

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 ⓘ

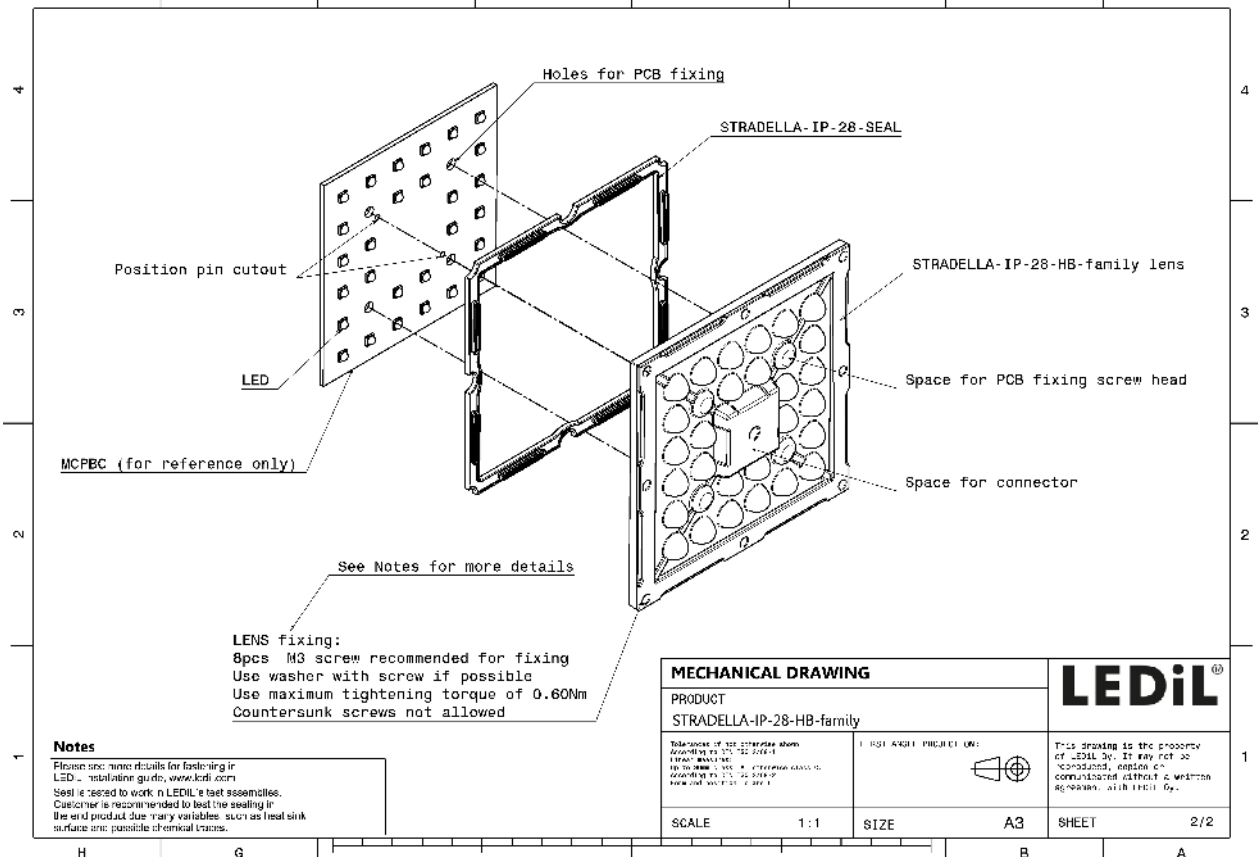
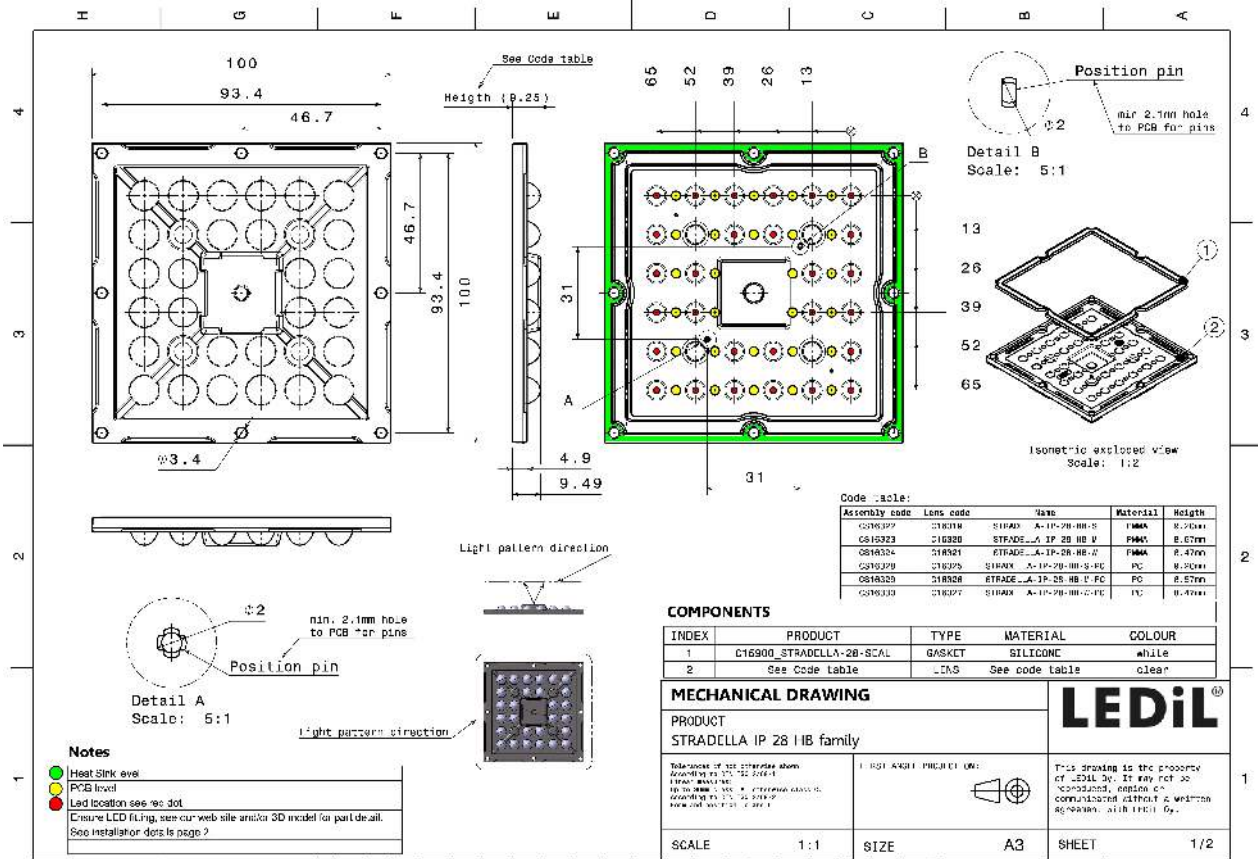
MATERIALS:

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





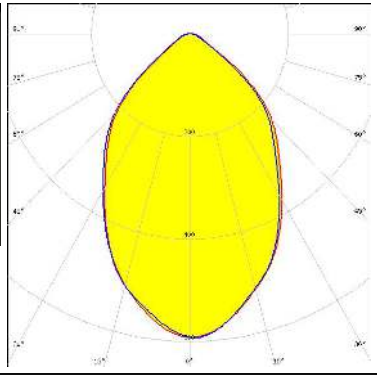


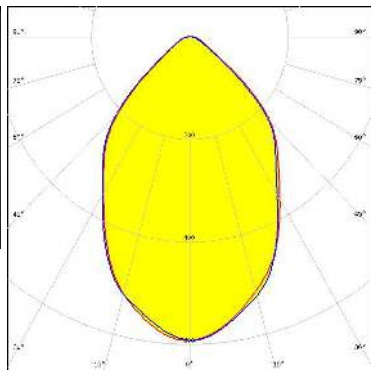

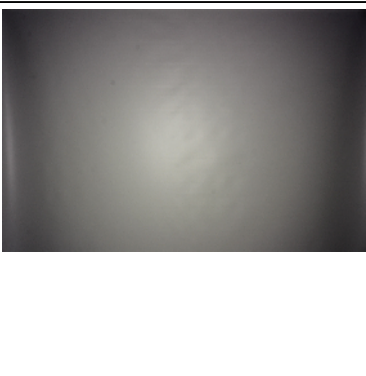
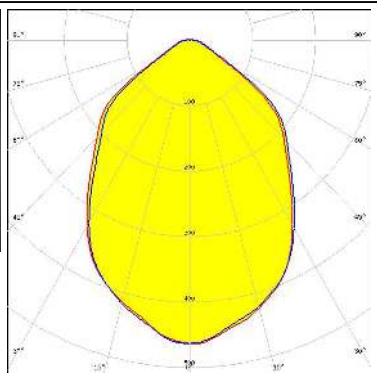


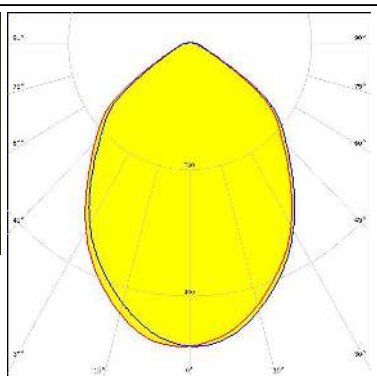
ORDERING INFORMATION:

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


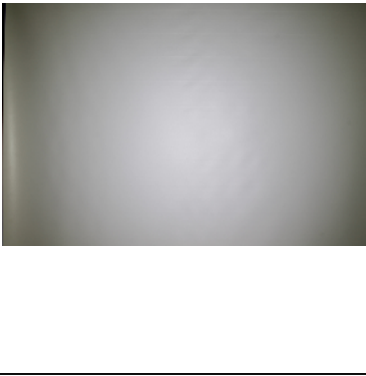
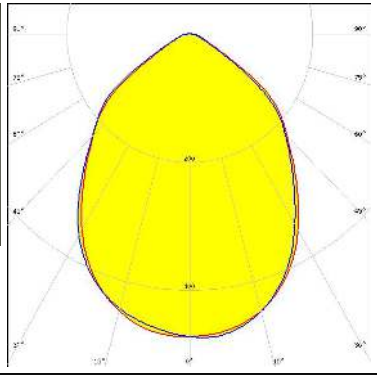


