

## SPORT-2X2-FT6W

Wide forward throw beam with optimized cut-off  
for high masts

## TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	12.3 mm
Fastening	screw
ROHS compliant	yes ⓘ

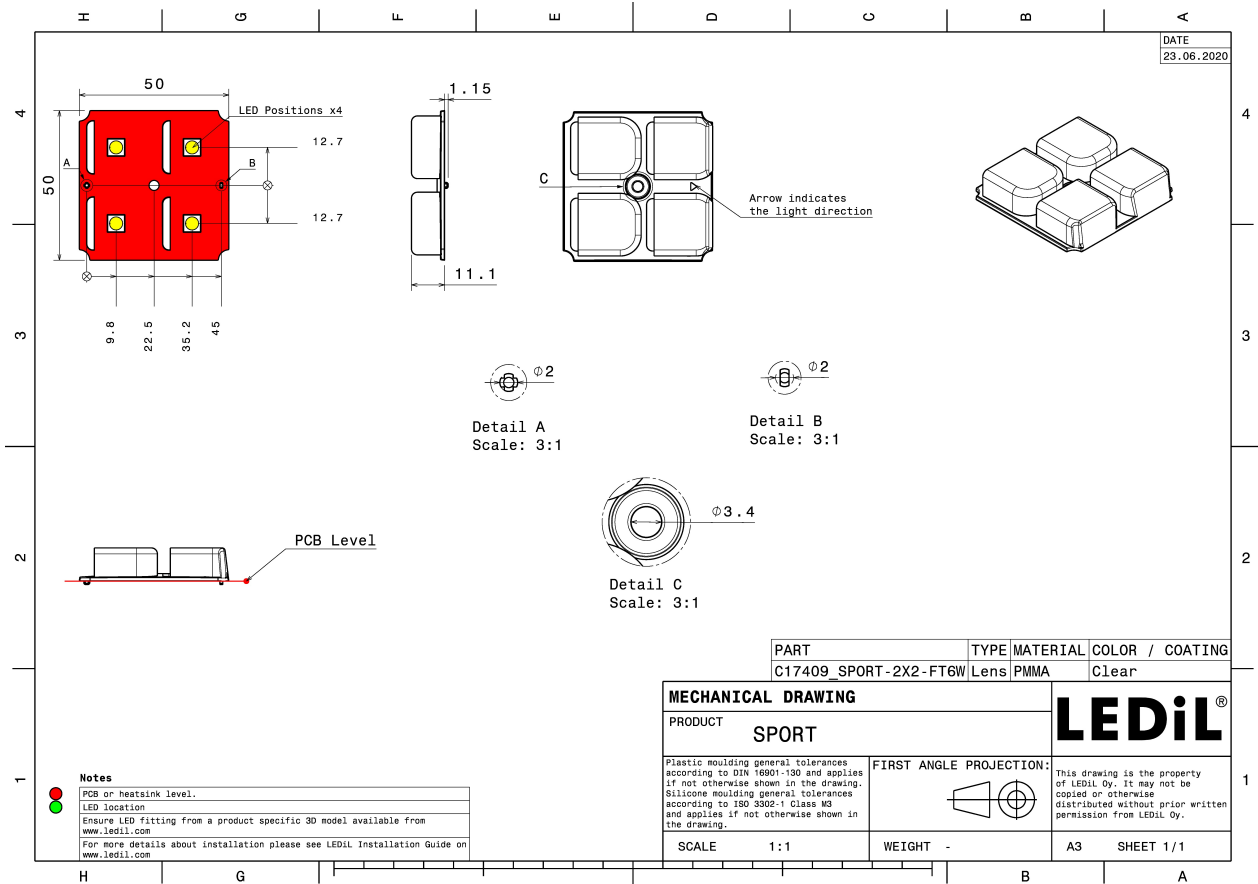
## MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
SPORT-2X2-FT6W	Multi-lens	PMMA	clear	

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17409_SPORT-2X2-FT6W » Box size: 480 x 280 x 300 mm	640	128	128	9.9



