

## STRADA-2X2-5050-T2-C

IESNA Type II (medium) beam with added house side backlight. Designed for tilted and long armatures. Variant optimized for flat 5050 size LED packages.

## SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	7 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

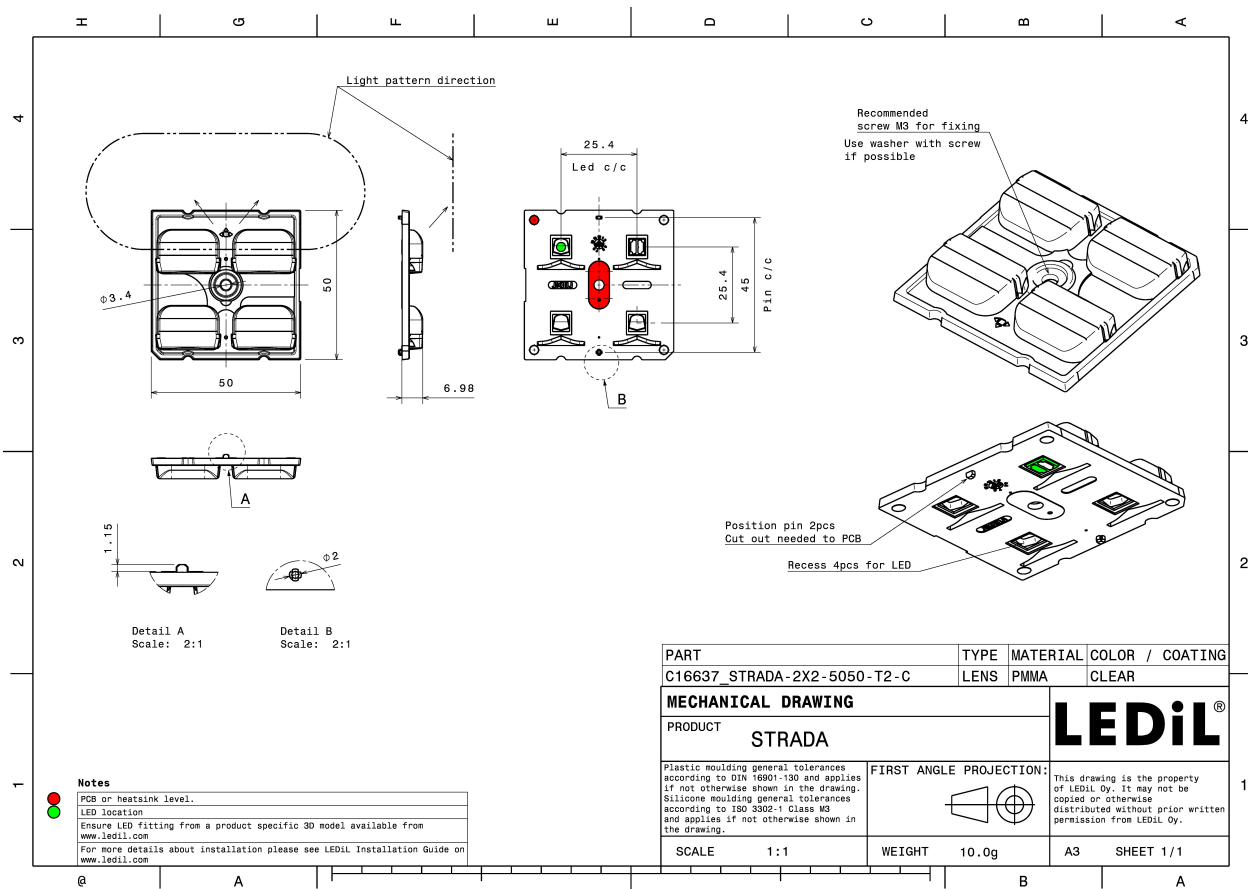


## MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-2X2-5050-T2-C	Multi-lens	PMMA	clear	

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16637_STRADA-2X2-5050-T2-C	800	160	160	8.6
» Box size: 480 x 280 x 300 mm				

