



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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## STRADA-2X2-VSM

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

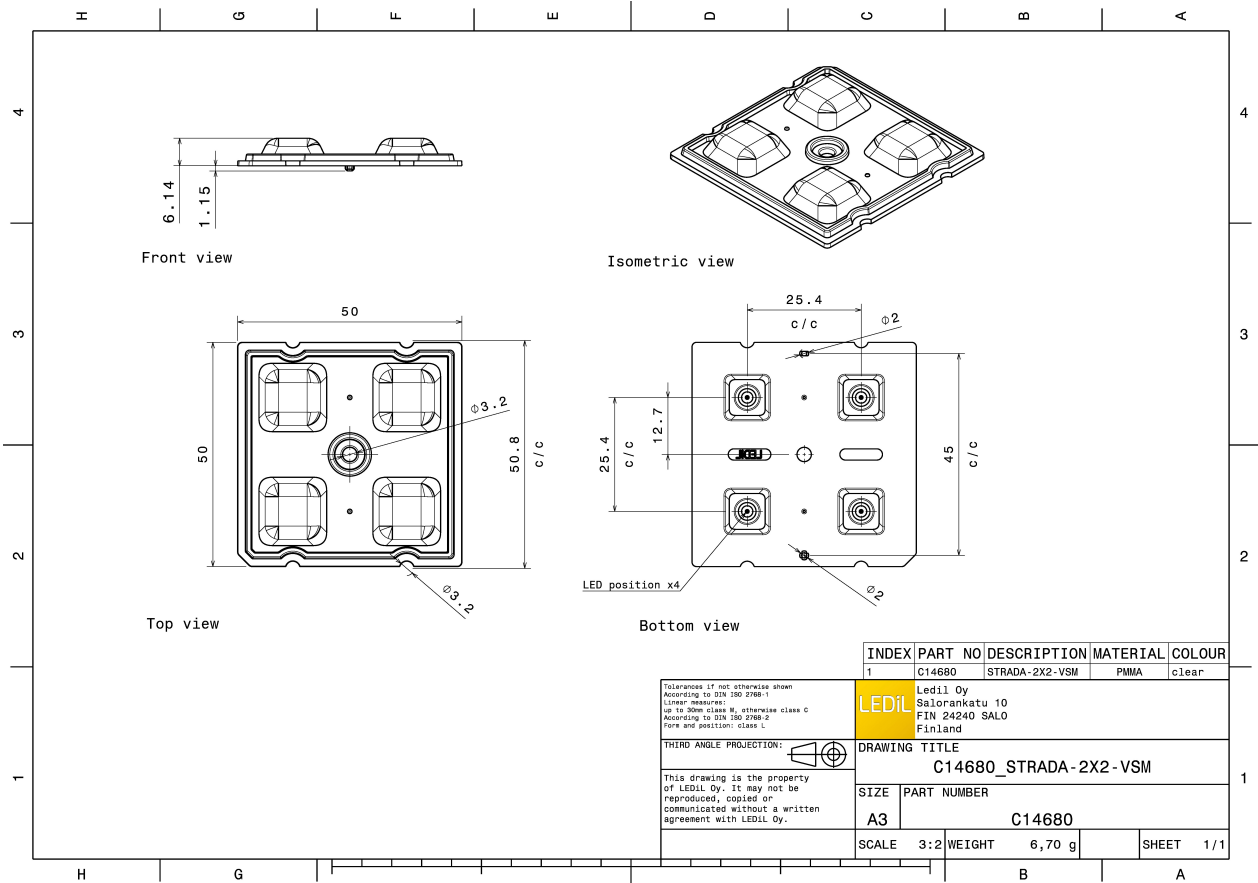
### TECHNICAL SPECIFICATIONS:

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

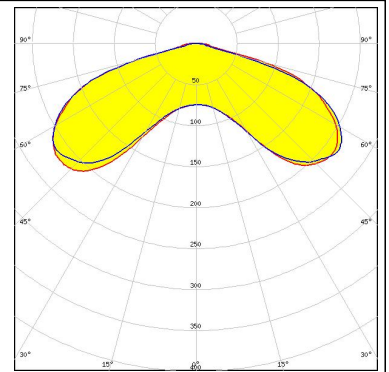




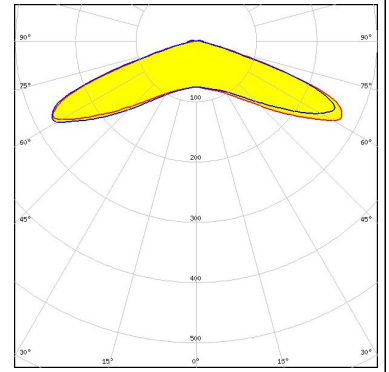
#### PHOTOMETRIC DATA (MEASURED):



