

## STRADA-2X2-FN

Narrow forward throw beam for area lighting.  
Excellent for lighting stadiums and airports from  
high masts.

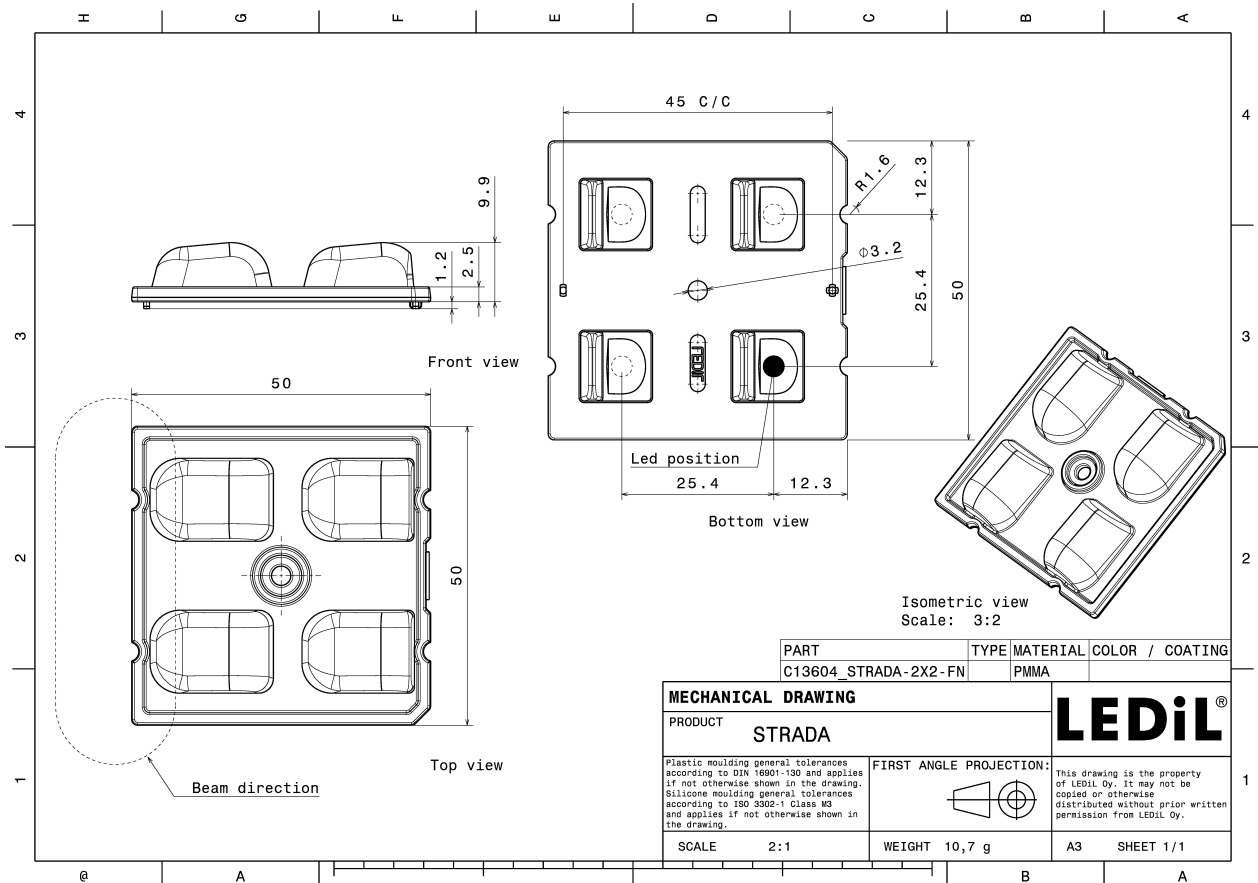
### TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.8 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

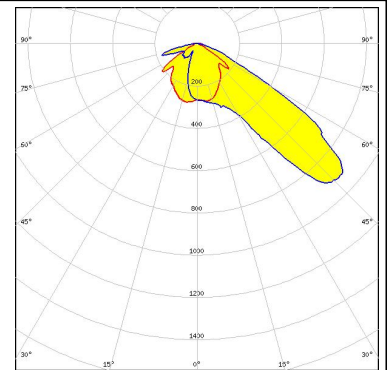
Component	Type	Material	Colour
STRADA-2X2-FN	Multi-lens	PMMA	clear