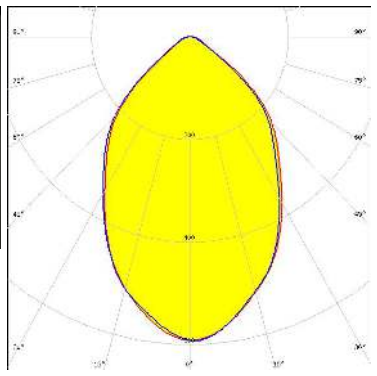


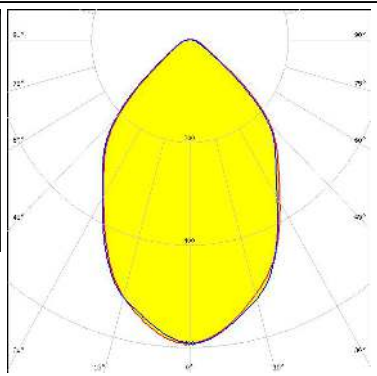


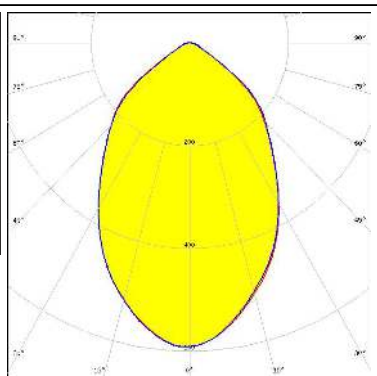


See also our general installation guide: www.ledil.com/installation_guide


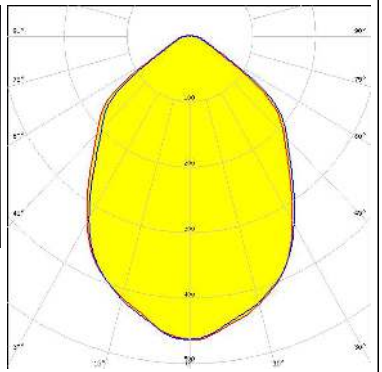

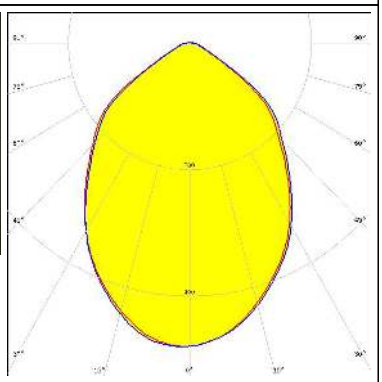
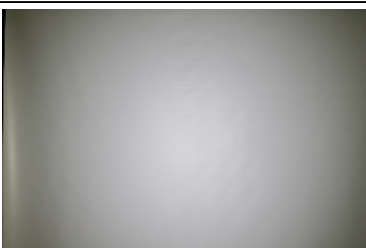
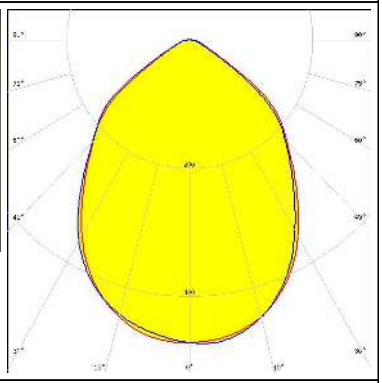

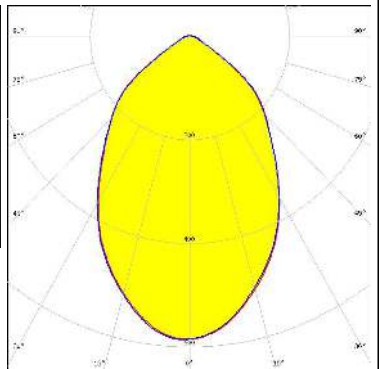
OPTICAL RESULTS (MEASURED):

 <p>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:</p>		
 <p>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:</p>		
 <p>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:</p>		
 <p>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:</p>		

OPTICAL RESULTS (MEASURED):

 <p> 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: </p>		
 <p> 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: </p>		
 <p> 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: </p>		
 <p> 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: </p>		

OPTICAL RESULTS (MEASURED):

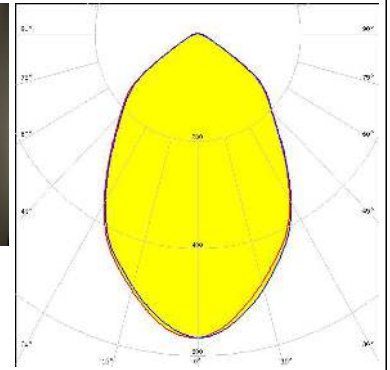
<p>CREE → LED</p> <p>LED: XD16 FWHM / FWTM: 82.0° / 126.0° Efficiency: 88 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE → LED</p> <p>LED: XP-G3 FWHM / FWTM: 83.0° / 126.0° Efficiency: 90 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

