

## STRADELLA-IP-28-HB-W-PC

~90° wide beam. Variant made from PC.

## SPECIFICATION:

Dimensions	100.0 x 100.0 mm
Height	9.5 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

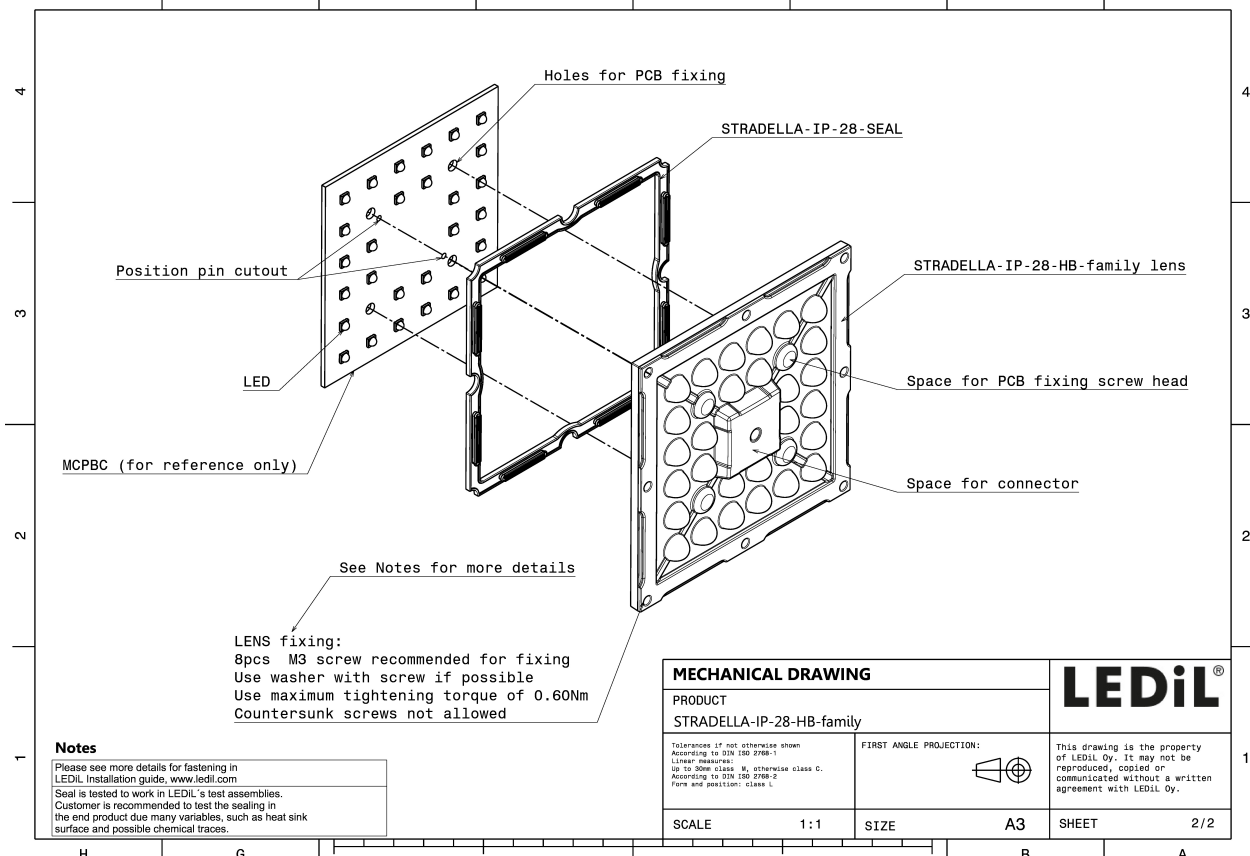
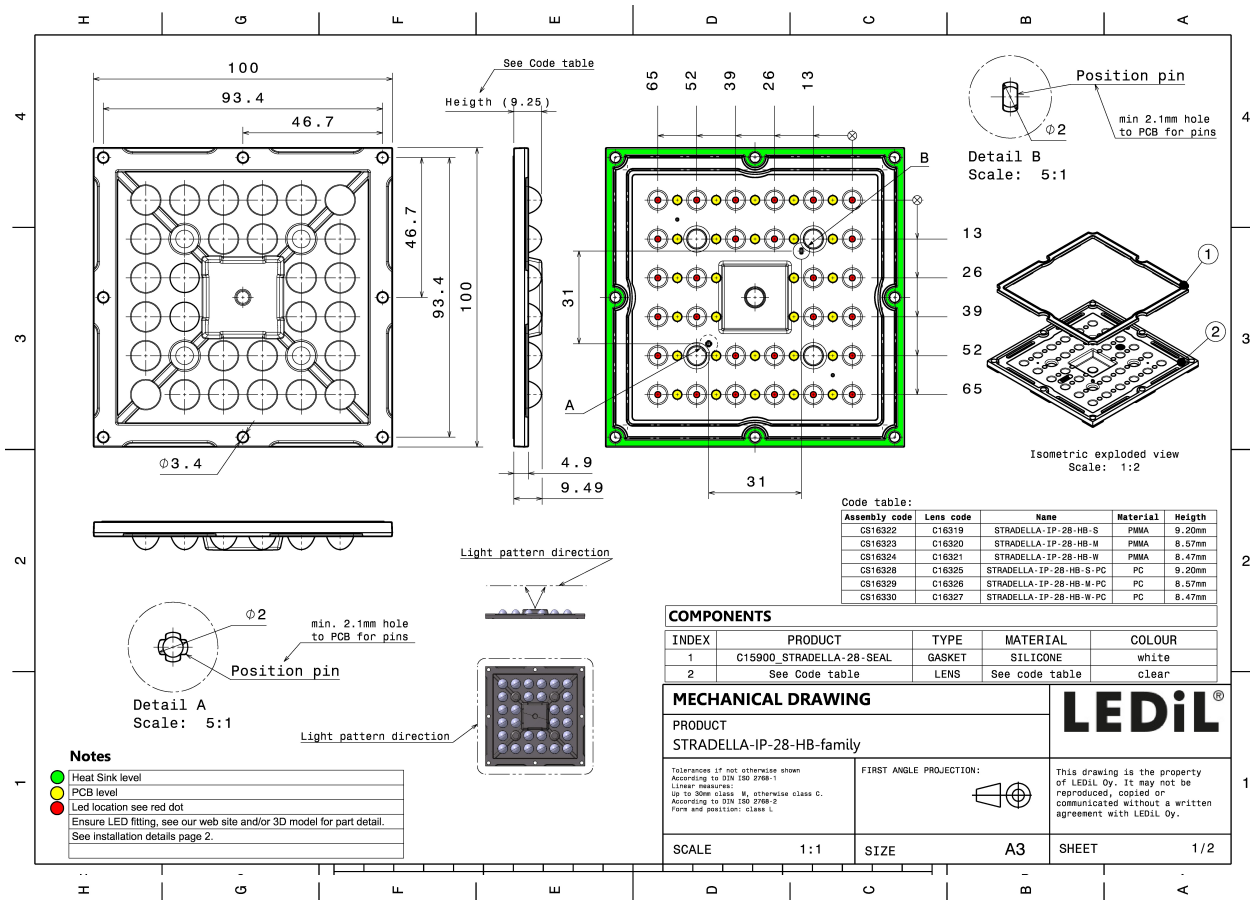
## MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-IP-28-HB-W-PC	Multi-lens	PC	clear	
STRADELLA-28-SEAL	Seal	Silicone	white	



## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16330_STRADELLA-IP-28-HB-W-PC	Multi-lens	156	78	78	5.9
» Box size: 476 x 273 x 247 mm					

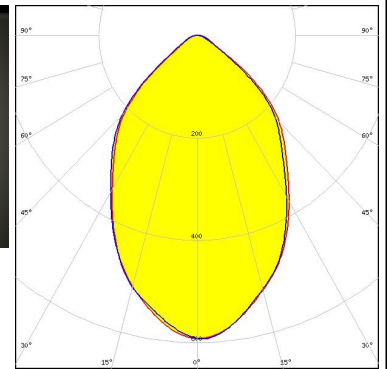


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

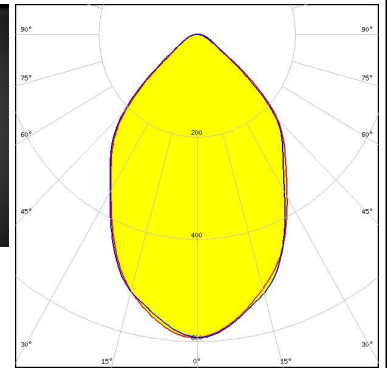
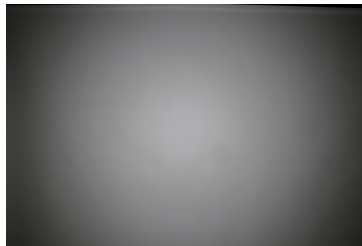
#### OPTICAL RESULTS (MEASURED):



