

STRADA-2X2-VSM

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

TECHNICAL SPECIFICATIONS:

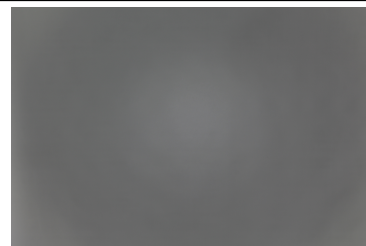
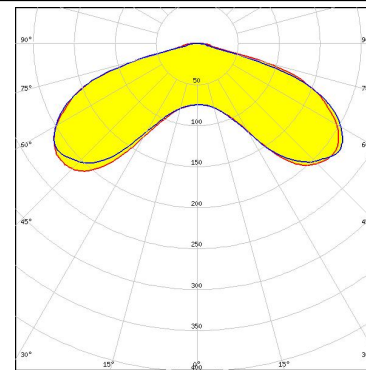
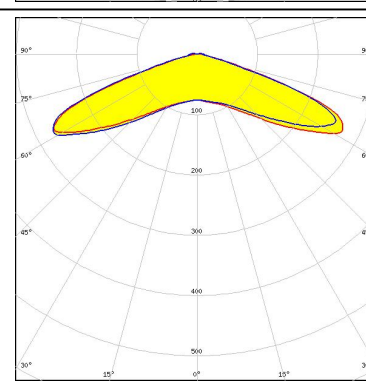
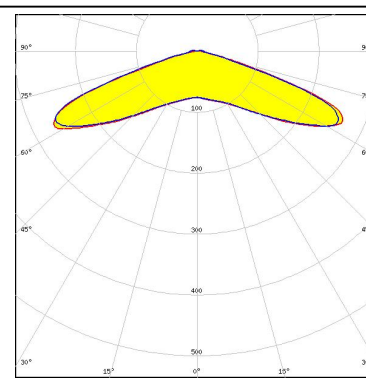
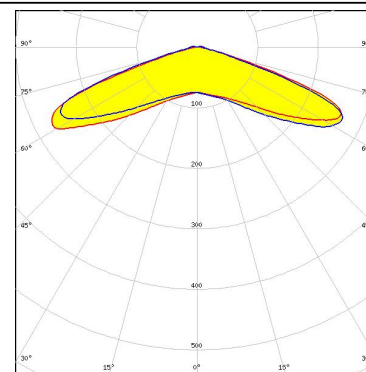
| | |
|-----------------|--------------------|
| Dimensions | 50.0 mm |
| Height | 6.1 mm |
| Fastening | screw, glue, pin |
| Colour | clear |
| Box size | 480 x 280 x 300 mm |
| Box weight | 6.2 kg |
| Quantity in Box | 800 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|----------------|------|----------|--------|
| STRADA-2X2-VSM | Lens | PMMA | clear |

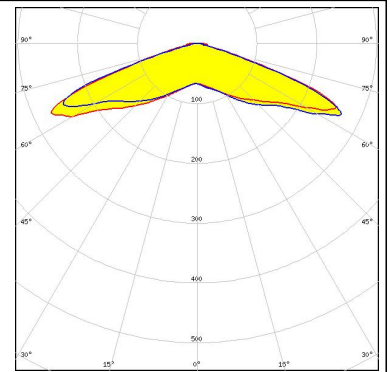
PHOTOMETRIC DATA (MEASURED):

| | | |
|--|--|---|
| <p>bridgelux</p> <p>LED SMD 5050</p> <p>FWHM 149.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.340 cd/lm</p> <p>Required components:</p> |  |  |
| <p>COMET ELECTRONICS</p> <p>LED QUICK FLUX XTP 2x4 xxx LS G5</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.480 cd/lm</p> <p>Required components:</p> | |  |
| <p>COMET ELECTRONICS</p> <p>LED QUICK FLUX XTP 2x6 xxx LS G5</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.480 cd/lm</p> <p>Required components:</p> | |  |
| <p>COMET ELECTRONICS</p> <p>LED QUICK FLUX XTP 2x8 xxx LS G5</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.500 cd/lm</p> <p>Required components:</p> | |  |

PHOTOMETRIC DATA (MEASURED):