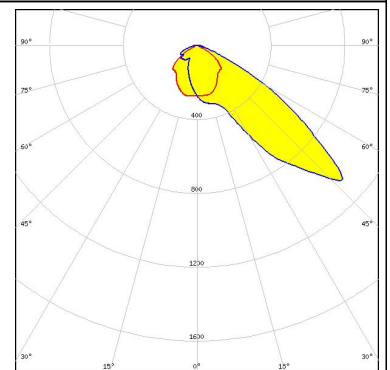
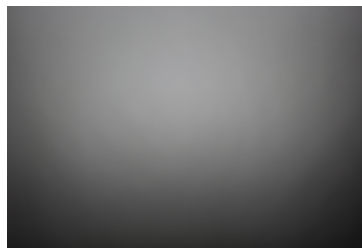
#### PHOTOMETRIC DATA (MEASURED):



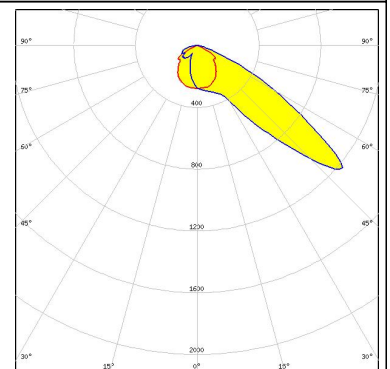
LED XD16  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



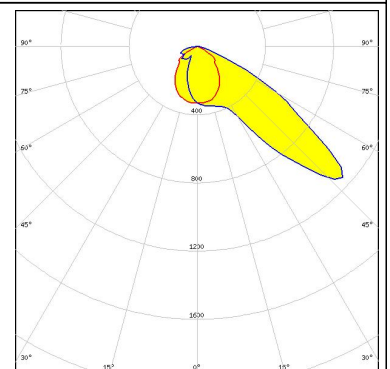
LED XD16  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:



LED XM-L  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



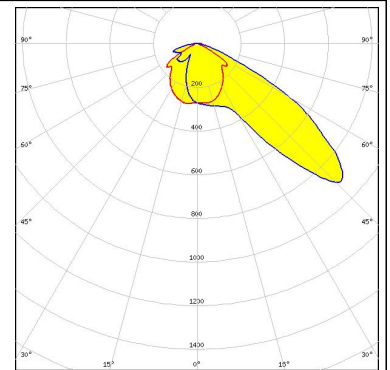
LED XM-L2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



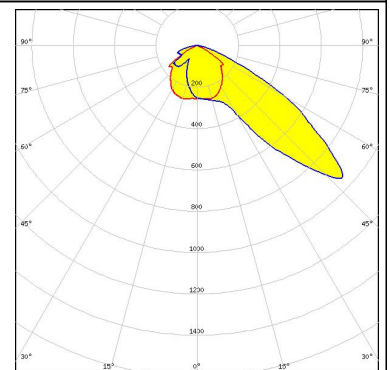
#### PHOTOMETRIC DATA (MEASURED):



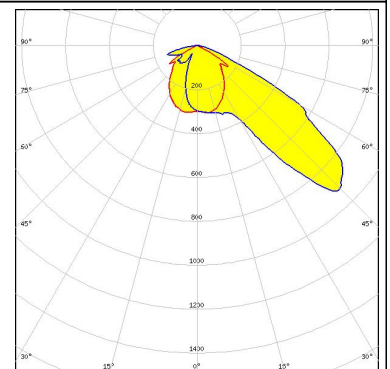
LED XP-G3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