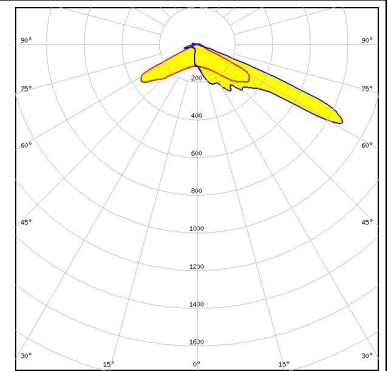


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

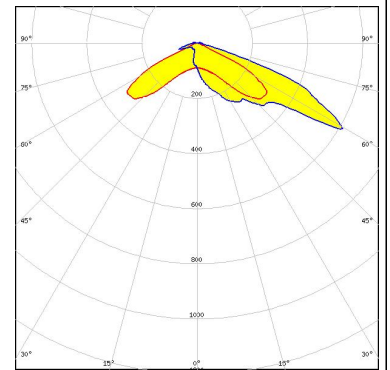
#### PHOTOMETRIC DATA (MEASURED):



LED PassivePAQ-R-222x50.OS1.9.7K-750-5 V1.0  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED PassivePAQ-R-274x51-NI0-21K-857-5  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

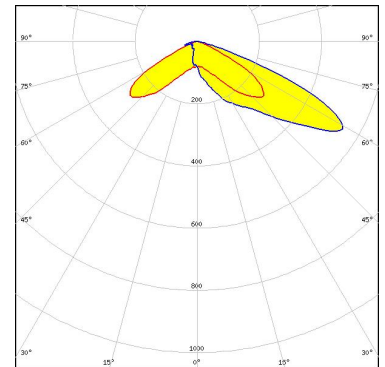


#### PHOTOMETRIC DATA (SIMULATED):

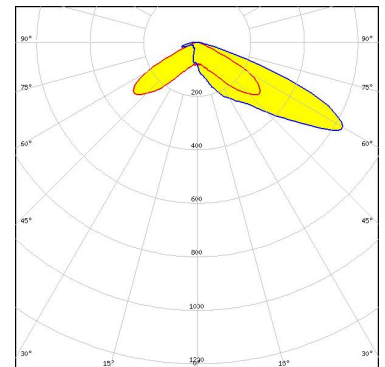


LED J Series 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 82 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

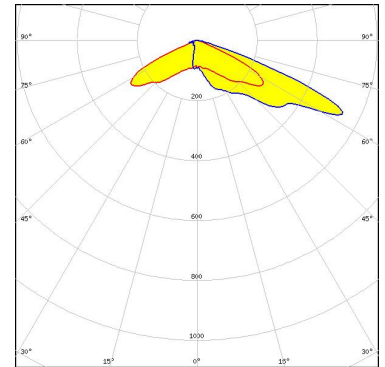


LED J Series 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

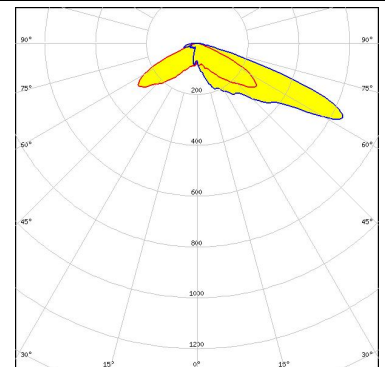


LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 76 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



