

STRADELLA-IP-28-HB-W

~90° wide beam. Variant made from PMMA.

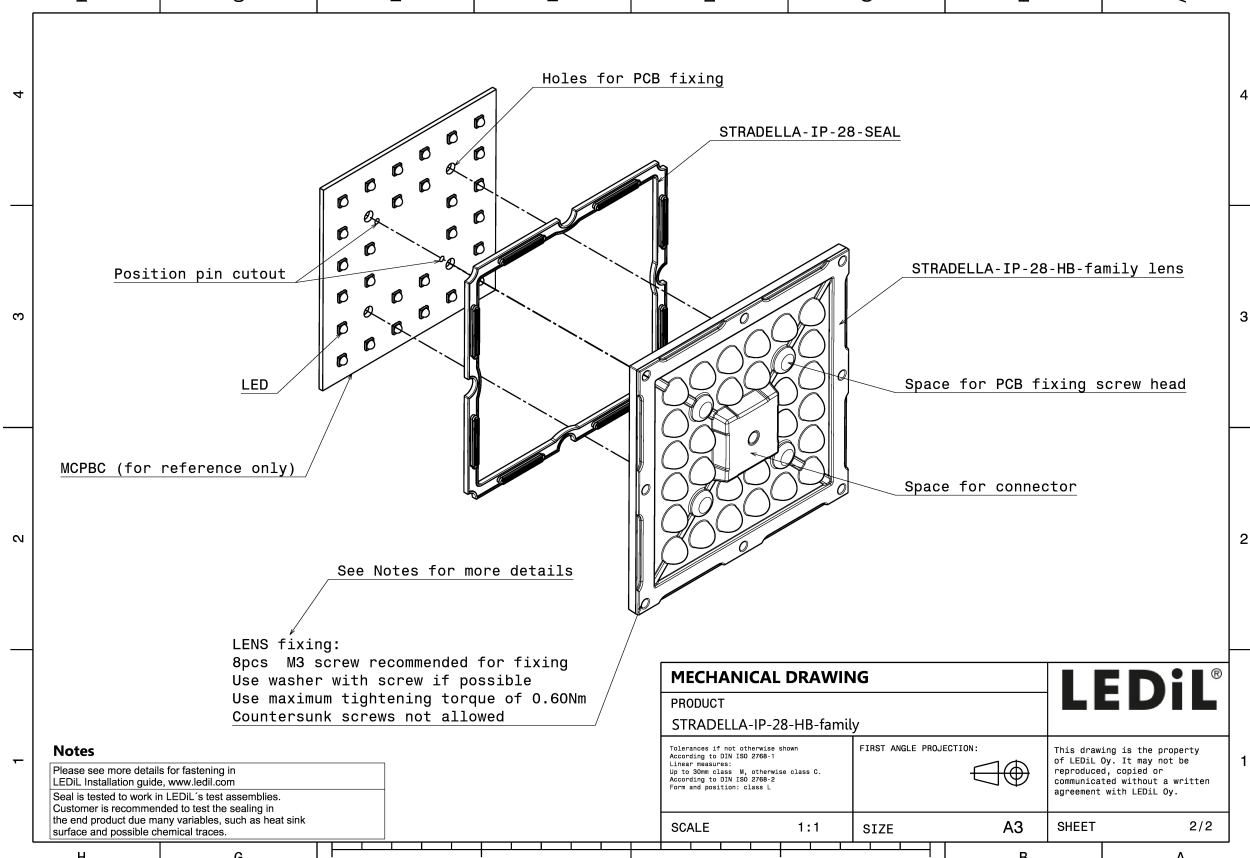
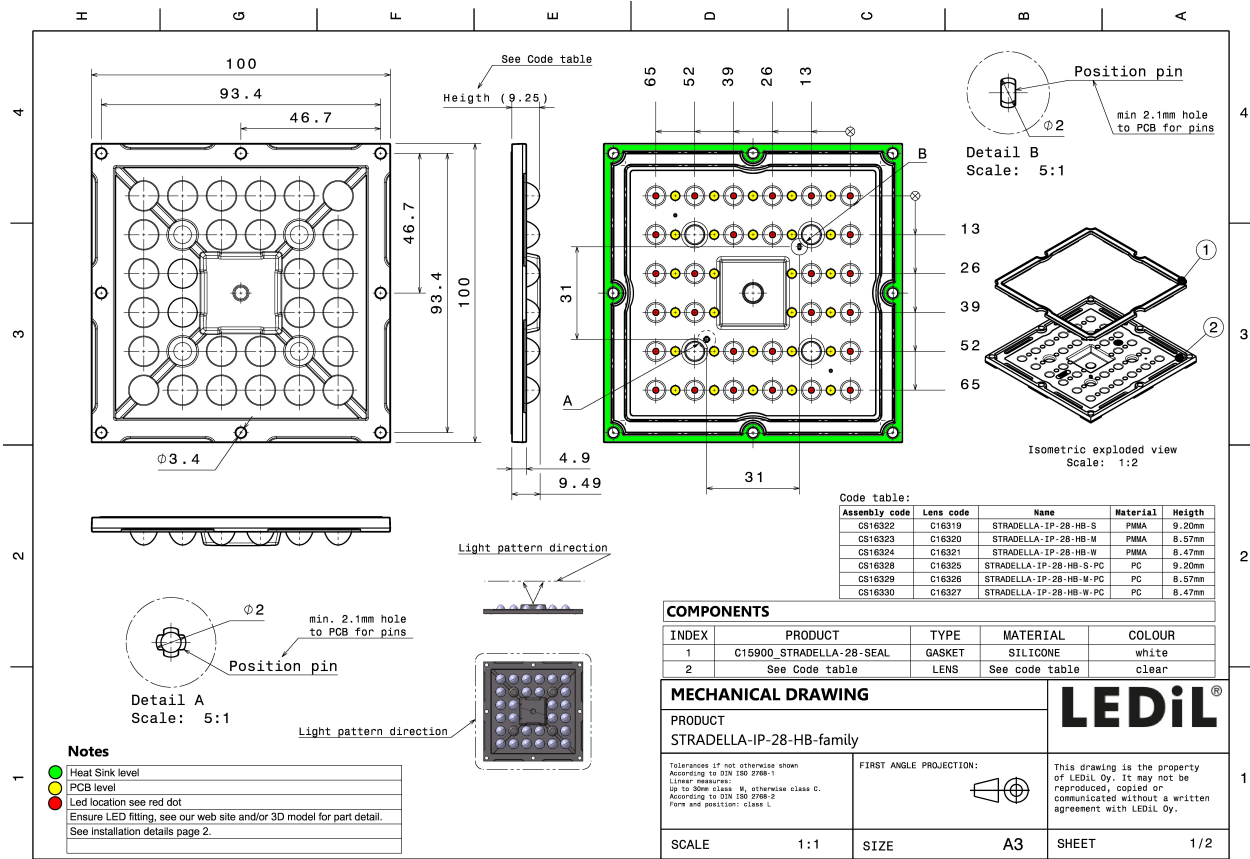
TECHNICAL SPECIFICATIONS:

Dimensions	100.0 mm
Height	9.5 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	5.9 kg
Quantity in Box	156 pcs
ROHS compliant	yes ⓘ



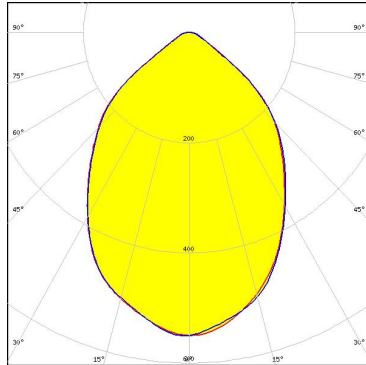

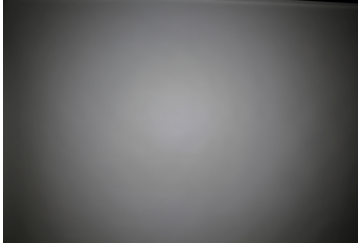
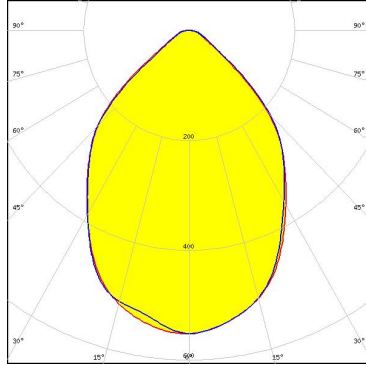