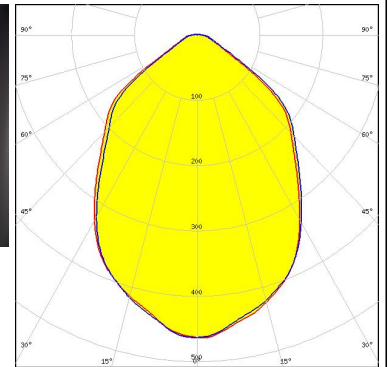
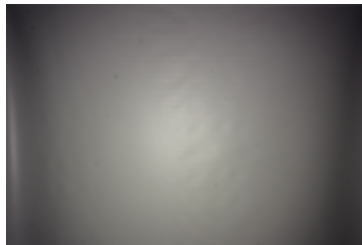
LED HiQLED STR28 CR JE2835 4x7 xxx  
 FWHM / FWTM 72.0° / 115.0°  
 Efficiency 90 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



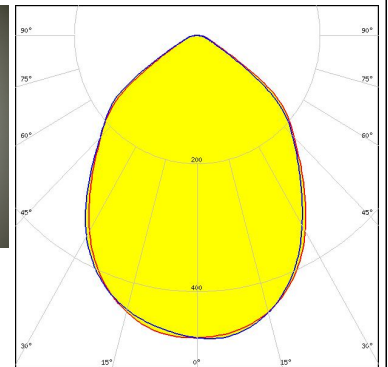
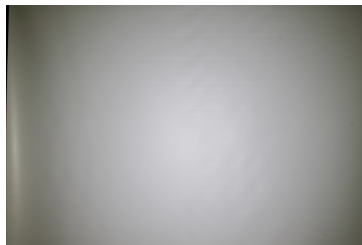
LED HiQLED STR28 CR JK3030 4x7 xxx  
 FWHM / FWTM 73.0° / 113.0°  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED QUICK FLUX STR28 XD2x14 xxx G8  
 FWHM / FWTM 82.0° / 126.0°  
 Efficiency 88 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



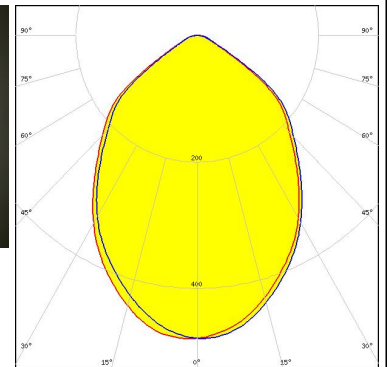
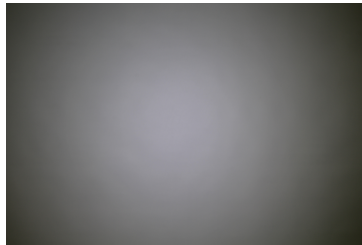
LED QUICK FLUX STR28 XT2x14 xxx G5  
 FWHM / FWTM 78.0° / 128.0°  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



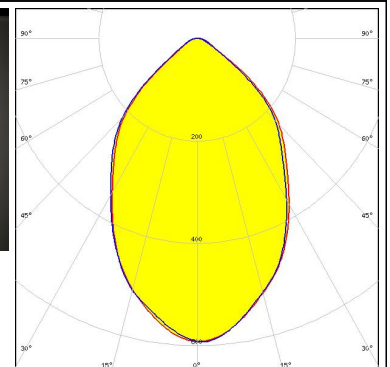
#### OPTICAL RESULTS (MEASURED):