LED XP-L HD  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

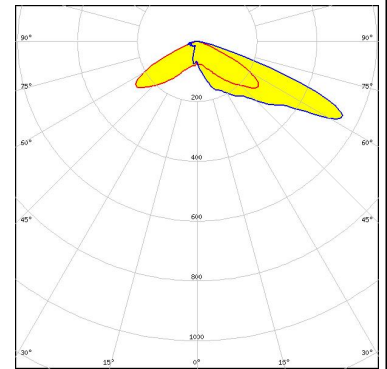


#### PHOTOMETRIC DATA (SIMULATED):

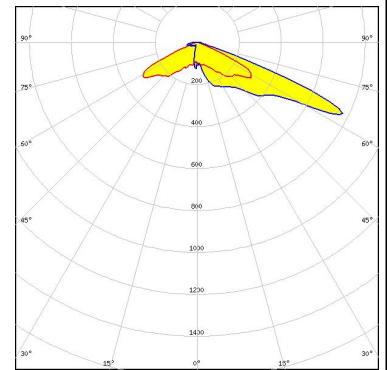


LED XP-L HD  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass

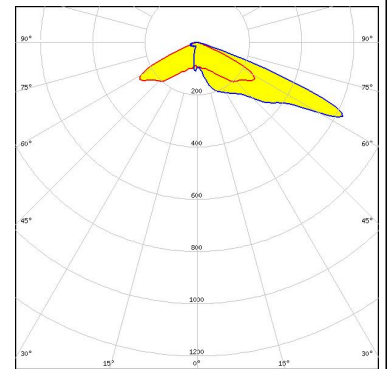


LED XP-L HI  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



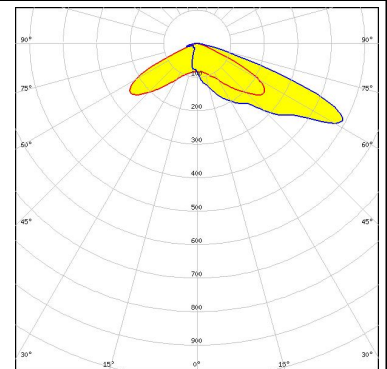
LED XP-L HI  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



LED XP-L2  
FWHM / FWTM Asymmetric  
Efficiency 75 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

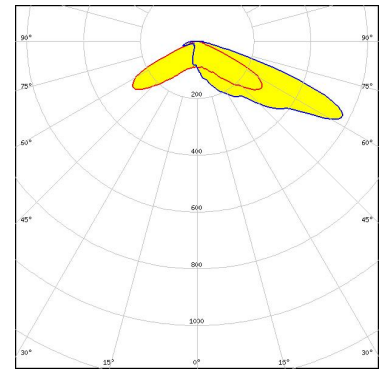
Protective plate, glass



#### PHOTOMETRIC DATA (SIMULATED):

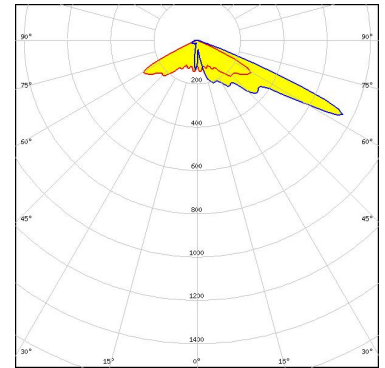


LED XP-L2  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

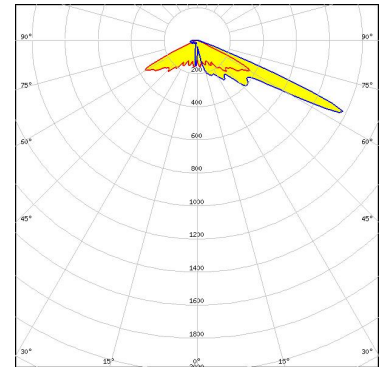


LED XP-P  
 FWHM / FWTM Asymmetric  
 Efficiency 80 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

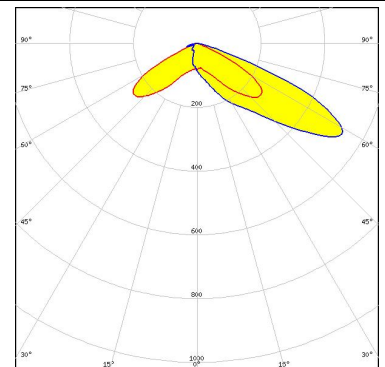


LED XP-P  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 5050 HE  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

