


STRADA-2X2-DWC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III Medium.

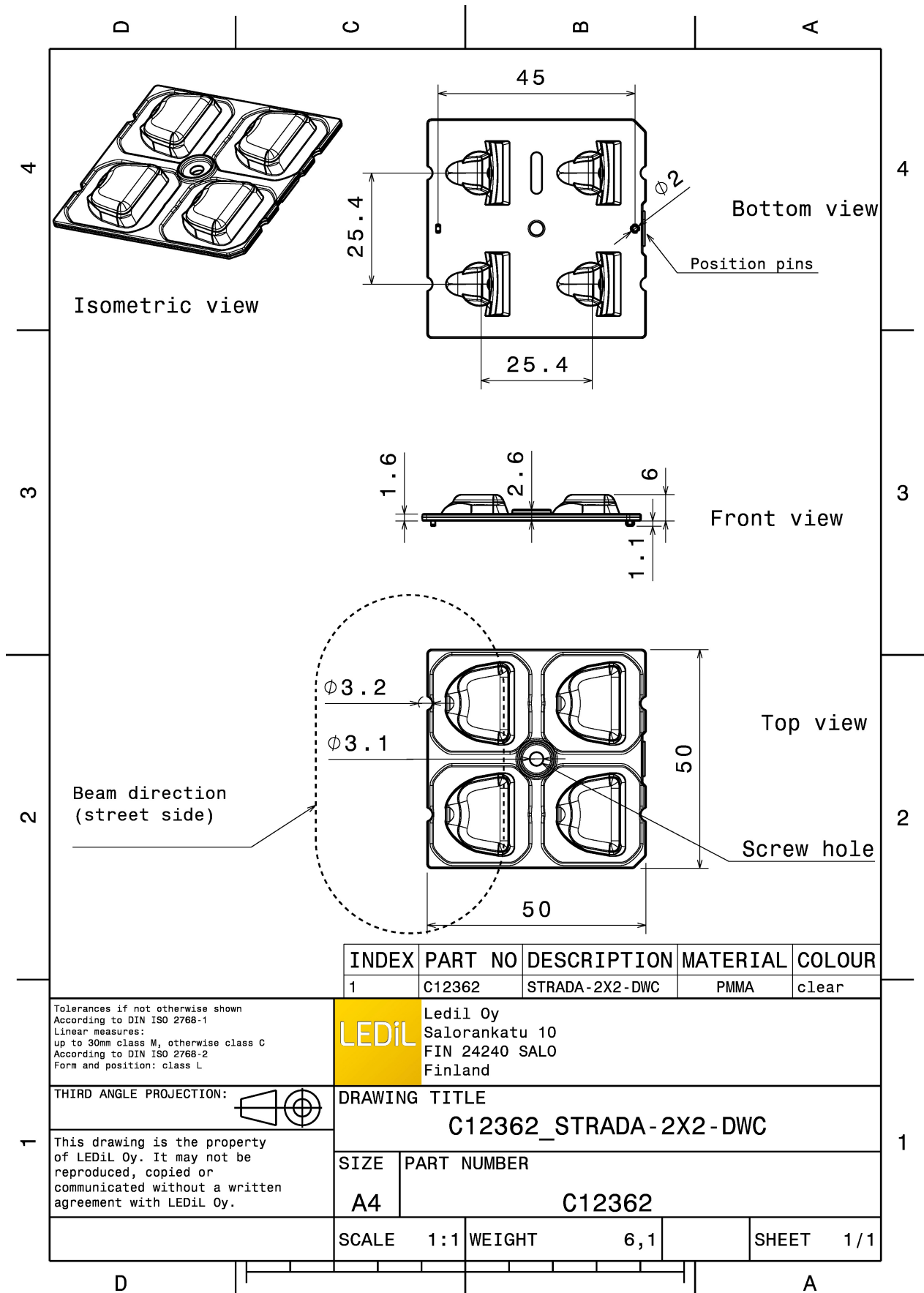
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|---|
| Dimensions | 50x50 mm |
| Height | 6 mm |
| Fastening | glue, pin, screw |
| Colour | clear |
| Box size | 480 x 280 x 300 mm |
| Box weight | 5.8 kg |
| Quantity in Box | 800 pcs |
| ROHS compliant | yes  |



MATERIAL SPECIFICATIONS:

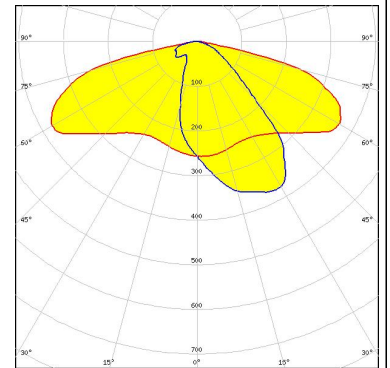
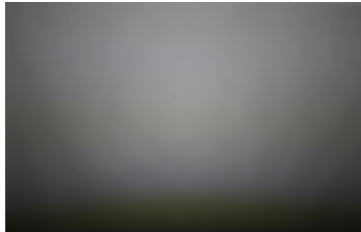
| Component | Type | Material | Colour |
|----------------|------------|----------|--------|
| STRADA-2X2-DWC | Lens array | PMMA | clear |



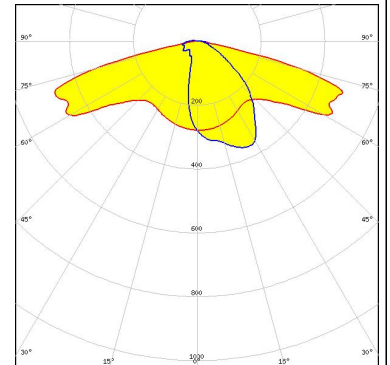
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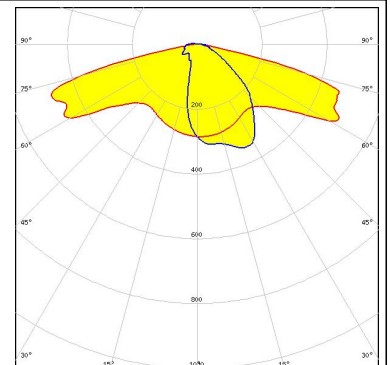
LED SMD 5050
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.460 cd/lm
 Required components:



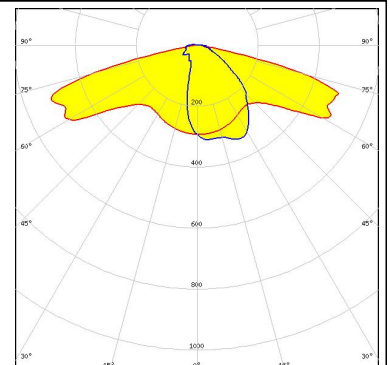
LED QUICK FLUX XTP 2x4 xxx LS G5
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.600 cd/lm
 Required components:



LED QUICK FLUX XTP 2x6 xxx LS G5
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.580 cd/lm
 Required components:



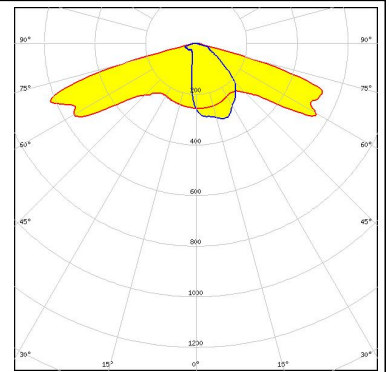
LED QUICK FLUX XTP 2x8 xxx LS G5
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.590 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

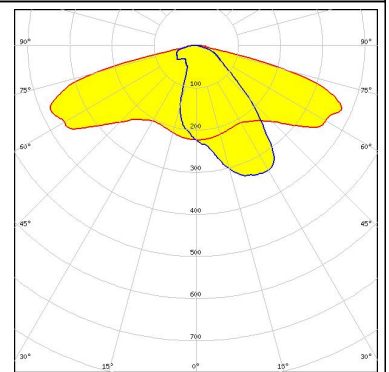
CREE ⇄

LED XD16
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.760 cd/lm
Required components:



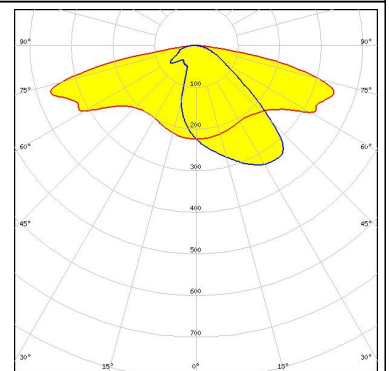
CREE ⇄

LED XD16 2x2 cluster
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.470 cd/lm
Required components:



CREE ⇄

LED XHP35 HD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.440 cd/lm
Required components:



CREE ⇄

LED XM-L
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.410 cd/lm
Required components:

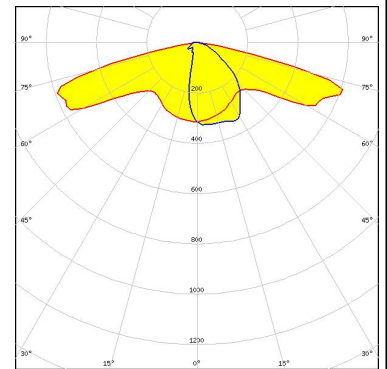
PHOTOMETRIC DATA (MEASURED):

CREE

LED XP-G
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.470 cd/lm
Required components:

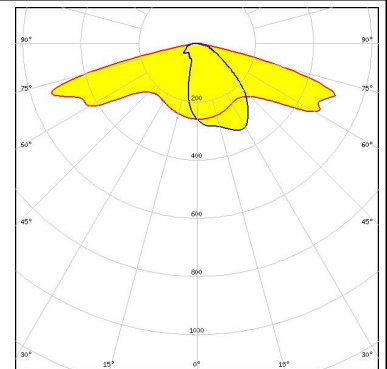
CREE

LED XP-G2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



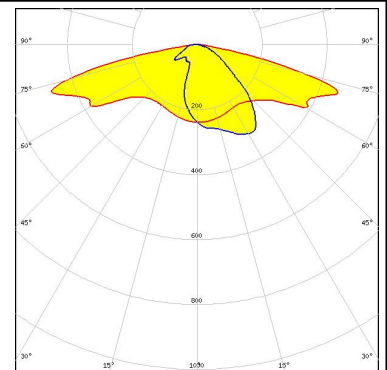
CREE

LED XP-G3
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.600 cd/lm
Required components:



CREE

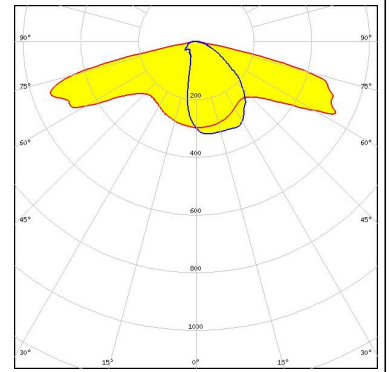
LED XP-L
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.510 cd/lm
Required components:



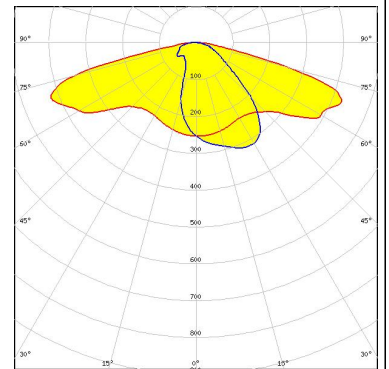
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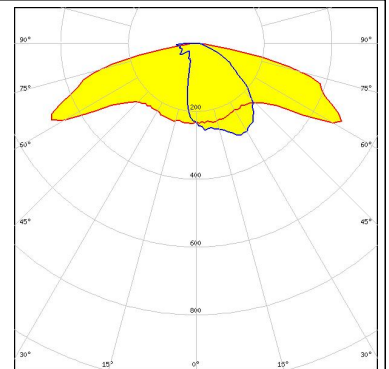
LED XP-L HI
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.610 cd/lm
 Required components:



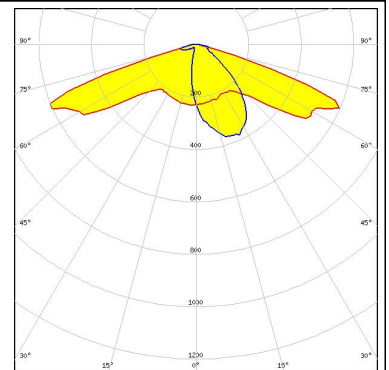
LED XP-L2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.480 cd/lm
 Required components:



LED XT-E
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.490 cd/lm
 Required components:



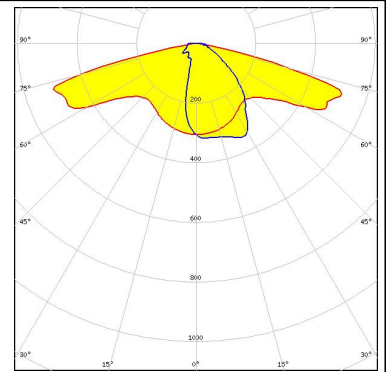
LED XT-E HVW
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

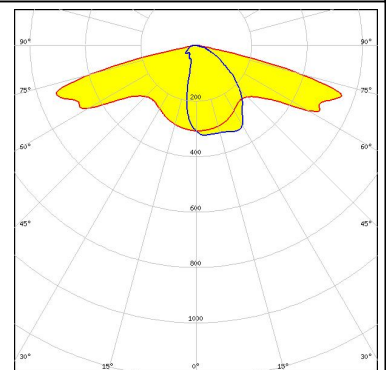
LG Innotek

LED H35C0 (LEMWA33)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:



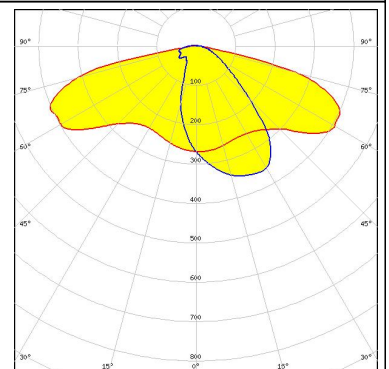
LG Innotek

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



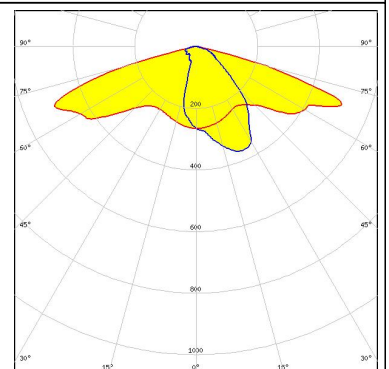
LUMILEDS

LED LUXEON 5050
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.460 cd/lm
Required components:



LUMILEDS

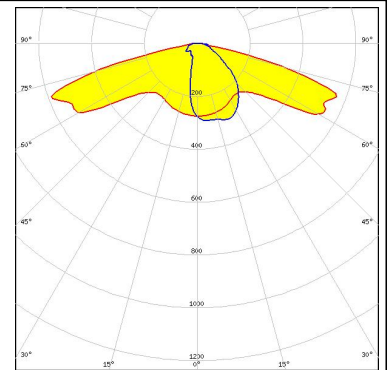
LED LUXEON MZ
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.600 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

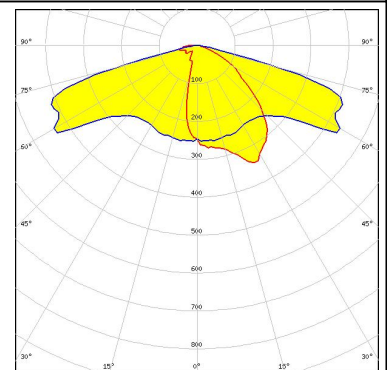
LUMILEDS

LED LUXEON Q
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



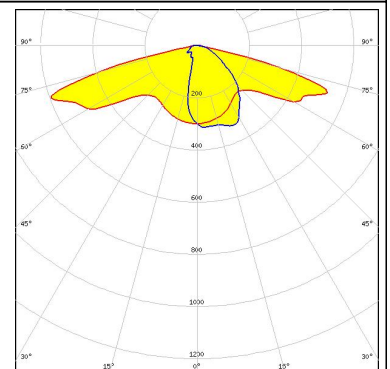
LUMILEDS

LED LUXEON Rebel ES
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.410 cd/lm
Required components:



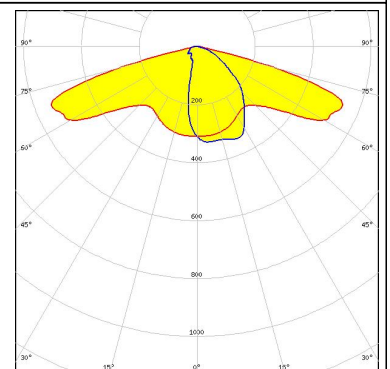
LUMILEDS

LED LUXEON T
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.700 cd/lm
Required components:



LUMILEDS

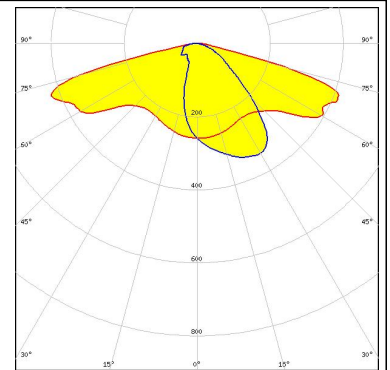
LED LUXEON TX
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.670 cd/lm
Required components:



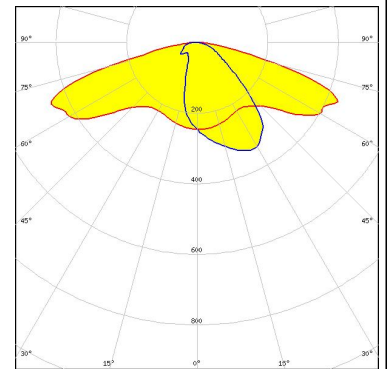
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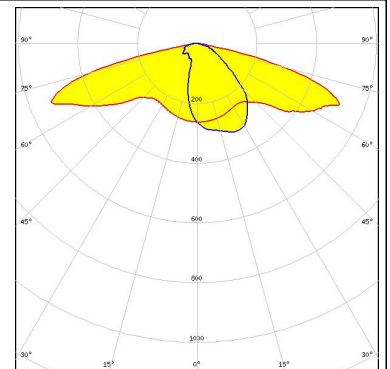
LED LUXEON V
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.490 cd/lm
 Required components:



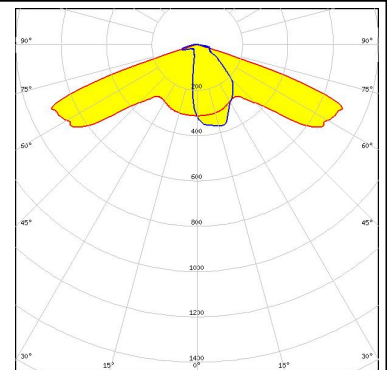
LED NS9x383
 FWHM Asymmetric
 Efficiency 95 %
 Peak intensity 0.490 cd/lm
 Required components:



LED NVSW3x9A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.590 cd/lm
 Required components:



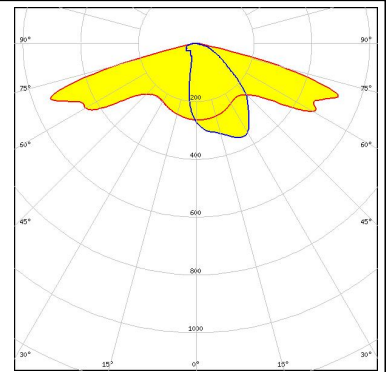
LED NVSxE21A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.870 cd/lm
 Required components:



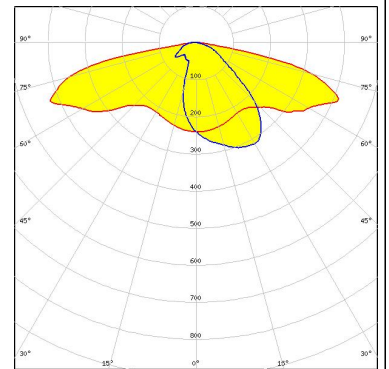
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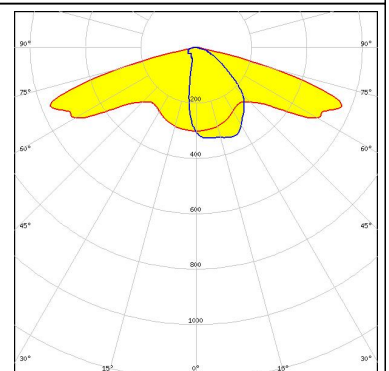
LED NVSxx19B/NVSxx19C
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.650 cd/lm
Required components:



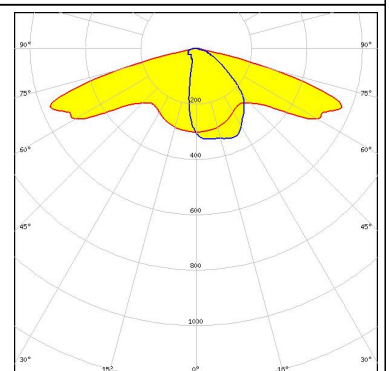
LED NWSx229A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.480 cd/lm
Required components:



LED PrevaLED Brick DC 2x8
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.670 cd/lm
Required components:



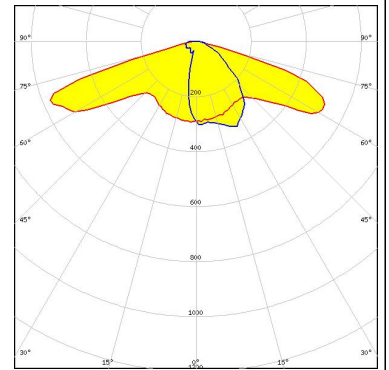
LED Oslon Square Gen3
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.670 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

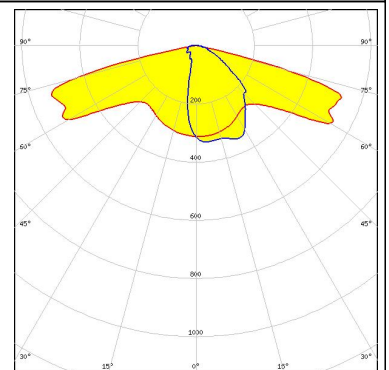
OSRAM
Opto Semiconductors

LED Oslon Square PC
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.600 cd/lm
Required components:



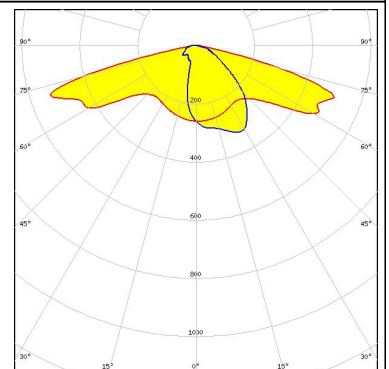
PHILIPS

LED Fortimo FastFlex LED board 2x8 DA G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.640 cd/lm
Required components:



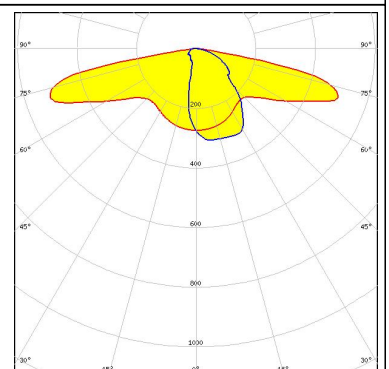
PHILIPS

LED Fortimo FastFlex LED board 2x8 DAX G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.000 cd/lm
Required components:



SAMSUNG

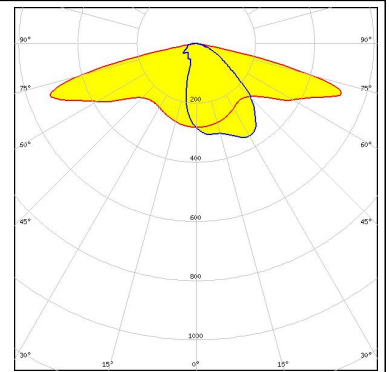
LED LH351B
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.620 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

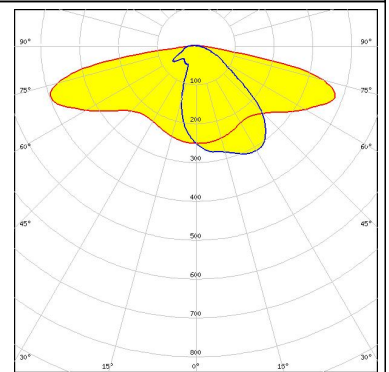
SAMSUNG

LED LH351C
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.600 cd/lm
Required components:



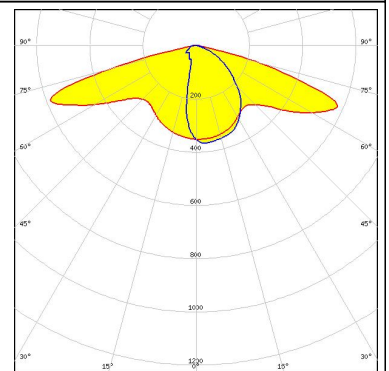
SAMSUNG

LED LH351D
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.450 cd/lm
Required components:



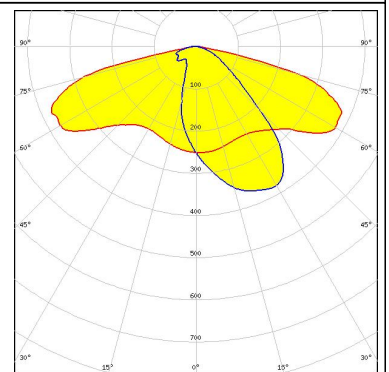
SAMSUNG

LED LH351Z
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.650 cd/lm
Required components:


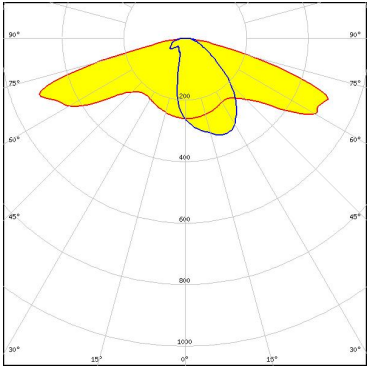


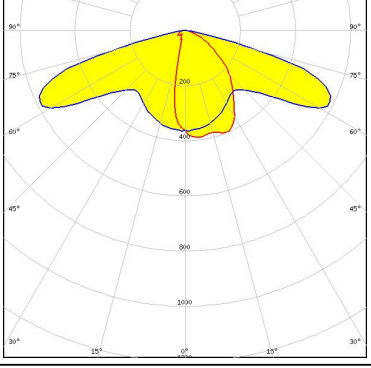

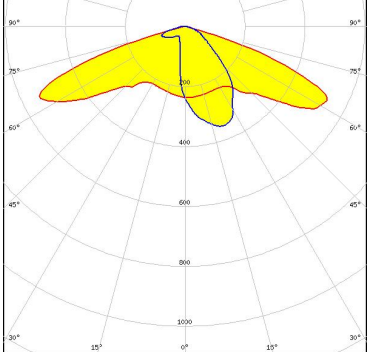


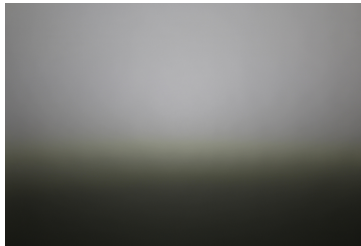
SAMSUNG

LED LH508A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.480 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

| | |
|--|---|
| <p> SEUL SEMICONDUCTOR</p> <p>LED Acrich MJT 4040</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.600 cd/lm</p> <p>Required components:</p> |  |
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z5</p> <p>FWHM Asymmetric</p> <p>Efficiency 93 %</p> <p>Peak intensity cd/lm</p> <p>Required components:</p> | |
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.700 cd/lm</p> <p>Required components:</p> |  |
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.680 cd/lm</p> <p>Required components:</p> |  |



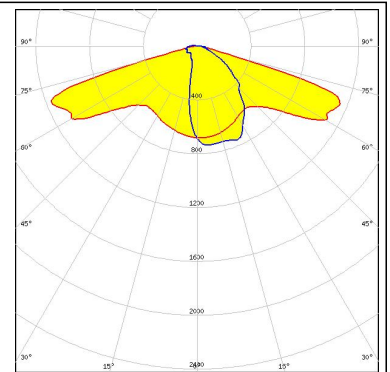
PHOTOMETRIC DATA (MEASURED):

| | |
|--|--|
| <p>SEUL SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM Asymmetric Efficiency 94 % Peak intensity 0.600 cd/lm Required components:</p> | |
| <p>TOSHIBA Leading Innovation >>></p> <p>LED TL1L4 FWHM Asymmetric Efficiency 93 % Peak intensity 0.720 cd/lm Required components:</p> | |
| <p>TRIDONIC</p> <p>LED RLE G1 49x121mm 2000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.700 cd/lm Required components:</p> | |
| <p>TRIDONIC</p> <p>LED RLE G1 49x133mm 2000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.700 cd/lm Required components:</p> | |

PHOTOMETRIC DATA (MEASURED):

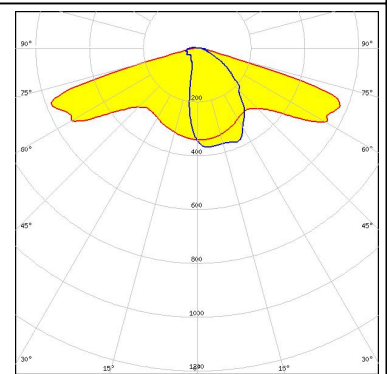
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