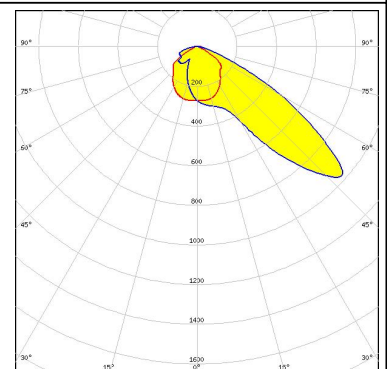
LED XP-L HD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.960 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-L HI  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



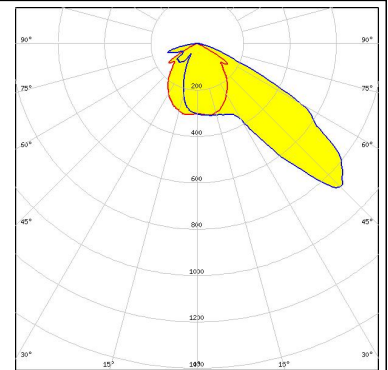
LED XP-L2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.980 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

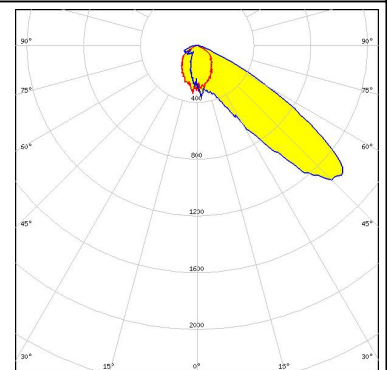
##### LG Innotek

LED H35C1 (LEMWA33)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



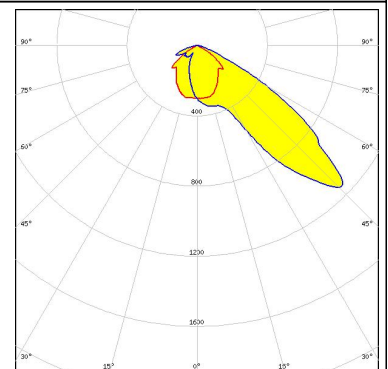
##### LUMILEDS

LED LUXEON 5050  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



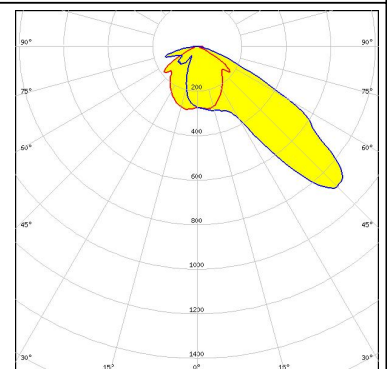
##### LUMILEDS

LED LUXEON MZ  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

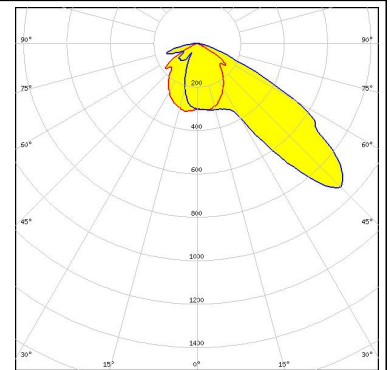
LED LUXEON Q  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

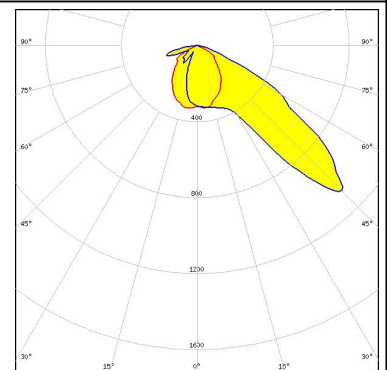
##### LUMILEDS

LED LUXEON T  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.060 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



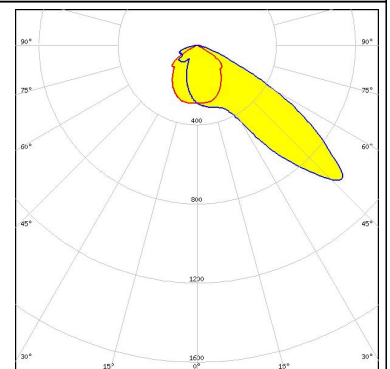
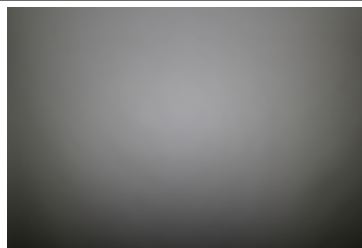
##### LUMILEDS