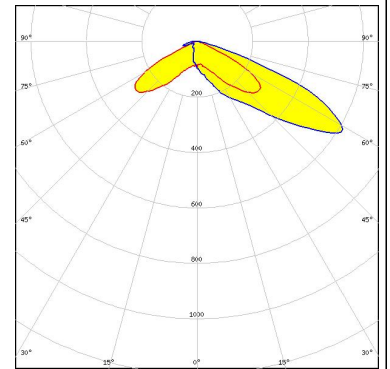
Protective plate, glass



#### PHOTOMETRIC DATA (SIMULATED):

##### LUMILEDS

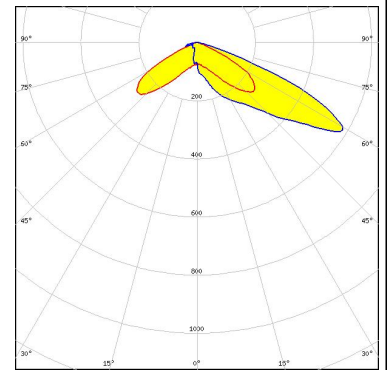
LED LUXEON 5050 HE  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### LUMILEDS

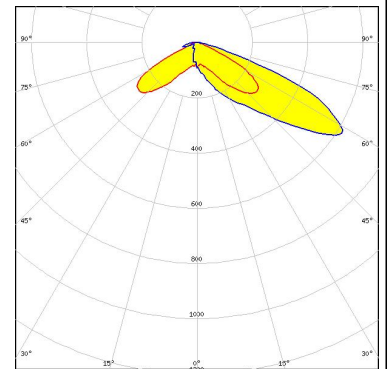
LED LUXEON 5050 Round LES  
FWHM / FWTM Asymmetric  
Efficiency 81 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



##### LUMILEDS

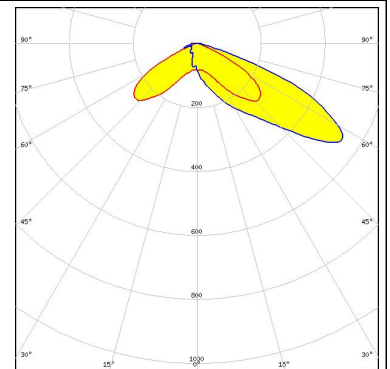
LED LUXEON 5050 Square LES  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### LUMILEDS

LED LUXEON 5050 Square LES  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

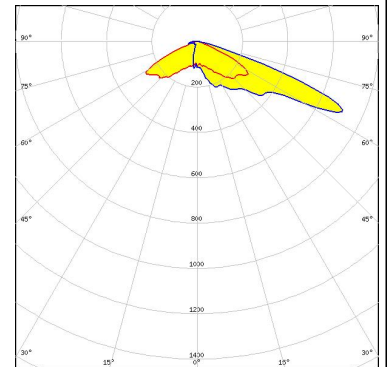
Protective plate, glass



#### PHOTOMETRIC DATA (SIMULATED):

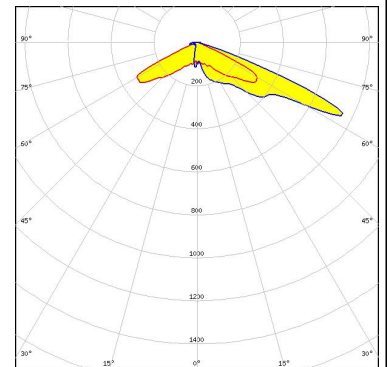
##### LUMILEDS

LED LUXEON HL2X  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

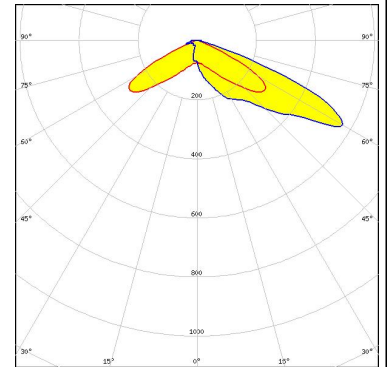
LED LUXEON TX  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

