

## STRADA-IP-2X6-T4-B

Wide IESNA Type IV beam with forward-throw beam for wide area lighting like car parks

### TECHNICAL SPECIFICATIONS:

Dimensions	71.4 x 173.0 mm
Height	10.6 mm
Fastening	screw
ROHS compliant	yes ⓘ

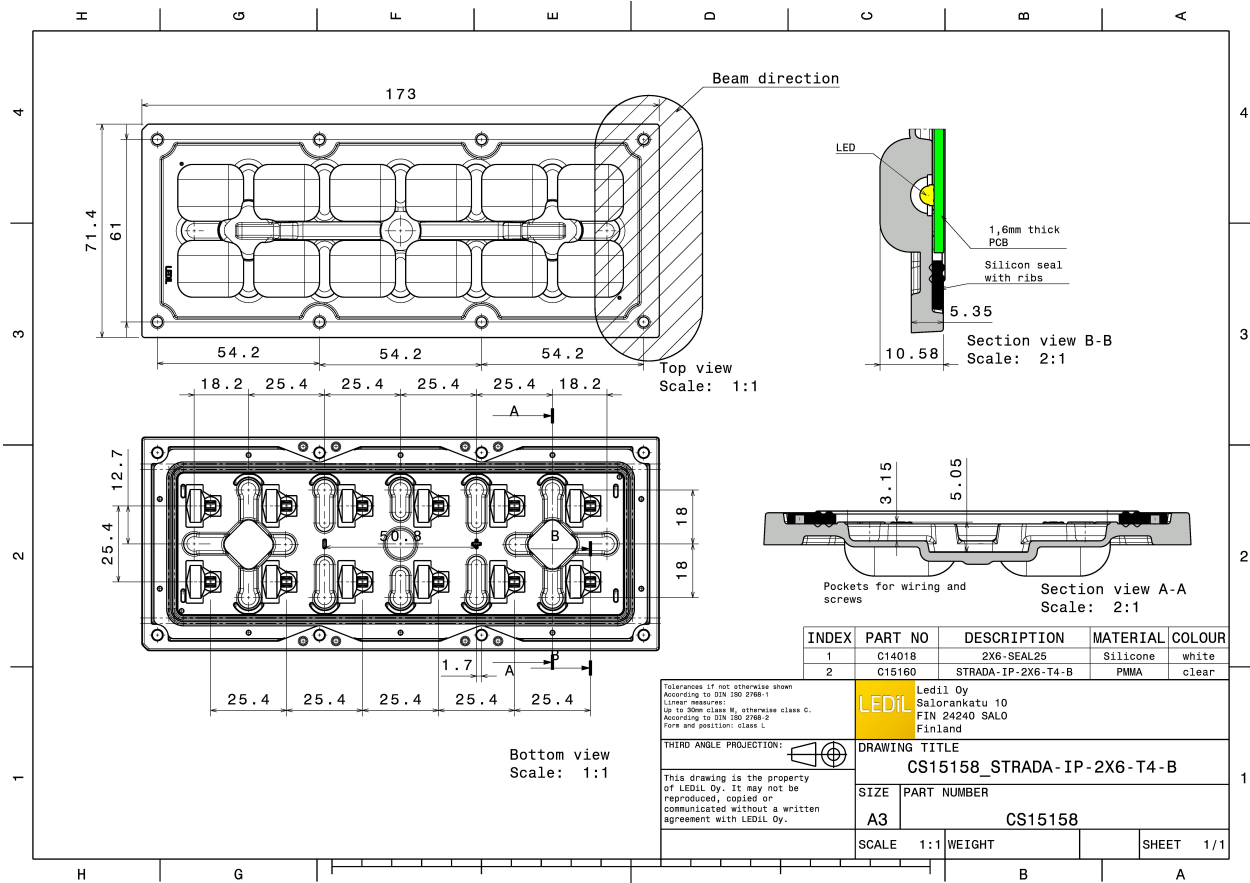
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-IP-2X6-T4-B	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	


