

## STRADA-2X2-DN

Beam for area lighting with shorter illumination distances

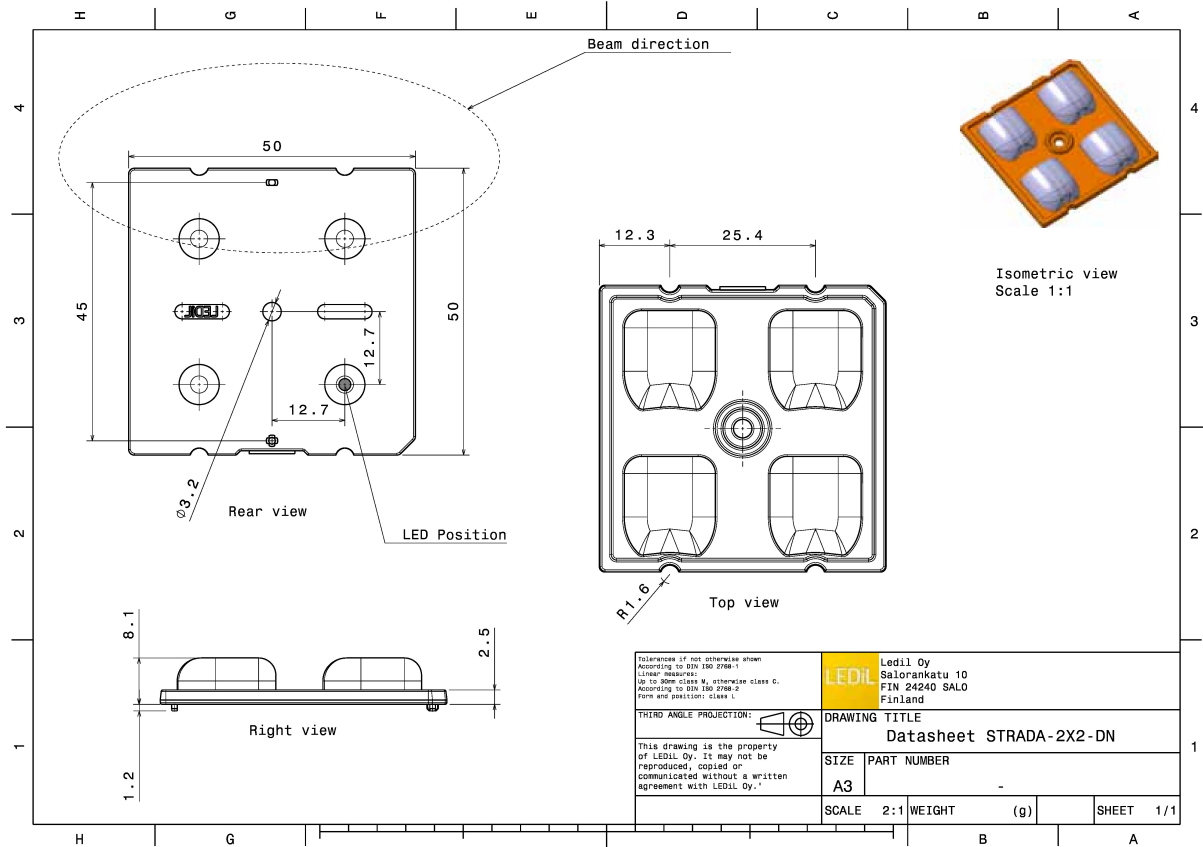
### TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	8.1 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.7 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ


