


STRADELLA-IP-28-HB-M

~65° medium beam. Variant made from PMMA.

TECHNICAL SPECIFICATIONS:

Dimensions	100.0 mm
Height	9.5 mm
Fastening	pin, screw
ROHS compliant	yes 

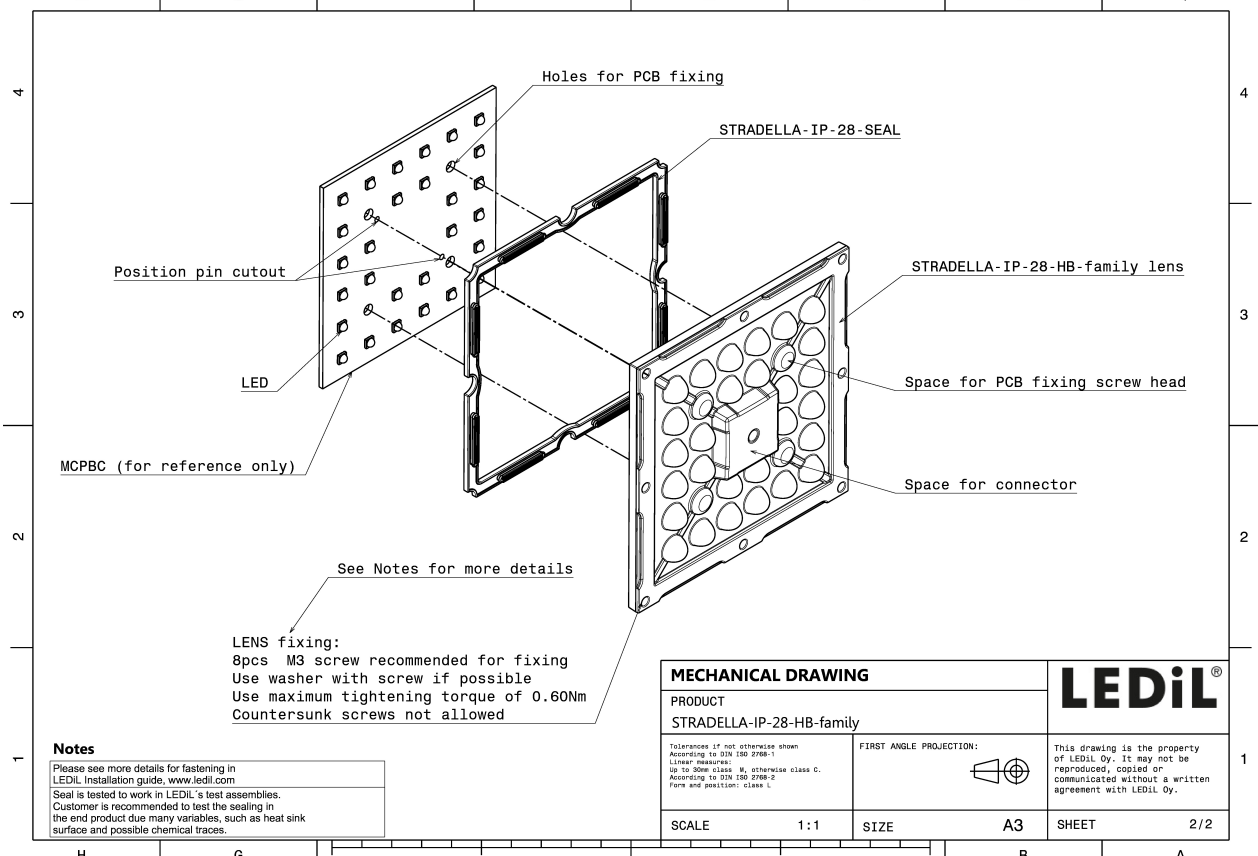
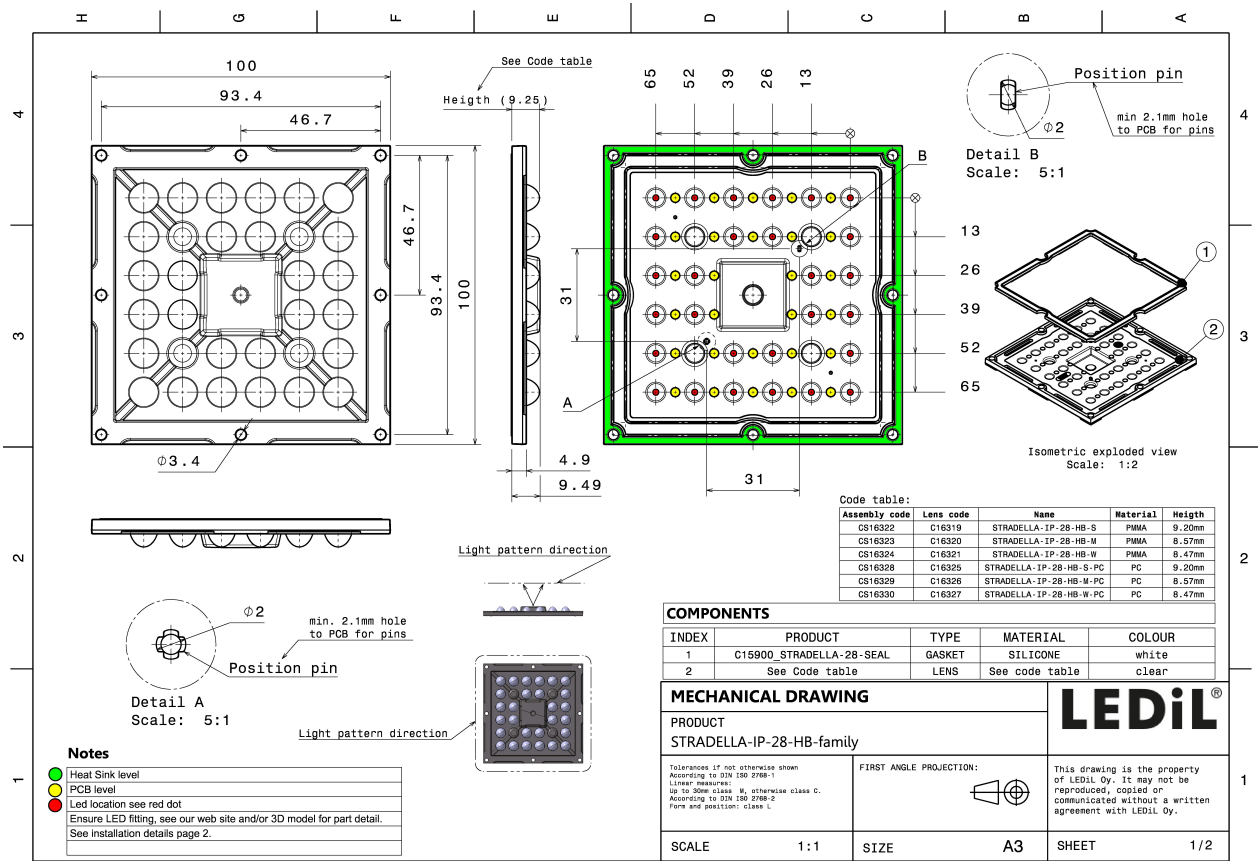
MATERIAL SPECIFICATIONS:

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



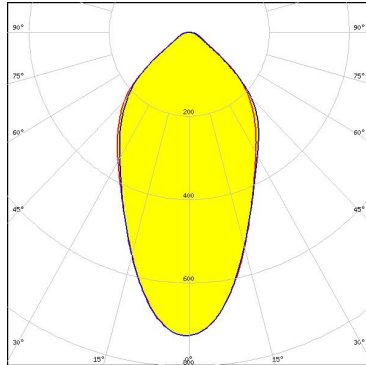

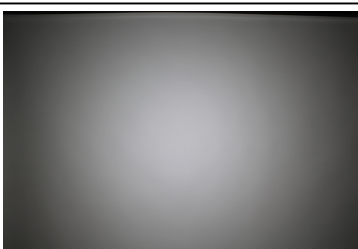
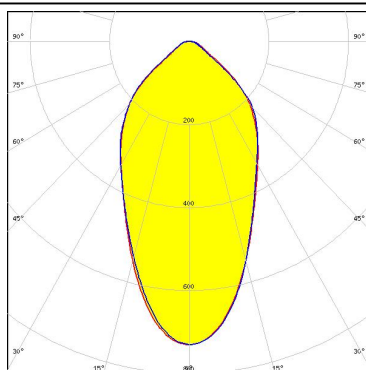