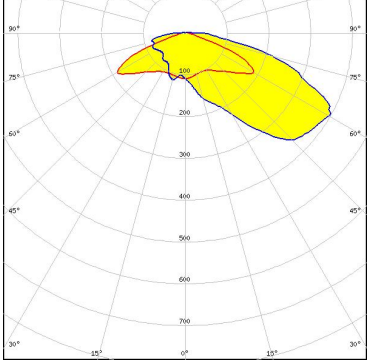

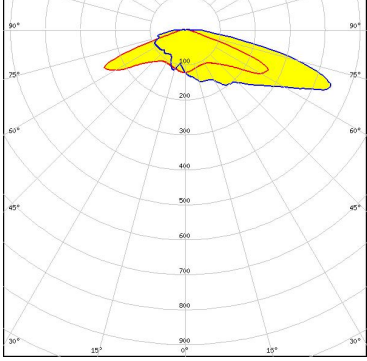

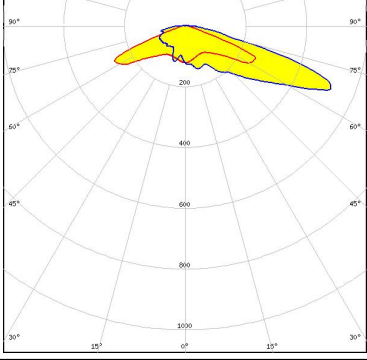

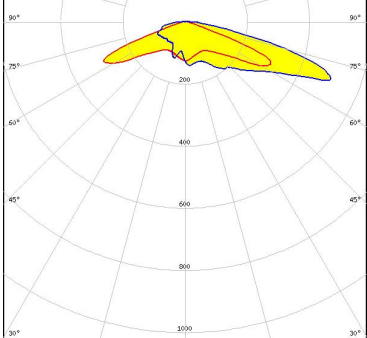


### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15158_STRADA-IP-2X6-T4-B	Multi-lens	120	40	40	7.8
» Box size: 476 x 273 x 247 mm					



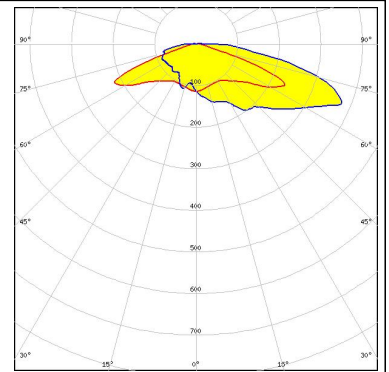
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>bridgelux</b></p> <p>LED                    Bridgelux SMD 5050            FWHM                Asymmetric            Efficiency            94 %            Peak intensity      0.5 cd/lm            LEDs/each optic    1            Light colour        White            Required components:</p>	
<p> <b>COMET ELECTRONICS</b></p> <p>LED                    QUICK FLUX 2x6 LED XG xxx G7+            FWHM                Asymmetric            Efficiency            94 %            Peak intensity      0.8 cd/lm            LEDs/each optic    1            Light colour        White            Required components:</p>	
<p> <b>COMET ELECTRONICS</b></p> <p>LED                    QUICK FLUX 2x6 LED XT xxx G5            FWHM                Asymmetric            Efficiency            92 %            Peak intensity      1 cd/lm            LEDs/each optic    1            Light colour        White            Required components:</p>	
<p> <b>CREE</b></p> <p>LED                    XP-G2            FWHM                Asymmetric            Efficiency            92 %            Peak intensity      1 cd/lm            LEDs/each optic    1            Light colour        White            Required components:</p>	

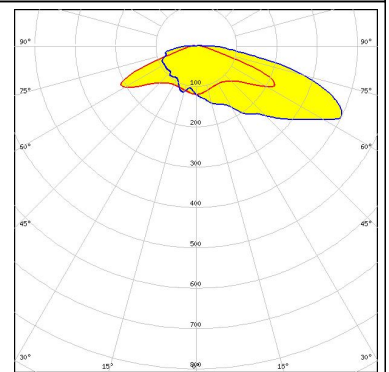
#### PHOTOMETRIC DATA (MEASURED):



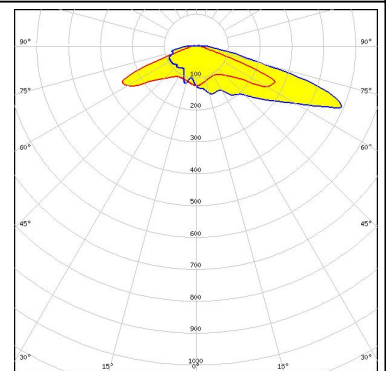
LED XP-L HD  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



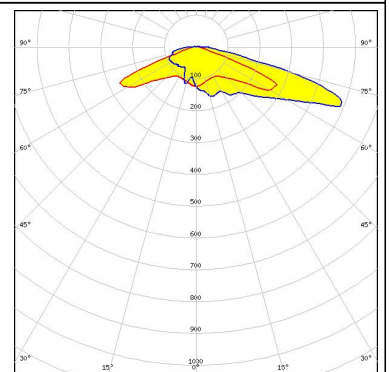
LED XP-L2  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



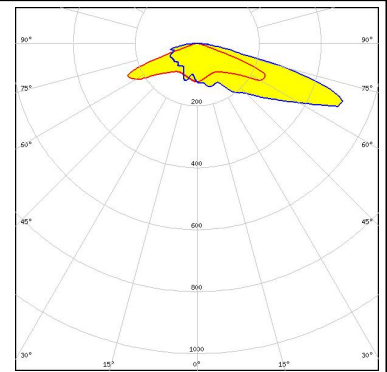
LED XT-E HE  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