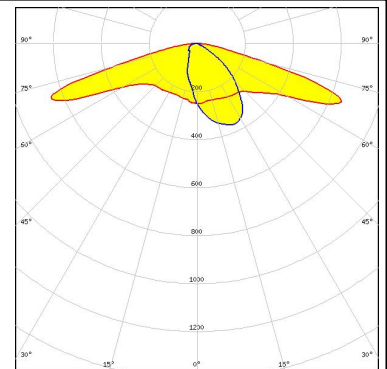


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

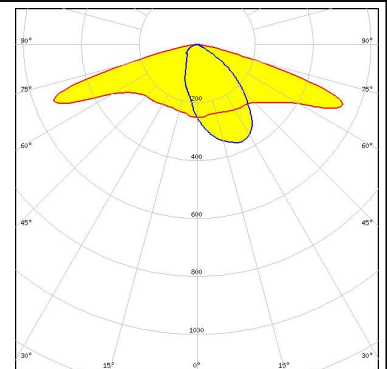


LED J Series 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

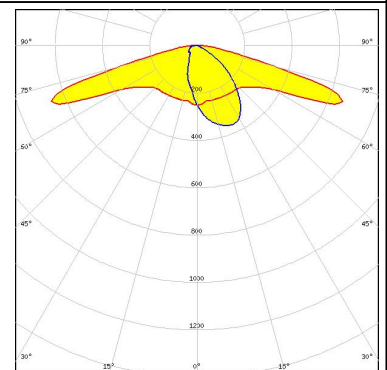


LED J Series 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

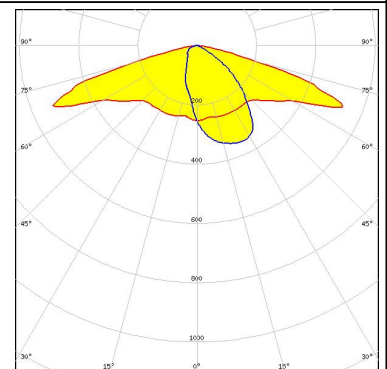


LED J Series 5050C 6V E Class  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

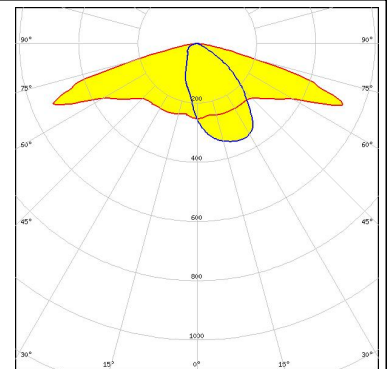


#### OPTICAL RESULTS (MEASURED):

##### LUMILEDS

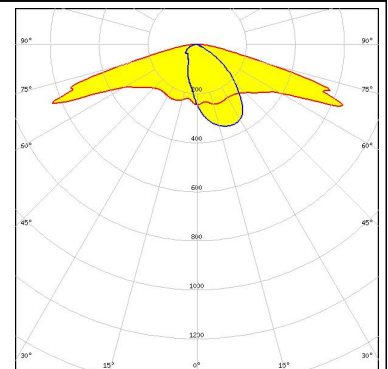
LED LUXEON 5050 Round LES  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



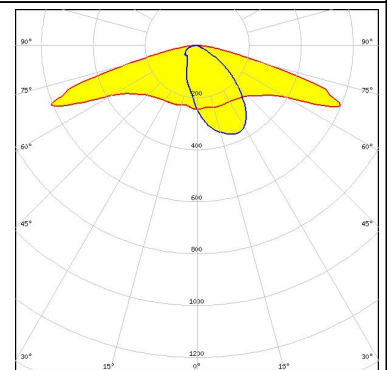
##### LUMILEDS

LED LUXEON 5050 Square LES  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



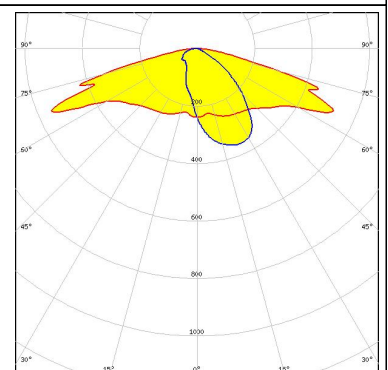
##### LUMILEDS

LED LUXEON XR-5050 SQR (L213-xxxx016MRH001)  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### Your solutions

LED RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



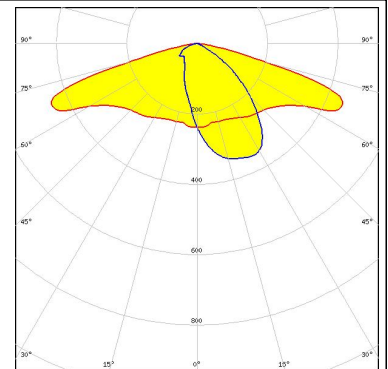
#### OPTICAL RESULTS (MEASURED):