LED LUXEON TX  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



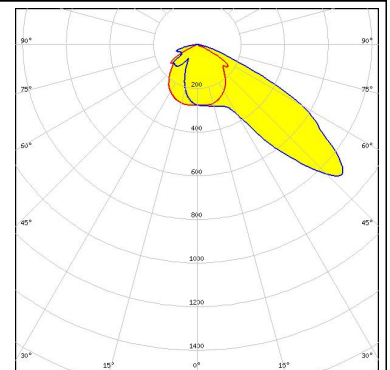
##### LUMILEDS

LED LUXEON V  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

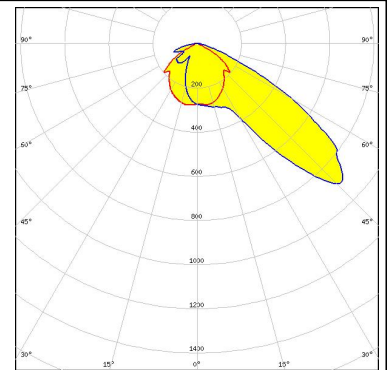
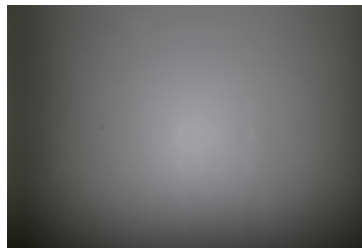
LED NVSW319B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



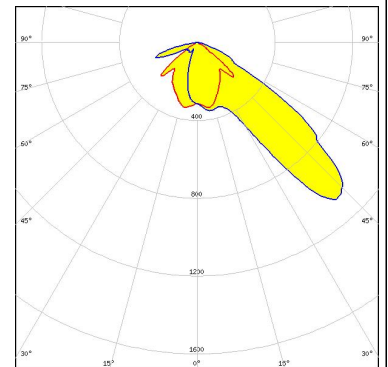
#### PHOTOMETRIC DATA (MEASURED):



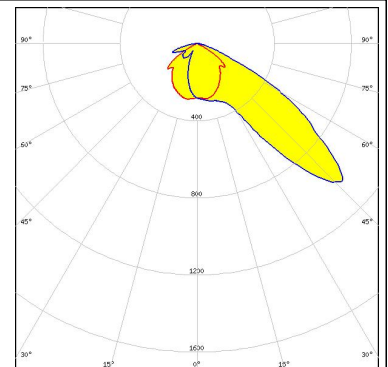
LED NVSW3x9A  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxE21A  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris S8  
FWHM Asymmetric  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

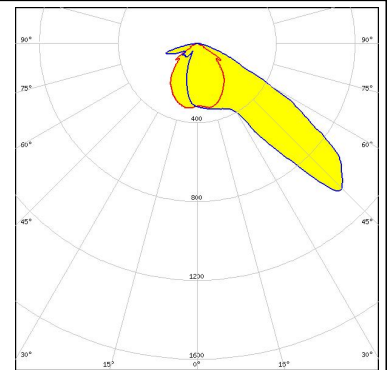


#### PHOTOMETRIC DATA (MEASURED):

##### OSRAM

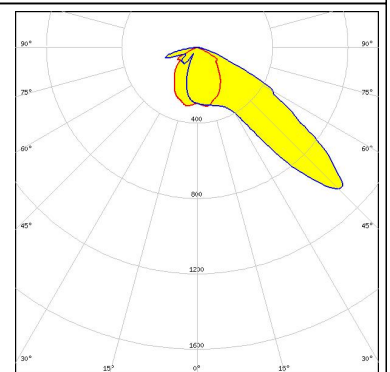
Opto Semiconductors

LED Oslon Square PC  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



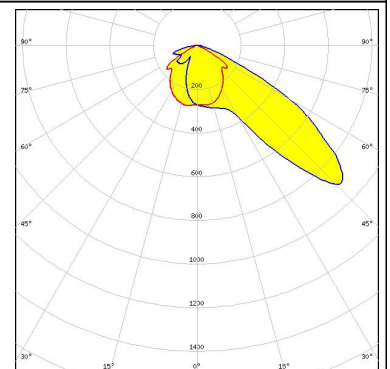
##### PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



