

## STRADA-IP-2X6-VSM

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

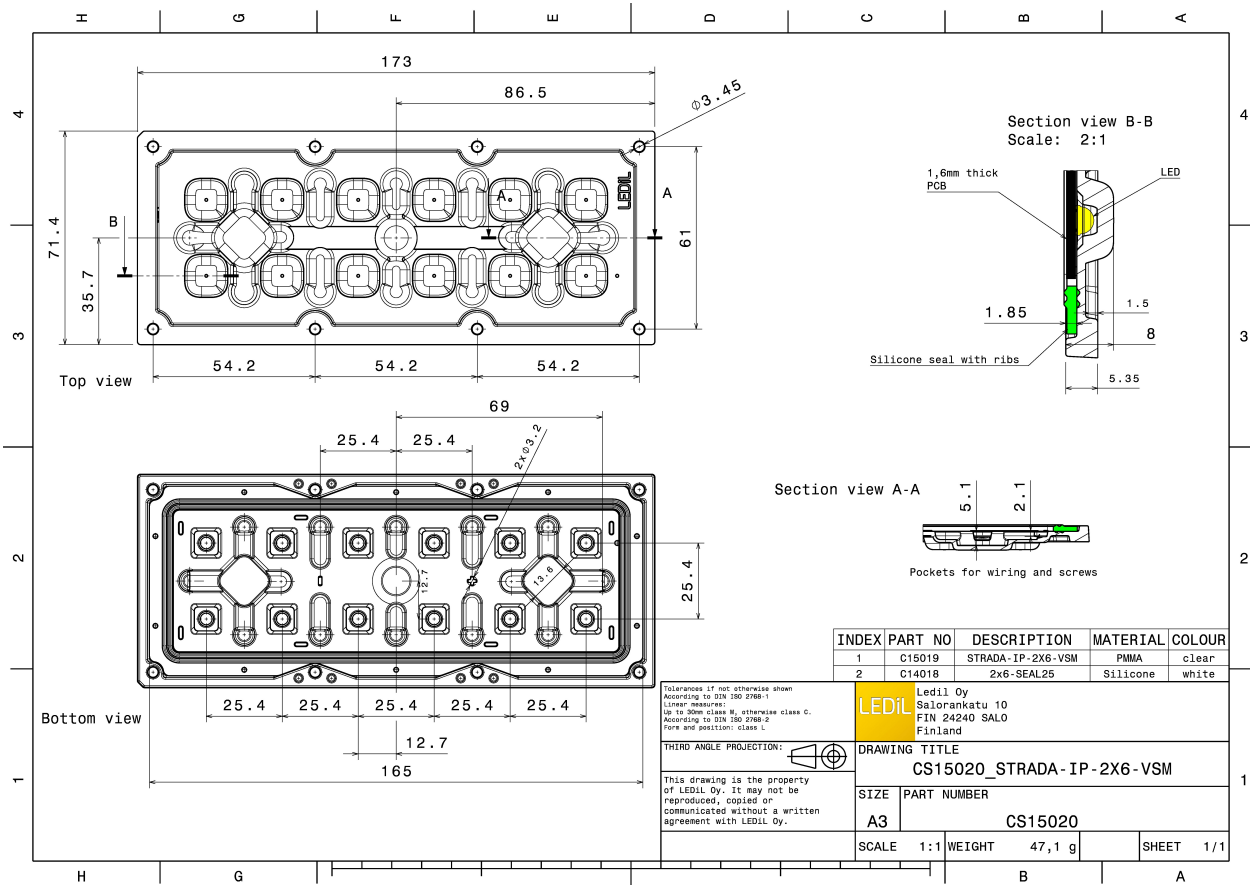
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| 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:

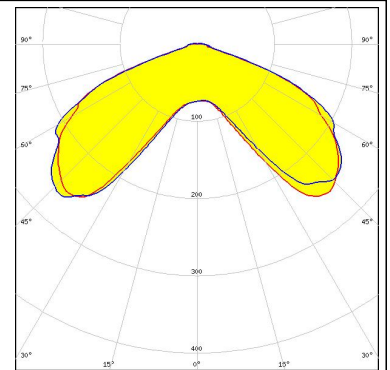
| Component         | Type       | Material | Colour |
|-------------------|------------|----------|--------|
| STRADA-IP-2X6-VSM | Multi-lens | PMMA     | clear  |
| 2X6-SEAL25        | Seal       | Silicone | white  |



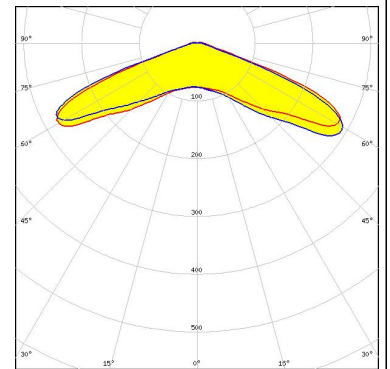
#### PHOTOMETRIC DATA (MEASURED):



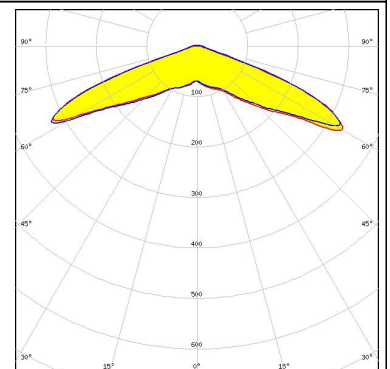
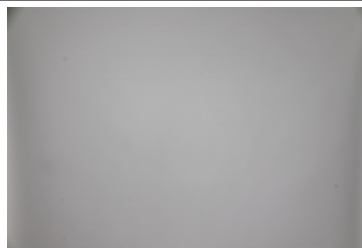
LED Bridgelux SMD 5050  
 FWHM 136.0°  
 Efficiency 94 %  
 Peak intensity 0.350 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



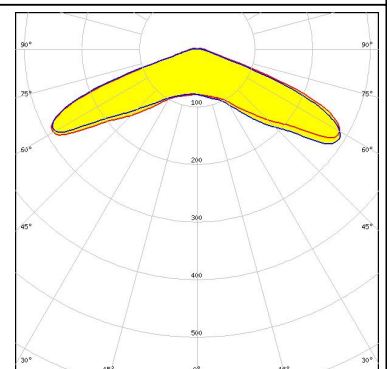
LED QUICK FLUX 2x6 LED XG xxx G7+  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.460 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G2  
 FWHM 140.0°  
 Efficiency %  
 Peak intensity 0.550 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



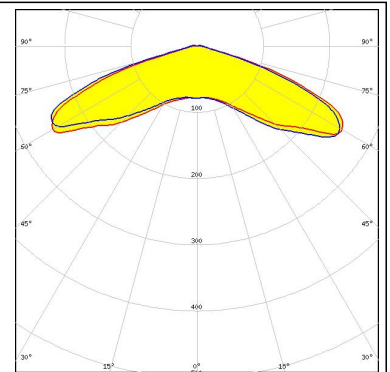
LED XP-G3  
 FWHM 141.0°  
 Efficiency 94 %  
 Peak intensity 0.460 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

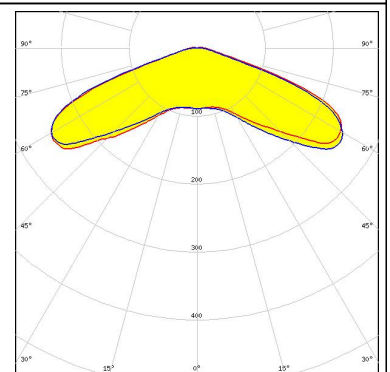
#### CREE

LED XP-L HD  
 FWHM 145.0°  
 Efficiency 94 %  
 Peak intensity 0.410 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