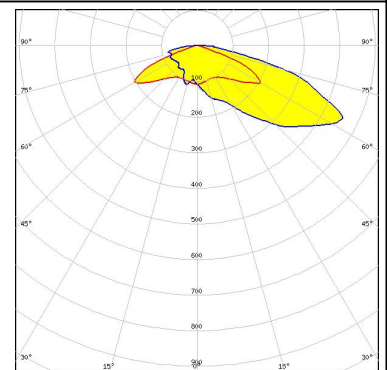
##### LG Innotek

LED H35C1 (LEMWA33)  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



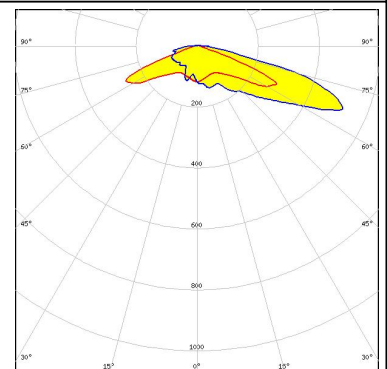
##### LUMILEDS

LED LUXEON 5050 Round LES  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



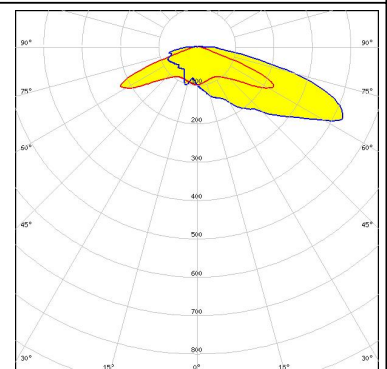
##### LUMILEDS

LED LUXEON T  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

LED LUXEON V  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

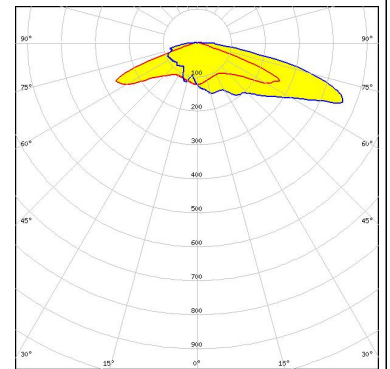
##### LUMILEDS

LED LUXEON V2  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



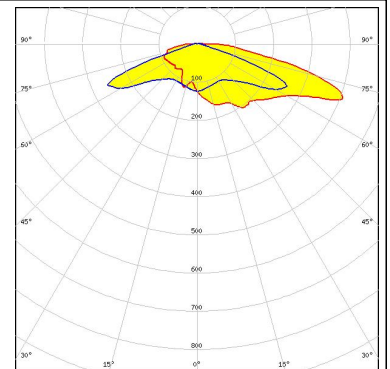
##### NICHIA

LED NVSW219F  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



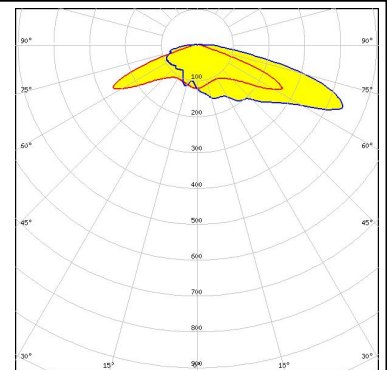
##### NICHIA

LED NVSW319B  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

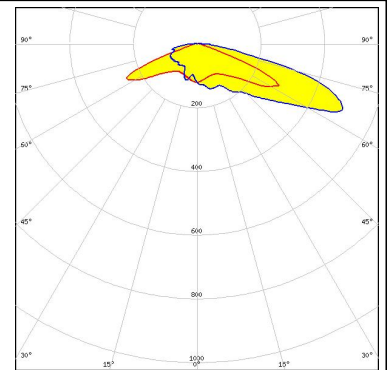
LED NVSW3x9A  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



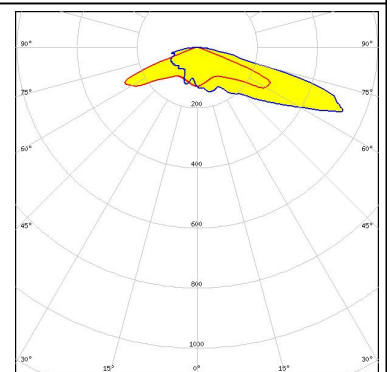
#### PHOTOMETRIC DATA (MEASURED):



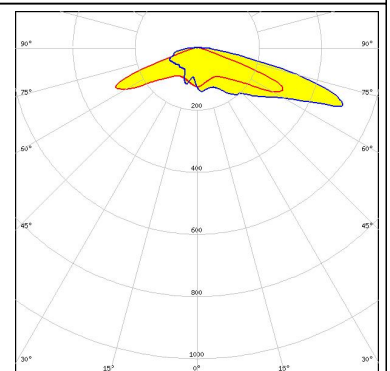
LED NVSxx19B/NVSxx19C  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