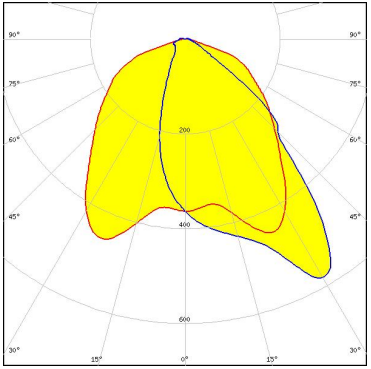

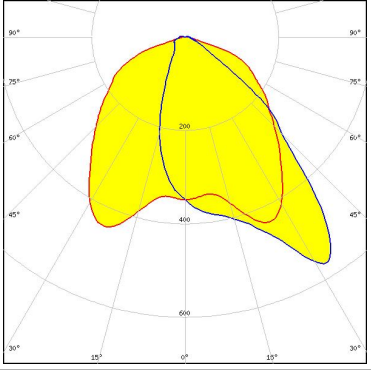

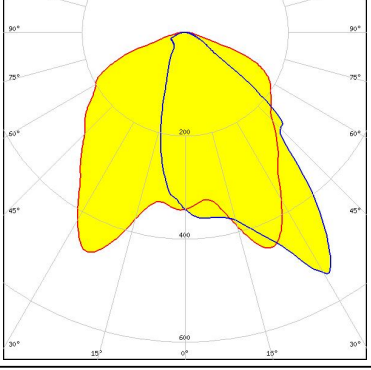

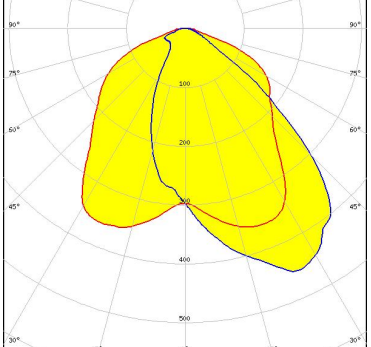


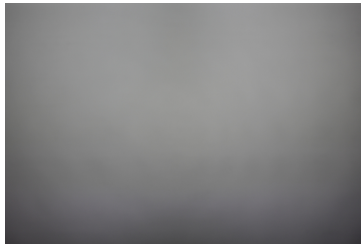
### MATERIAL SPECIFICATIONS:

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



#### PHOTOMETRIC DATA (MEASURED):

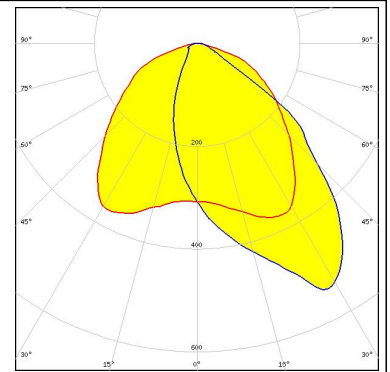
 <p> <b>LED</b> QUICK FLUX XTP 2x4 xxx LS G5  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 94 %  <b>Peak intensity</b> 0.720 cd/lm  <b>Required components:</b> </p>	
 <p> <b>LED</b> QUICK FLUX XTP 2x6 xxx LS G5  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 94 %  <b>Peak intensity</b> 0.700 cd/lm  <b>Required components:</b> </p>	
 <p> <b>LED</b> XD16  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 94 %  <b>Peak intensity</b> 0.730 cd/lm  <b>Required components:</b> </p>	
 <p> <b>LED</b> XD16 2x2 cluster  <b>FWHM</b> Asymmetric  <b>Efficiency</b> 94 %  <b>Peak intensity</b> 0.540 cd/lm  <b>Required components:</b> </p>	



#### PHOTOMETRIC DATA (MEASURED):

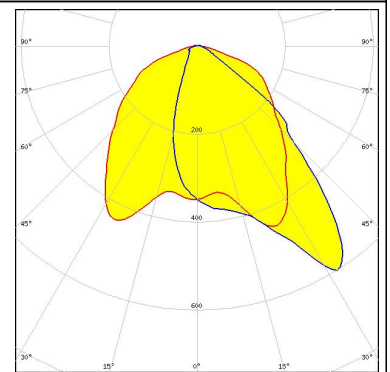
**CREE** ⇄

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



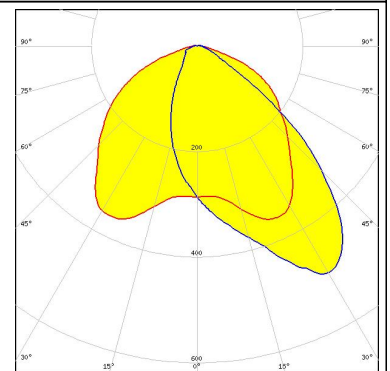
**CREE** ⇄

LED XP-G2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.760 cd/lm  
Required components:



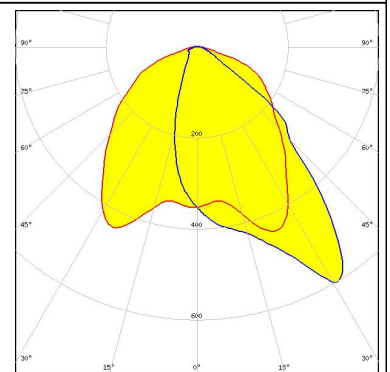
**CREE** ⇄

LED XP-L  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.620 cd/lm  
Required components:



**CREE** ⇄

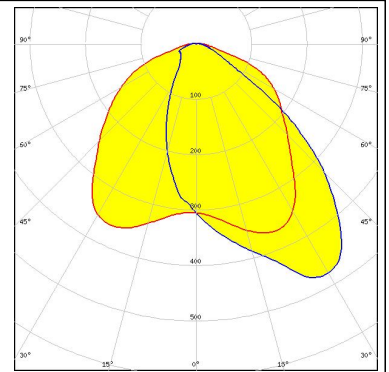
LED XP-L HI  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.760 cd/lm  
Required components:



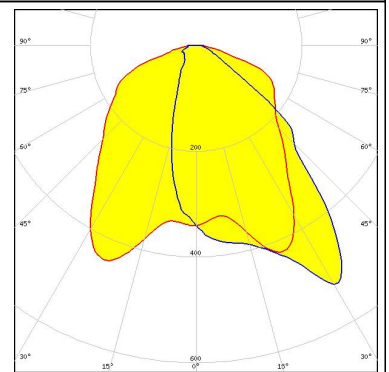
#### PHOTOMETRIC DATA (MEASURED):



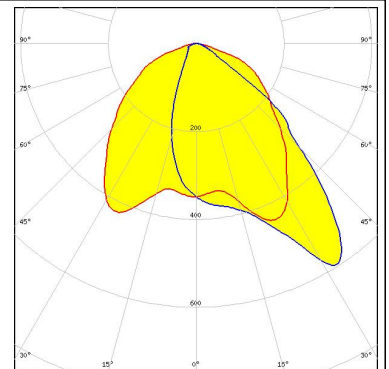
LED XP-L2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.560 cd/lm  
Required components:



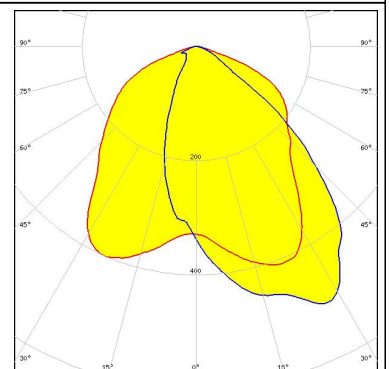
LED XT-E  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.670 cd/lm  
Required components:



LED H35C1 (LEMWA33)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.730 cd/lm  
Required components:



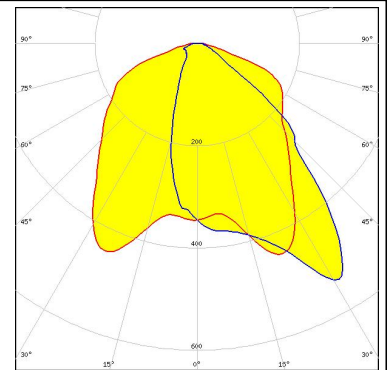
LED LUXEON MZ  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.610 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