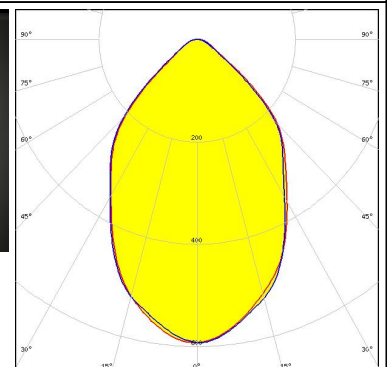
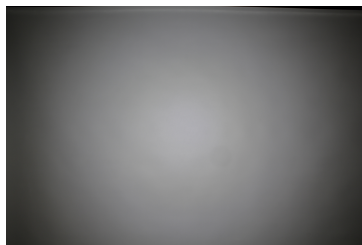
LED QUICK FLUX STR28 XT2x14 xxx G5  
 FWHM / FWTM 83.0° / 126.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



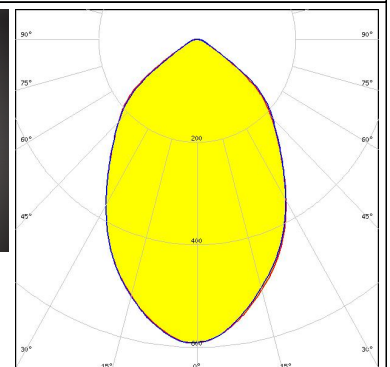
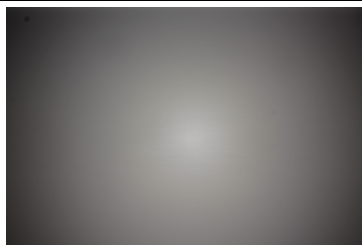
LED J Series 2835  
 FWHM / FWTM 72.0° / 115.0°  
 Efficiency 90 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED J Series 3030  
 FWHM / FWTM 73.0° / 113.0°  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED J Series 3030  
 FWHM / FWTM 73.0° / 119.0°  
 Efficiency 93 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

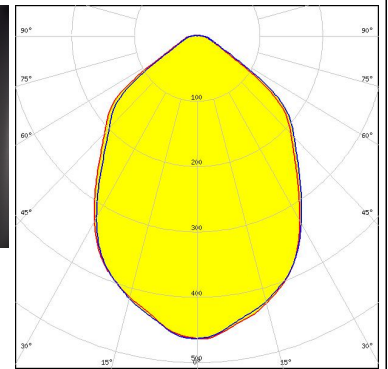
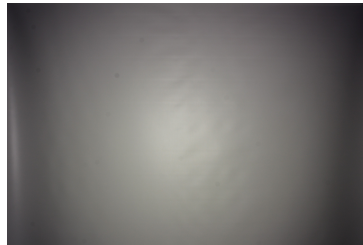




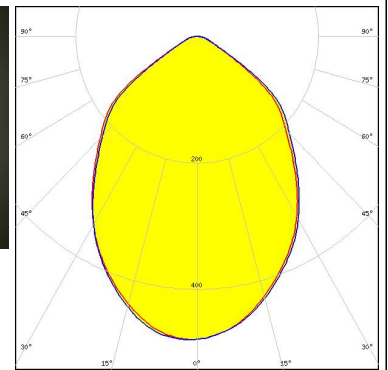
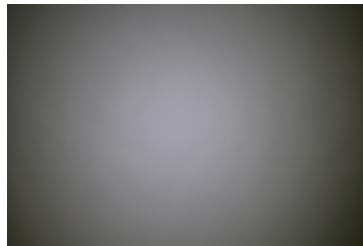
#### OPTICAL RESULTS (MEASURED):



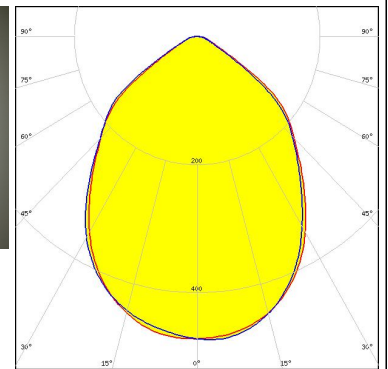
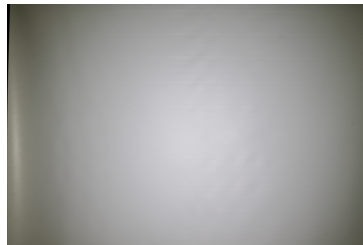
LED XD16  
FWHM / FWTM 82.0° / 126.0°  
Efficiency 88 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