##### OSRAM

Opto Semiconductors

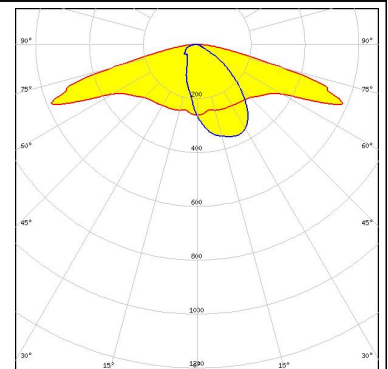
LED Duris S8  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



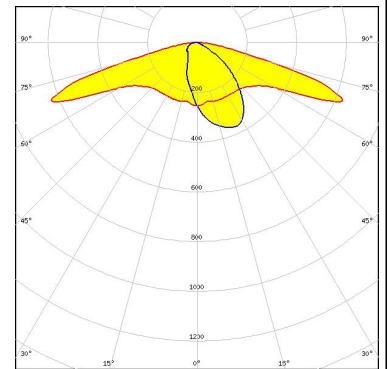
##### PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### TRIDONIC

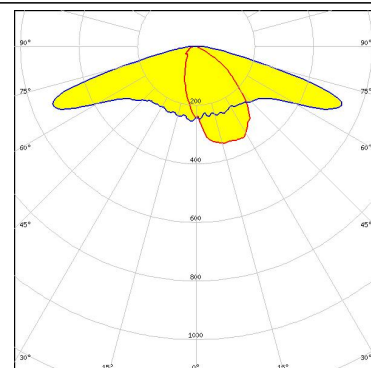
LED RLE 2x8 6000lm HP HE EXC3 OTD  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (SIMULATED):

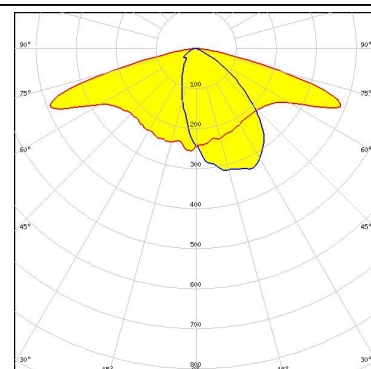


LED Bridgelux SMD 5050  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

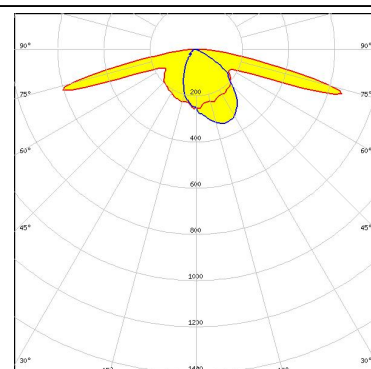


LED J Series 5050B 6V K Class  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass

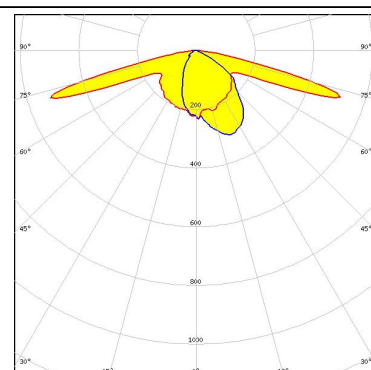


LED XP-G2 HE  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G3  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass

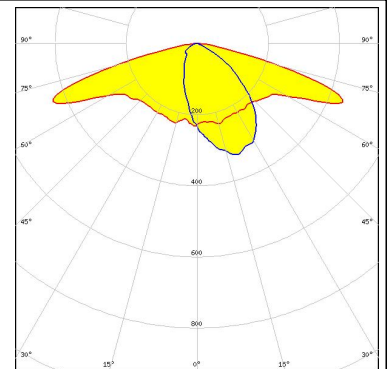


#### OPTICAL RESULTS (SIMULATED):

##### LUMILEDS

LED LUXEON 5050 HE  
FWHM / FWTM Asymmetric  
Efficiency 81 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