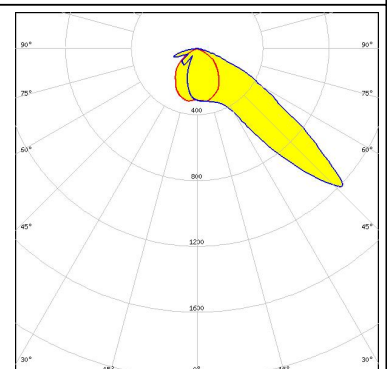
##### PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### SAMSUNG

LED HiLOM RH16 (LH351C)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

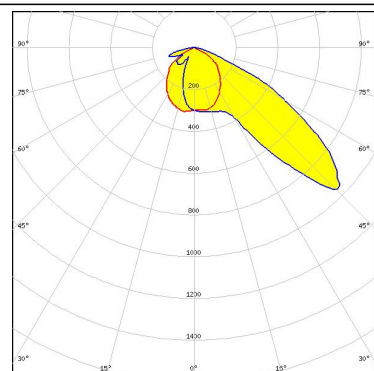




#### PHOTOMETRIC DATA (MEASURED):

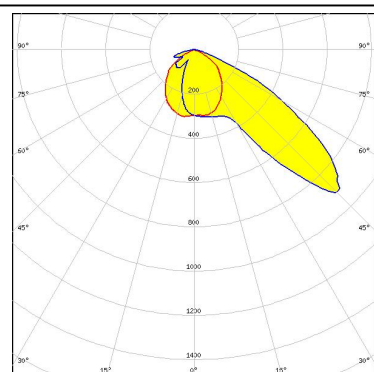
#### SAMSUNG

LED LH351B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.080 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



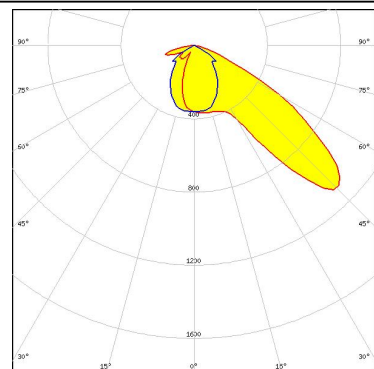
#### SAMSUNG

LED LH351B  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 1.030 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



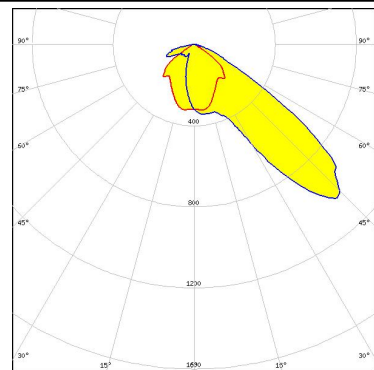
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

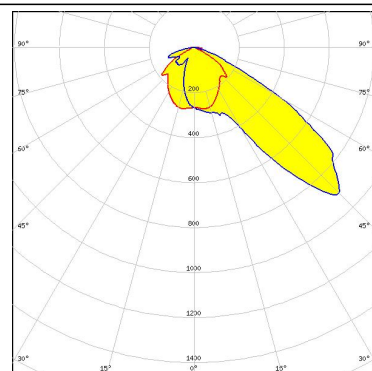
LED Z8Y22  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



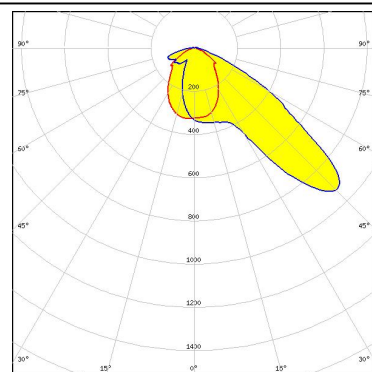
#### PHOTOMETRIC DATA (MEASURED):



