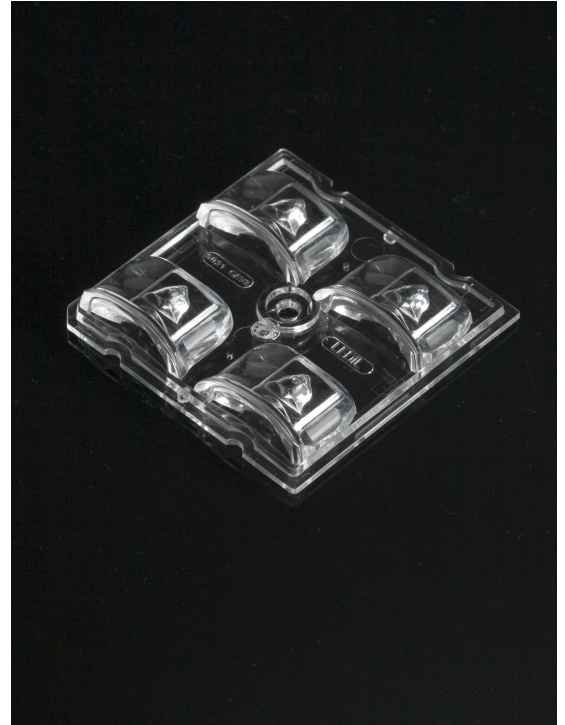


## STRADA-2X2-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

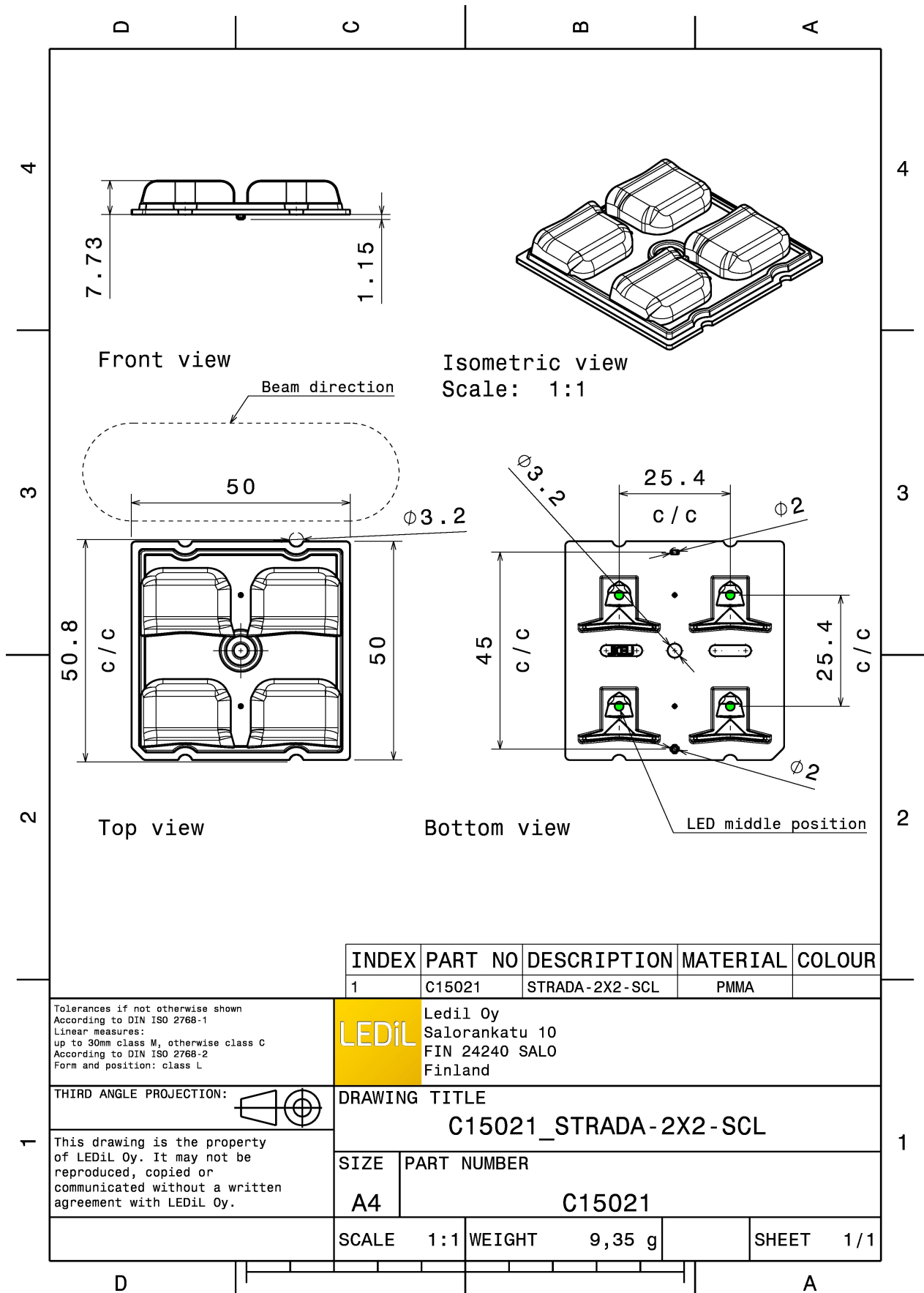
### TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	7.8 mm
Fastening	screw, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