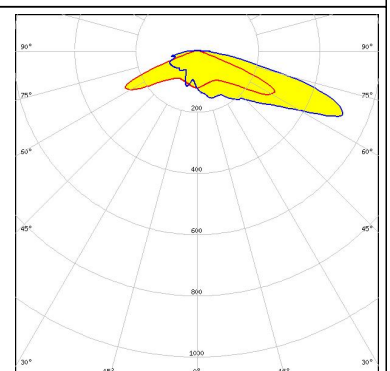
LED OSOLON Square CSSRM2/CSSRM3  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



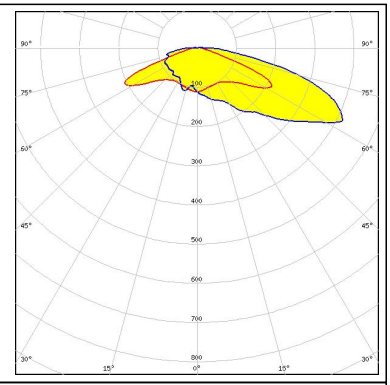
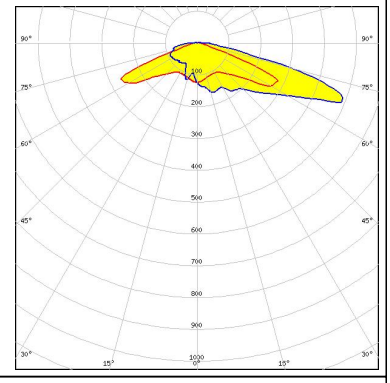
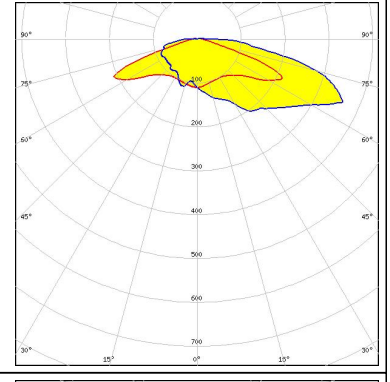

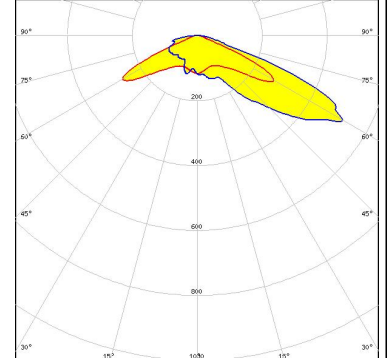
LED Fortimo FastFlex LED 2x6 DP G4  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED HiLOM RH12 (LH351C)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:


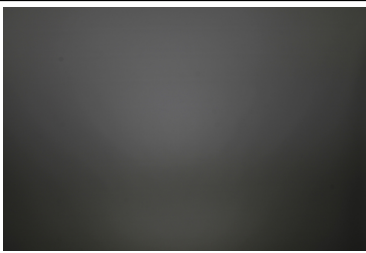
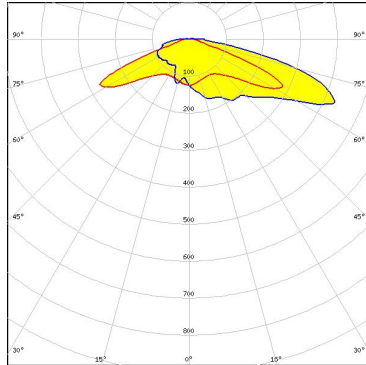


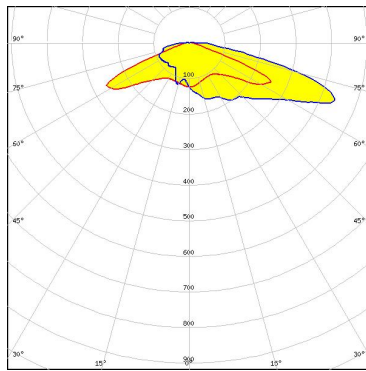


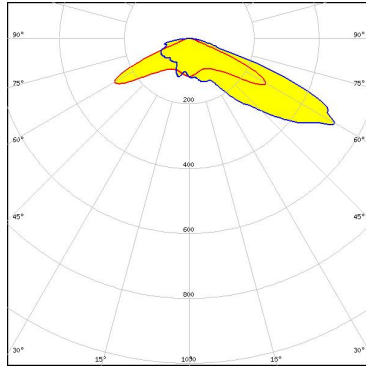

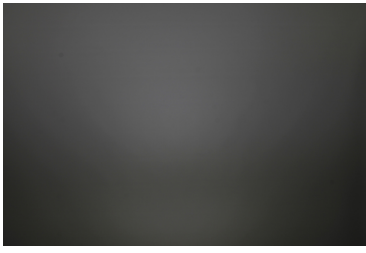
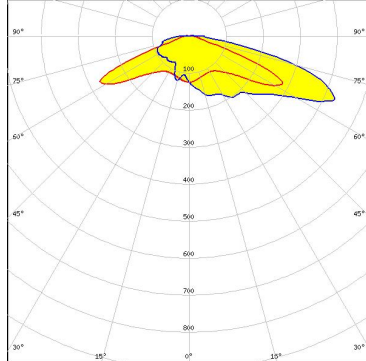