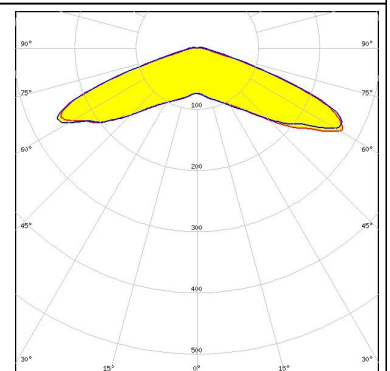
#### CREE

LED XP-L2  
 FWHM 142.0°  
 Efficiency 94 %  
 Peak intensity 0.380 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



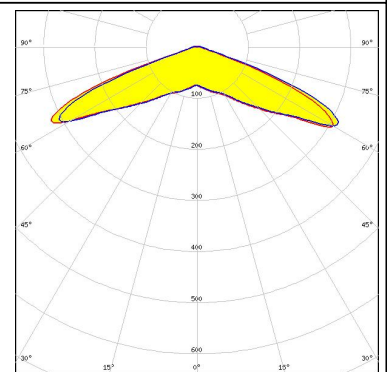
#### CREE

LED XT-E  
 FWHM 142.0°  
 Efficiency 94 %  
 Peak intensity 0.470 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LG Innotek

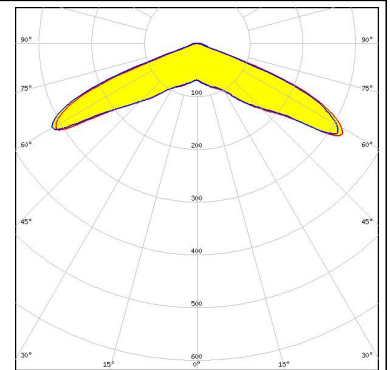
LED H35C1 (LEMWA33)  
 FWHM 140.0°  
 Efficiency 94 %  
 Peak intensity 0.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

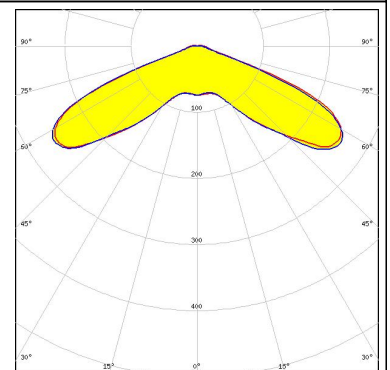
##### LUMILEDS

LED LUXEON T  
FWHM 137.0°  
Efficiency 94 %  
Peak intensity 0.540 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



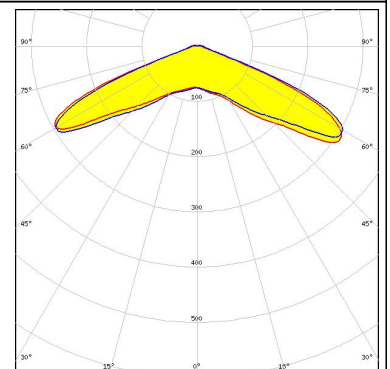
##### LUMILEDS

LED LUXEON V  
FWHM 139.0°  
Efficiency 94 %  
Peak intensity 0.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



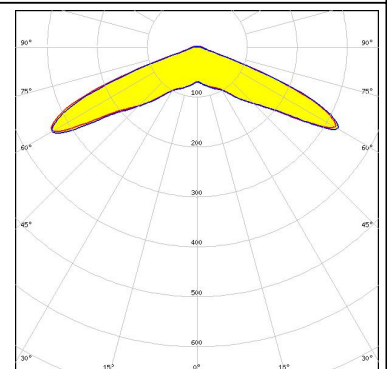
##### LUMILEDS

LED LUXEON V2  
FWHM 136.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### LUMILEDS

