

## STRADA-IP-2X6-VSM

IESNA Type V (square) beam for wide area lighting such as car parks

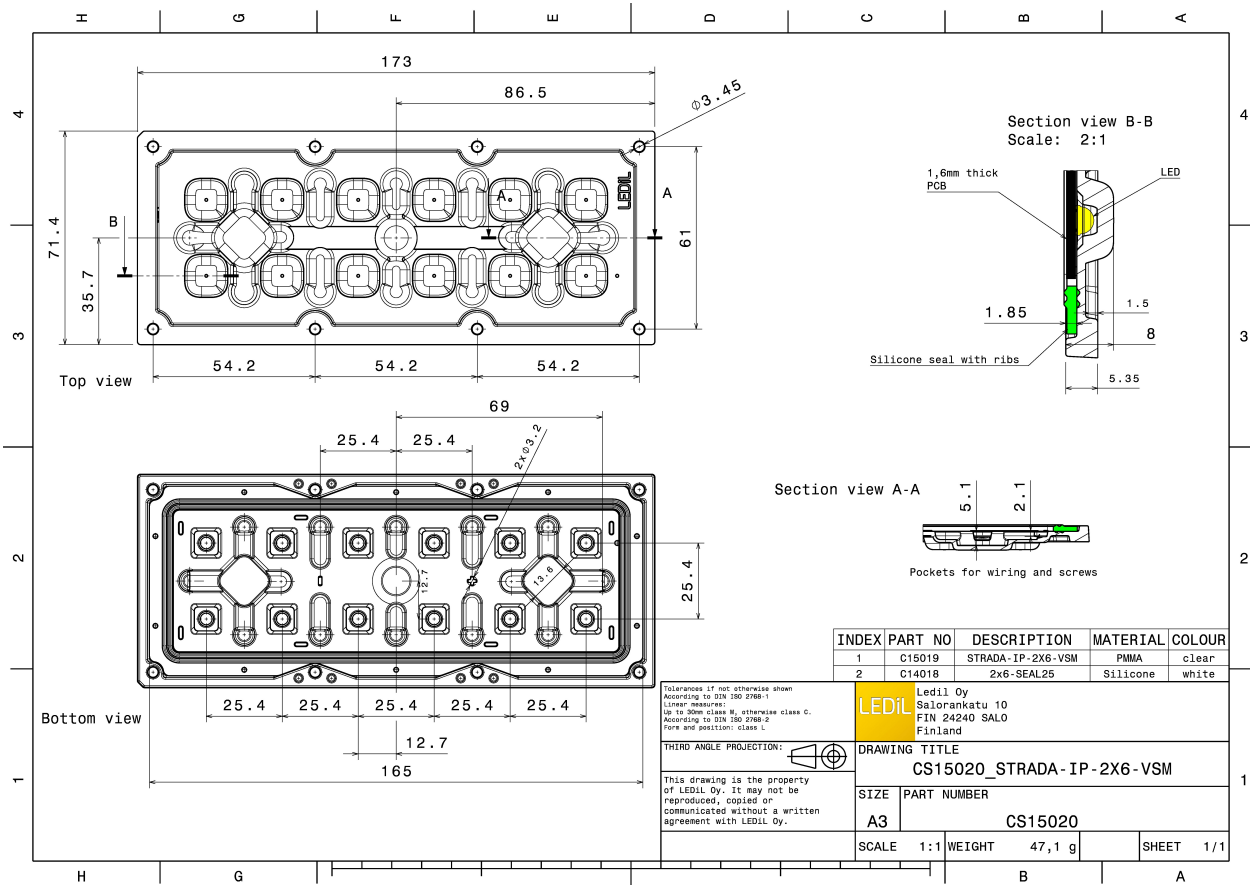
### TECHNICAL SPECIFICATIONS:

Dimensions	173.0 x 71.4 mm
Height	8 mm
Fastening	screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	6.6 kg
Quantity in Box	120 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

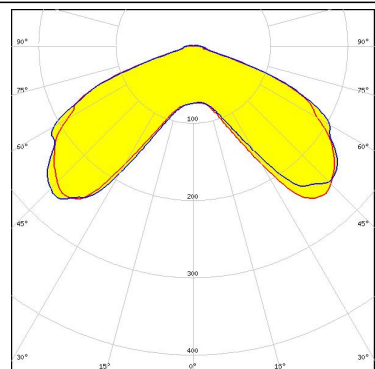
Component	Type	Material	Colour
STRADA-IP-2X6-VSM	Lens	PMMA	clear
2X6-SEAL25	Seal	Silicone	white