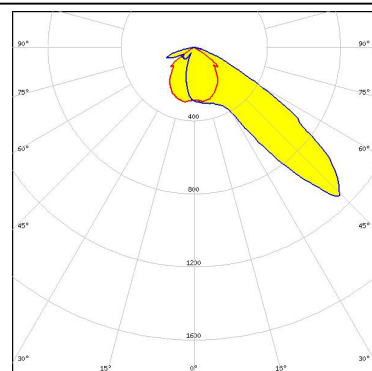
LED Z8Y22P  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED TL1L3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.940 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED TL1L4  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

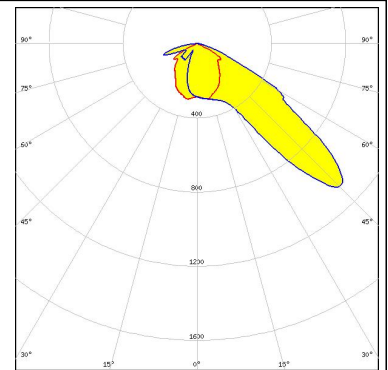


LED RLE 2x4 2000lm HP EXC2 OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### PHOTOMETRIC DATA (MEASURED):

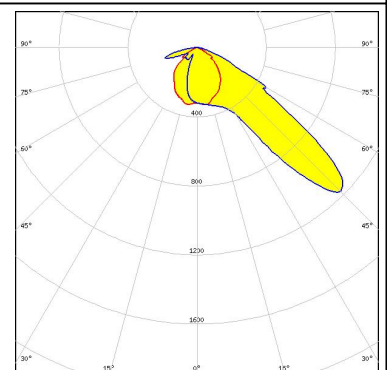
#### TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



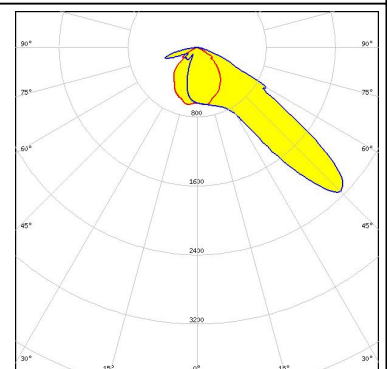
#### TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



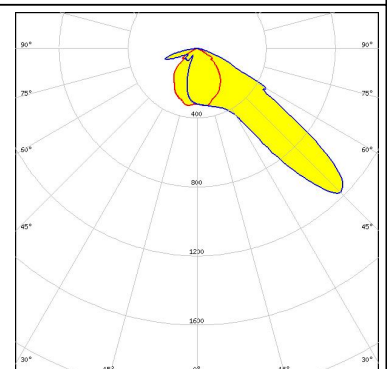
#### TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### TRIDONIC

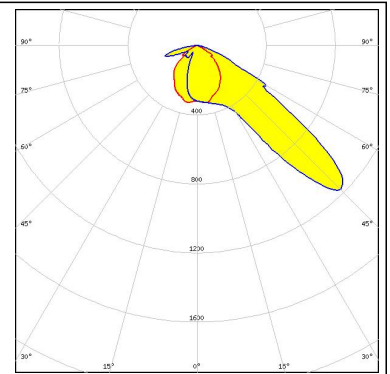
LED RLE G1 49x223mm 4000lm xxx EXC OTD  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

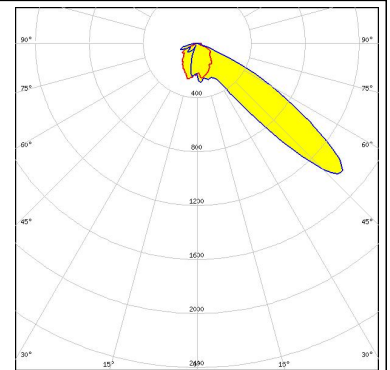
LED RLE G1 49x245mm 4000lm xxx EXC OTD  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