#### PHOTOMETRIC DATA (MEASURED):

<p><b>SCIOLUX</b></p> <p>LED ROY-S26XPL2 (XP-L2)            FWHM Asymmetric            Efficiency 91 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SCIOLUX</b></p> <p>LED XLE-S22C4XTEHE (XT-E HE)            FWHM Asymmetric            Efficiency 92 %            Peak intensity 1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SCIOLUX</b></p> <p>LED XLE-S26XHP35 (XHP35 HD)            FWHM Asymmetric            Efficiency 90 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SEOL</b>  <small>SEOUL SEMICONDUCTOR</small></p> <p>LED SMJQ-D36W12Mx            FWHM Asymmetric            Efficiency 93 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		



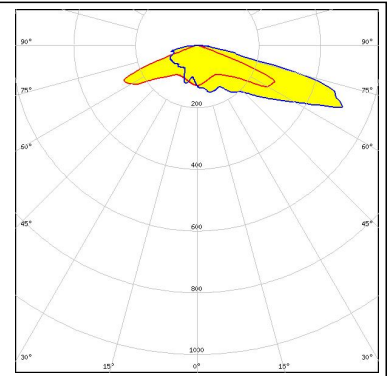
#### PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SMJQ-D36W12Px FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3 FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22 FWHM Asymmetric Efficiency 93 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

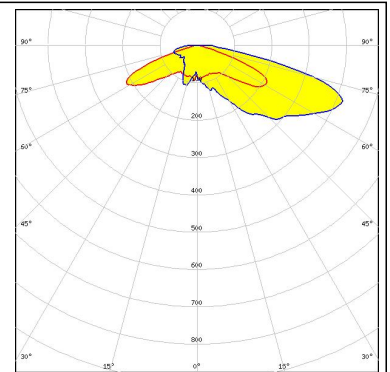
LED RLE 2x6 3000lm HP EXC2 OTD  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



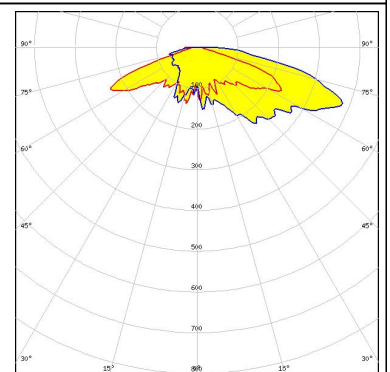
#### PHOTOMETRIC DATA (SIMULATED):



LED J Series 5050  
 FWHM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

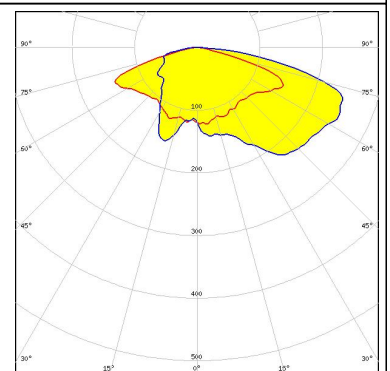


LED XHP35 HD  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

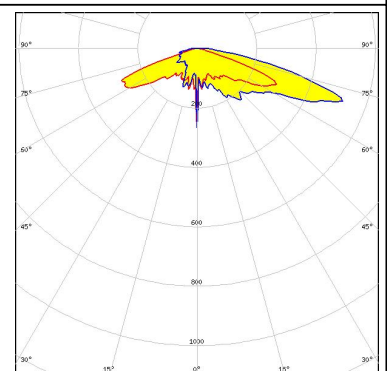


LED XHP35 HD  
 FWHM Asymmetric  
 Efficiency 73 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Transparent protective cover



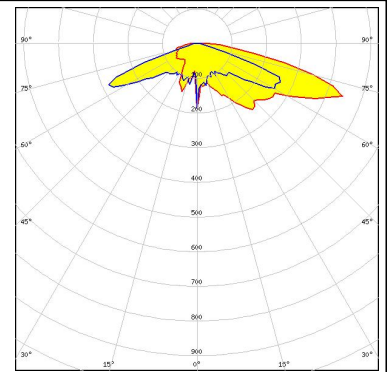
LED XHP35 HI  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



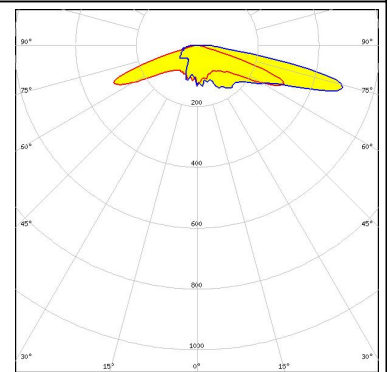
#### PHOTOMETRIC DATA (SIMULATED):