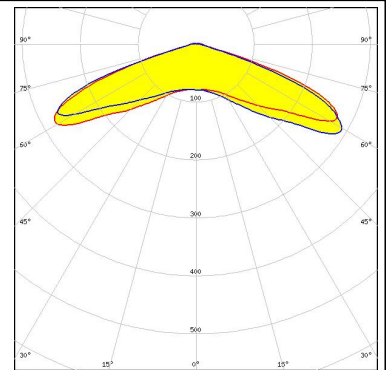
LED LUXEON XR-TX (L2T0-xyyy012M)  
FWHM 137.0°  
Efficiency 94 %  
Peak intensity 0.540 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



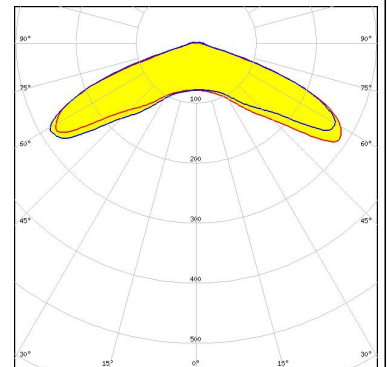
#### PHOTOMETRIC DATA (MEASURED):



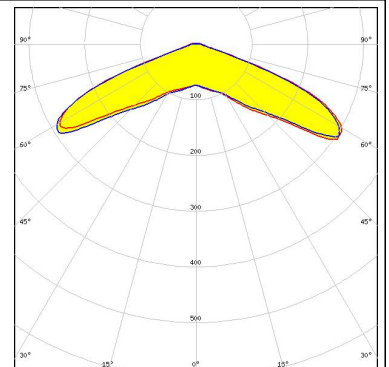
LED NVSW319B  
 FWHM 145.0°  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



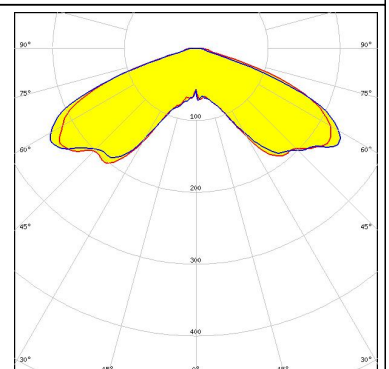
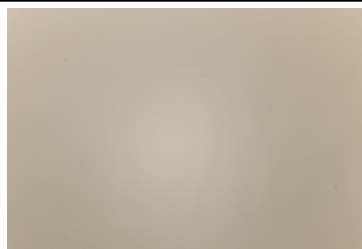
LED NVSW3x9A  
 FWHM 140.0°  
 Efficiency 94 %  
 Peak intensity 0.430 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM 140.0°  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



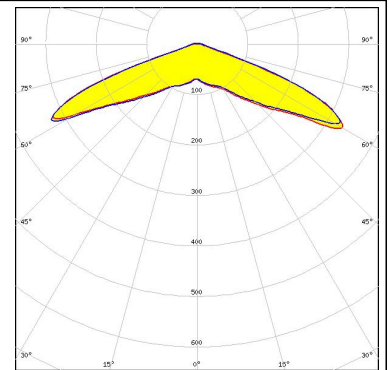
LED Duris S8  
 FWHM 137.0°  
 Efficiency 94 %  
 Peak intensity 0.370 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

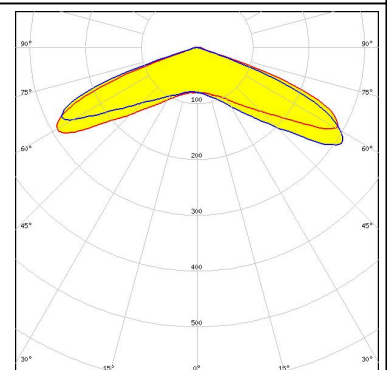
#### PHILIPS

LED Fortimo FastFlex LED 2x6 DP G4  
 FWHM 140.0°  
 Efficiency 94 %  
 Peak intensity 0.550 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