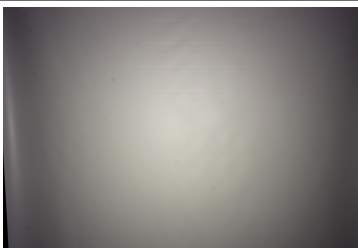
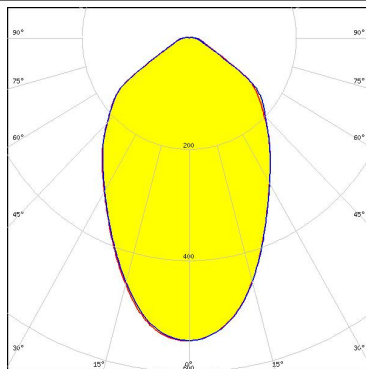


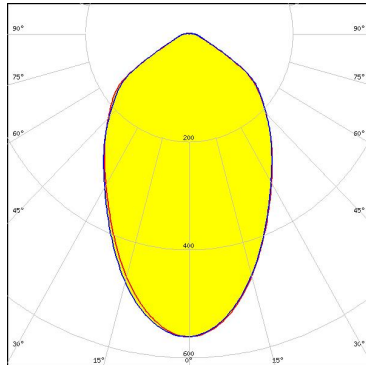


ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16323_STRADELLA-IP-28-HB-M	Multi-lens	156	78	78	5.8
» Box size: 476 x 273 x 247 mm					



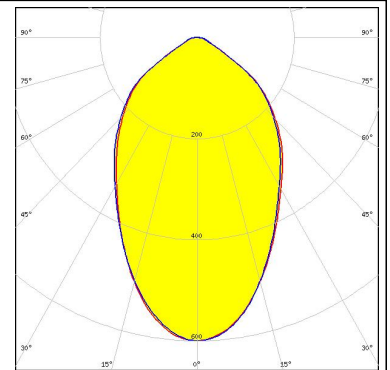
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED HiQLED STR28 CR JE2835 4x7 xxx FWHM 56.0° Efficiency 92 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED HiQLED STR28 CR JÐš3030 4x7 xxx FWHM 55.0° Efficiency 92 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED QUICK FLUX STR28 XD2x14 xxx G8 FWHM 71.0° Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED QUICK FLUX STR28 XP2x14 xxx G7 FWHM 71.0° Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

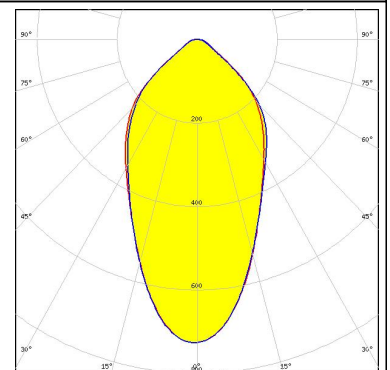
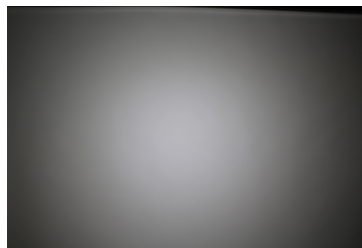
PHOTOMETRIC DATA (MEASURED):



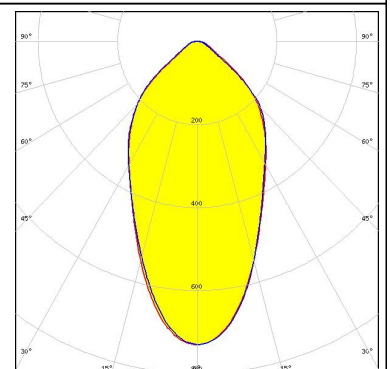
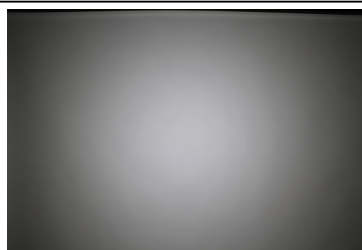
LED QUICK FLUX STR28 XT2x14 xxx G5
FWHM 70.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



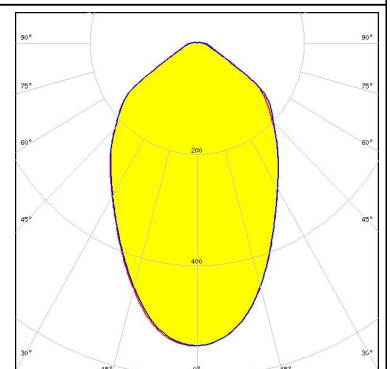
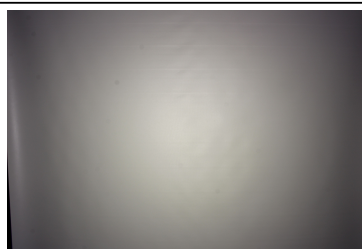
LED J Series 2835
FWHM 56.0°
Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED J Series 3030
FWHM 55.0°
Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