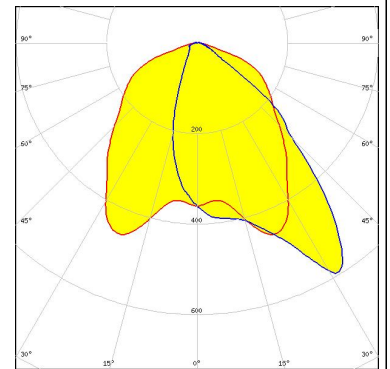
##### LUMILEDS

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



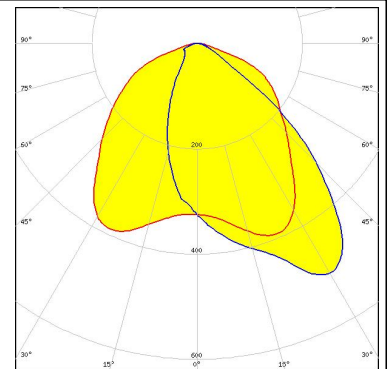
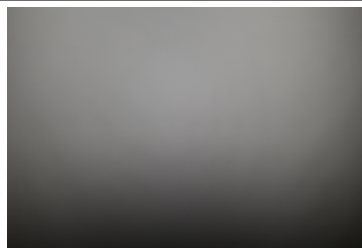
##### LUMILEDS

LED LUXEON TX  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.750 cd/lm  
 Required components:



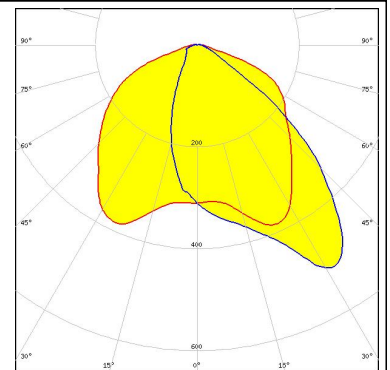
##### LUMILEDS

LED LUXEON V  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.580 cd/lm  
 Required components:



##### NICHIA

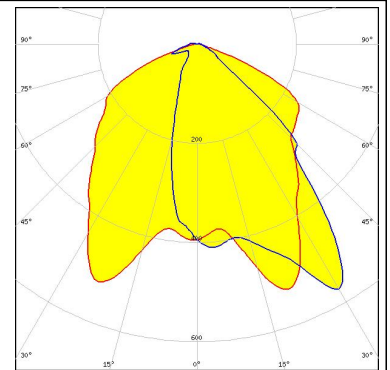
LED NVSW3x9A  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.620 cd/lm  
 Required components:



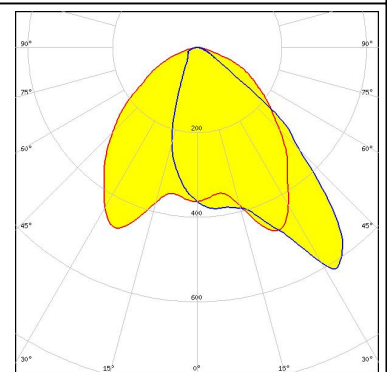
#### PHOTOMETRIC DATA (MEASURED):



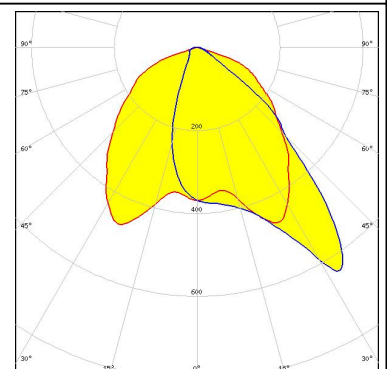
LED NVSxE21A  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
Required components:



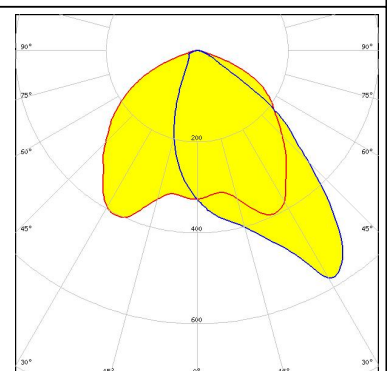
LED Oslon Square PC  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.750 cd/lm  
Required components:



LED Fortimo FastFlex LED board 2x8 DA G4  
FWHM Asymmetric  
Efficiency %  
Peak intensity 0.780 cd/lm  
Required components:


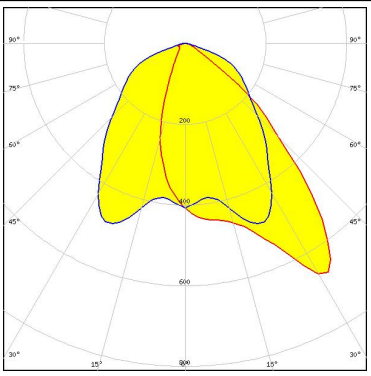

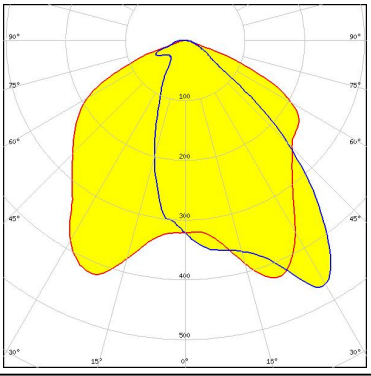

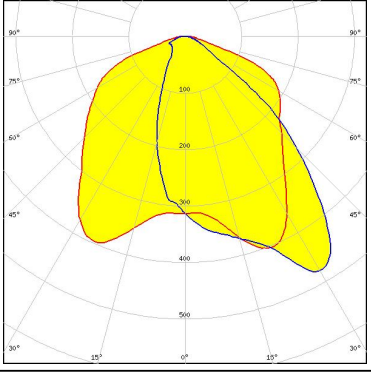

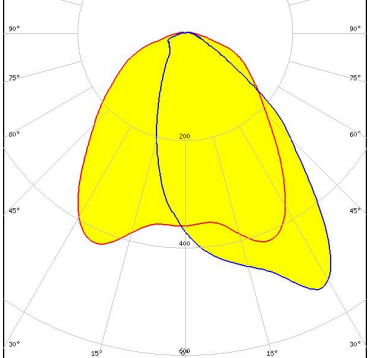


LED LH351B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.720 cd/lm  
Required components:





#### PHOTOMETRIC DATA (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2            FWHM Asymmetric            Efficiency 94 %            Peak intensity 0.800 cd/lm            Required components:</p>	
<p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22            FWHM Asymmetric            Efficiency 94 %            Peak intensity 0.560 cd/lm            Required components:</p>	
<p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22P            FWHM Asymmetric            Efficiency 94 %            Peak intensity 0.580 cd/lm            Required components:</p>	
<p> <b>TOSHIBA</b>            Leading Innovation &gt;&gt;&gt;</p> <p>LED TL1L3            FWHM Asymmetric            Efficiency 94 %            Peak intensity 0.640 cd/lm            Required components:</p>	

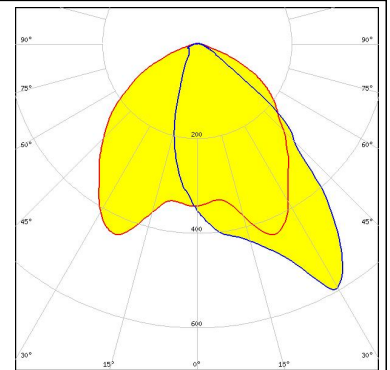


#### PHOTOMETRIC DATA (MEASURED):

#### TOSHIBA

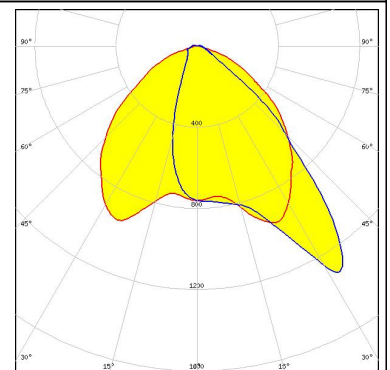
Leading Innovation >>>

LED TL1L4  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.720 cd/lm  
Required components:



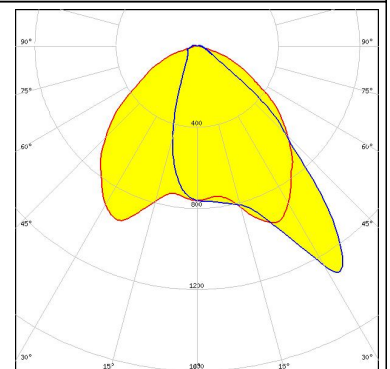
#### TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.790 cd/lm  
Required components:



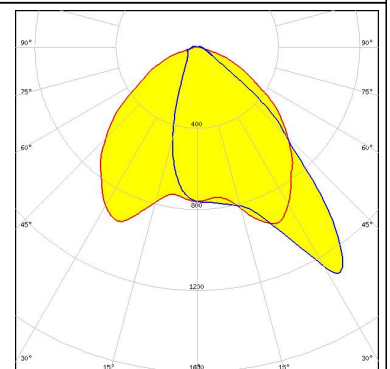
#### TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.790 cd/lm  
Required components:



#### TRIDONIC

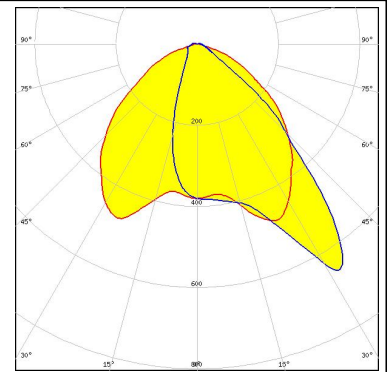
LED RLE G1 49x223mm 4000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.790 cd/lm  
Required components:



## PHOTOMETRIC DATA (MEASURED):

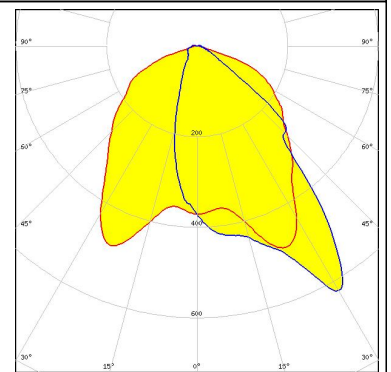
### TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.790 cd/lm  
Required components:



### TRIDONIC

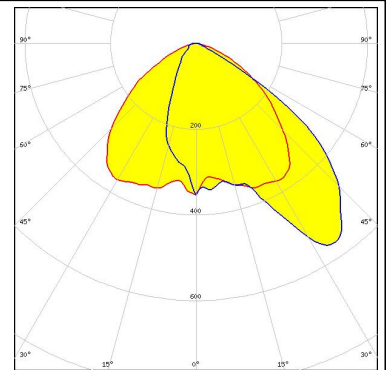
LED RLE G2 HP 2x8 4000lm  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.800 cd/lm  
Required components:



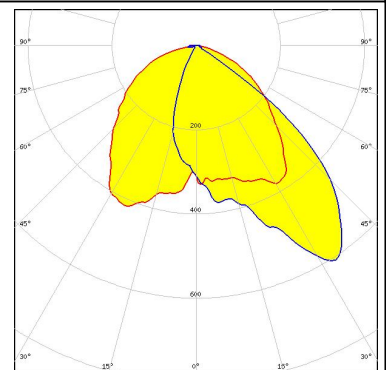
#### PHOTOMETRIC DATA (SIMULATED):



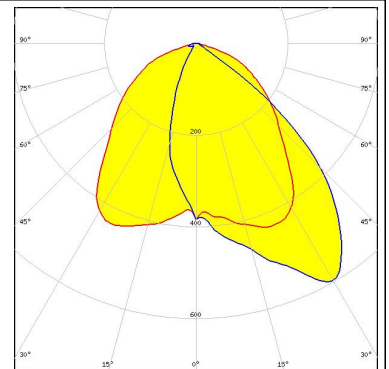
LED XHP35 HD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.630 cd/lm  
Required components:



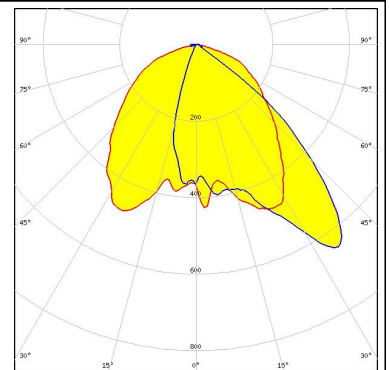
LED XM-L2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity cd/lm  
Required components:



LED LUXEON 5050  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.610 cd/lm  
Required components:



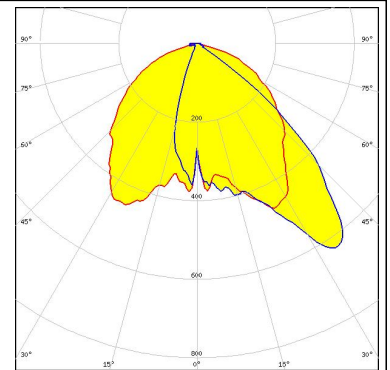
LED LUXEON T  
FWHM Asymmetric  
Efficiency %  
Peak intensity cd/lm  
Required components:



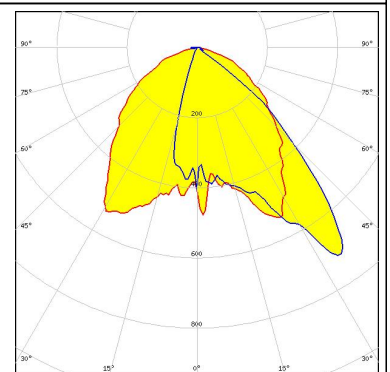
#### PHOTOMETRIC DATA (SIMULATED):



LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.718 cd/lm  
Required components:



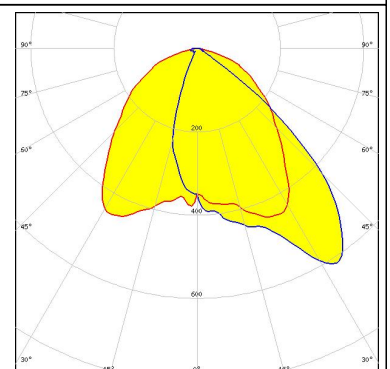
LED PrevaLED Brick DC 2x8  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.800 cd/lm  
Required components:



LED Duris S8  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.640 cd/lm  
Required components:



LED OSCONIQ P 3737 (3W version)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.670 cd/lm  
Required components:

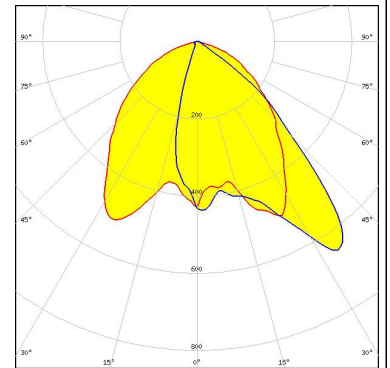


#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

LED Oslon Square Gen3  
FWHM Asymmetric  
Efficiency 87 %  
Peak intensity 0.750 cd/lm  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



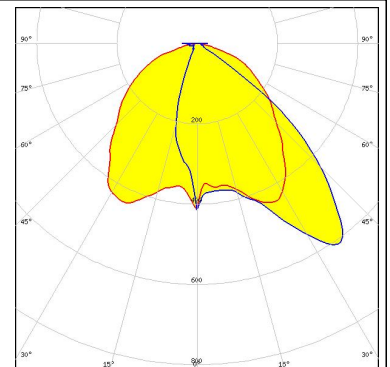
#### OSRAM

Opto Semiconductors

LED Oslon Square Gen3  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.800 cd/lm  
Required components:

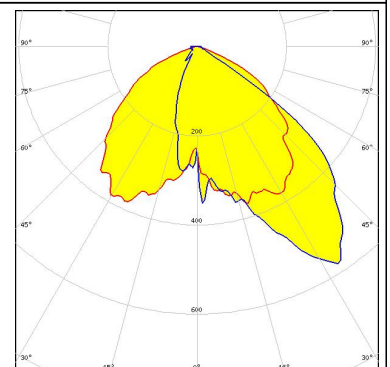
#### PHILIPS

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



#### SAMSUNG

LED LH351D  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.000 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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#### LEDiL Inc.

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#### Local sales and technical support

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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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