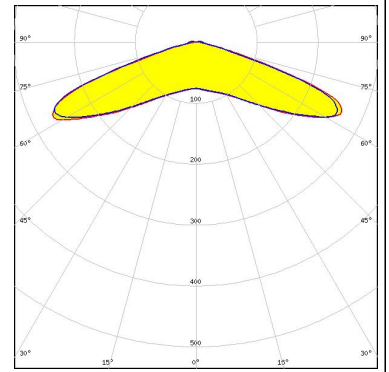
LED SMD 5050  
 FWHM 149.0°  
 Efficiency 94 %  
 Peak intensity 0.340 cd/lm  
 Required components:



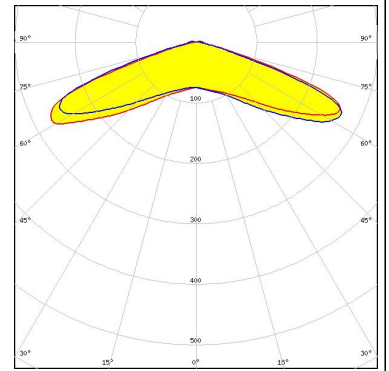
LED QUICK FLUX XTP 2x4 xxx LS G5  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 Required components:



LED QUICK FLUX XTP 2x6 xxx LS G5  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 Required components:



LED QUICK FLUX XTP 2x8 xxx LS G5  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 Required components:

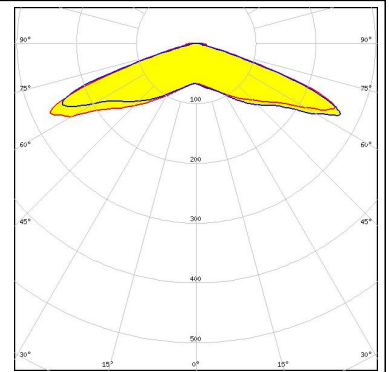




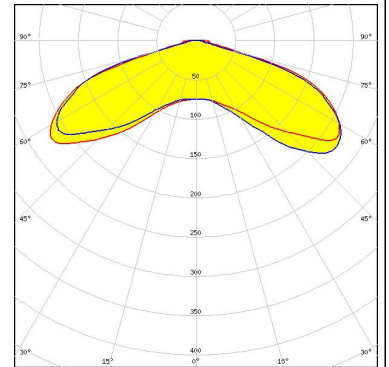
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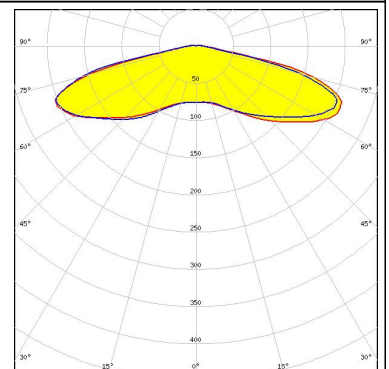
LED XD16  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.630 cd/lm  
Required components:



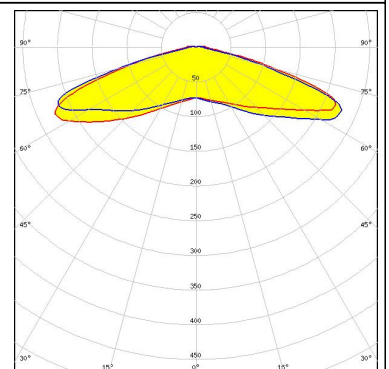
LED XD16 2x2 cluster  
FWHM 149.0°  
Efficiency 94 %  
Peak intensity 0.410 cd/lm  
Required components:



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



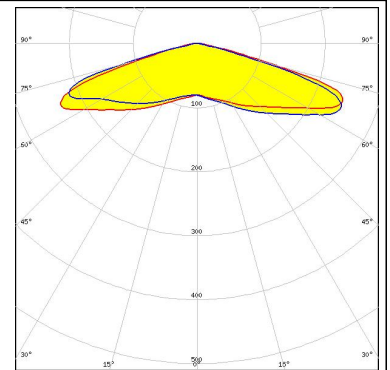
LED XT-E  
FWHM 152.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