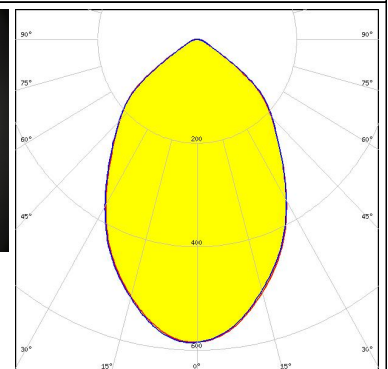
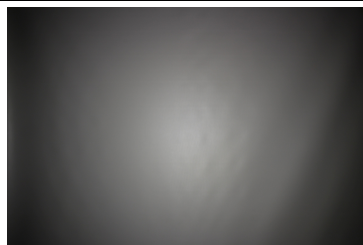
LED XP-G3  
FWHM / FWTM 83.0° / 126.0°  
Efficiency 90 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XT-E  
FWHM / FWTM 86.0° / 128.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ S 3030 (QSLR31)  
FWHM / FWTM 73.0° / 119.0°  
Efficiency 92 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

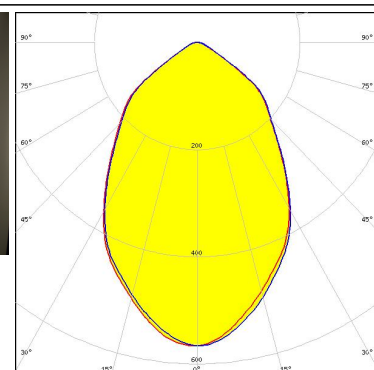
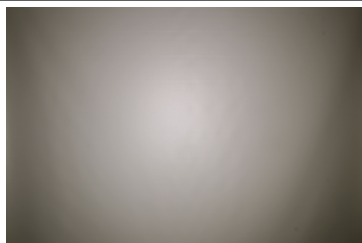


#### OPTICAL RESULTS (MEASURED):

##### OSRAM

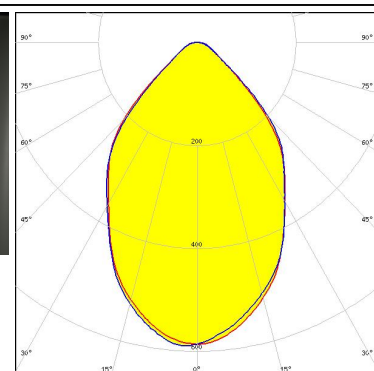
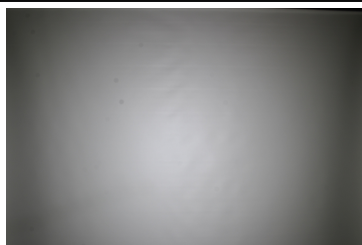
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 73.0° / 121.0°  
Efficiency 91 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



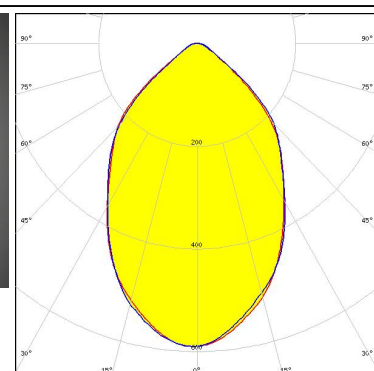
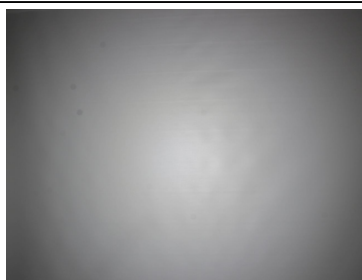
##### SAMSUNG

LED HiLOM SC28 (LH181B)  
FWHM / FWTM 74.0° / 113.0°  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### SAMSUNG