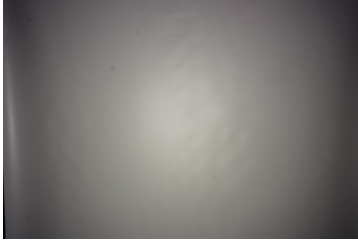
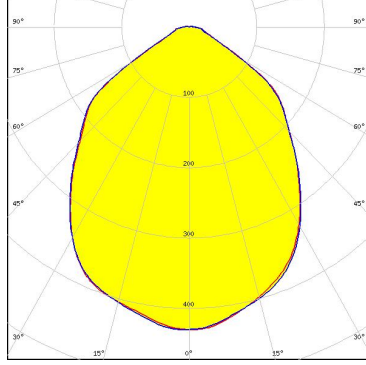


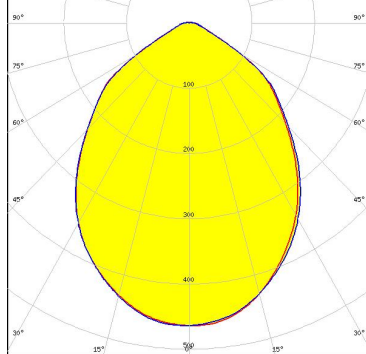


MATERIAL SPECIFICATIONS:

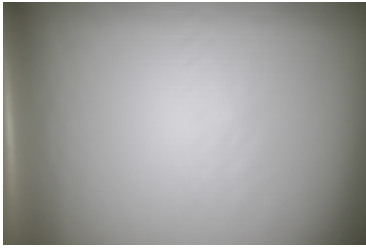
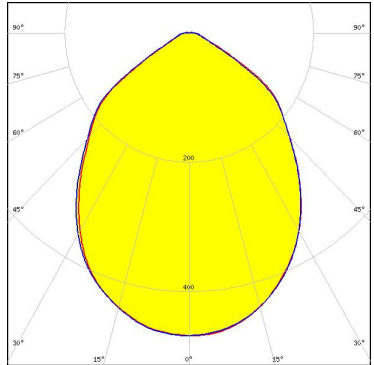

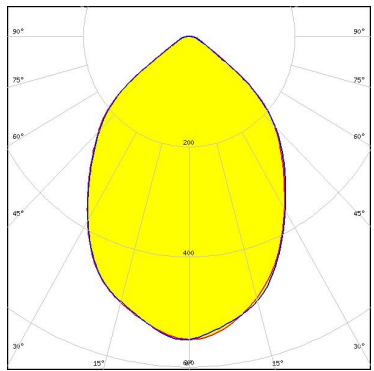

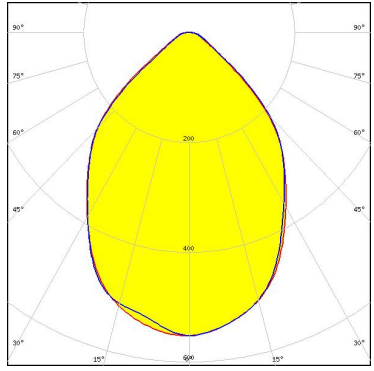
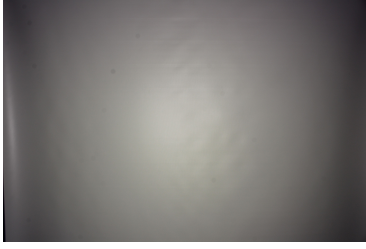
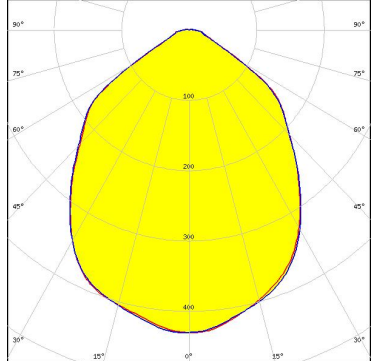
Component	Type	Material	Colour
STRADELLA-IP-28-HB-W	Multi-lens	PMMA	
STRADELLA-28-SEAL	Seal	Silicone	white



PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED HiQLED STR28 CR JE2835 4x7 xxx FWHM 81.0° Efficiency 94 % Peak intensity 0.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED HiQLED STR28 CR JÐš3030 4x7 xxx FWHM 81.0° Efficiency 93 % Peak intensity 0.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED QUICK FLUX STR28 XD2x14 xxx G8 FWHM 91.0° Efficiency 94 % Peak intensity 0.430 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED QUICK FLUX STR28 XP2x14 xxx G7 FWHM 88.0° Efficiency 94 % Peak intensity 0.500 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

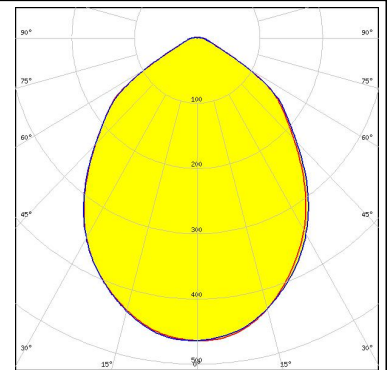
PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX STR28 XT2x14 xxx G5 FWHM 89.0° Efficiency 94 % Peak intensity 0.470 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE</p> <p>LED J Series 2835 FWHM 81.0° Efficiency 94 % Peak intensity 0.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE</p> <p>LED J Series 3030 FWHM 81.0° Efficiency 93 % Peak intensity 0.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE</p> <p>LED XD16 FWHM 91.0° Efficiency 94 % Peak intensity 0.430 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

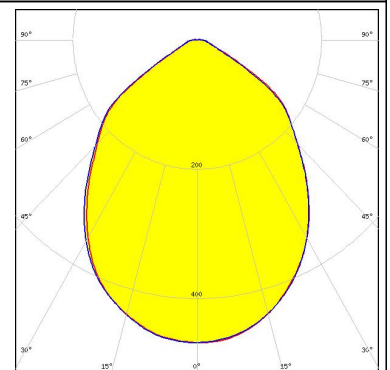
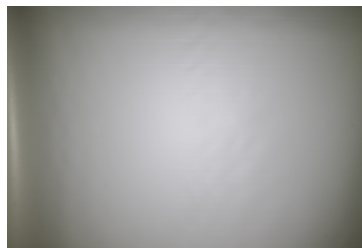
PHOTOMETRIC DATA (MEASURED):



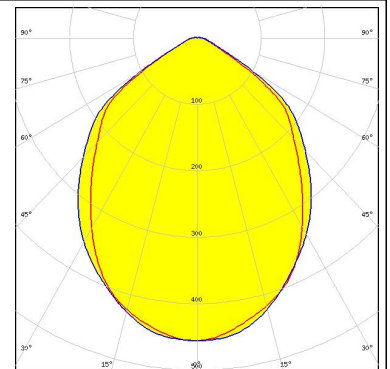
LED XP-G3
 FWHM 88.0°
 Efficiency 94 %
 Peak intensity 0.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



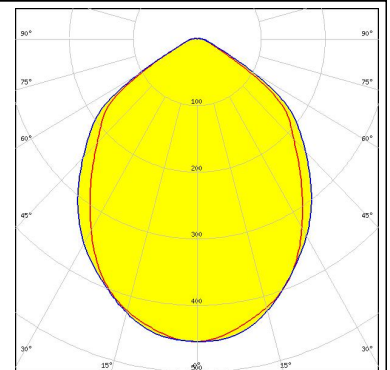
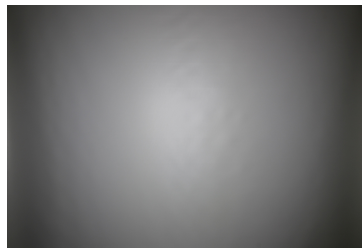
LED XT-E
 FWHM 89.0°
 Efficiency 94 %
 Peak intensity 0.470 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NF2W585AR
 FWHM 91.0°
 Efficiency 94 %
 Peak intensity 0.456 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