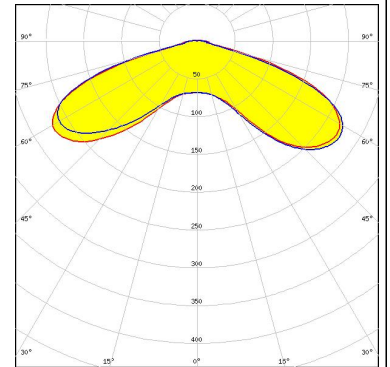
##### LG Innotek

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



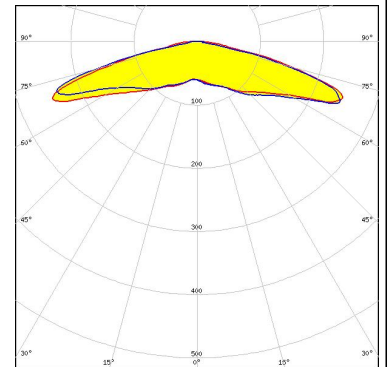
##### LUMILEDS

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



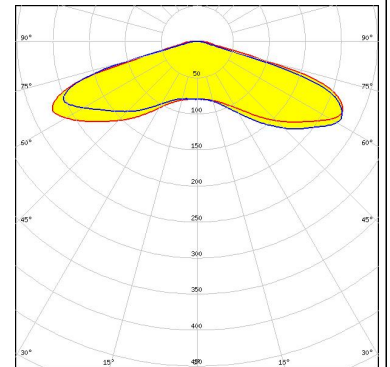
##### LUMILEDS

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



##### LUMILEDS

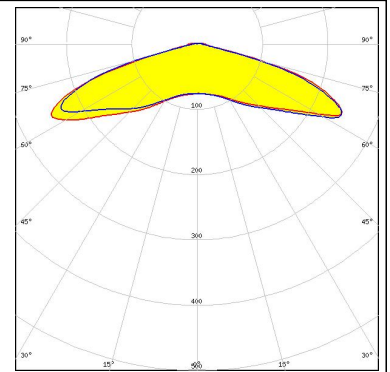
LED LUXEON V  
FWHM 151.0°  
Efficiency 94 %  
Peak intensity 0.420 cd/lm  
Required components:



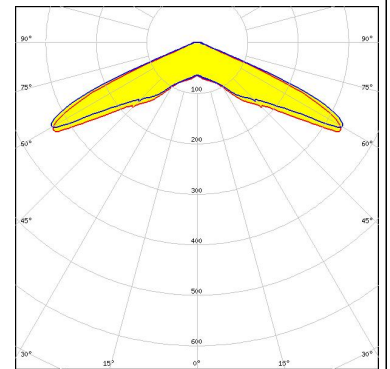
#### PHOTOMETRIC DATA (MEASURED):



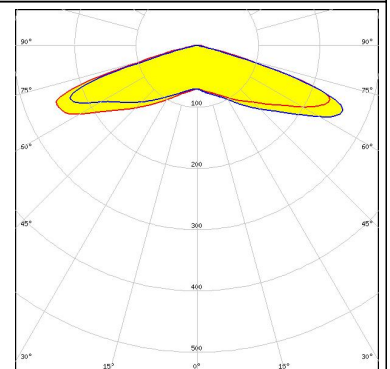
LED NVSW3x9A  
FWHM 152.0°  
Efficiency 94 %  
Peak intensity 0.470 cd/lm  
Required components:



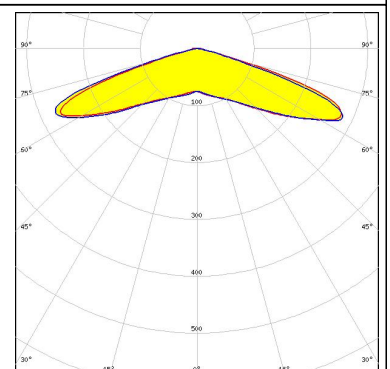
LED NVSxE21A  
FWHM 134.0°  
Efficiency 94 %  
Peak intensity 0.690 cd/lm  
Required components:



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:

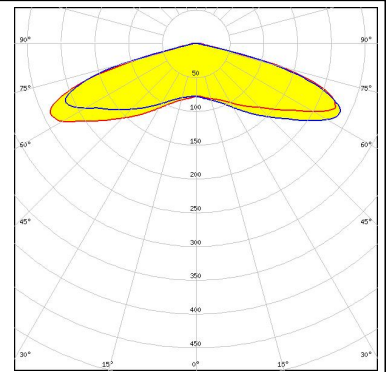




#### PHOTOMETRIC DATA (MEASURED):

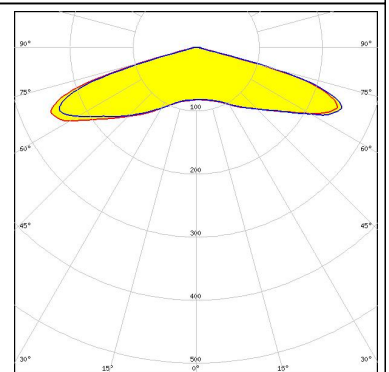
#### SAMSUNG

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



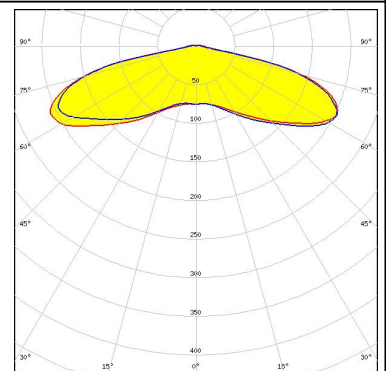
#### SAMSUNG

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



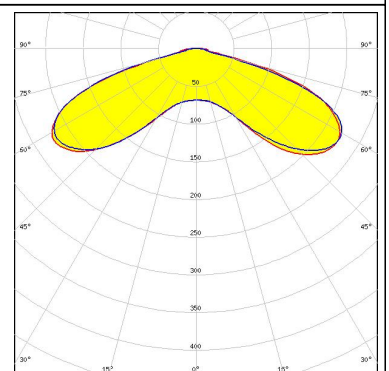
#### SAMSUNG

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


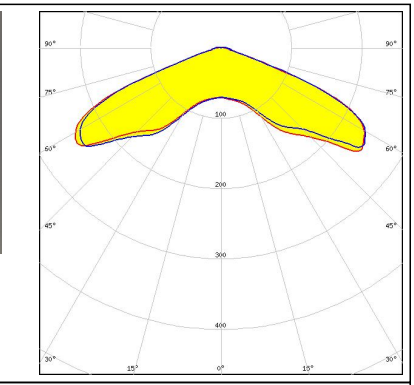
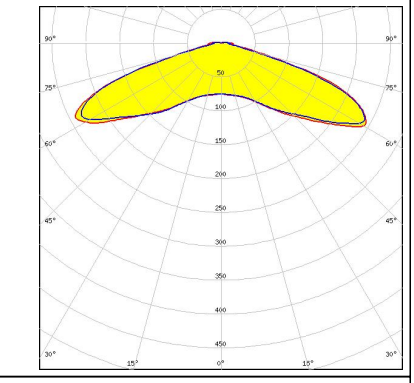
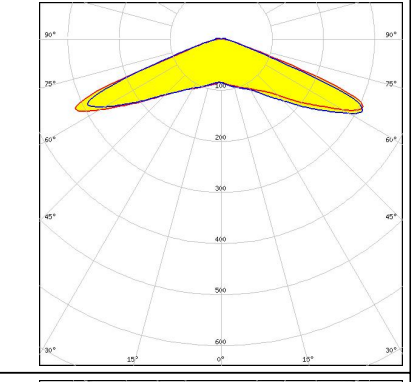
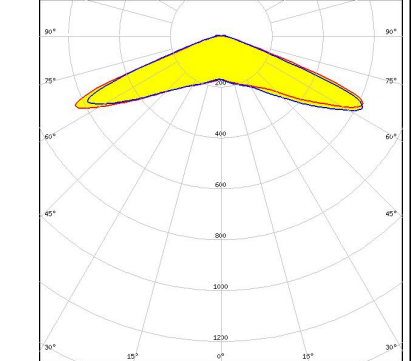


#### SAMSUNG

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



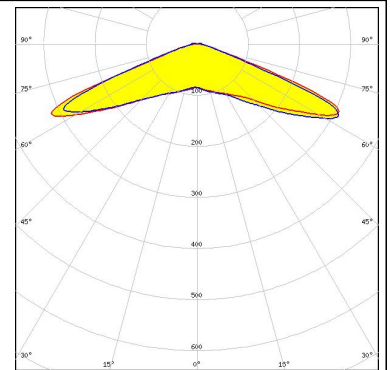
#### PHOTOMETRIC DATA (MEASURED):

