

HB-IP-24-WWW

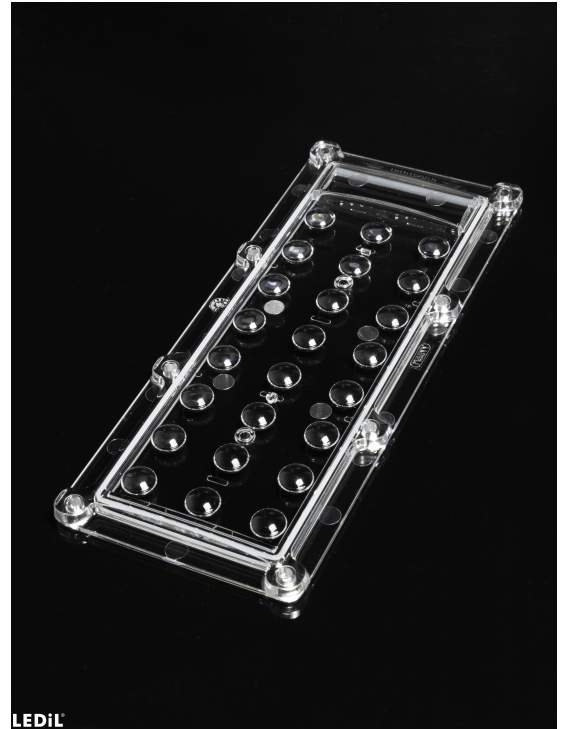
~90° wide beam

SPECIFICATION:

Dimensions	173.0 x 71.4 mm
Height	10 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