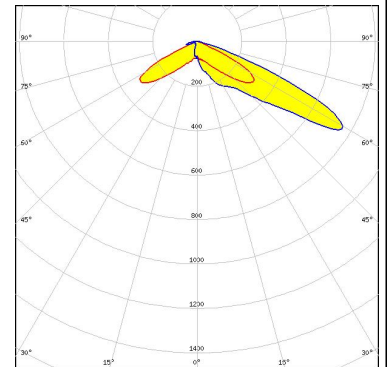
LED NV4WB35AM  
 FWHM / FWTM Asymmetric  
 Efficiency 83 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



##### NICHIA

LED NV4WB35AM  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



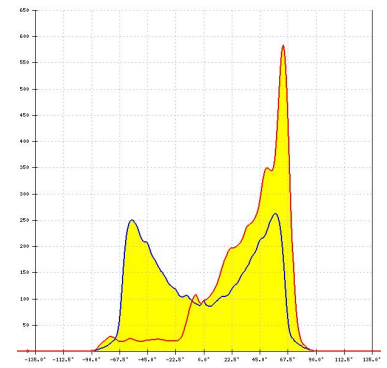


#### PHOTOMETRIC DATA (SIMULATED):



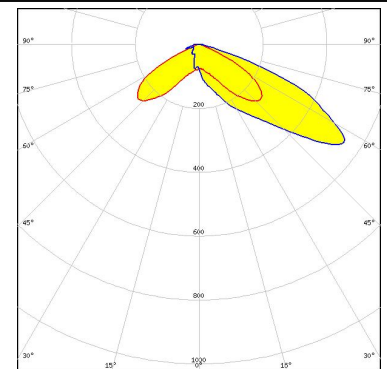
LED NVSW219F  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass

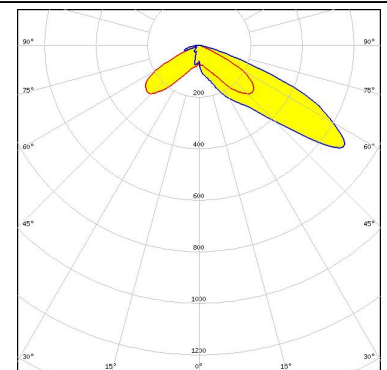


LED Duris S8  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

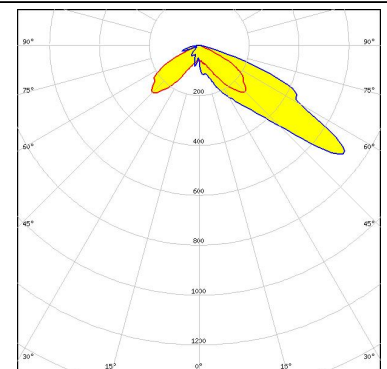
Protective plate, glass



LED Duris S8  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ C 2424  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:



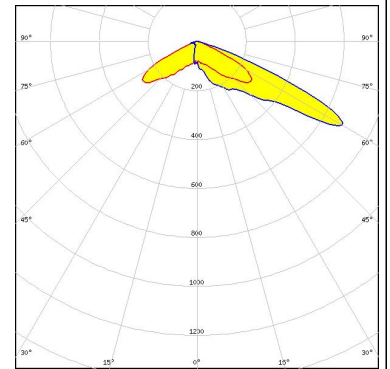
#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

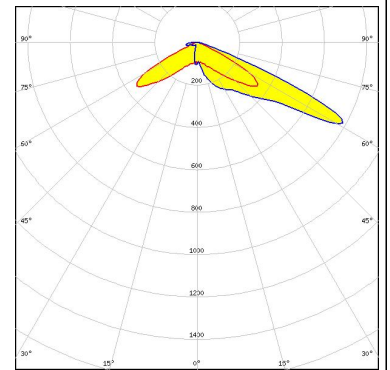
Protective plate, glass



##### OSRAM

Opto Semiconductors

LED OSCONIQ P 3737 Flat  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

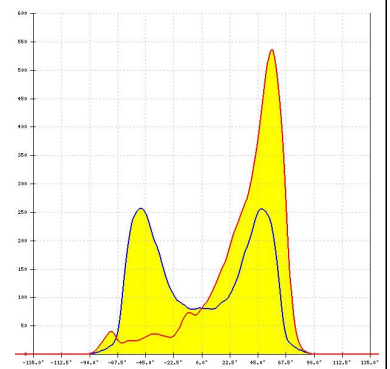


##### OSRAM

Opto Semiconductors

LED OSCONIQ S 5050  
FWHM / FWTM Asymmetric  
Efficiency 81 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