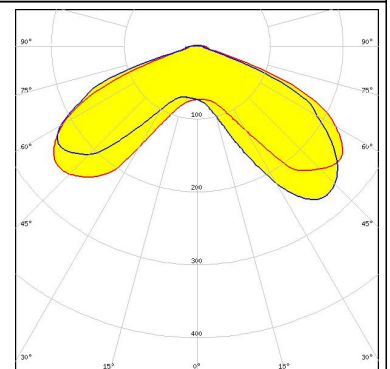
#### SAMSUNG

LED HiLOM RH12 (LH351C)  
 FWHM 140.0°  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



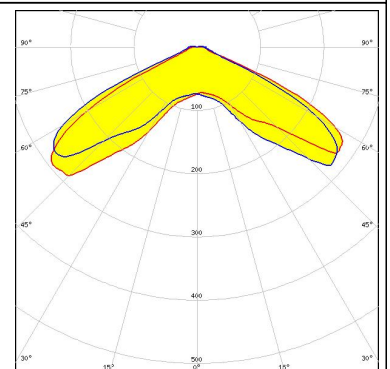
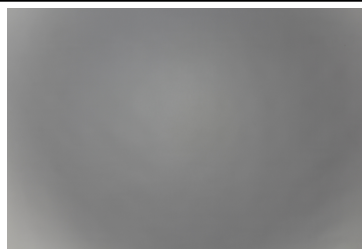
SEOUL SEMICONDUCTOR

LED 2x6 5050 module - SMJD-3625012F-XX  
 FWHM 135.0°  
 Efficiency 94 %  
 Peak intensity 0.370 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

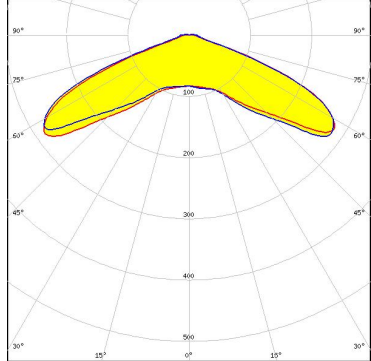

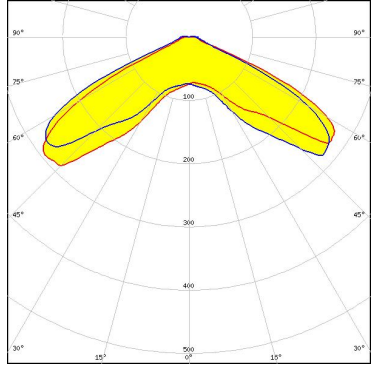
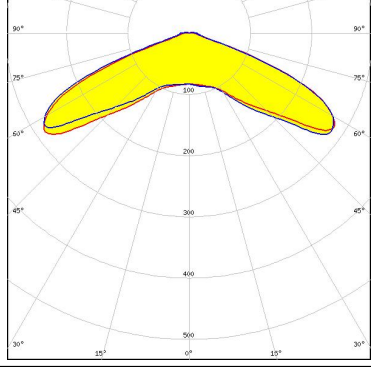
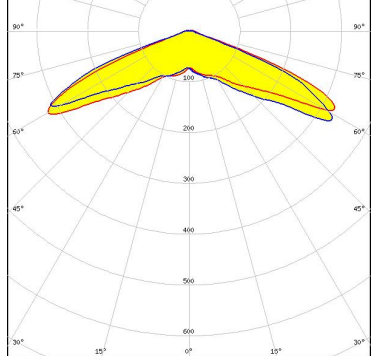


SEOUL SEMICONDUCTOR

LED SMJQ-D36W12Mx  
 FWHM 131.0°  
 Efficiency 94 %  
 Peak intensity 0.470 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