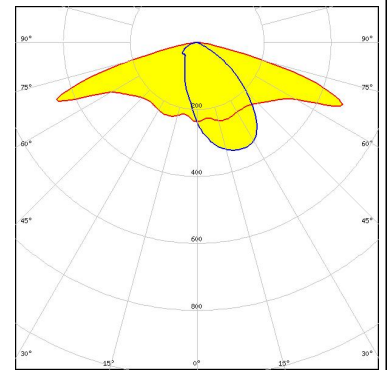
Protective plate, glass



##### LUMILEDS

LED LUXEON 5050 Square LES  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

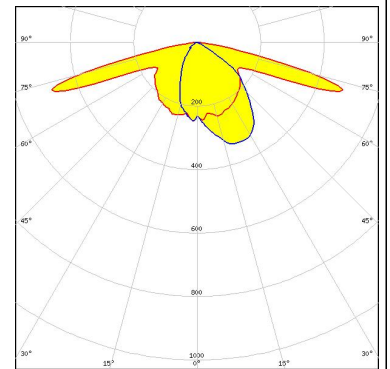
Protective plate, glass



##### LUMILEDS

LED LUXEON HL2X  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

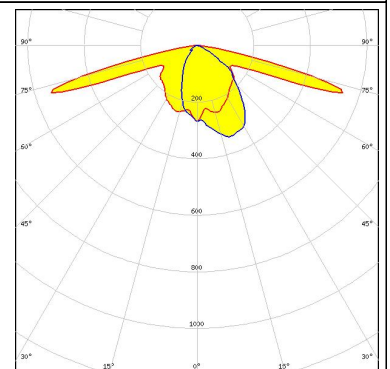
Protective plate, glass



##### Your solutions

LED RecLED 122x50mm 1900lm 730 2x4 Opt G1  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



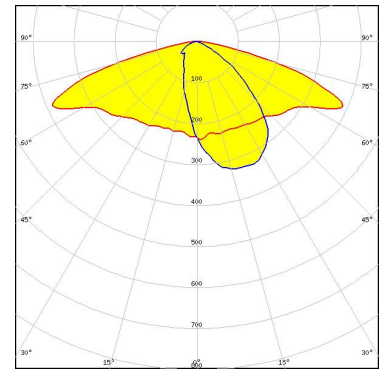


#### OPTICAL RESULTS (SIMULATED):

##### MST Your solutions

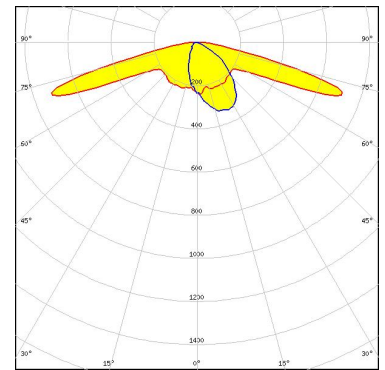
LED RecLED 122x50mm 2x4 5050  
 FWHM / FWTM Asymmetric  
 Efficiency 81 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



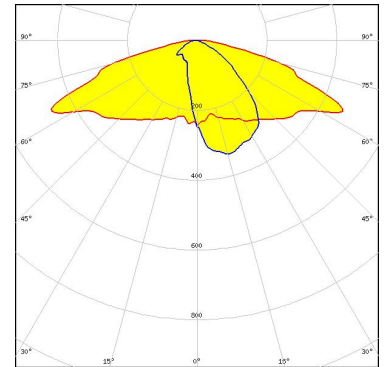
##### NICHIA

LED NV4WB35AM  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

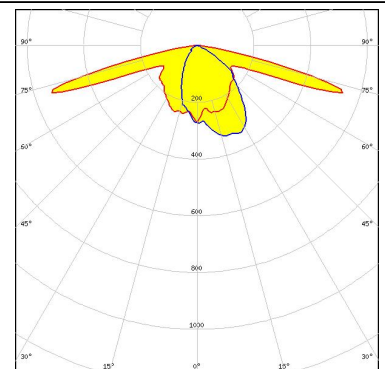
LED NVSxE21A  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



##### OSRAM Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM Asymmetric  
 Efficiency 80 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