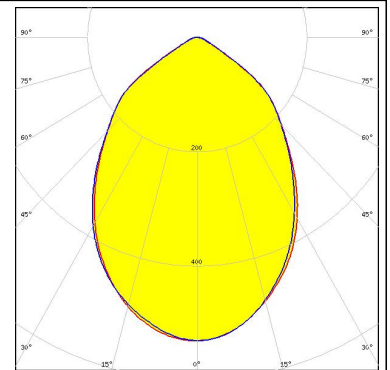
LED NF2W585AR
 FWHM 91.0°
 Efficiency 94 %
 Peak intensity 0.455 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



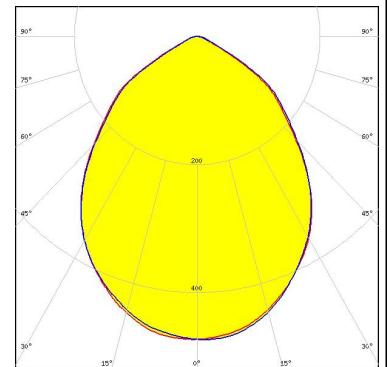
PHOTOMETRIC DATA (MEASURED):



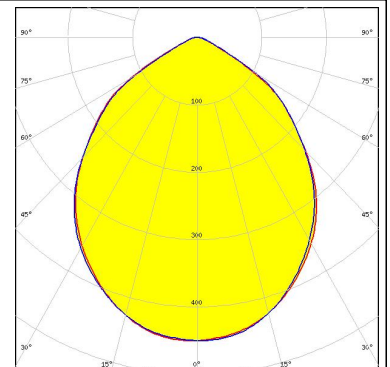
LED NF2x757G
 FWHM 81.0°
 Efficiency 94 %
 Peak intensity 0.530 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



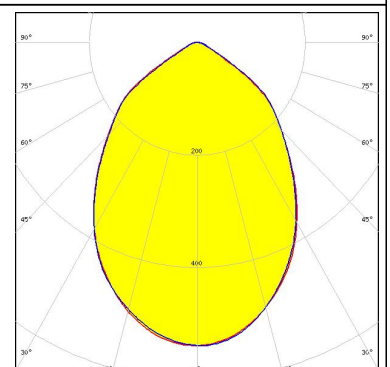
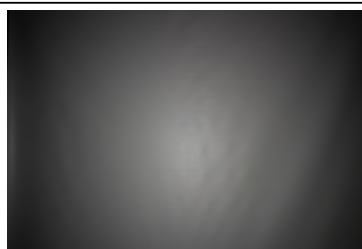
LED NVSW219F
 FWHM 89.0°
 Efficiency 94 %
 Peak intensity 0.470 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW319B
 FWHM 94.0°
 Efficiency 94 %
 Peak intensity 0.450 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



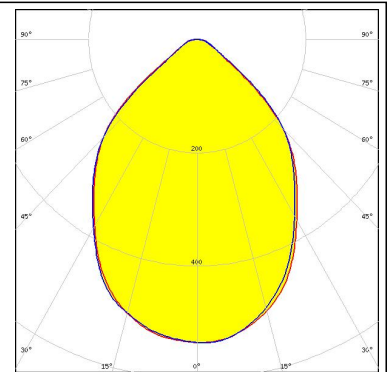
LED OSCONIQ S 3030
 FWHM 81.0°
 Efficiency 94 %
 Peak intensity 0.540 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

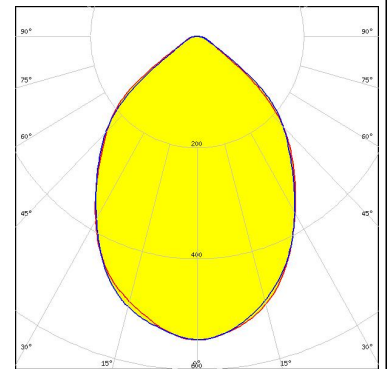
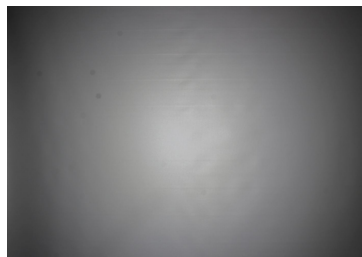
SAMSUNG

LED HiLOM SC28 (LH181B)
 FWHM 83.0°
 Efficiency 93 %
 Peak intensity 0.540 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