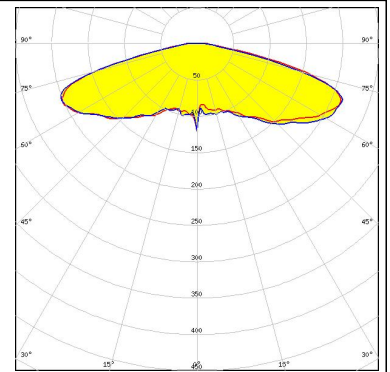
|  |   |   |
|--|---|---|
| <p><b>SEOL</b><br/>SEOUL SEMICONDUCTOR</p> <p>LED SMJQ-D36W12Px<br/>FWHM 137.0°<br/>Efficiency 94 %<br/>Peak intensity 0.460 cd/lm<br/>LEDs/each optic 1<br/>Light colour White<br/>Required components:</p> |   |    |
| <p><b>SEOL</b><br/>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22<br/>FWHM 131.0°<br/>Efficiency 94 %<br/>Peak intensity 0.470 cd/lm<br/>LEDs/each optic 1<br/>Light colour White<br/>Required components:</p>         |  |   |
| <p><b>SEOL</b><br/>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P<br/>FWHM 137.0°<br/>Efficiency 94 %<br/>Peak intensity 0.460 cd/lm<br/>LEDs/each optic 1<br/>Light colour White<br/>Required components:</p>        |   |  |
| <p><b>TRIDONIC</b></p> <p>LED RLE 2x6 3000lm HP EXC2 OTD<br/>FWHM 138.0°<br/>Efficiency 94 %<br/>Peak intensity 0.560 cd/lm<br/>LEDs/each optic 1<br/>Light colour White<br/>Required components:</p>        |   |  |



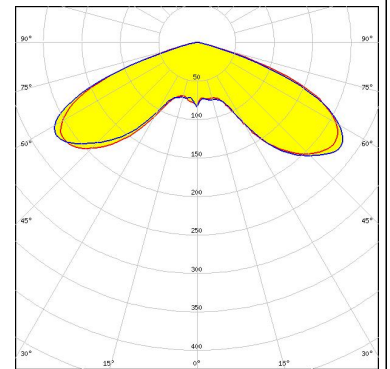
#### PHOTOMETRIC DATA (SIMULATED):



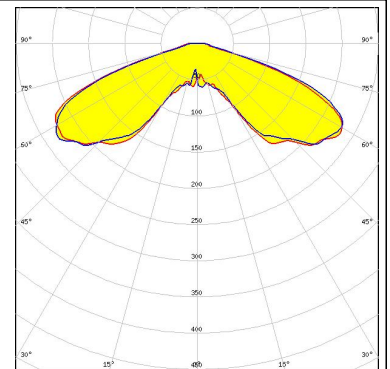
**LED** XHP35 HD  
**FWHM** 157.0°  
**Efficiency** 93 %  
**Peak intensity** 0.280 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



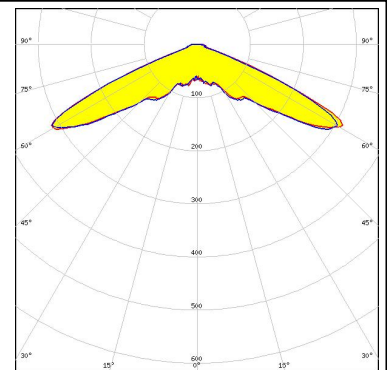
**LED** LUXEON 5050  
**FWHM** 139.0°  
**Efficiency** 82 %  
**Peak intensity** 0.290 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Undefined Manufacturer: Protective Plate, Glass



**LED** LUXEON 5050  
**FWHM** 143.0°  
**Efficiency** 92 %  
**Peak intensity** 0.320 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



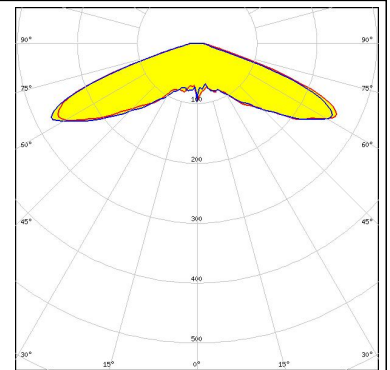
**LED** NVSxE21A  
**FWHM** 136.0°  
**Efficiency** 93 %  
**Peak intensity** 0.520 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