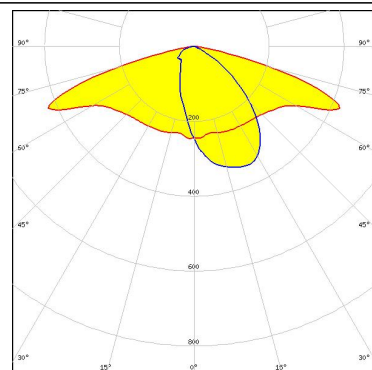


#### OPTICAL RESULTS (SIMULATED):

#### PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE  
 FWHM / FWTM Asymmetric  
 Efficiency 83 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

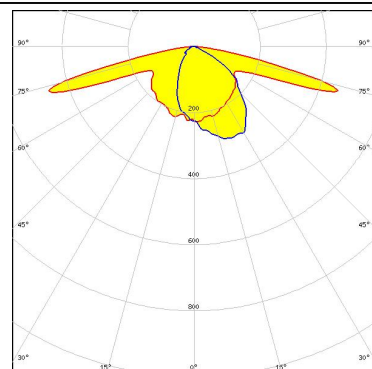
Protective plate, glass



#### PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4  
 FWHM / FWTM Asymmetric  
 Efficiency 76 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

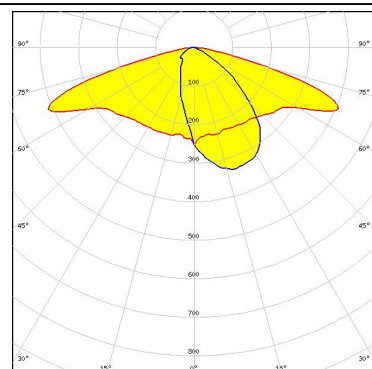
Protective plate, glass



#### SAMSUNG

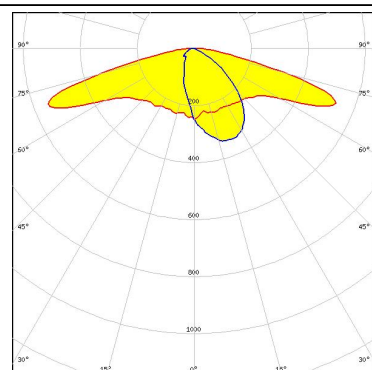
LED LH502C  
 FWHM / FWTM Asymmetric  
 Efficiency 81 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



#### SAMSUNG

LED LH502D  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

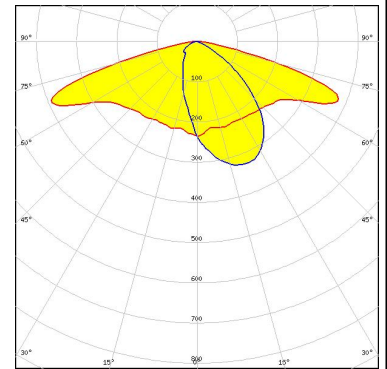


#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

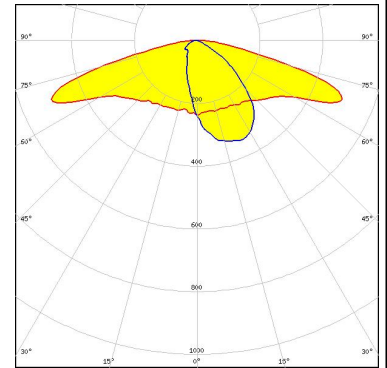
LED LH502D  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



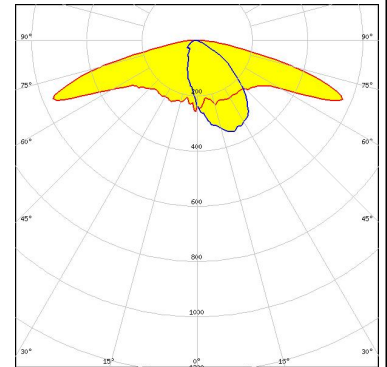
#### SEOUL SEMICONDUCTOR

LED MJT 5050  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SEOUL SEMICONDUCTOR

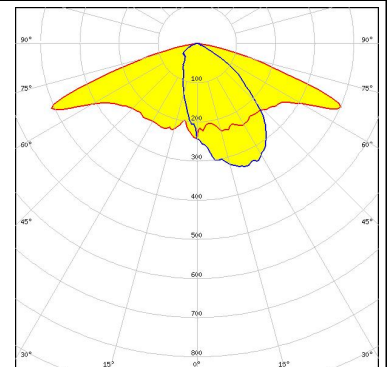
LED SEOUL DC 5050 6V  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Protective plate, glass



### 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

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
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

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