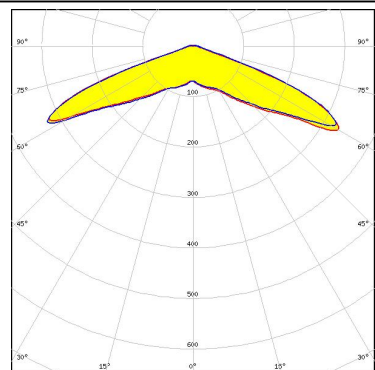
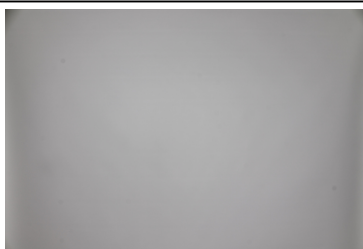
#### PHOTOMETRIC DATA (MEASURED):



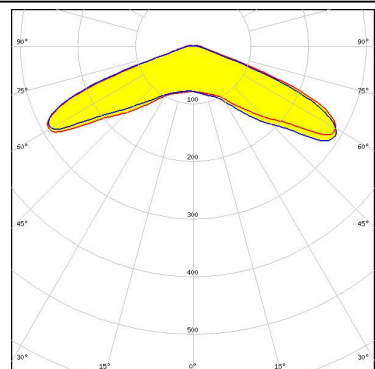
LED SMD 5050  
 FWHM 136.0°  
 Efficiency 94 %  
 Peak intensity 0.350 cd/lm  
 Required components:



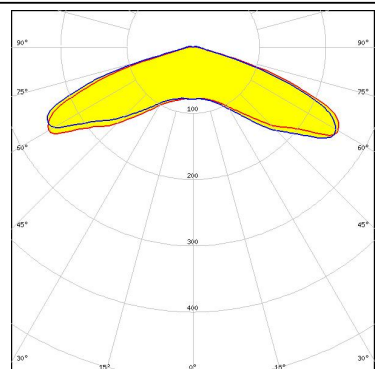
LED XP-G2  
 FWHM 140.0°  
 Efficiency %  
 Peak intensity 0.550 cd/lm  
 Required components:



LED XP-G3  
 FWHM 141.0°  
 Efficiency 94 %  
 Peak intensity 0.460 cd/lm  
 Required components:



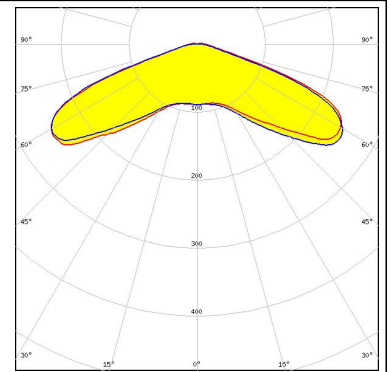
LED XP-L  
 FWHM 145.0°  
 Efficiency 94 %  
 Peak intensity 0.410 cd/lm  
 Required components:



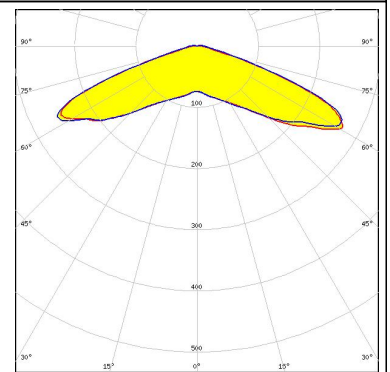
#### PHOTOMETRIC DATA (MEASURED):



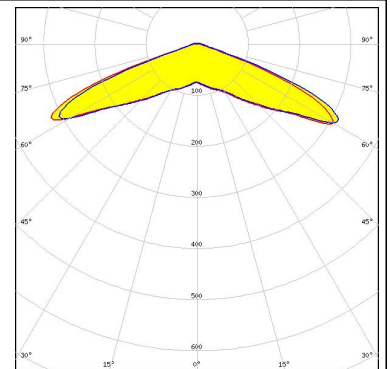
LED XP-L2  
FWHM 142.0°  
Efficiency 94 %  
Peak intensity 0.380 cd/lm  
Required components:



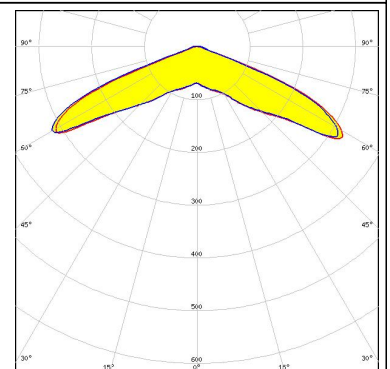
LED XT-E  
FWHM 142.0°  
Efficiency 94 %  
Peak intensity 0.470 cd/lm  
Required components:



LED H35C1 (LEMWA33)  
FWHM 140.0°  
Efficiency 94 %  
Peak intensity 0.520 cd/lm  
Required components:



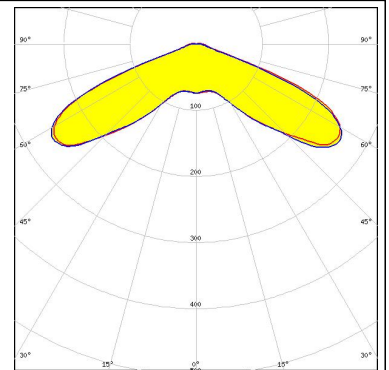
LED LUXEON T  
FWHM 137.0°  
Efficiency 94 %  
Peak intensity 0.540 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

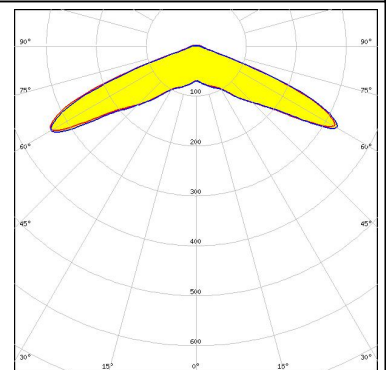
##### LUMILEDS

LED LUXEON V  
 FWHM 139.0°  
 Efficiency 94 %  
 Peak intensity 0.400 cd/lm  
 Required components:



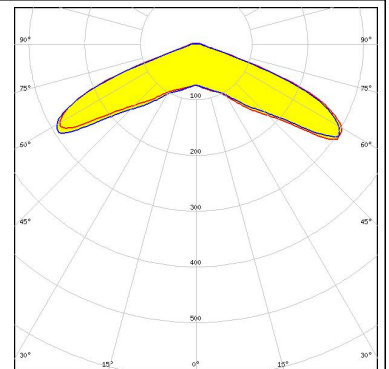
##### LUMILEDS

LED LUXEON XR-TX (L2T0-xyy012M)  
 FWHM 137.0°  
 Efficiency 94 %  
 Peak intensity 0.540 cd/lm  
 Required components:



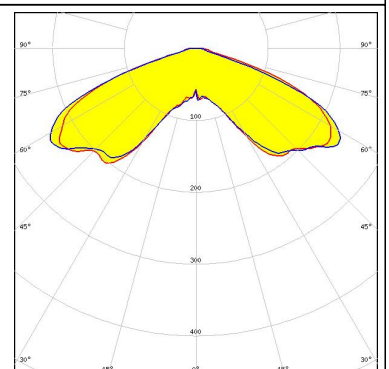
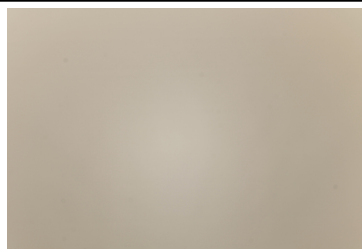
##### NICHIA

LED NVSxx19B/NVSxx19C  
 FWHM 140.0°  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 Required components:



##### OSRAM Opto Semiconductors

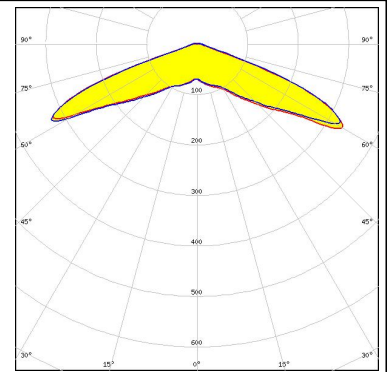
LED Duris S8  
 FWHM 137.0°  
 Efficiency 94 %  
 Peak intensity 0.370 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

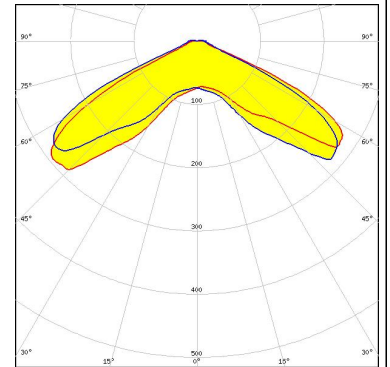
#### PHILIPS

LED Fortimo FastFlex LED board 2x6 DP G4  
 FWHM 140.0°  
 Efficiency 94 %  
 Peak intensity 0.550 cd/lm  
 Required components:



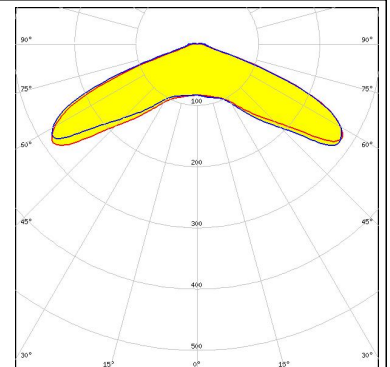
SEOUL SEMICONDUCTOR

LED SMJQ-D36W12Mx  
 FWHM 131.0°  
 Efficiency 94 %  
 Peak intensity 0.470 cd/lm  
 Required components:



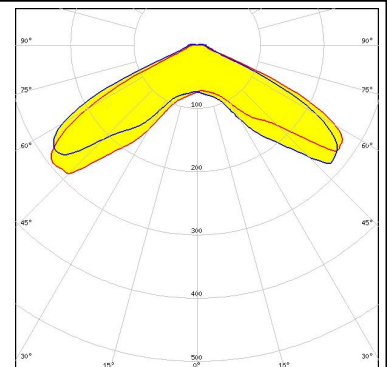
SEOUL SEMICONDUCTOR

LED SMJQ-D36W12Px  
 FWHM 137.0°  
 Efficiency 94 %  
 Peak intensity 0.460 cd/lm  
 Required components:




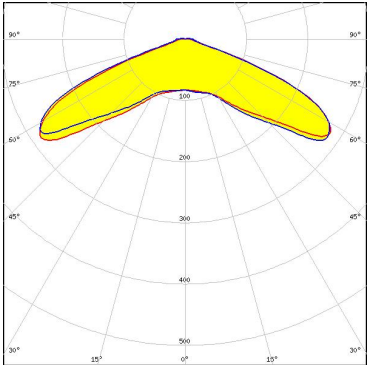
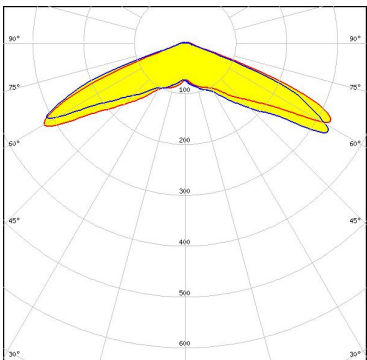
SEOUL SEMICONDUCTOR

LED Z8Y22  
 FWHM 131.0°  
 Efficiency 94 %  
 Peak intensity 0.470 cd/lm  
 Required components:





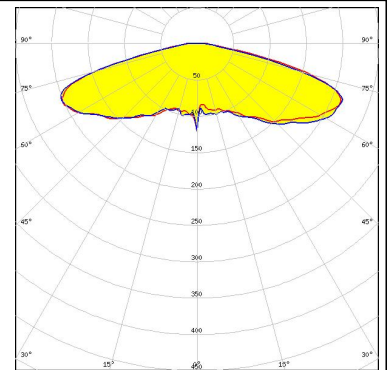
#### PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED            Z8Y22P FWHM        137.0° Efficiency    94 % Peak intensity 0.460 cd/lm Required components:</p>	
<p><b>TRIDONIC</b></p> <p>LED            RLE G2 HP 2x6 3000lm FWHM        138.0° Efficiency    94 % Peak intensity 0.560 cd/lm Required components:</p>	

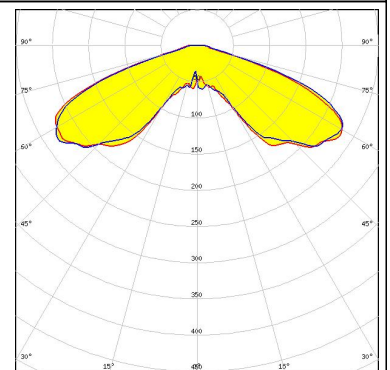
#### PHOTOMETRIC DATA (SIMULATED):



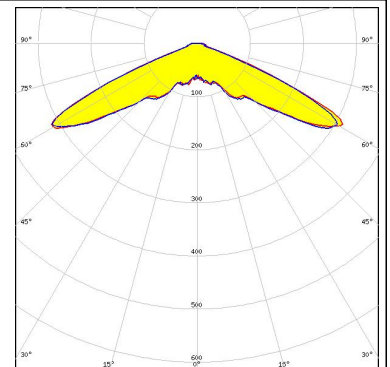
LED XHP35 HD  
FWHM 157.0°  
Efficiency 93 %  
Peak intensity 0.280 cd/lm  
Required components:



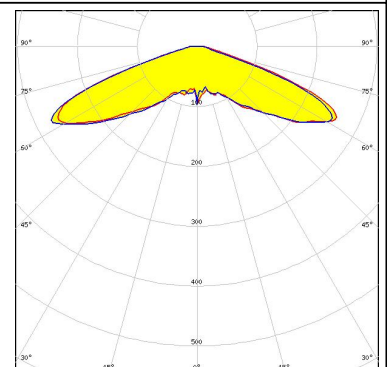
LED LUXEON 5050  
FWHM 143.0°  
Efficiency 92 %  
Peak intensity 0.320 cd/lm  
Required components:



LED NVSxE21A  
FWHM 136.0°  
Efficiency 93 %  
Peak intensity 0.520 cd/lm  
Required components:



LED OSCONIQ P 3737 (3W version)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.380 cd/lm  
Required components:





#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

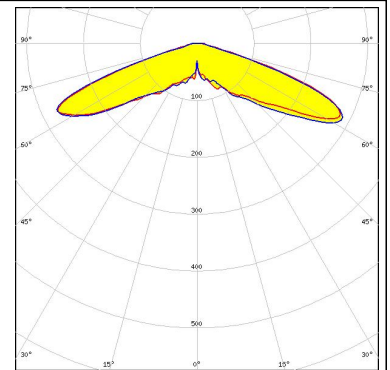
LED Oslon Square Gen3

FWHM 142.0°

Efficiency 91 %

Peak intensity 0.400 cd/lm

Required components:



#### OSRAM

Opto Semiconductors

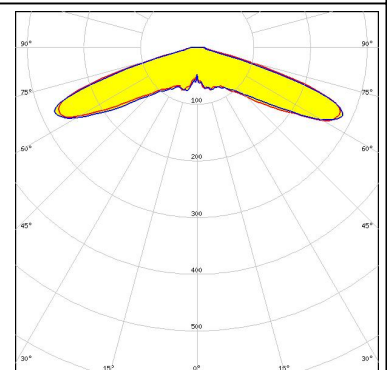
LED Oslon SSL 150

FWHM 145.0°

Efficiency 93 %

Peak intensity 0.430 cd/lm

Required components:



#### PHILIPS

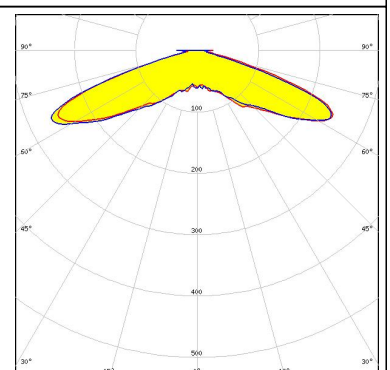
LED Fortimo FastFlex LED board 2x6 DPX G4

FWHM 144.0°

Efficiency 89 %

Peak intensity 0.380 cd/lm

Required components:



#### SAMSUNG

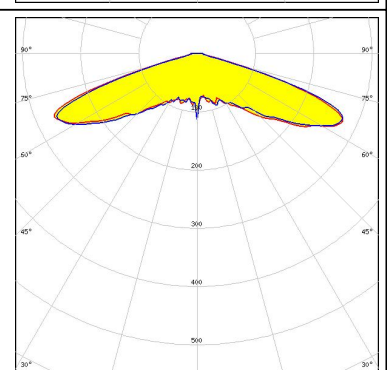
LED LH351C

FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.410 cd/lm

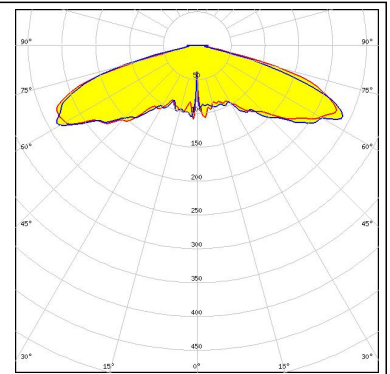
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

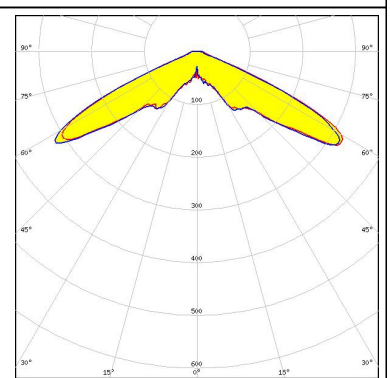
#### SAMSUNG

LED LH351D  
FWHM 156.0°  
Efficiency 94 %  
Peak intensity 0.330 cd/lm  
Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 131.0°  
Efficiency 92 %  
Peak intensity 0.510 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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