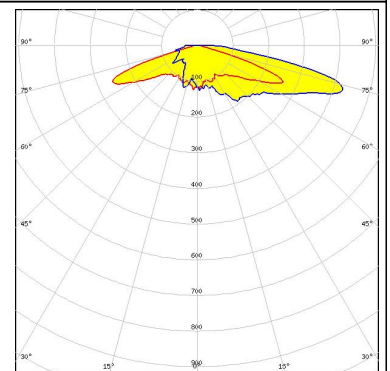
**LED** XM-L2  
**FWHM** Asymmetric  
**Efficiency** 92 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



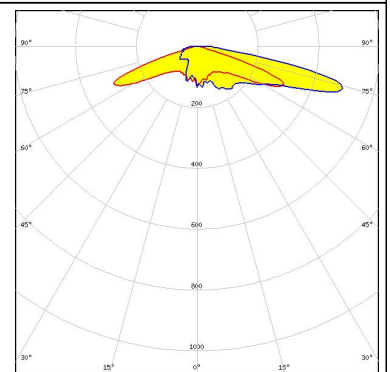
**LED** XP-G2  
**FWHM** Asymmetric  
**Efficiency** 88 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** XP-G2 HE  
**FWHM** Asymmetric  
**Efficiency** 86 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



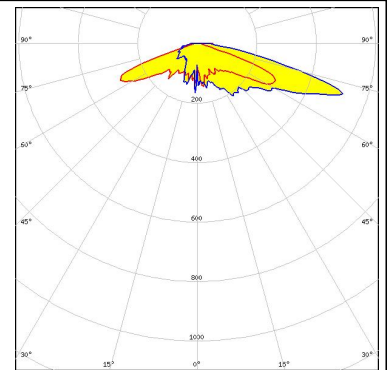
**LED** XP-G3  
**FWHM** Asymmetric  
**Efficiency** 87 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



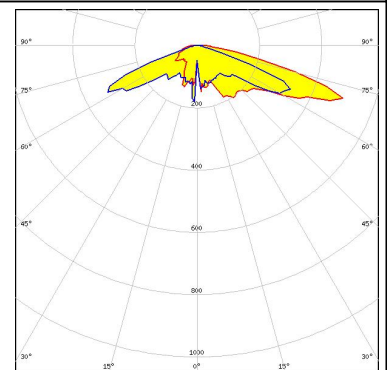
#### PHOTOMETRIC DATA (SIMULATED):



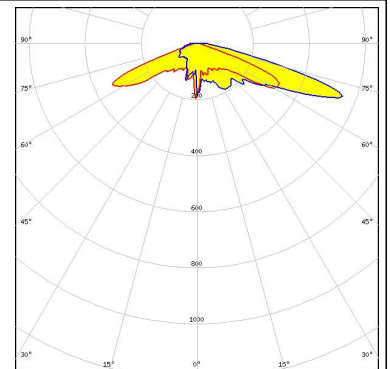
**LED** XP-L HI  
**FWHM** Asymmetric  
**Efficiency** 93 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



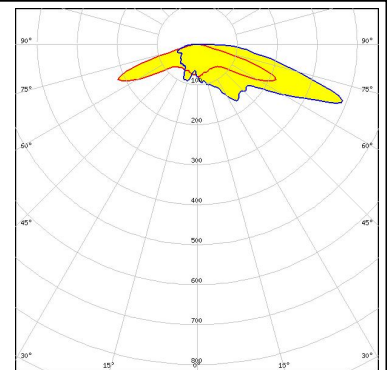
**LED** LUXEON TX  
**FWHM** Asymmetric  
**Efficiency** 92 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** NCSxx19B  
**FWHM** Asymmetric  
**Efficiency** 92 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



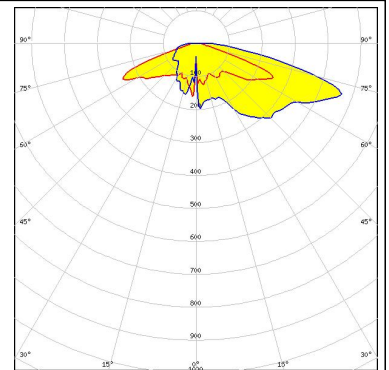
**LED** NV4WB35AM  
**FWHM** Asymmetric  
**Efficiency** 77 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



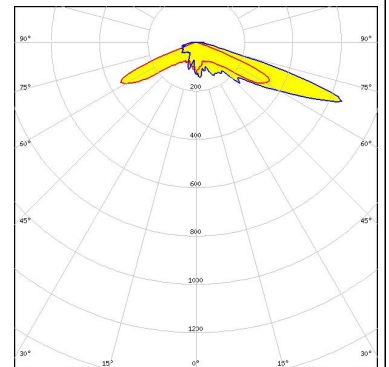
#### PHOTOMETRIC DATA (SIMULATED):