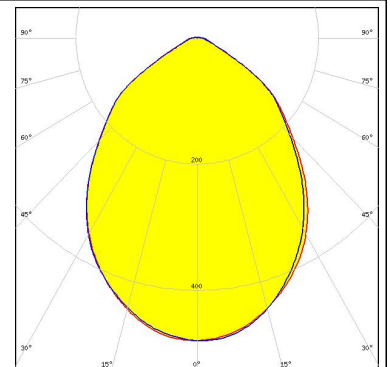
SAMSUNG

LED HiLOM SM28 (LM301B)
 FWHM 81.0°
 Efficiency 94 %
 Peak intensity 0.550 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

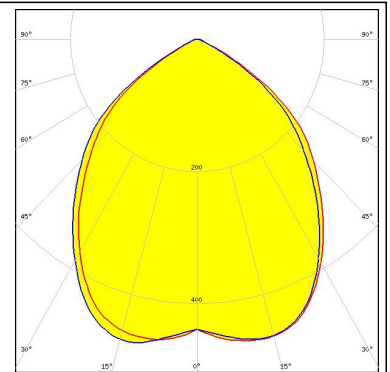
LED Z5M3
 FWHM 86.0°
 Efficiency 94 %
 Peak intensity 0.500 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



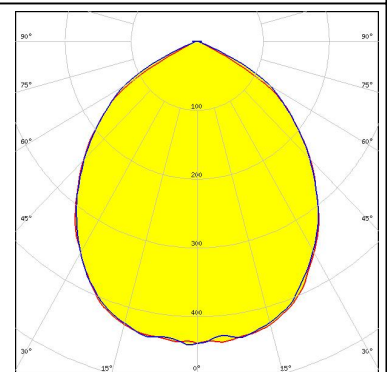
PHOTOMETRIC DATA (SIMULATED):



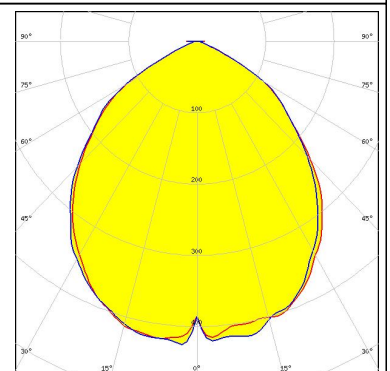
LED J Series 3030
 FWHM 91.0°
 Efficiency 94 %
 Peak intensity 0.470 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



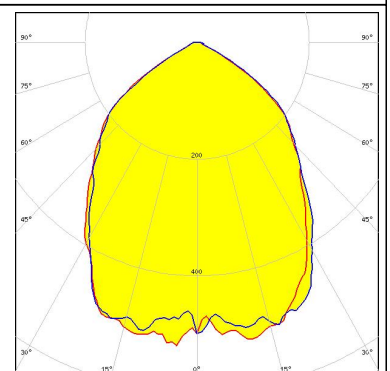
LED XP-G2 HE
 FWHM 96.0°
 Efficiency 95 %
 Peak intensity 0.446 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM 95.0°
 Efficiency 94 %
 Peak intensity 0.430 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



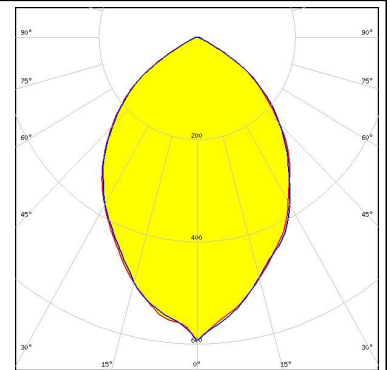
LED LUXEON 3030 2D (Round LES)
 FWHM 85.0°
 Efficiency 92 %
 Peak intensity 0.520 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