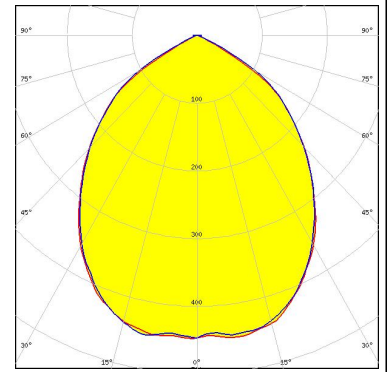
LED HiLOM SM28 (LM301B)  
FWHM / FWTM 73.0° / 115.0°  
Efficiency 90 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



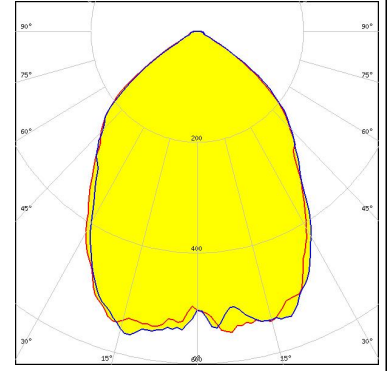
#### OPTICAL RESULTS (SIMULATED):



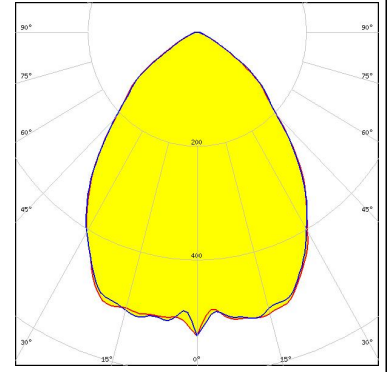
LED XP-G2 HE  
FWHM / FWTM 92.0° / 126.0°  
Efficiency 91 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



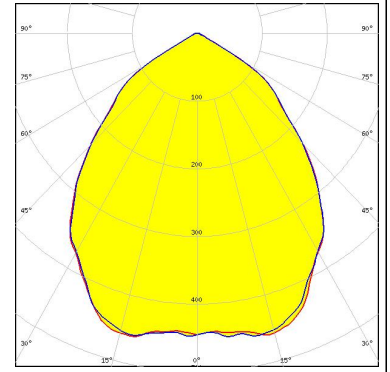
LED LUXEON 3030 2D (Round LES)  
FWHM / FWTM 76.0° / 118.0°  
Efficiency 89 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NF2x757G  
FWHM / FWTM 82.0° / 122.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



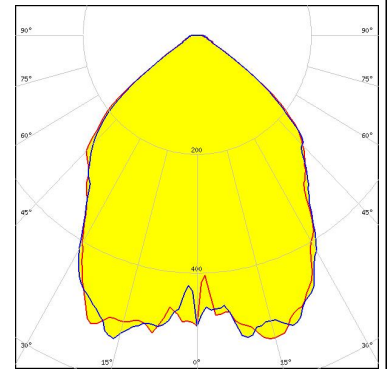
LED NVSW219F  
FWHM / FWTM 90.0° / 124.0°  
Efficiency 91 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



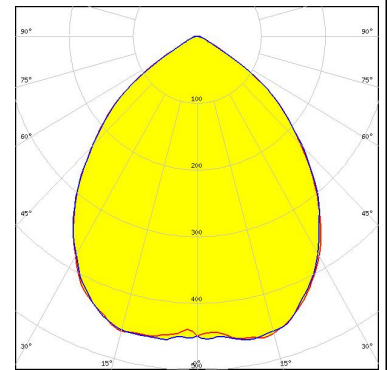
#### OPTICAL RESULTS (SIMULATED):



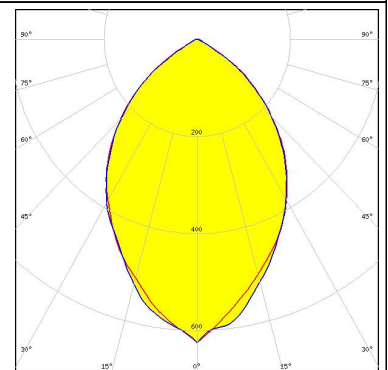
LED NVSxE21A  
FWHM / FWTM 83.0° / 118.0°  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