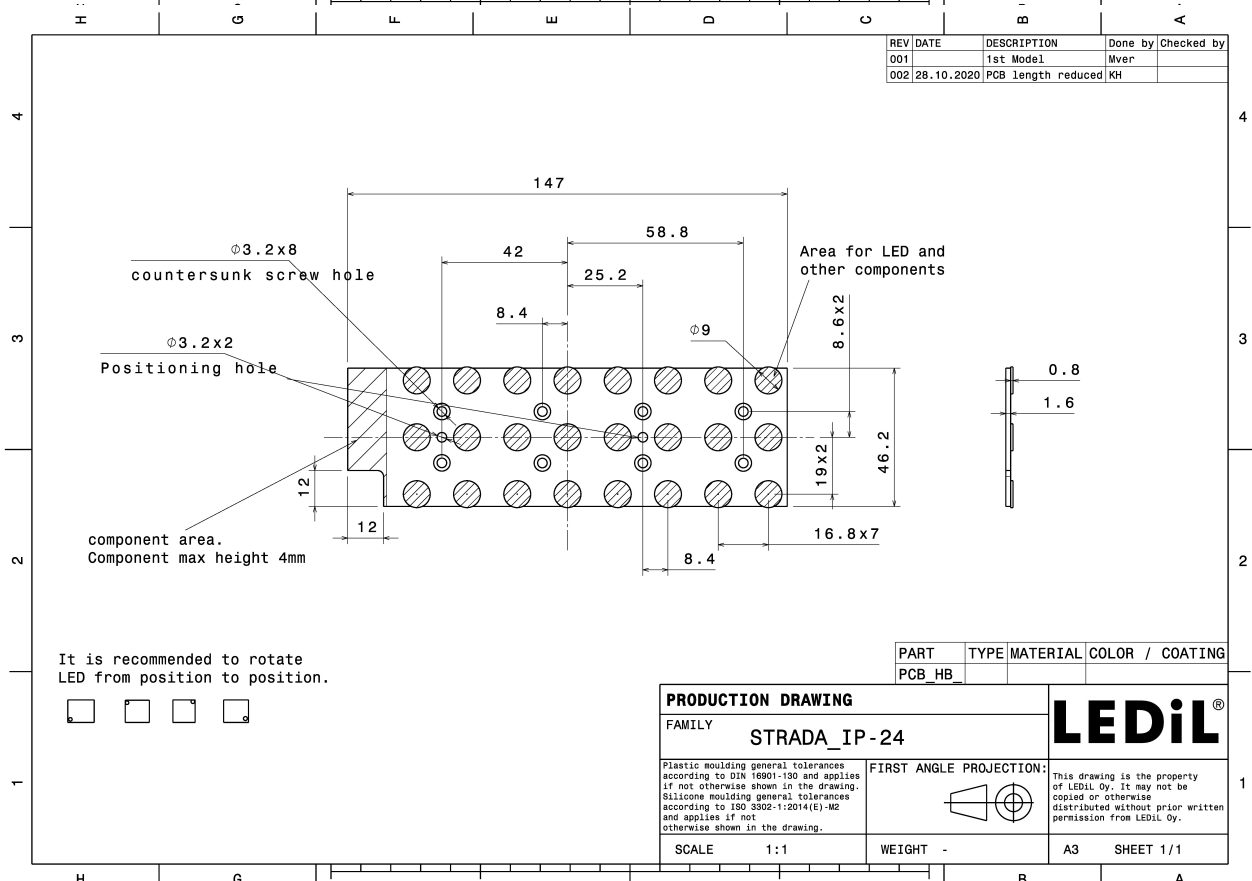
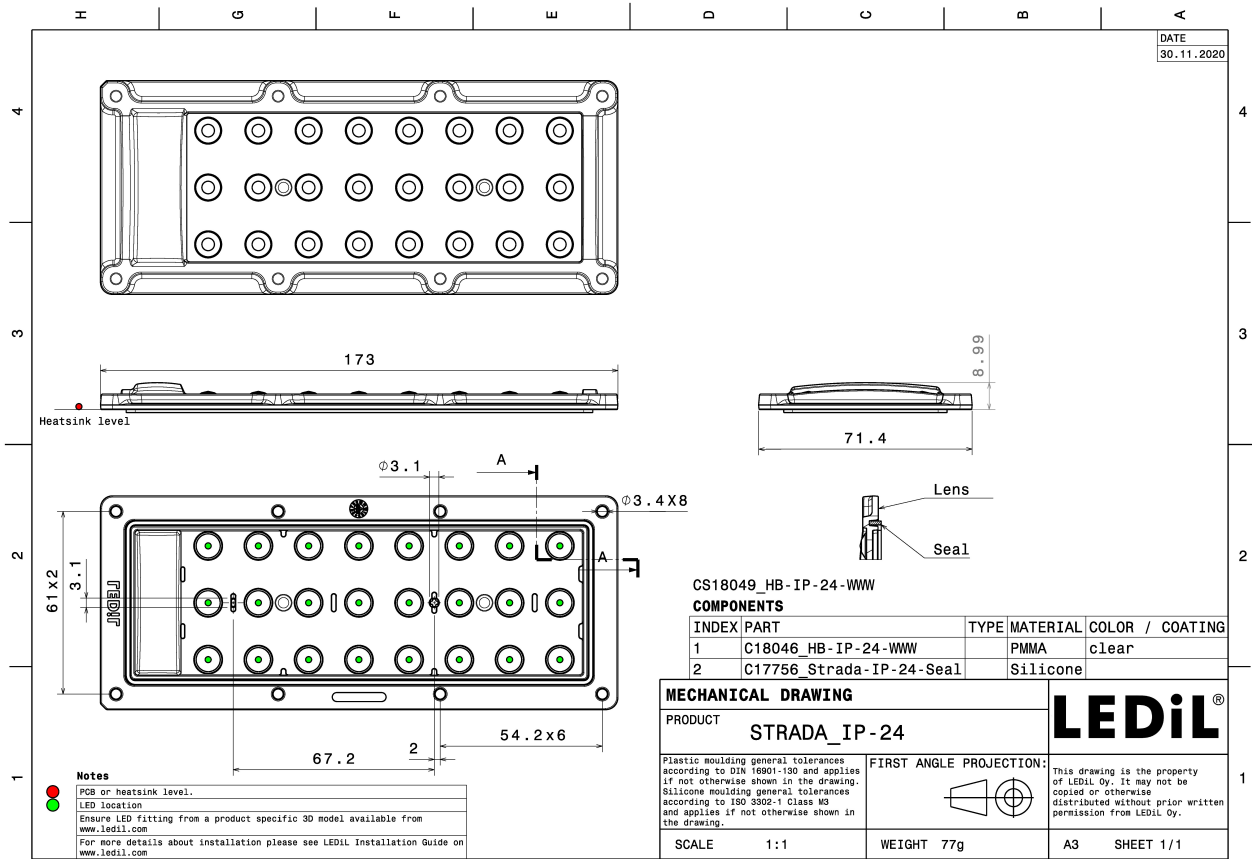
MATERIALS:

Component	Type	Material	Colour	Finish
HB-IP-24-WWW	Multi-lens	PMMA	clear	
STRADA-IP-24-SEAL	Seal	Silicone	white	