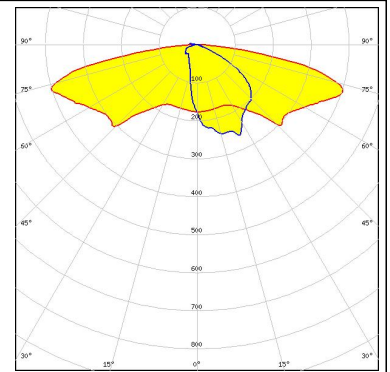
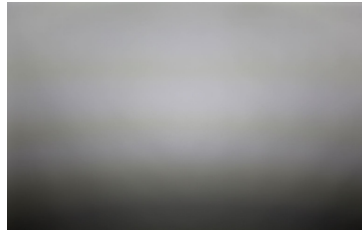
Component	Type	Material	Colour
STRADA-2X2-SCL	Lens	PMMA	clear



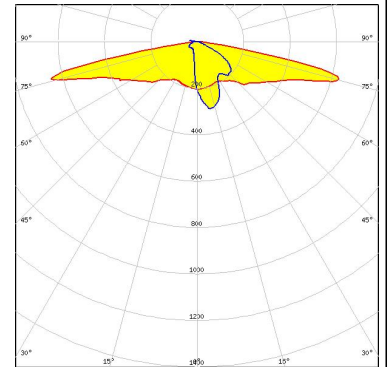
#### PHOTOMETRIC DATA (MEASURED):



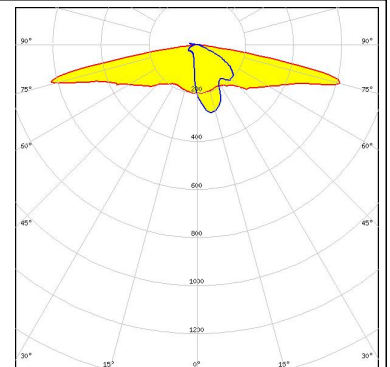
LED SMD 5050  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.630 cd/lm  
 Required components:



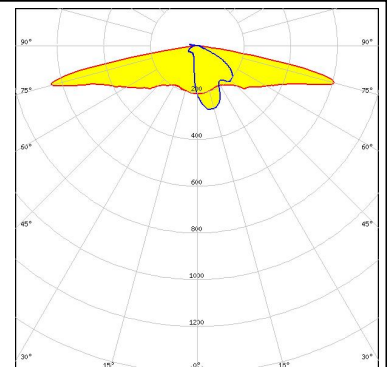
LED QUICK FLUX XTP 2x4 xxx LS G5  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.000 cd/lm  
 Required components:



LED QUICK FLUX XTP 2x6 xxx LS G5  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.000 cd/lm  
 Required components:



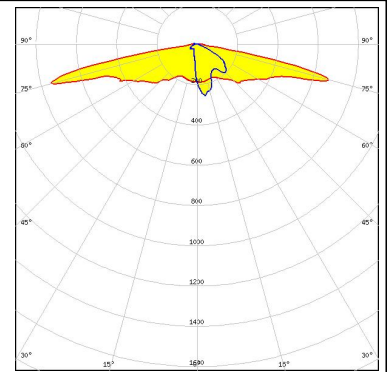
LED QUICK FLUX XTP 2x8 xxx LS G5  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.000 cd/lm  
 Required components:



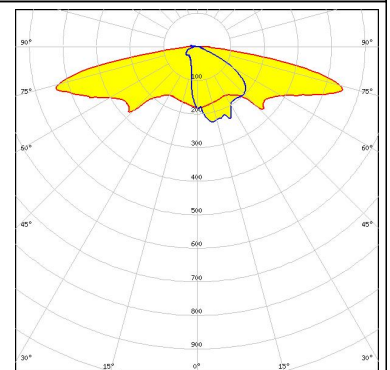
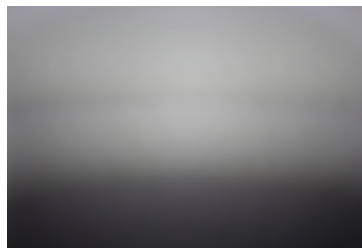
#### PHOTOMETRIC DATA (MEASURED):



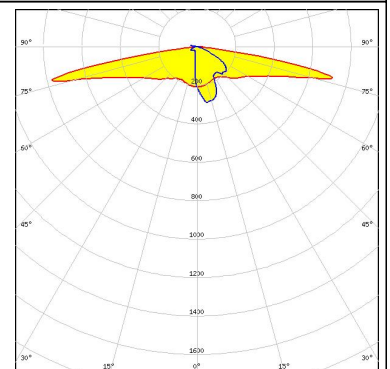
LED XD16  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



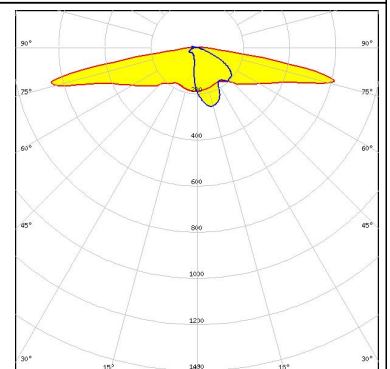
LED XD16 2x2 cluster  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.750 cd/lm  
Required components:



LED XP-G2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
Required components:



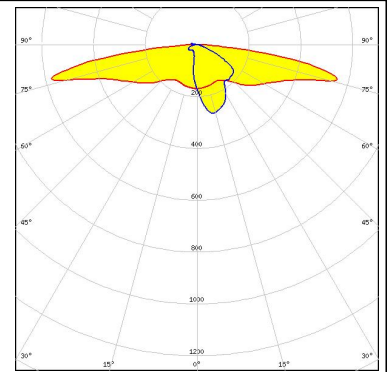
LED XP-G3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.970 cd/lm  
Required components:



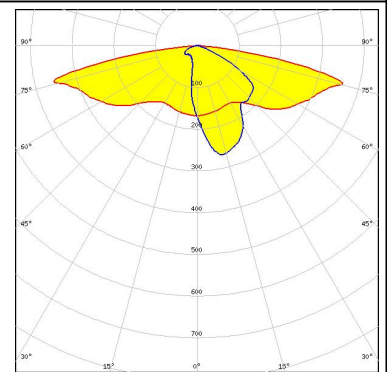
#### PHOTOMETRIC DATA (MEASURED):



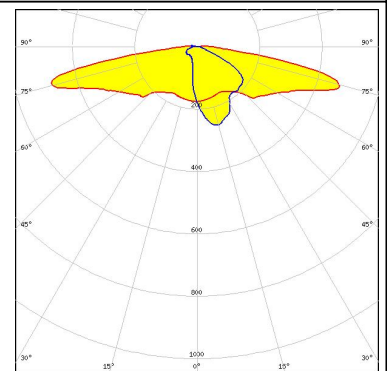
LED XP-L  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.900 cd/lm  
 Required components:



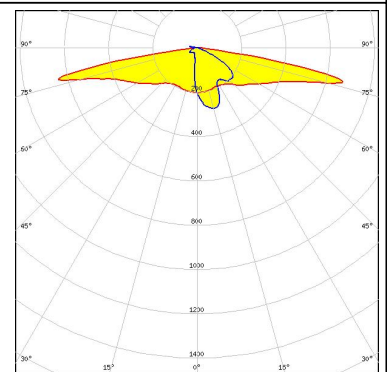
LED XP-L  
 FWHM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.550 cd/lm  
 Required components:  
 Undefined Manufacturer: Protective Plate, Glass