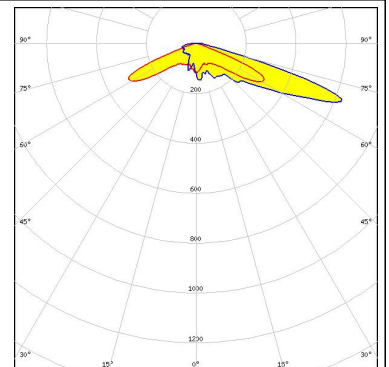
**LED** NVSW219D  
**FWHM** Asymmetric  
**Efficiency** %  
**Peak intensity** 1.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



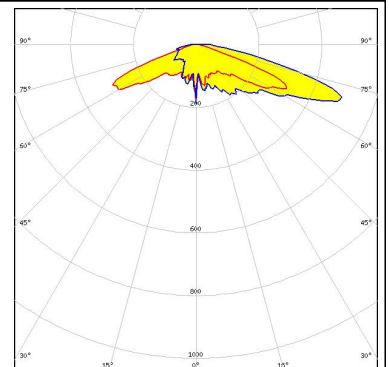
**LED** NVSxE21A  
**FWHM** Asymmetric  
**Efficiency** 88 %  
**Peak intensity** 1.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** NVSxE21A  
**FWHM** Asymmetric  
**Efficiency** 87 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



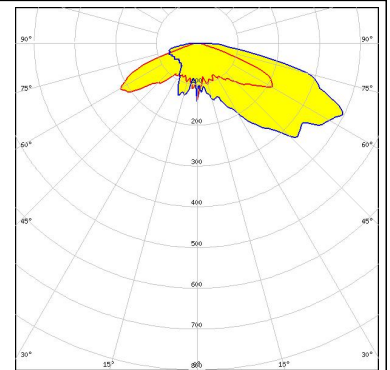
**LED** NVSxx19B/NVSxx19C  
**FWHM** Asymmetric  
**Efficiency** 93 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



#### PHOTOMETRIC DATA (SIMULATED):

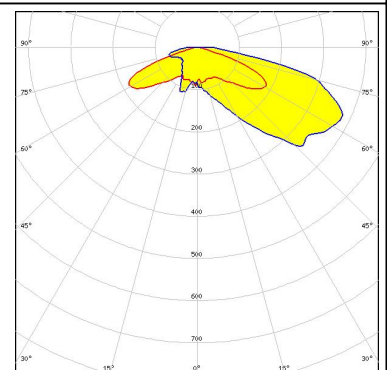
##### OSRAM Opto Semiconductors

LED Duris S8  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



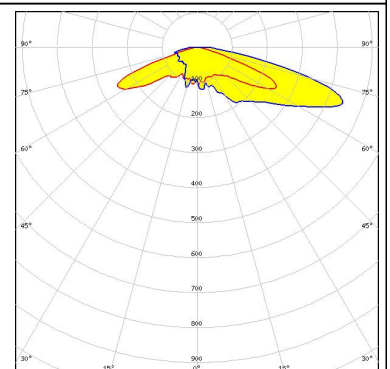
##### OSRAM Opto Semiconductors

LED Duris S8  
 FWHM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



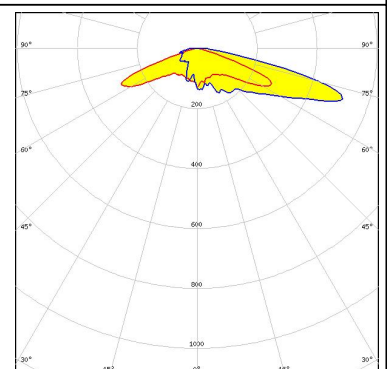
##### OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

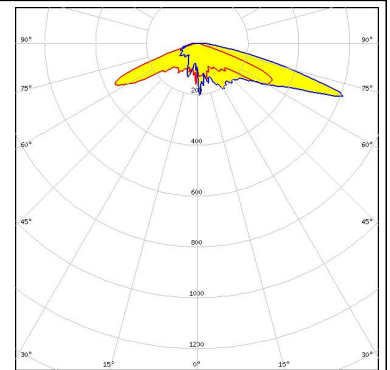


#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

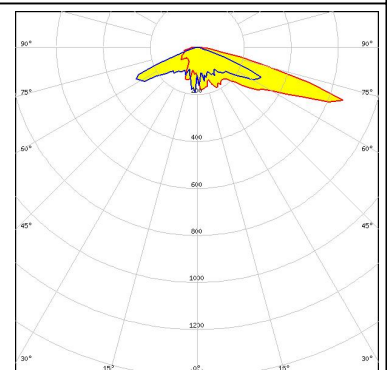
LED OSLON Square CSSRM2/CSSRM3  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