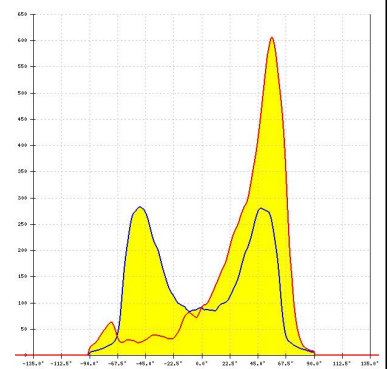
Protective plate, glass



##### OSRAM

Opto Semiconductors

LED OSCONIQ S 5050  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



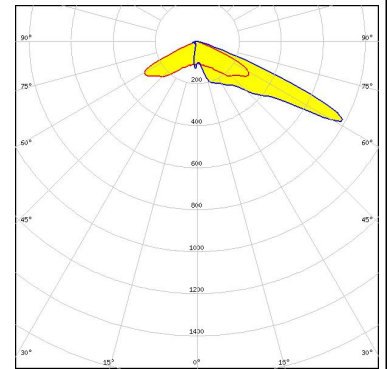
#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

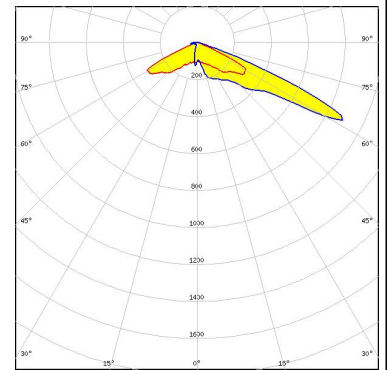
Protective plate, glass



##### OSRAM

Opto Semiconductors

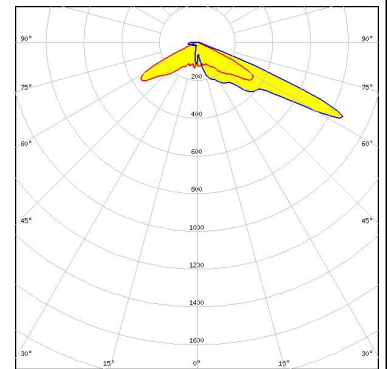
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

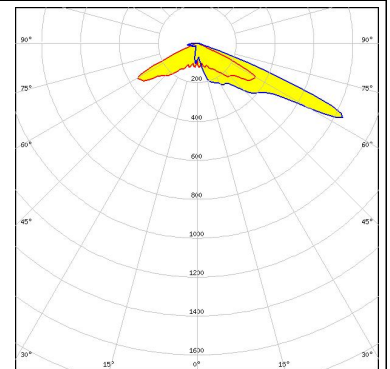
LED OSLON Square Flat  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

LED OSTAR Projection Compact (Kx.CSLNM1.xx)  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

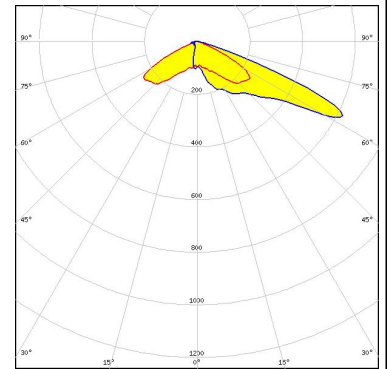


#### PHOTOMETRIC DATA (SIMULATED):

#### SAMSUNG

LED LH351B  
FWHM / FWTM Asymmetric  
Efficiency 77 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