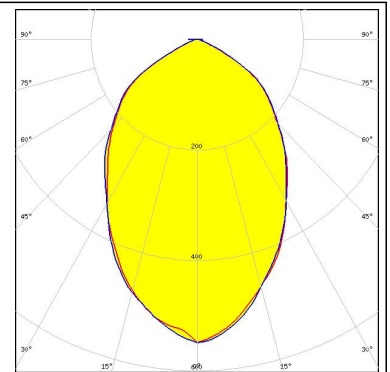
LED XD16
FWHM 71.0°
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



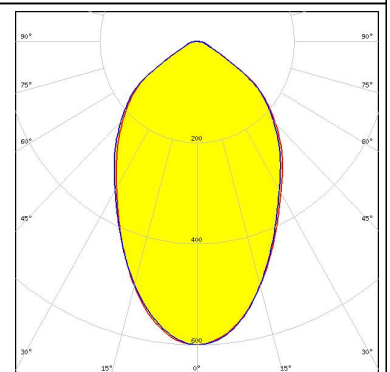
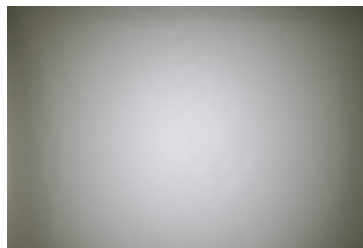
PHOTOMETRIC DATA (MEASURED):



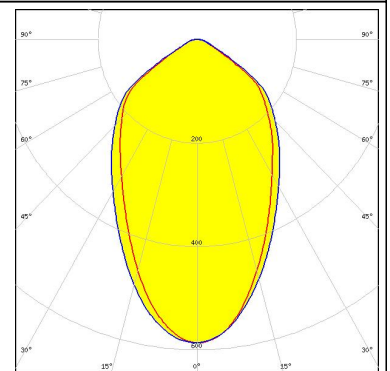
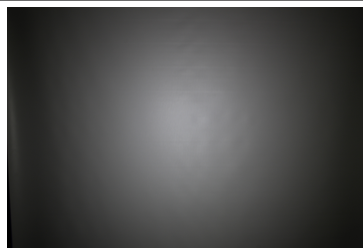
LED XP-G3
 FWHM 71.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



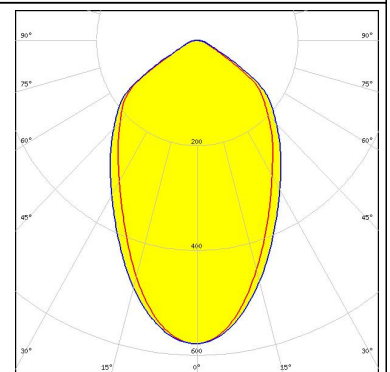
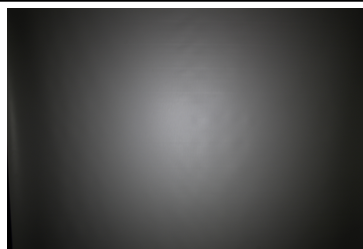
LED XT-E
 FWHM 70.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NF2W585AR
 FWHM 67.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



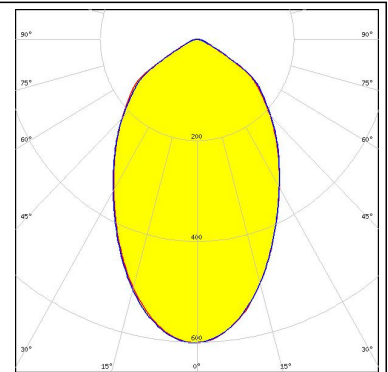
LED NF2W585AR
 FWHM 68.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