TRIDONIC

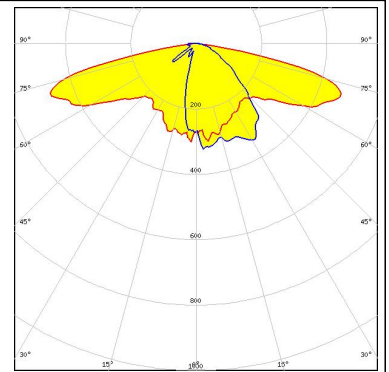
LED RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



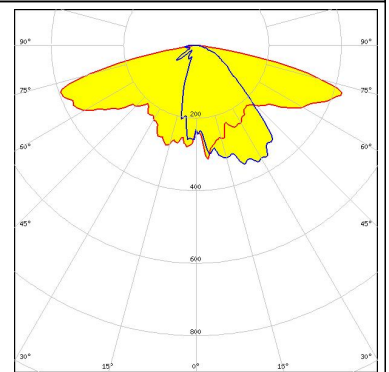
PHOTOMETRIC DATA (SIMULATED):



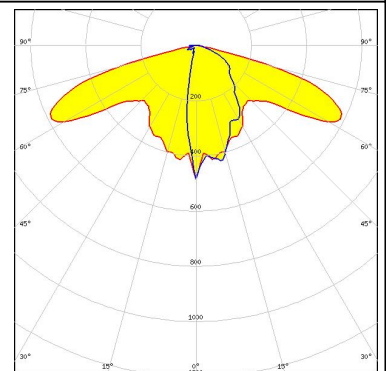
LED XHP35 HI
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.520 cd/lm
 Required components:



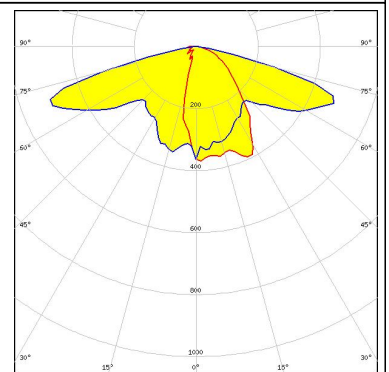
LED XM-L2
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 Required components:



LED XQ-E
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity cd/lm
 Required components:



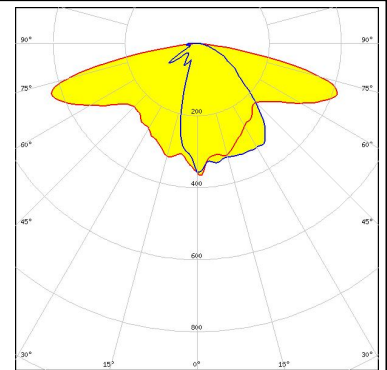
LED LUXEON H50-2
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):



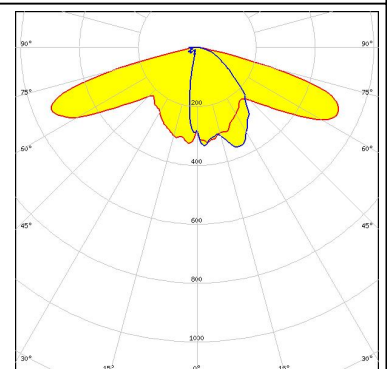
LED NVSW219D
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.480 cd/lm
Required components:



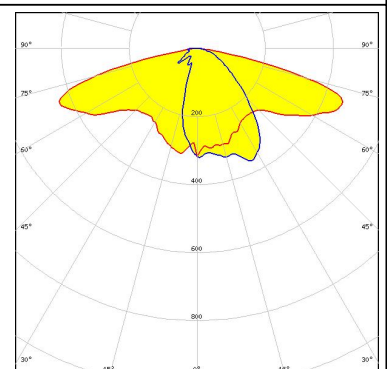
LED Duris S8
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.460 cd/lm
Required components:



LED OSCONIQ P 3737 (2W version)
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.610 cd/lm
Required components:



LED OSCONIQ P 3737 (3W version)
FWHM Asymmetric
Efficiency 93 %
Peak intensity 2.070 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

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LEDiL Oy

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FI-24240 SALO
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LEDiL Inc.

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Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)