LED XP-L2  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.750 cd/lm  
 Required components:



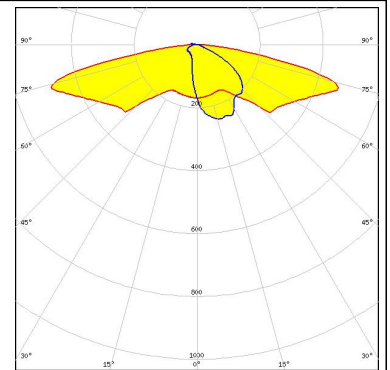
LED H35C1 (LEMWA33)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.100 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

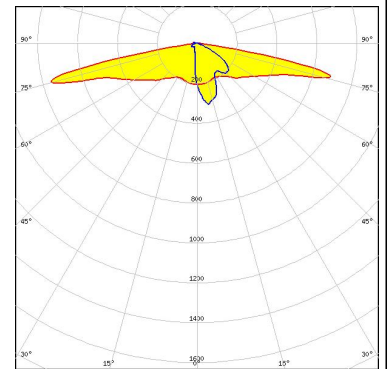
##### LUMILEDS

LED LUXEON 5050  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.660 cd/lm  
 Required components:



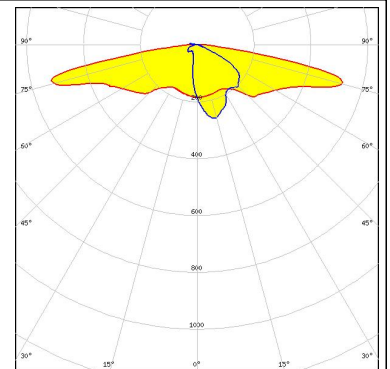
##### LUMILEDS

LED LUXEON TX  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.040 cd/lm  
 Required components:



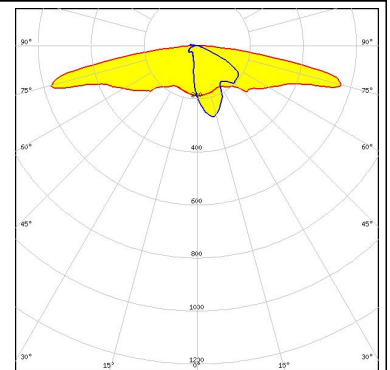
##### LUMILEDS

LED LUXEON V  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.800 cd/lm  
 Required components:



##### NICHIA

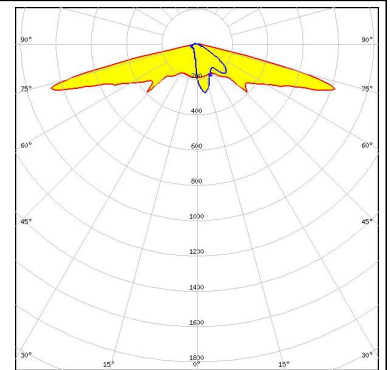
LED NVSW3x9A  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.930 cd/lm  
 Required components:



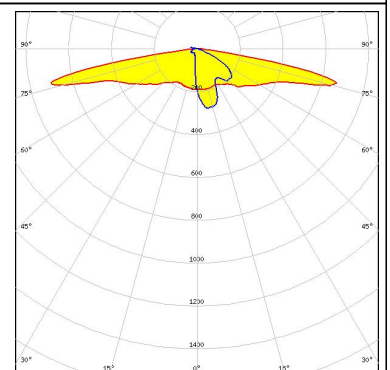
#### PHOTOMETRIC DATA (MEASURED):



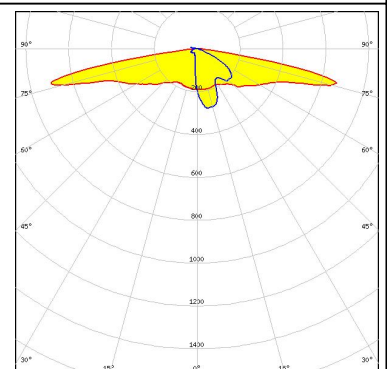
LED NVSxE21A  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.380 cd/lm  
Required components:



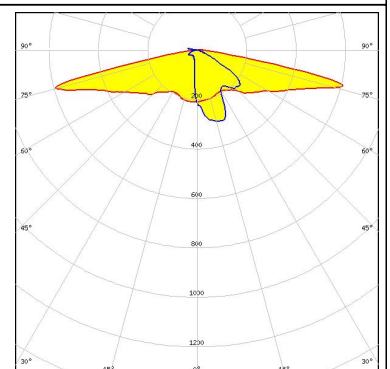
LED PrevaLED Brick DC 2x8  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



LED Oslon Square Gen3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



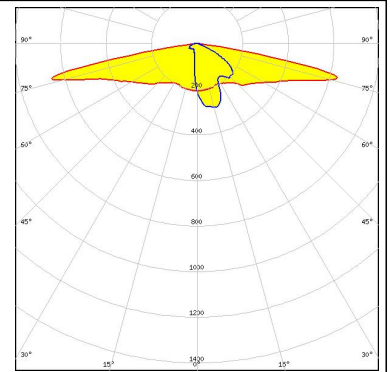
LED Oslon Square PC  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

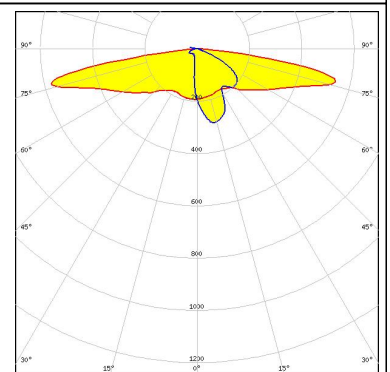
### PHILIPS

LED Fortimo FastFlex LED board 2x8 DA G4  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
Required components:



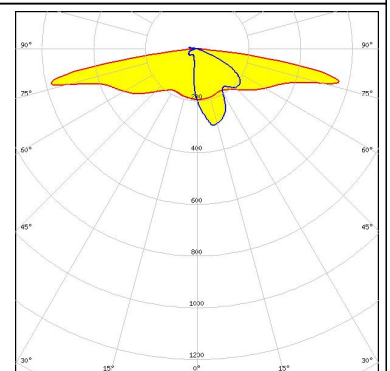
### SAMSUNG

LED LH351B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.860 cd/lm  
Required components:



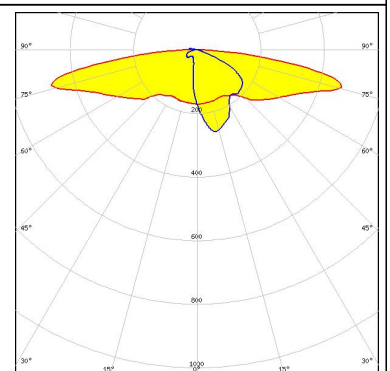
### SAMSUNG

LED LH351C  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



### SAMSUNG

LED LH351D  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.740 cd/lm  
Required components:

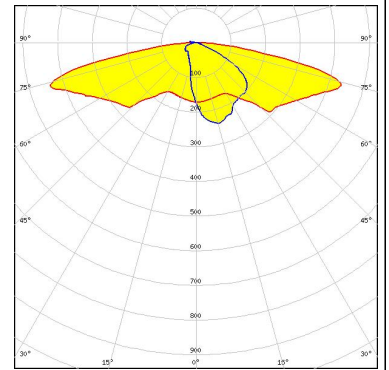




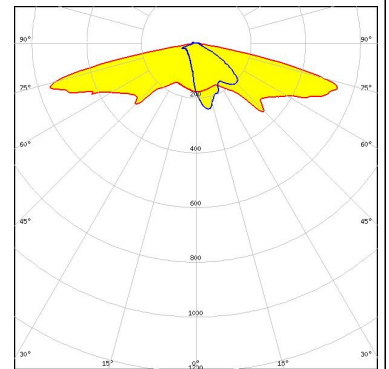
**PHOTOMETRIC DATA (MEASURED):**

## SAMSUNG

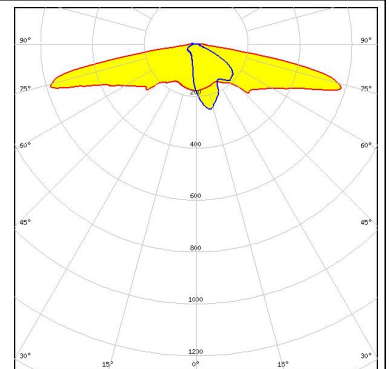
LED LH508A  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.700 cd/lm  
Required components:



LED Z8Y22  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.870 cd/lm  
Required components:

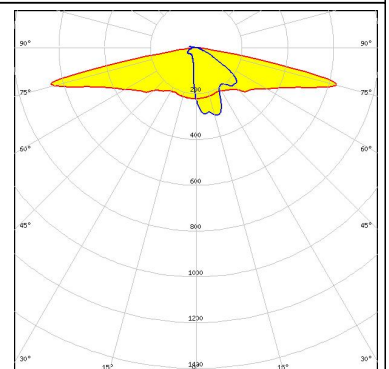


LED Z8Y22P  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.960 cd/lm  
Required components:



## TRIDONIC

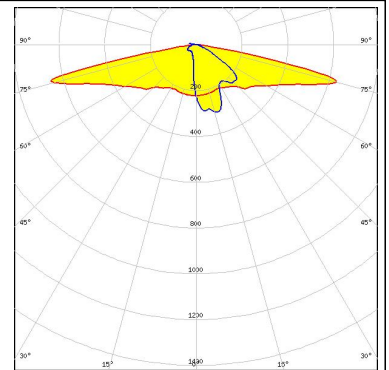
LED RLE G1 49x121mm 2000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

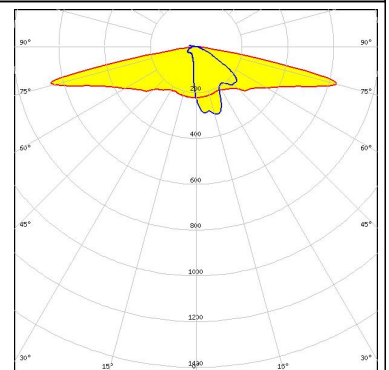
#### TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



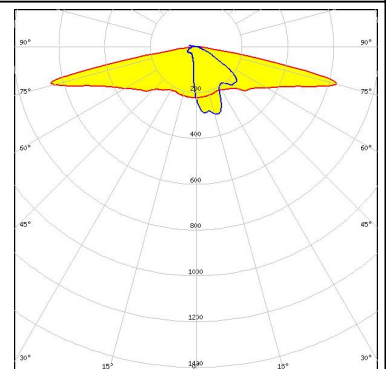
#### TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



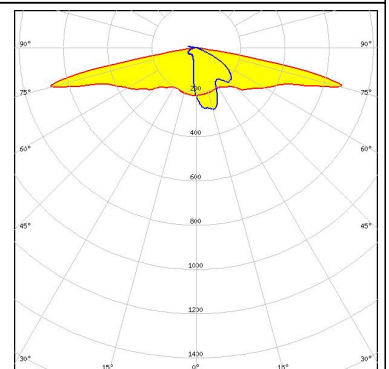
#### TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



#### TRIDONIC

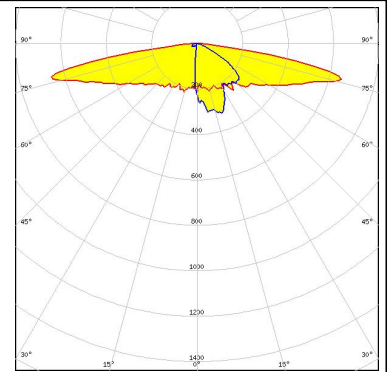
LED RLE G2 HP 2x8 4000lm  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
Required components:



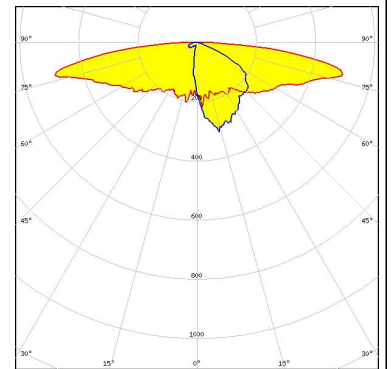
#### PHOTOMETRIC DATA (SIMULATED):