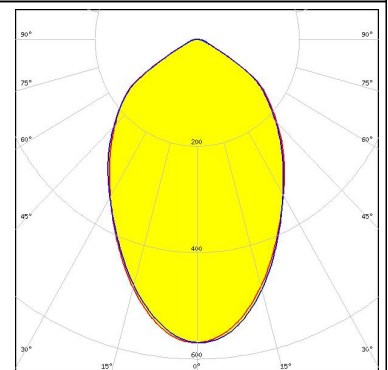
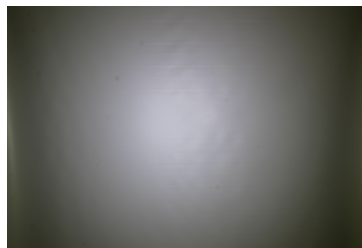
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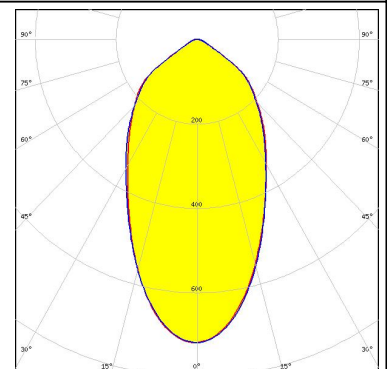
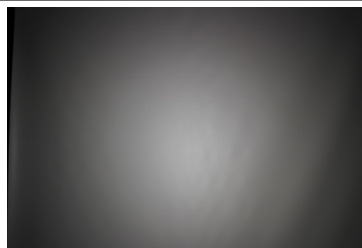
LED NVSW219F
 FWHM 69.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



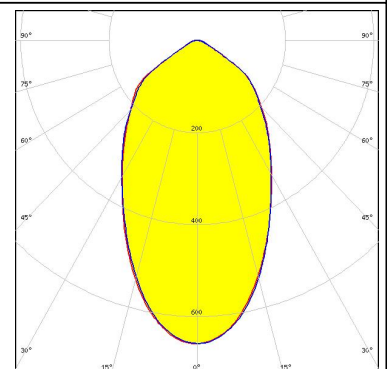
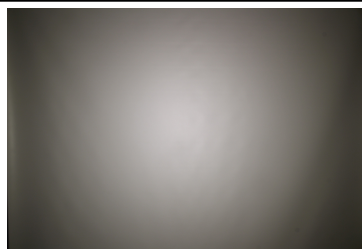
LED NVSW319B
 FWHM 74.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM Opto Semiconductors
 LED OSCONIQ S 3030
 FWHM 57.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



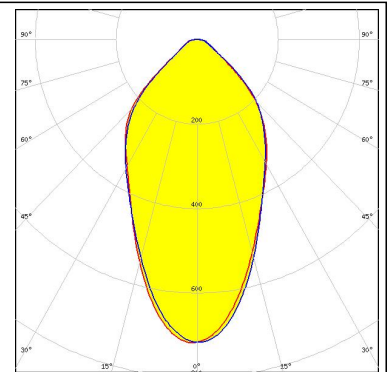
OSRAM Opto Semiconductors
 LED OSLOM Square CSSRM2/CSSRM3
 FWHM 62.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

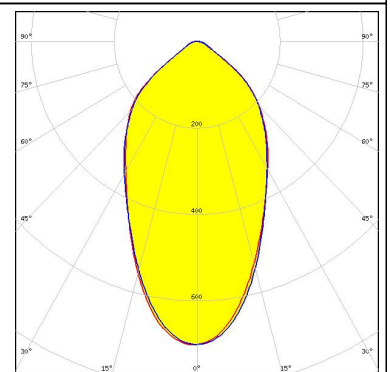
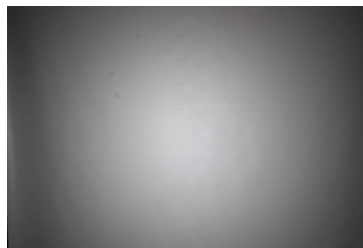
SAMSUNG

LED HiLOM SC28 (LH181B)
 FWHM 57.0°
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



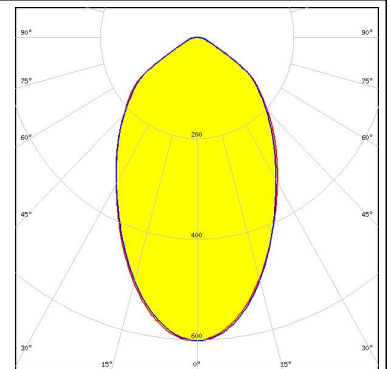
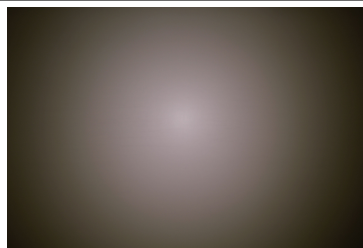
SAMSUNG

LED HiLOM SM28 (LM301B)
 FWHM 58.0°
 Efficiency 93 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOL SEMICONDUCTOR