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

#### PHOTOMETRIC DATA (MEASURED):

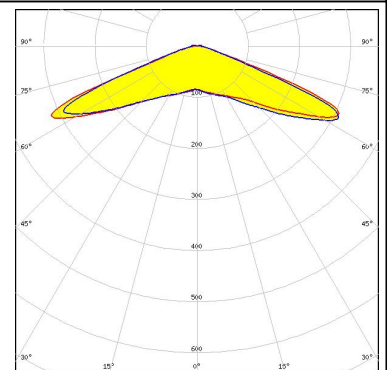
#### TRIDONIC

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



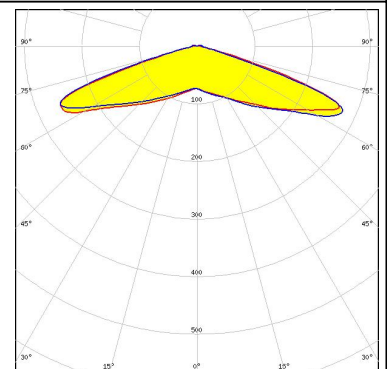
#### TRIDONIC

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:

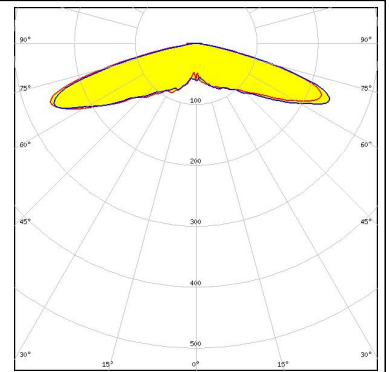




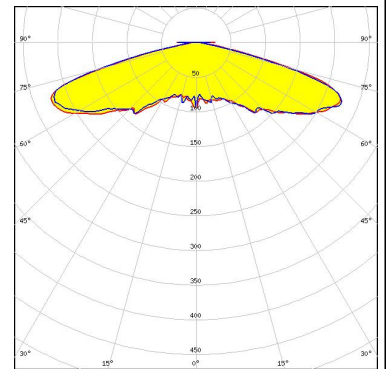
#### PHOTOMETRIC DATA (SIMULATED):



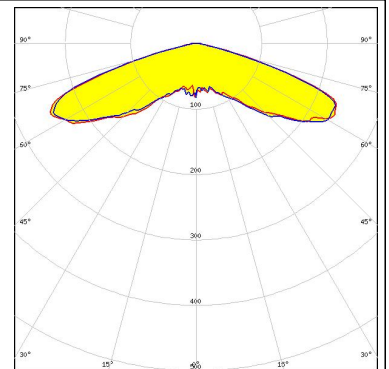
LED XP-G2  
FWHM 150.0°  
Efficiency 93 %  
Peak intensity 0.430 cd/lm  
Required components:



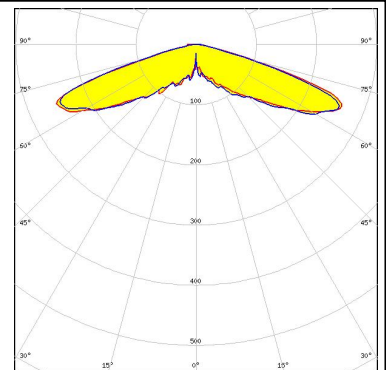
LED XP-L2  
FWHM 151.0°  
Efficiency 94 %  
Peak intensity 0.350 cd/lm  
Required components:



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



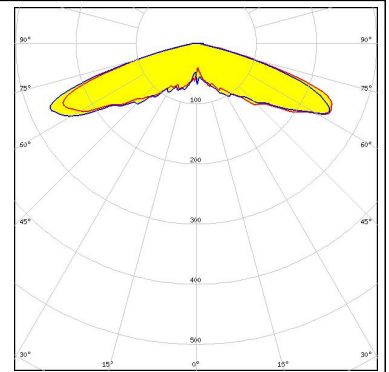
LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.450 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