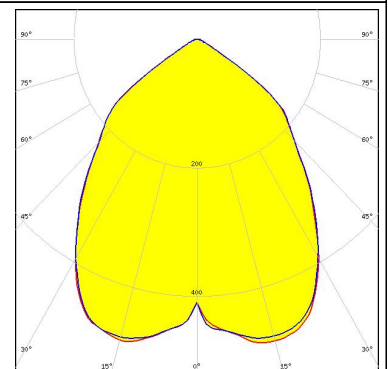
LED NVSxx19B/NVSxx19C  
FWHM / FWTM 90.0° / 122.0°  
Efficiency 91 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris S8  
FWHM / FWTM 74.0° / 118.0°  
Efficiency 92 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ C 2424  
FWHM / FWTM 86.0° / 120.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

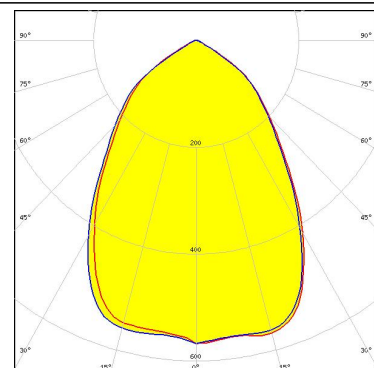


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

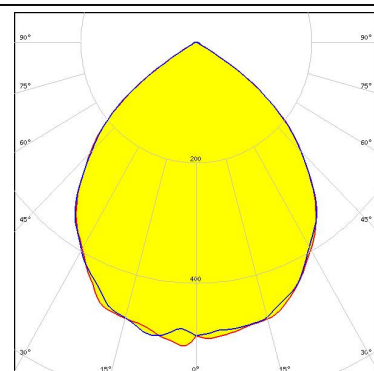
Opto Semiconductors

LED OSCONIQ P 3030  
FWHM / FWTM 76.0° / 120.0°  
Efficiency 95 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



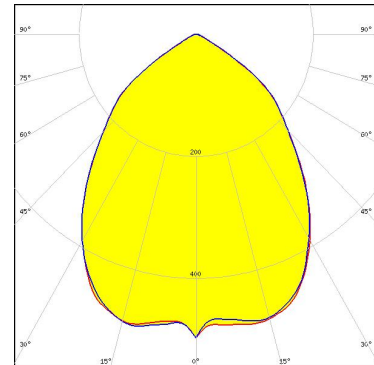
##### SAMSUNG

LED LH351C  
FWHM / FWTM 92.0° / 118.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



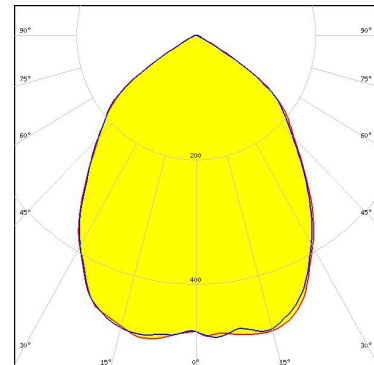
SEOUL SEMICONDUCTOR

LED SEOUL 3030  
FWHM / FWTM 85.0° / 121.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:




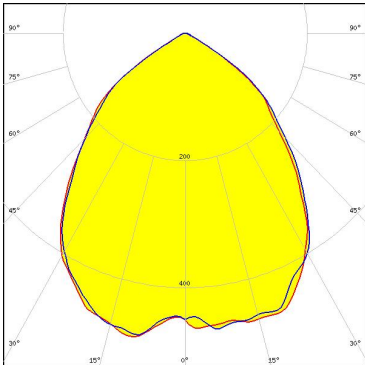
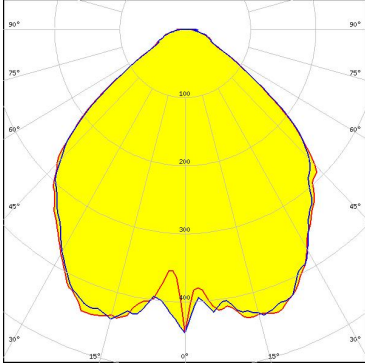
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C  
FWHM / FWTM 86.0° / 122.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





#### OPTICAL RESULTS (SIMULATED):

 <small>SEOUL SEMICONDUCTOR</small>	<p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 88.0° / 121.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
 <small>SEOUL SEMICONDUCTOR</small>	<p>LED Z8Y22</p> <p>FWHM / FWTM 95.0° / 128.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

#### 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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Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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#### Shipping locations

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#### Distribution Partners

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