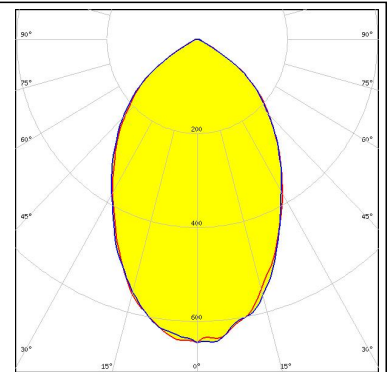
LED Z5M3
 FWHM 67.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



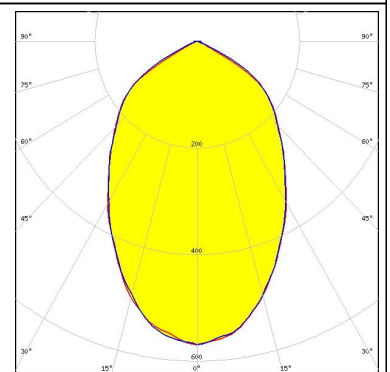
PHOTOMETRIC DATA (SIMULATED):



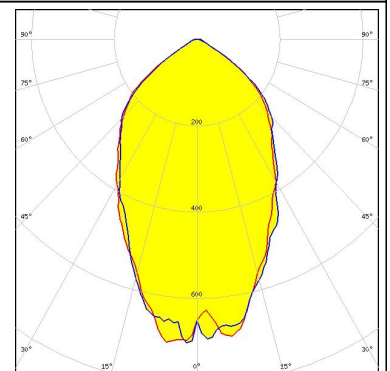
LED J Series 5050
 FWHM 70.0°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



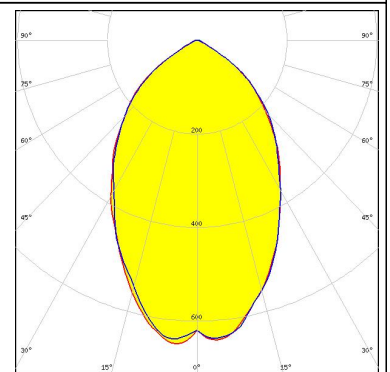
LED XP-G2 HE
 FWHM 74.0°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 3030 2D (Round LES)
 FWHM 58.0°
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



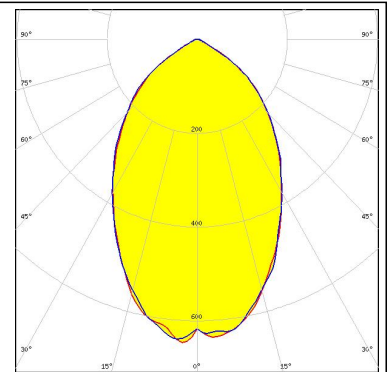
LED LUXEON 5050 Round LES
 FWHM 69.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



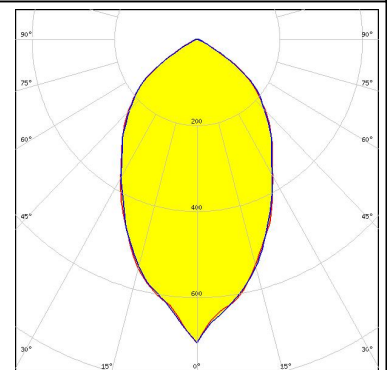
PHOTOMETRIC DATA (SIMULATED):



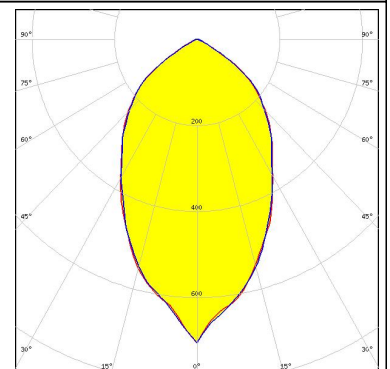
LED LUXEON 5050 Square LES
FWHM 70.0°
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



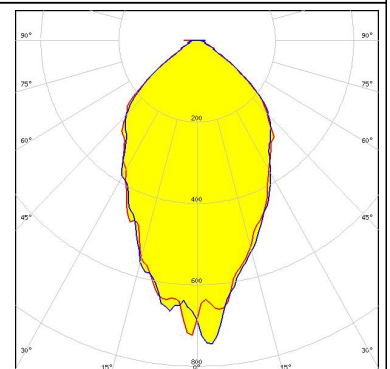
LED NF2x757G
FWHM 63.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