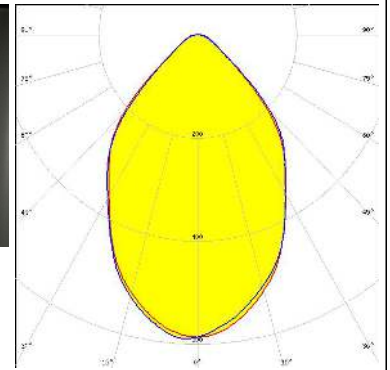
Opto Semiconductors

LED OSLOM 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:



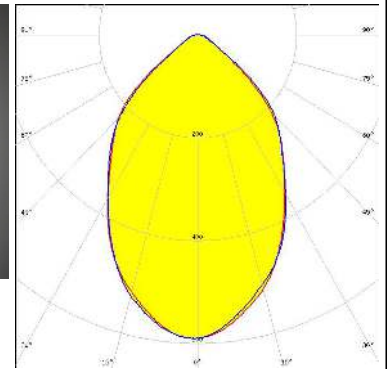
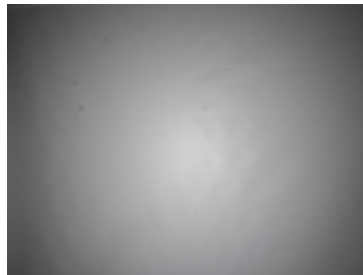
SAMSUNG

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

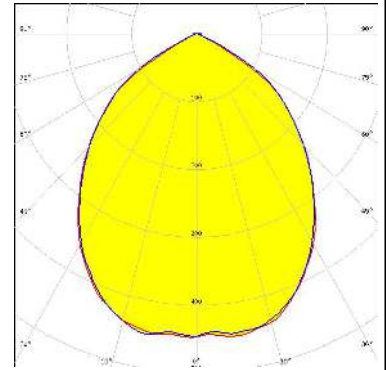
LED HiLOM SM28 (LM301B)
 FWHM / FWTM 73.0° / 115.0°
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

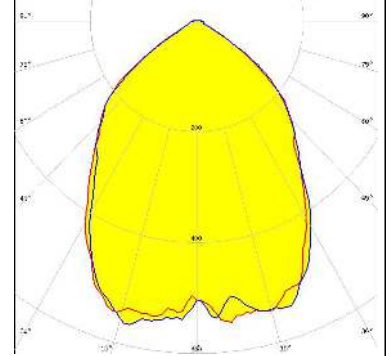
CREE LED

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:



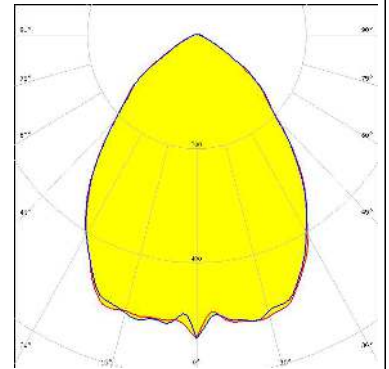
LUMILEDS

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:



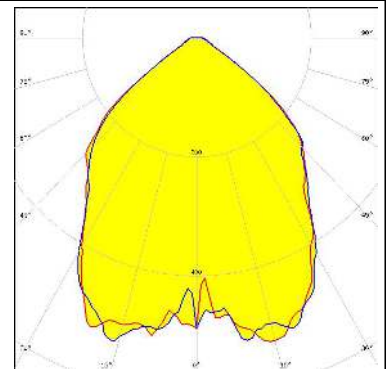
NICHIA

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:


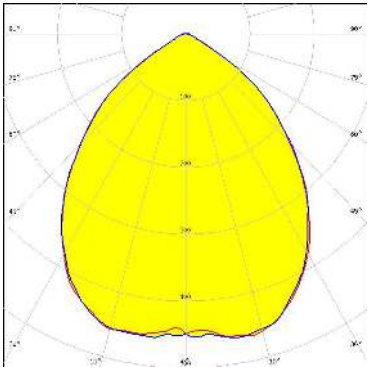

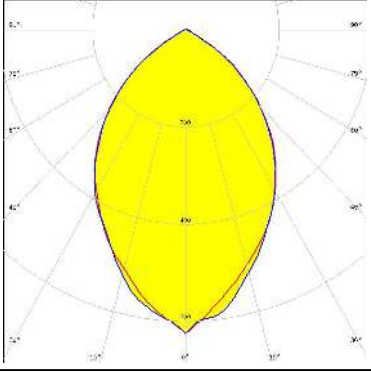

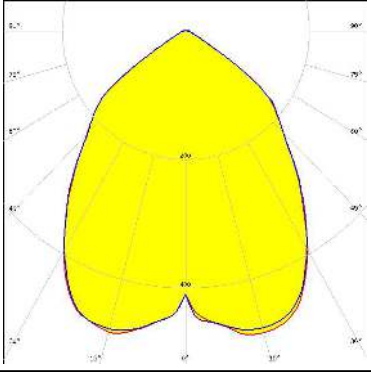

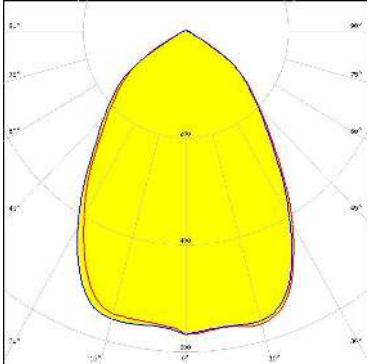


NICHIA

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:



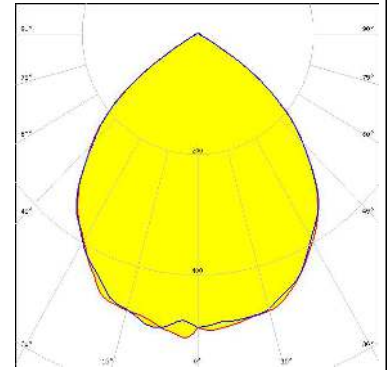
OPTICAL RESULTS (SIMULATED):

	<p>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:</p>	
	<p>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:</p>	
	<p>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:</p>	
	<p>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:</p>	

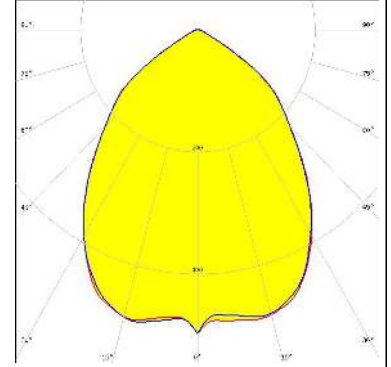
OPTICAL RESULTS (SIMULATED):

SAMSUNG

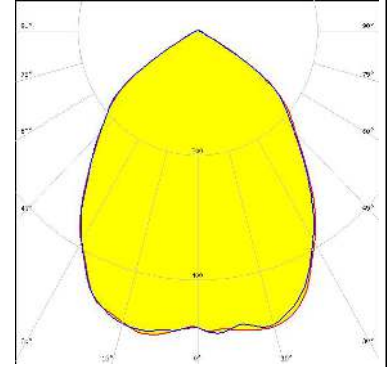
LED LH351C
 FWHM / FWTM 92.0° / 118.0°
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



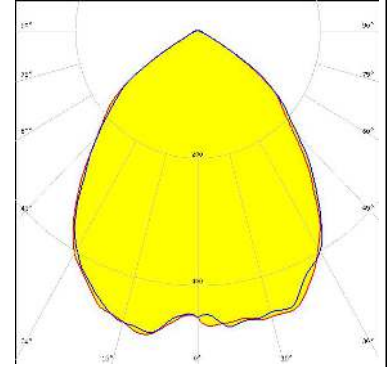
LED SEOUL 3030
 FWHM / FWTM 85.0° / 121.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



LED Z5M1/Z5M2
 FWHM / FWTM 88.0° / 121.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (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.

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