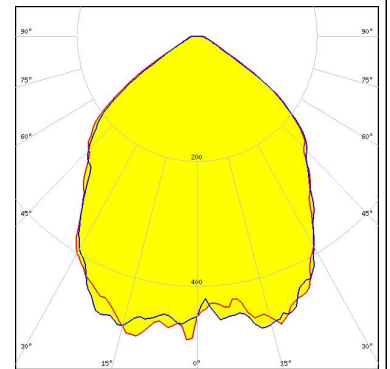
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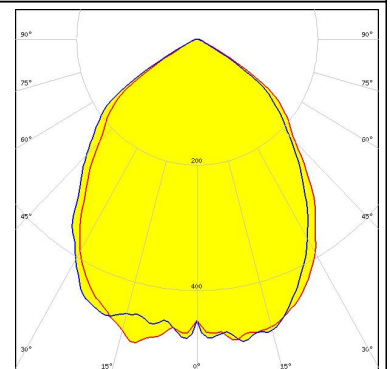
LED LUXEON 5050 Round LES
FWHM 78.0°
Efficiency 94 %
Peak intensity 0.590 cd/lm
LEDs/each optic 1
Light colour White
Required components:



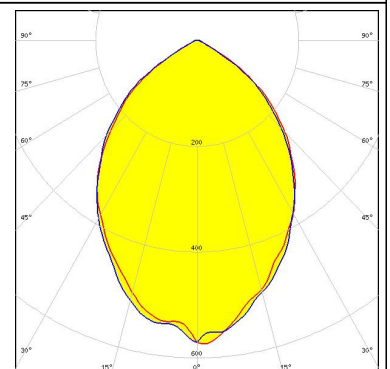
LED NVSxE21A
FWHM 87.0°
Efficiency 92 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors
LED Duris S5 (2 chip)
FWHM 86.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors
LED Duris S8
FWHM 81.0°
Efficiency 94 %
Peak intensity 0.580 cd/lm
LEDs/each optic 1
Light colour White
Required components:

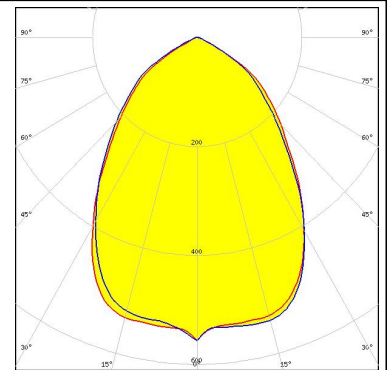


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

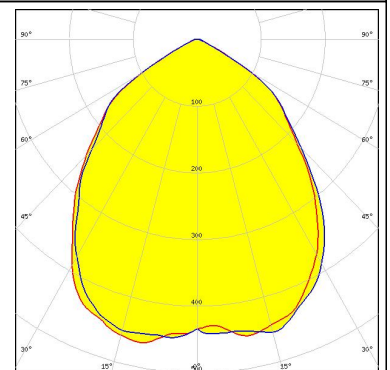
LED OSCONIQ P 3030
 FWHM 78.0°
 Efficiency 96 %
 Peak intensity 0.557 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

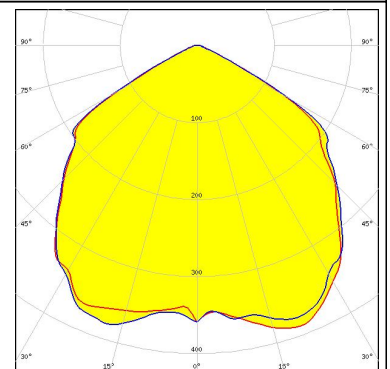
LED OSLON Square CSSRM2/CSSRM3
 FWHM 88.0°
 Efficiency 94 %
 Peak intensity 0.470 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

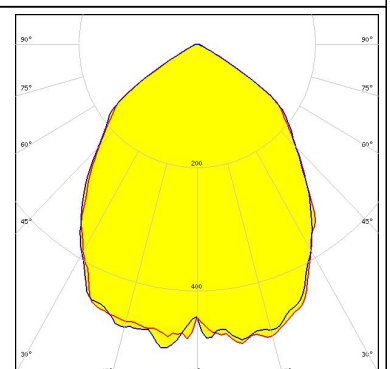
Opto Semiconductors

LED OSLON SSL 150
 FWHM 107.0°
 Efficiency 94 %
 Peak intensity 0.390 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