#### PHOTOMETRIC DATA (SIMULATED):

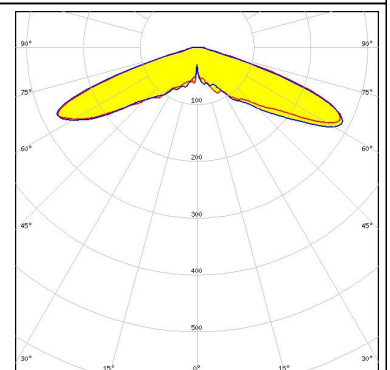
##### OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.380 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



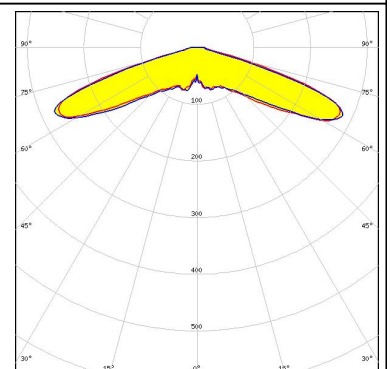
##### OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM 142.0°  
Efficiency 91 %  
Peak intensity 0.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



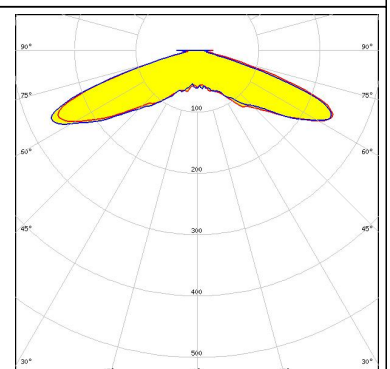
##### OSRAM Opto Semiconductors

LED OSLON SSL 150  
FWHM 145.0°  
Efficiency 93 %  
Peak intensity 0.430 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### PHILIPS

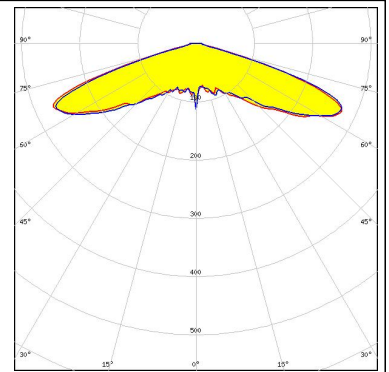
LED Fortimo FastFlex LED 2x6 DPX G4  
FWHM 144.0°  
Efficiency 89 %  
Peak intensity 0.380 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

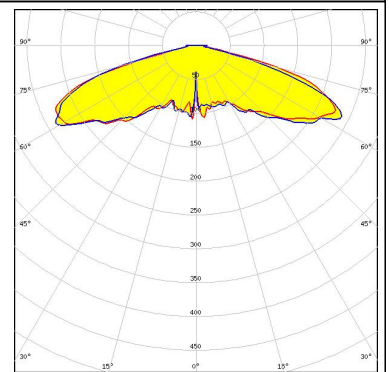
#### SAMSUNG

LED LH351C  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.410 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



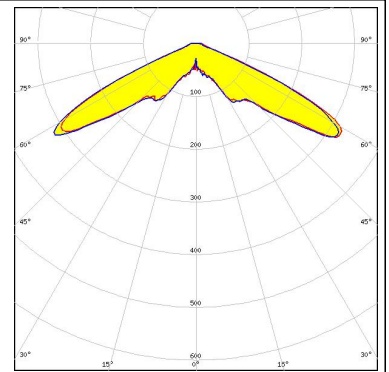
#### SAMSUNG

LED LH351D  
FWHM 156.0°  
Efficiency 94 %  
Peak intensity 0.330 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 131.0°  
Efficiency 92 %  
Peak intensity 0.510 cd/lm  
LEDs/each optic 1  
Light colour White  
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.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### LEDiL Oy

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#### Local sales and technical support

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#### Shipping locations

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