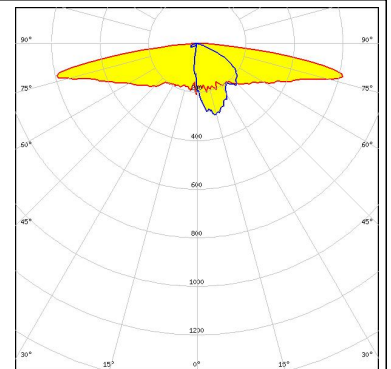
LED XB-H  
 FWHM Asymmetric  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



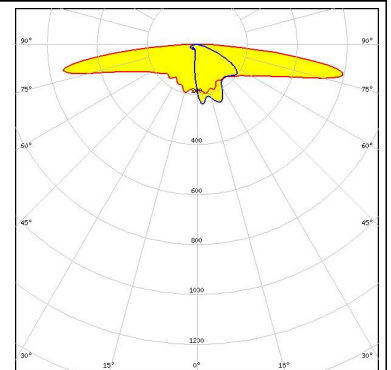
LED XHP35 HD  
 FWHM Asymmetric  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



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



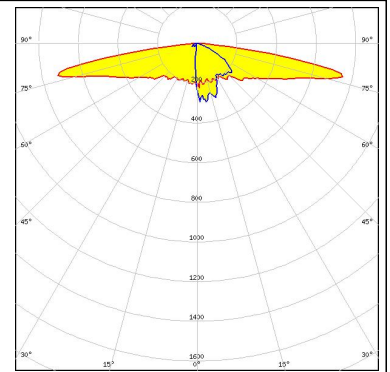
LED XP-E2  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.660 cd/lm  
 Required components:



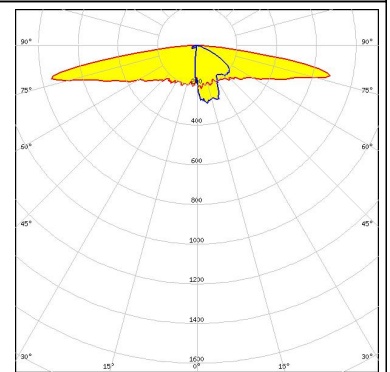
#### PHOTOMETRIC DATA (SIMULATED):



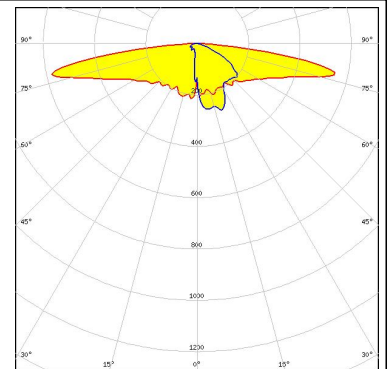
LED XP-L HI  
 FWHM Asymmetric  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



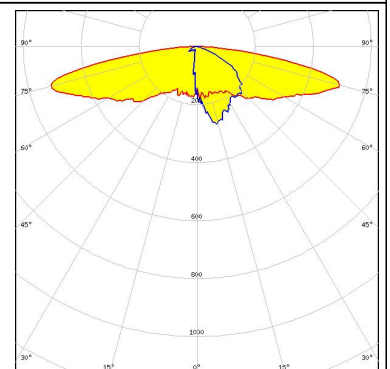
LED XT-E  
 FWHM Asymmetric  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



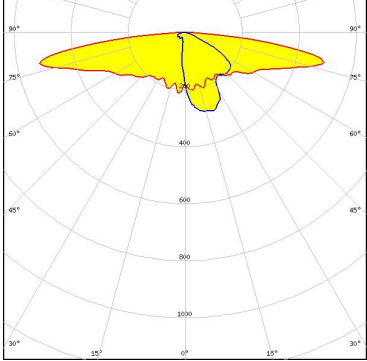
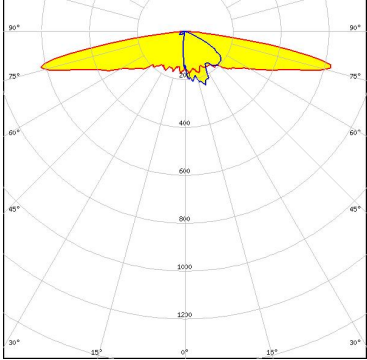
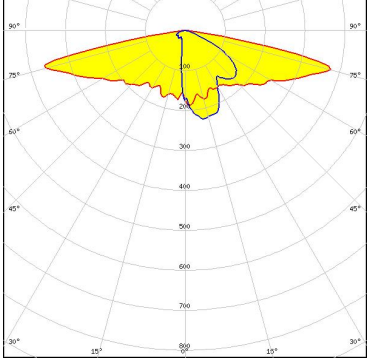
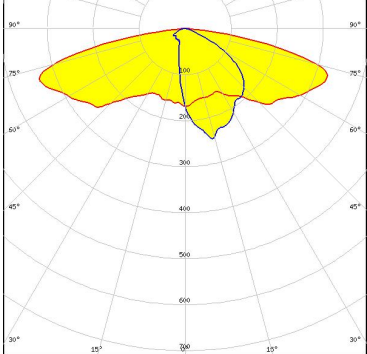
LED H35C1 (LEMWA33)  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.740 cd/lm  
 Required components:



LED LUXEON 5258  
 FWHM Asymmetric  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



**PHOTOMETRIC DATA (SIMULATED):**

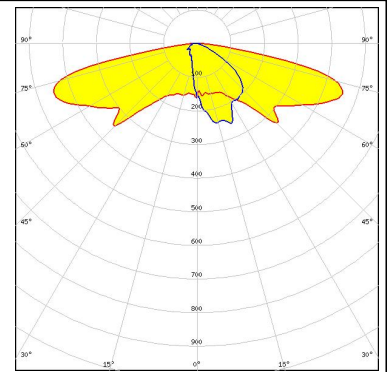
<p><b>NICHIA</b></p> <p>LED NVSW219D            FWHM Asymmetric            Efficiency 91 %            Peak intensity 0.660 cd/lm            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM Asymmetric            Efficiency 87 %            Peak intensity 0.830 cd/lm            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM Asymmetric            Efficiency 69 %            Peak intensity 0.510 cd/lm            Required components:            Undefined Manufacturer: Protective Plate, Glass</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8            FWHM Asymmetric            Efficiency 76 %            Peak intensity 0.440 cd/lm            Required components:            Undefined Manufacturer: Protective Plate, Glass</p>	

#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

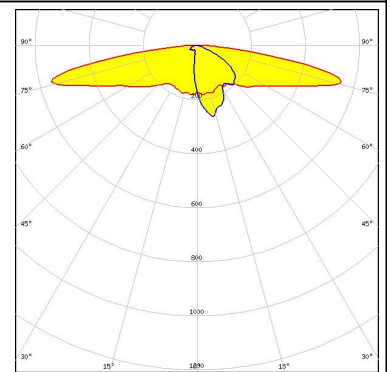
LED Duris S8  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.620 cd/lm  
Required components:



#### OSRAM

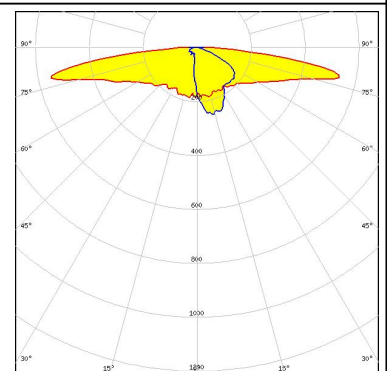
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.710 cd/lm  
Required components:



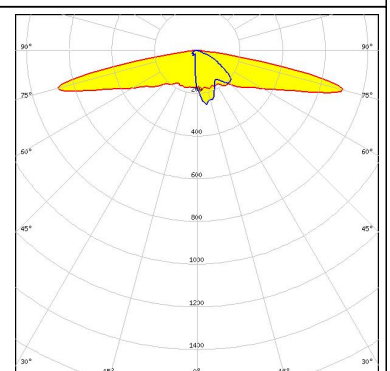
#### PHILIPS

LED Fortimo FastFlex LED board 2x8 DAX G4  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.760 cd/lm  
Required components:



#### SAMSUNG

LED LH181B  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.830 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR		
LED	Z5M1/Z5M2	
FWHM	Asymmetric	
Efficiency	%	
Peak intensity	cd/lm	
Required components:		
 Leading Innovation >>>		
LED	TL1L4	
FWHM	Asymmetric	
Efficiency	%	
Peak intensity	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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FI-24240 SALO  
Finland

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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)