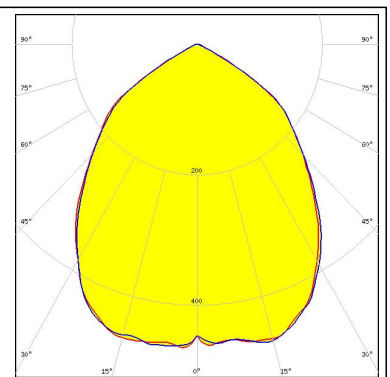
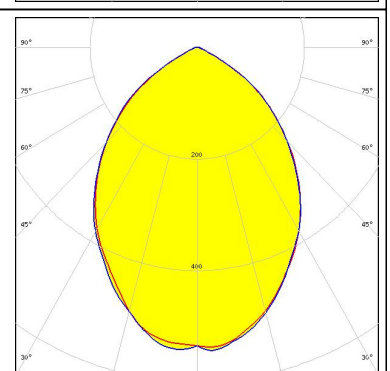
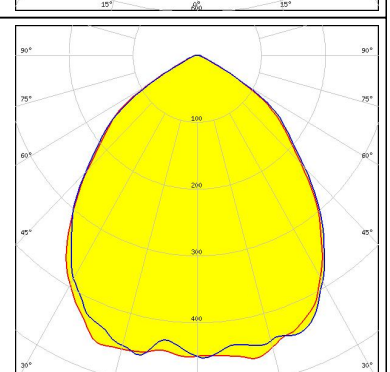
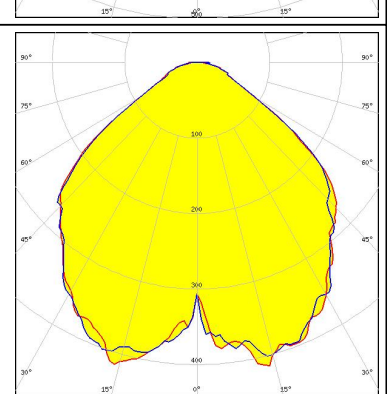


SAMSUNG

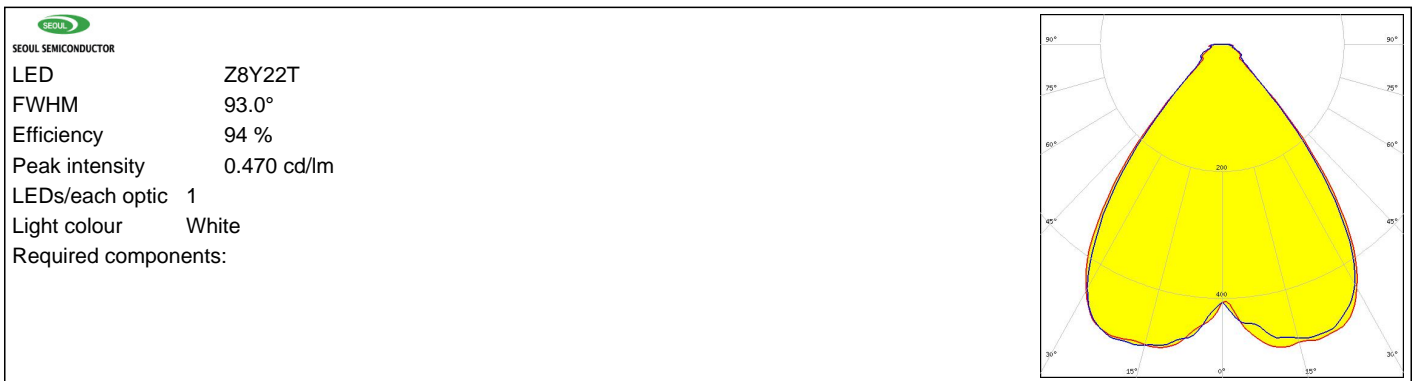
LED LM301B
 FWHM 87.0°
 Efficiency 94 %
 Peak intensity 0.510 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030C FWHM: 91.0° Efficiency: 96 % Peak intensity: 0.475 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 5050 6V FWHM: 82.0° Efficiency: 94 % Peak intensity: 0.550 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z5M1/Z5M2 FWHM: 91.0° Efficiency: 94 % Peak intensity: 0.470 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22 FWHM: 100.0° Efficiency: 92 % Peak intensity: 0.418 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

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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LEDiL Oy

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Hong Kong, China

Distribution Partners

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