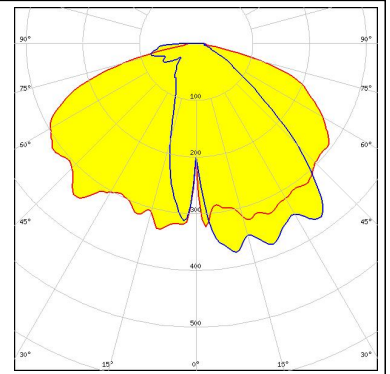
LED TL1L2  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity cd/lm  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

**TOSHIBA**  
Leading Innovation >>>

LED TL1L3  
FWHM Asymmetric  
Efficiency 95 %  
Peak intensity 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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#### Distribution Partners

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