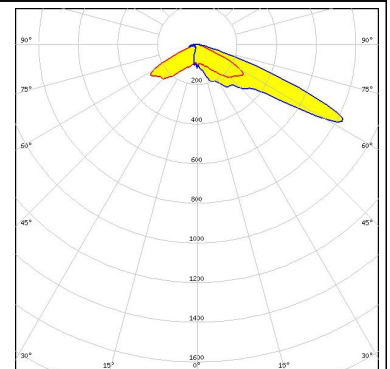
Protective plate, glass



#### SAMSUNG

LED LH351C  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

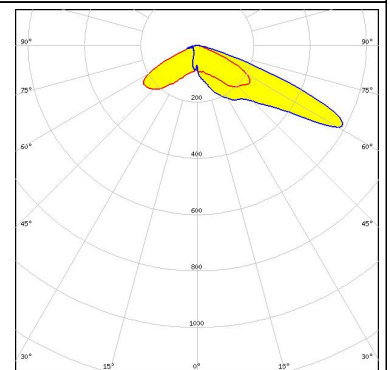
Protective plate, glass



#### SAMSUNG

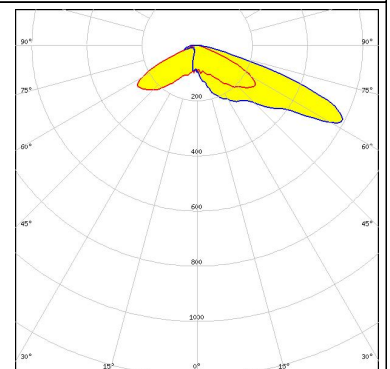
LED LH351D  
FWHM / FWTM Asymmetric  
Efficiency 77 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



#### SAMSUNG

LED LH351D  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

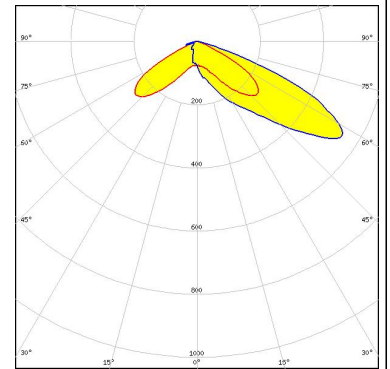


#### PHOTOMETRIC DATA (SIMULATED):

#### SAMSUNG

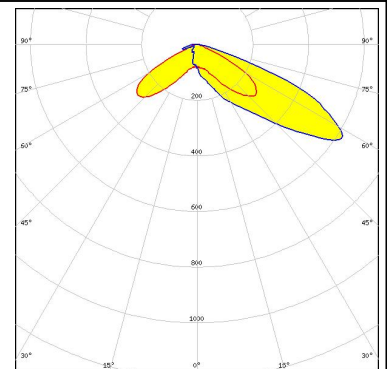
LED LH502C  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



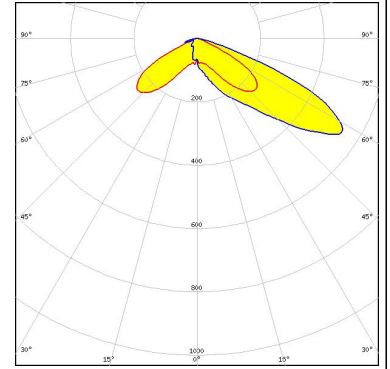
#### SAMSUNG

LED LH502C  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

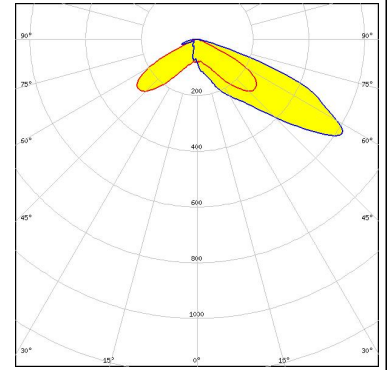


LED MJT 5050  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



LED SEOUL DC 5050 6V  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):



### 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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P.R.CHINA

#### 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

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