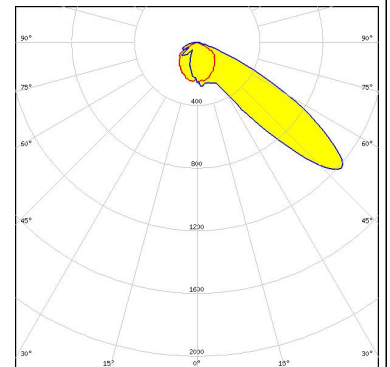
#### PHOTOMETRIC DATA (SIMULATED):



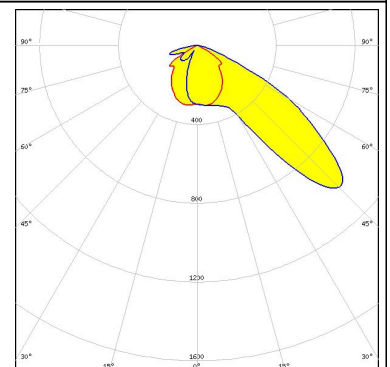
LED XT-E  
FWHM Asymmetric  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



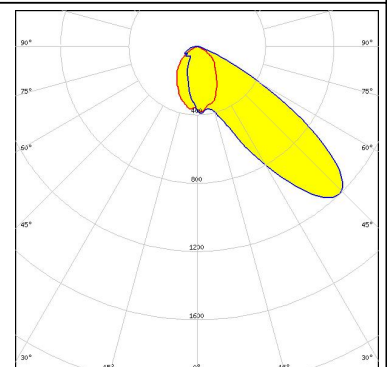
LED NWSx229A  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED PrevaLED Brick DC 2x8  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 1.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris S10  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

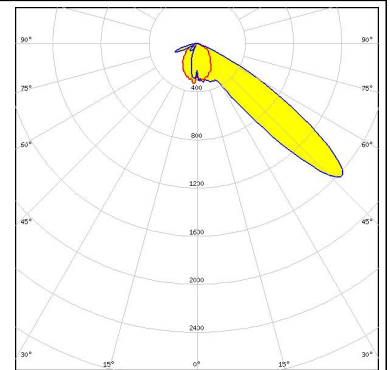


#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

Opto Semiconductors

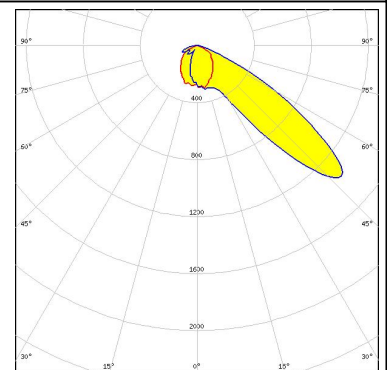
LED OSCONIQ P 3737 (2W version)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

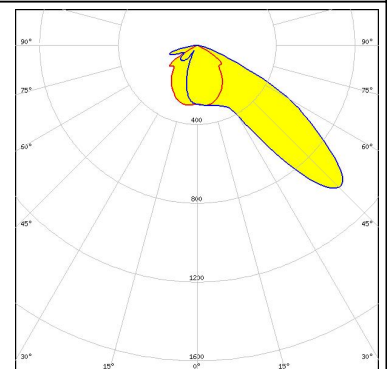
LED OSCONIQ P 3737 (3W version)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.370 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

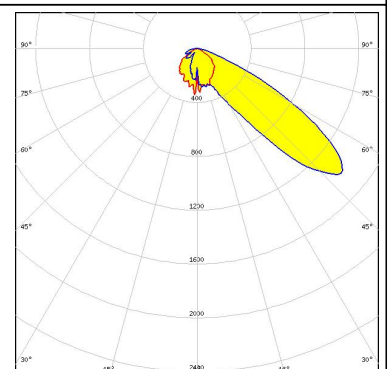
Opto Semiconductors

LED Oslon Square Gen3  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 1.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### SAMSUNG

LED LH351D  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 1.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 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.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

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

#### Shipping locations

Salu, Finland  
Hong Kong, China

#### Distribution Partners

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