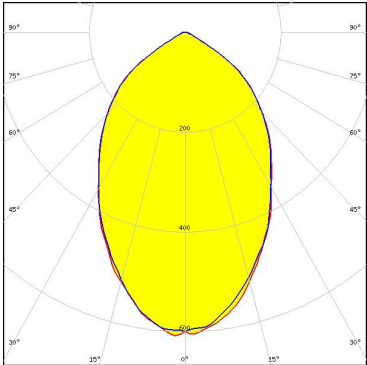
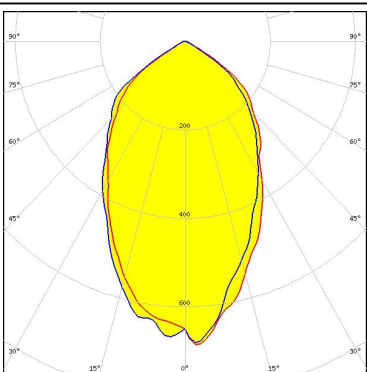
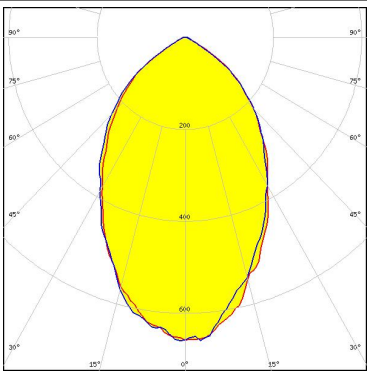
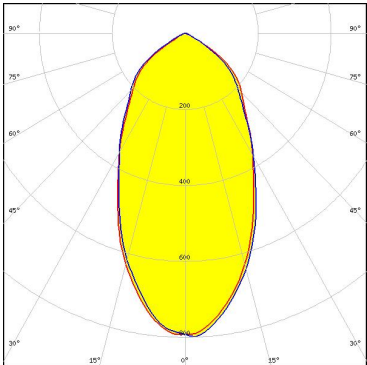
LED NF2x757G
FWHM 63.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM 58.0°
Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

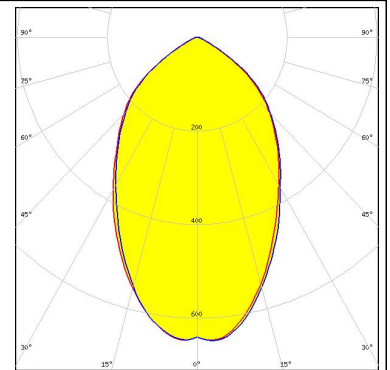
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM: 73.0° Efficiency: 95 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S5 (2 chip) FWHM: 64.0° Efficiency: 94 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S8 FWHM: 67.0° Efficiency: 94 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3030 FWHM: 56.0° Efficiency: 96 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

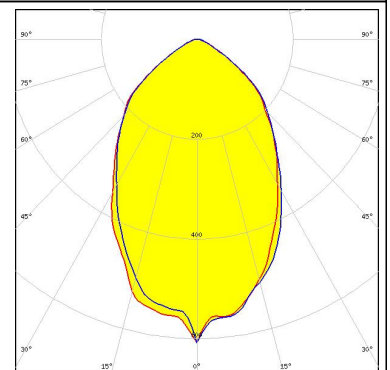
LED OSCONIQ P 3737 (2W version)
 FWHM 68.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

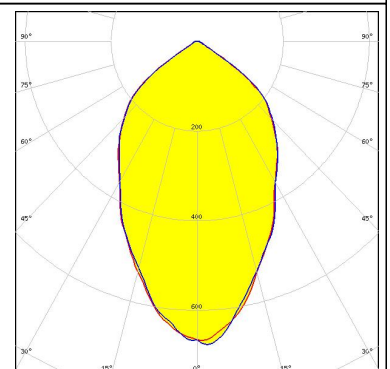
Opto Semiconductors

LED OSOLON Square CSSRM2/CSSRM3
 FWHM 68.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



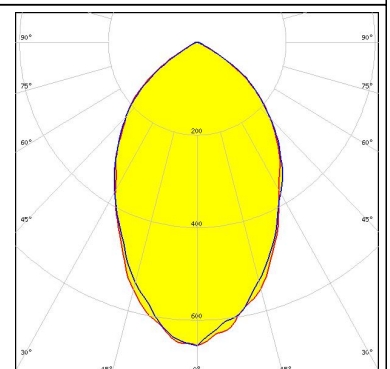
SAMSUNG

LED LH181B
 FWHM 65.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

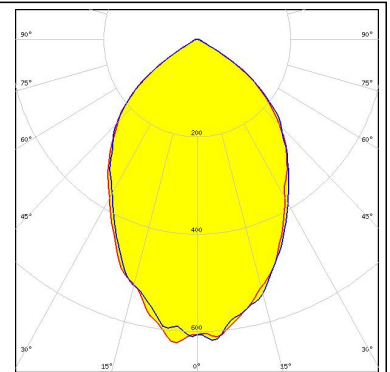
LED LH351B
 FWHM 71.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