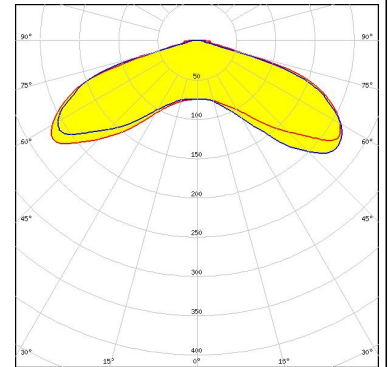
CREE 

LED XD16
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.630 cd/lm
Required components:



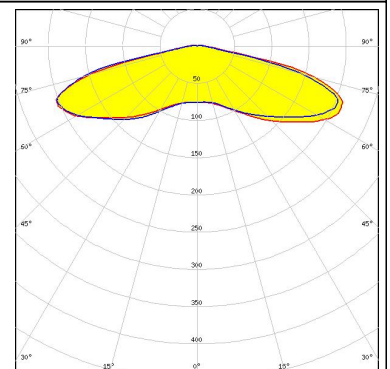
CREE 

LED XD16 2x2 cluster
FWHM 149.0°
Efficiency 94 %
Peak intensity 0.410 cd/lm
Required components:



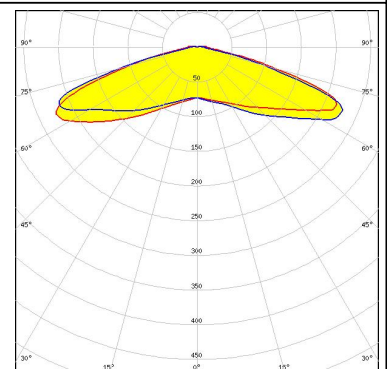
CREE 

LED XHP35 HD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.370 cd/lm
Required components:



CREE 

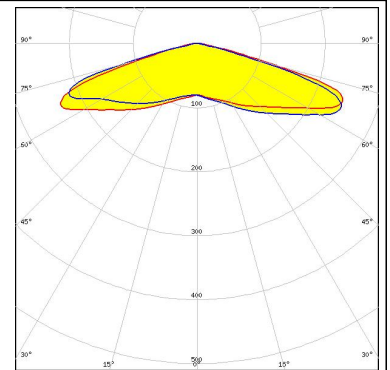
LED XT-E
FWHM 152.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

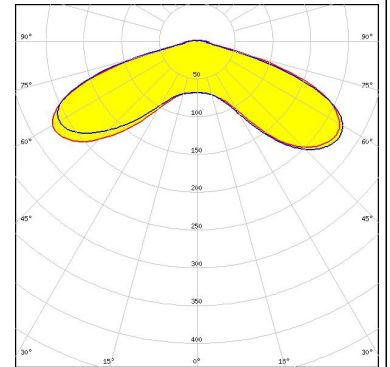
LG Innotek

LED H35C1 (LEMWA33)
FWHM 150.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:



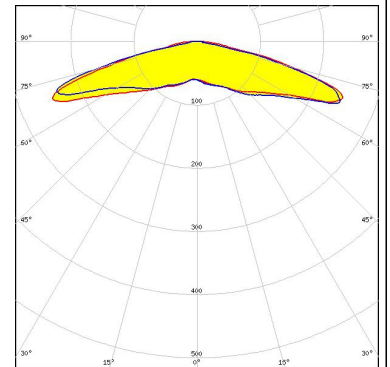
LUMILEDS

LED LUXEON 5050
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.360 cd/lm
Required components:



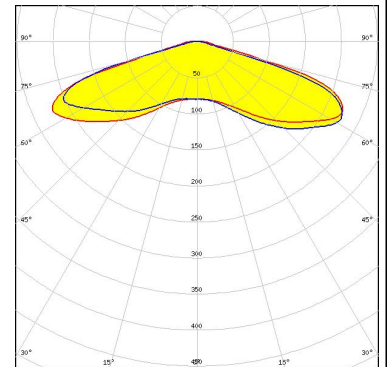
LUMILEDS

LED LUXEON C Colors
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.580 cd/lm
Required components:



LUMILEDS

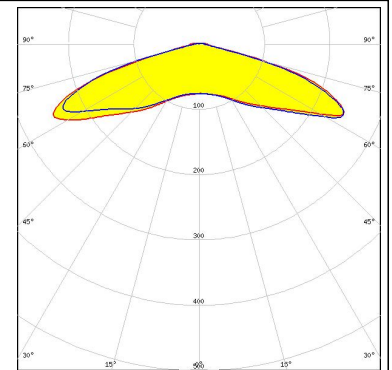
LED LUXEON V
FWHM 151.0°
Efficiency 94 %
Peak intensity 0.420 cd/lm
Required components:



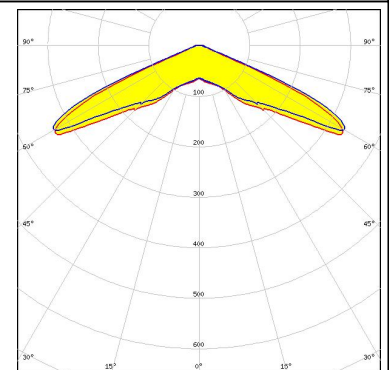
PHOTOMETRIC DATA (MEASURED):



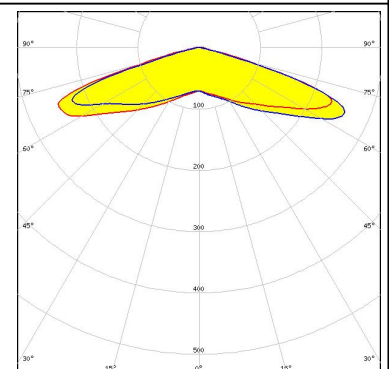
LED NVSW3x9A
FWHM 152.0°
Efficiency 94 %
Peak intensity 0.470 cd/lm
Required components:



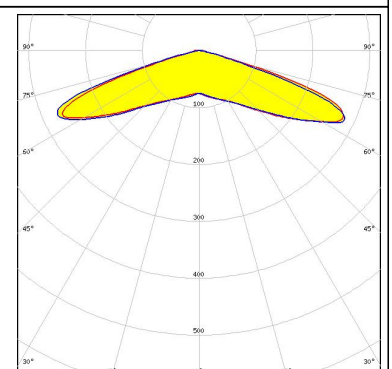
LED NVSxE21A
FWHM 134.0°
Efficiency 94 %
Peak intensity 0.690 cd/lm
Required components:



LED Oslon Square Gen3
FWHM 148.0°
Efficiency 94 %
Peak intensity 0.540 cd/lm
Required components:



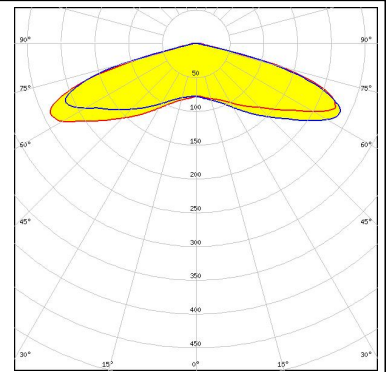
LED Fortimo FastFlex LED board 2x8 DA G4
FWHM 146.0°
Efficiency 94 %
Peak intensity 0.510 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

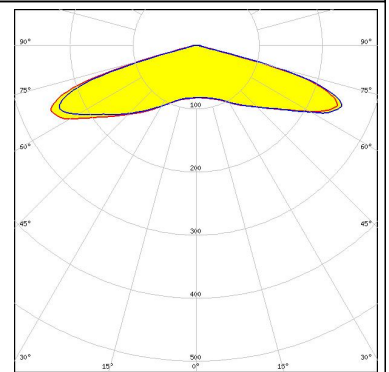
SAMSUNG

LED LH351B
FWHM 153.0°
Efficiency 94 %
Peak intensity 0.450 cd/lm
Required components:



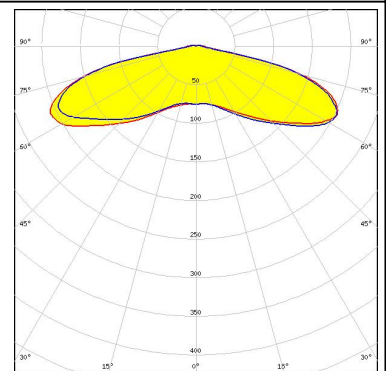
SAMSUNG

LED LH351C
FWHM 149.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:



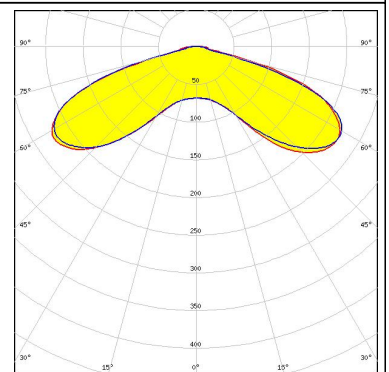
SAMSUNG

LED LH351D
FWHM 156.0°
Efficiency 94 %
Peak intensity 0.370 cd/lm
Required components:


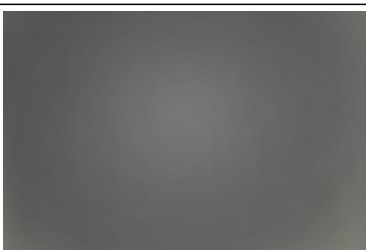
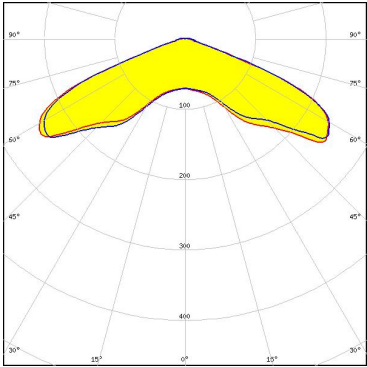

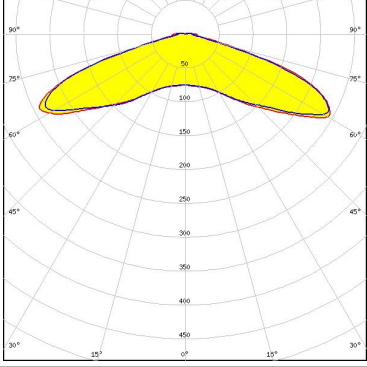
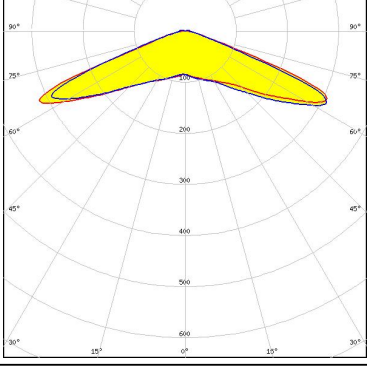
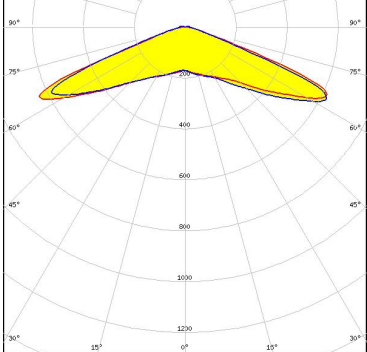


SAMSUNG

LED LH508A
FWHM 146.0°
Efficiency 94 %
Peak intensity 0.360 cd/lm
Required components:



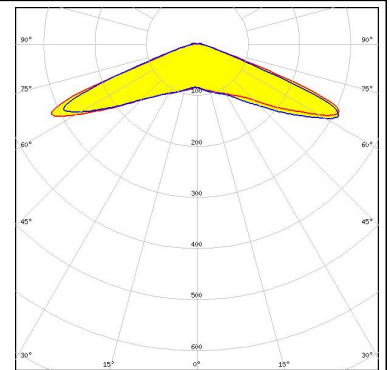
PHOTOMETRIC DATA (MEASURED):

| | | |
|---|--|---|
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM 141.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.500 cd/lm</p> <p>Required components:</p> |  |  |
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM 146.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.490 cd/lm</p> <p>Required components:</p> | |  |
| <p>TRIDONIC</p> <p>LED RLE G1 49x121mm 2000lm xxx EXC OTD</p> <p>FWHM 139.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.500 cd/lm</p> <p>Required components:</p> | |  |
| <p>TRIDONIC</p> <p>LED RLE G1 49x133mm 2000lm xxx EXC OTD</p> <p>FWHM 139.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.500 cd/lm</p> <p>Required components:</p> | |  |

PHOTOMETRIC DATA (MEASURED):

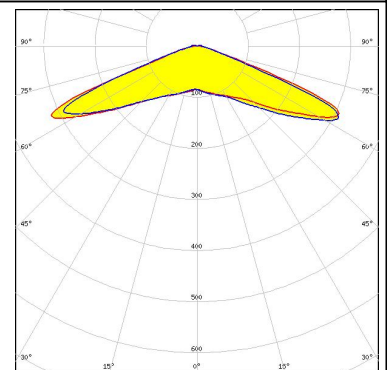
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM 139.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:



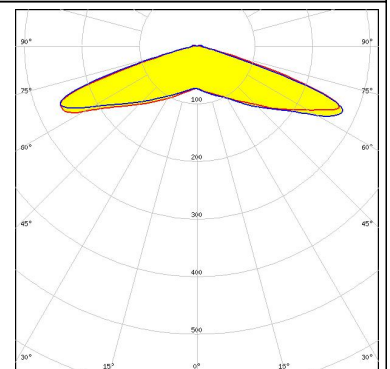
TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM 139.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:



TRIDONIC

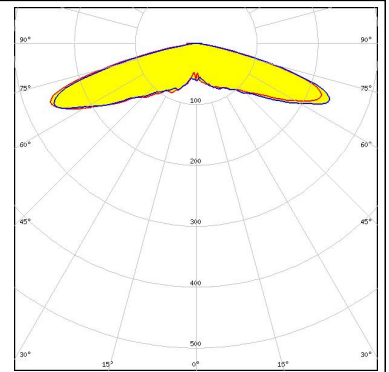
LED RLE G2 HP 2x8 4000lm
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.600 cd/lm
Required components:



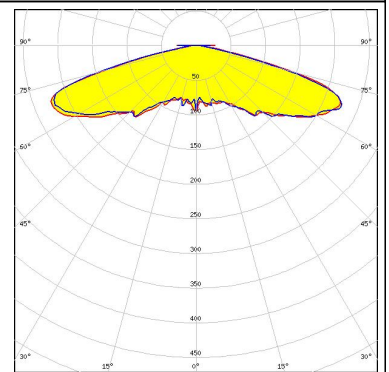
PHOTOMETRIC DATA (SIMULATED):



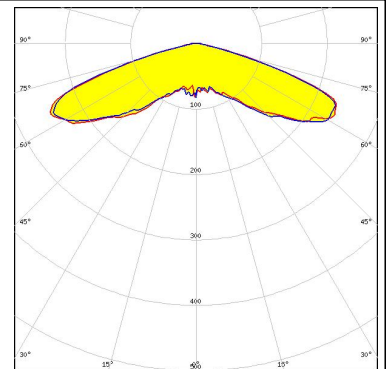
LED XP-G2
FWHM 150.0°
Efficiency 93 %
Peak intensity 0.430 cd/lm
Required components:



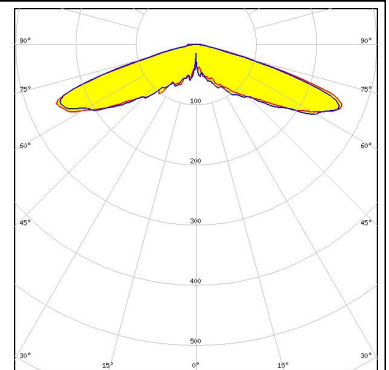
LED XP-L2
FWHM 151.0°
Efficiency 94 %
Peak intensity 0.350 cd/lm
Required components:



LED LUXEON MZ
FWHM 146.0°
Efficiency 94 %
Peak intensity 0.410 cd/lm
Required components:



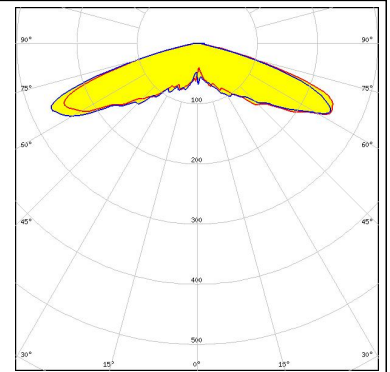
LED NVSxx19B/NVSxx19C
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.450 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM

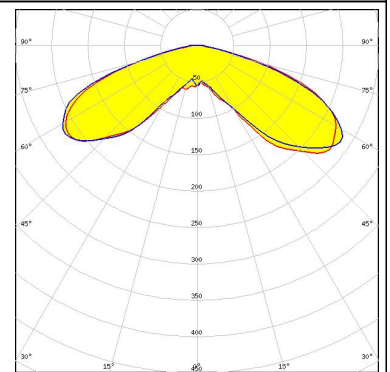
LED PrevaLED Brick DC 2x8
FWHM 146.0°
Efficiency 93 %
Peak intensity 1.600 cd/lm
Required components:



OSRAM

Osram Semiconductors

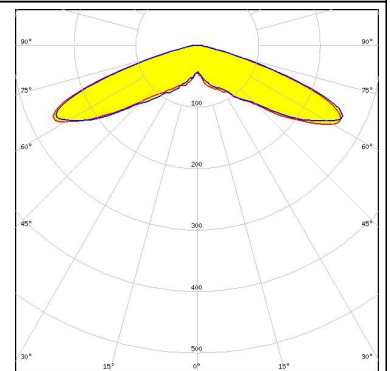
LED Duris S8
FWHM 144.0°
Efficiency 94 %
Peak intensity 0.350 cd/lm
Required components:



OSRAM

Osram Semiconductors

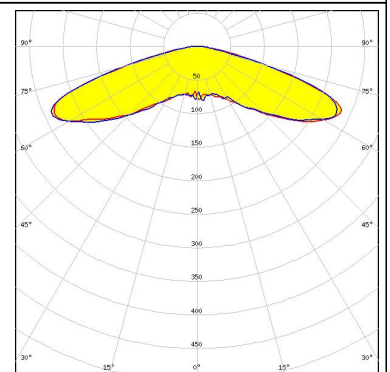
LED OSCONIQ P 3737 (2W version)
FWHM 144.0°
Efficiency 93 %
Peak intensity 0.440 cd/lm
Required components:



OSRAM

Osram Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM 148.0°
Efficiency 94 %
Peak intensity 0.370 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

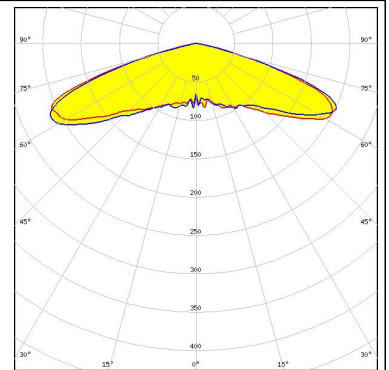
OSRAM

Opto Semiconductors

LED Oslon Square Gen3
 FWHM 146.0°
 Efficiency 79 %
 Peak intensity 0.320 cd/lm

Required components:

Undefined Manufacturer: Protective Plate, Glass

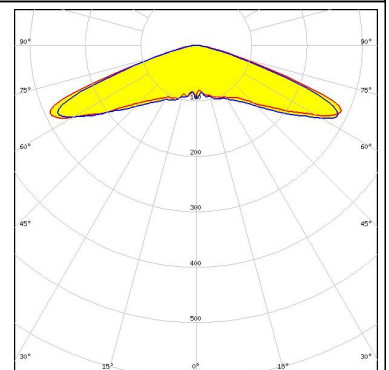


OSRAM

Opto Semiconductors

LED Oslon Square PC
 FWHM 144.0°
 Efficiency 94 %
 Peak intensity 0.400 cd/lm

Required components:

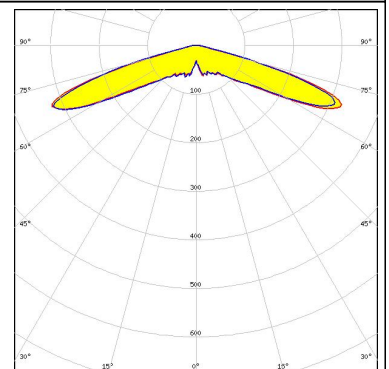


OSRAM

Opto Semiconductors

LED SFH 4714A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.620 cd/lm

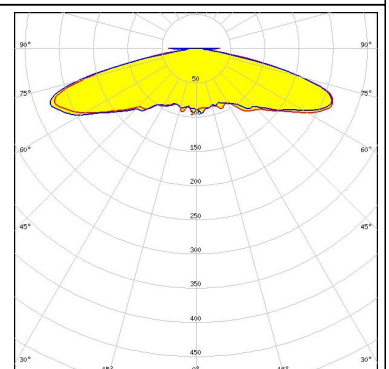
Required components:



PHILIPS

LED Fortimo FastFlex LED board 2x8 DAX G4
 FWHM 154.0°
 Efficiency 94 %
 Peak intensity 0.370 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.

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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Hong Kong, China

Distribution Partners

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