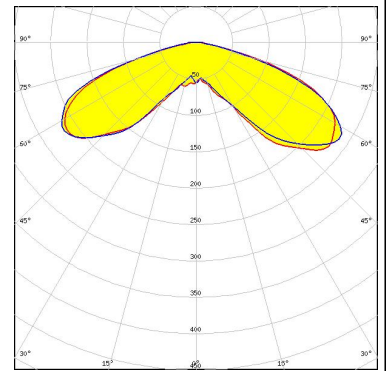
LED PrevaLED Brick DC 2x8  
 FWHM 146.0°  
 Efficiency 93 %  
 Peak intensity 1.600 cd/lm  
 Required components:



#### OSRAM

Osram Semiconductors

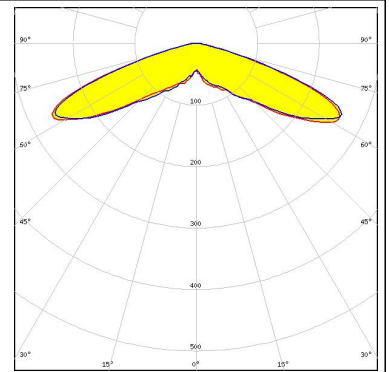
LED Duris S8  
 FWHM 144.0°  
 Efficiency 94 %  
 Peak intensity 0.350 cd/lm  
 Required components:



#### OSRAM

Osram Semiconductors

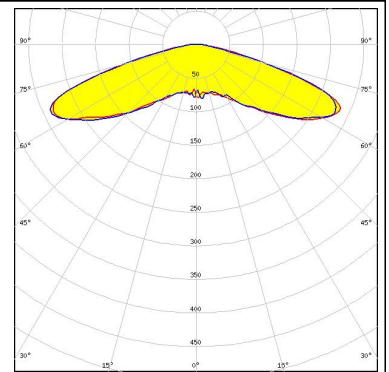
LED OSCONIQ P 3737 (2W version)  
 FWHM 144.0°  
 Efficiency 93 %  
 Peak intensity 0.440 cd/lm  
 Required components:



#### OSRAM

Osram Semiconductors

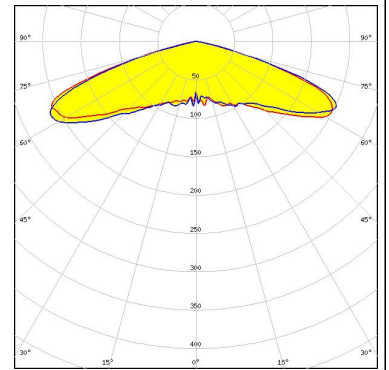
LED OSCONIQ P 3737 (3W version)  
 FWHM 148.0°  
 Efficiency 94 %  
 Peak intensity 0.370 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

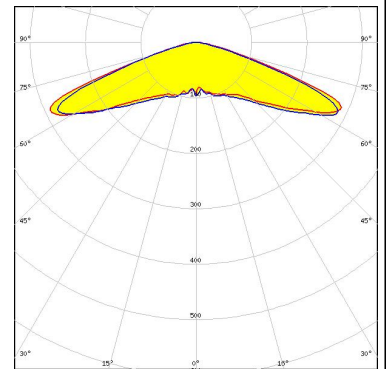
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 146.0°  
Efficiency 79 %  
Peak intensity 0.320 cd/lm  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



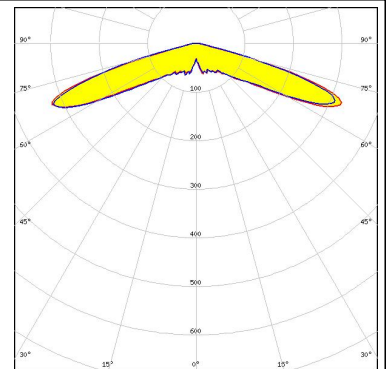
**OSRAM**  
Opto Semiconductors

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



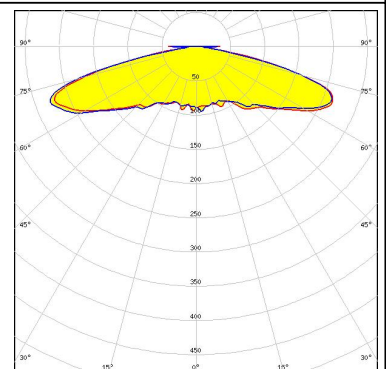
**OSRAM**  
Opto Semiconductors

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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#### Local sales and technical support

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#### Shipping locations

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#### Distribution Partners

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