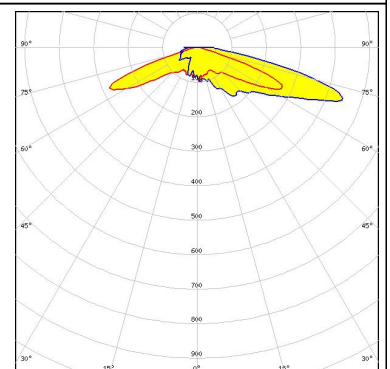
Opto Semiconductors

LED OSLON Square PC  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



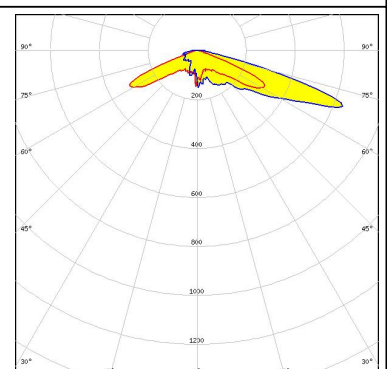
#### PHILIPS

LED Fortimo FastFlex LED 2x6 DPX G4  
 FWHM Asymmetric  
 Efficiency 81 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

LED LH181B  
 FWHM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

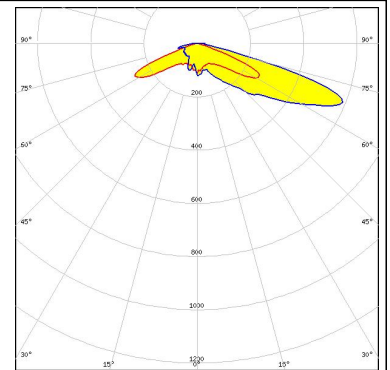




#### PHOTOMETRIC DATA (SIMULATED):

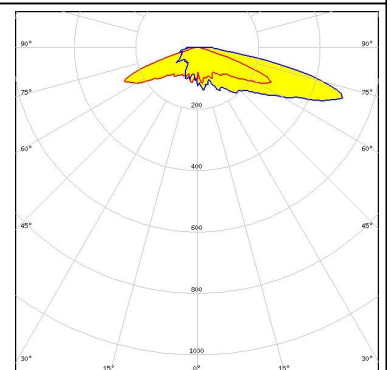
#### SAMSUNG

LED LH231B  
FWHM Asymmetric  
Efficiency 89 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



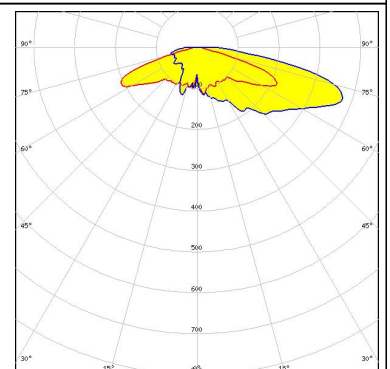
#### SAMSUNG

LED LH351B  
FWHM Asymmetric  
Efficiency 88 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



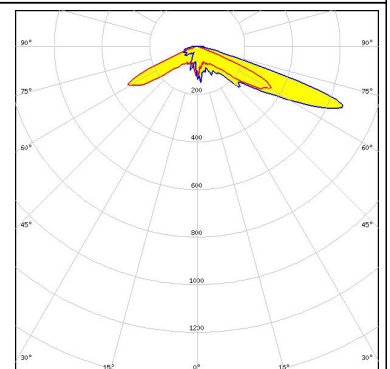
#### SAMSUNG

LED LH351D  
FWHM Asymmetric  
Efficiency 86 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

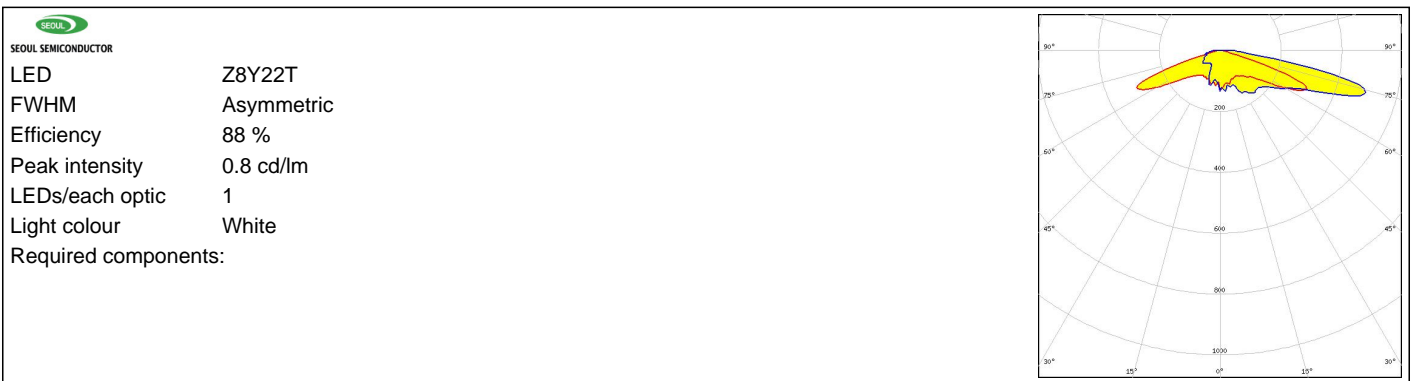


SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM Asymmetric  
Efficiency 85 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):



#### 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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