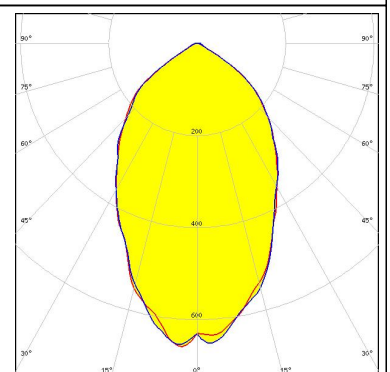
SAMSUNG

LED LH351C
FWHM 75.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



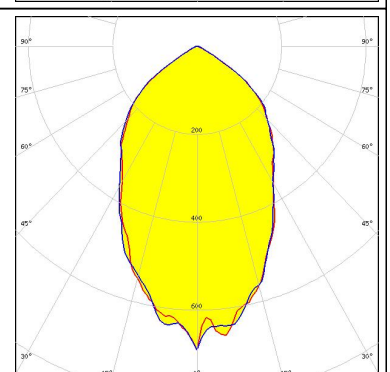
SAMSUNG

LED LM28xB Series
FWHM 66.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



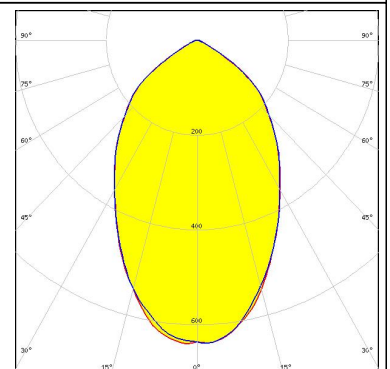
SAMSUNG

LED LM301B
FWHM 63.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:


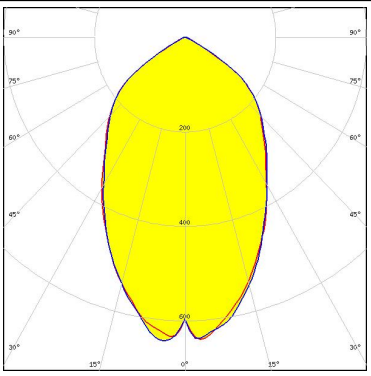

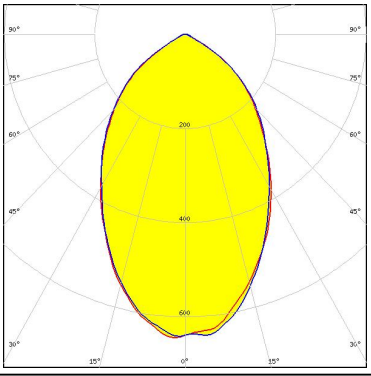

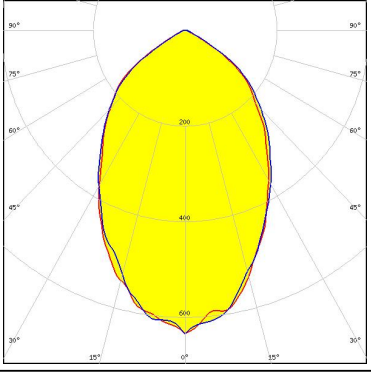

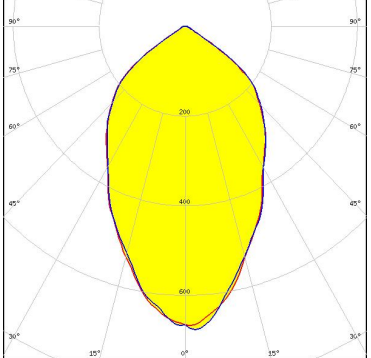


SEOUL SEMICONDUCTOR

LED SEOUL 3030
FWHM 69.0°
Efficiency 95 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030 FWHM: 68.0° Efficiency: 96 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 5050 6V FWHM: 69.0° Efficiency: 94 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: Z5M1/Z5M2 FWHM: 70.0° Efficiency: 94 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y19 FWHM: 65.0° Efficiency: 94 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22 FWHM 76.0° Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22T FWHM 69.0° Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White 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.

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