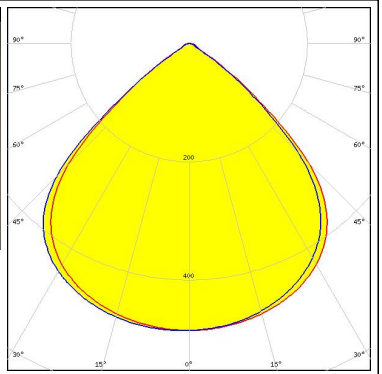
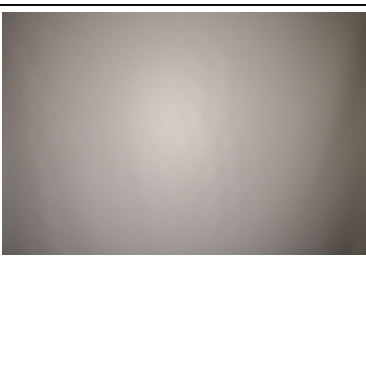
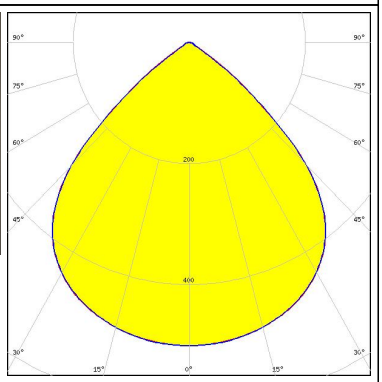

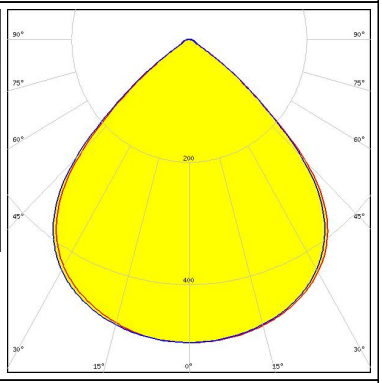

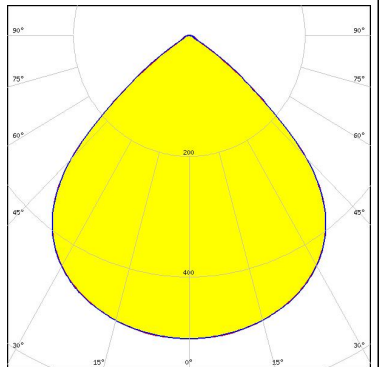
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS18049_HB-IP-24-WWW » Box size: 476 x 273 x 247 mm	120	120	40	5.2

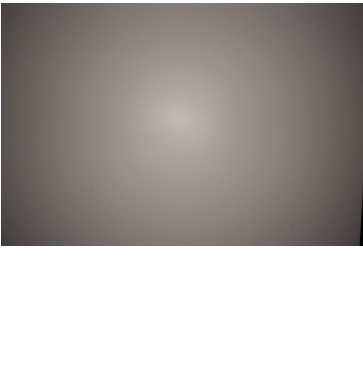
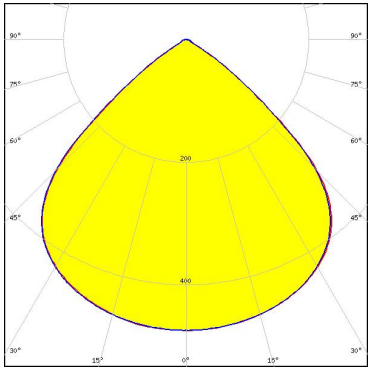

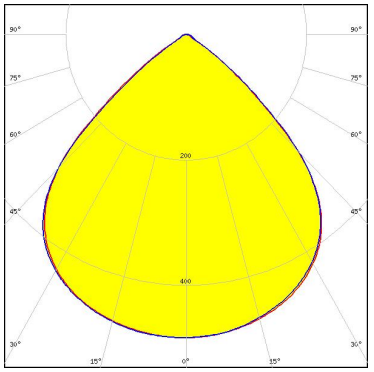
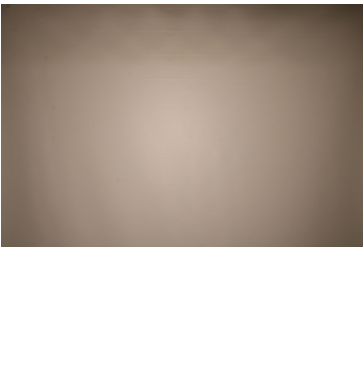
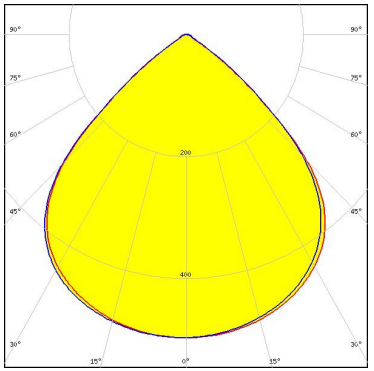
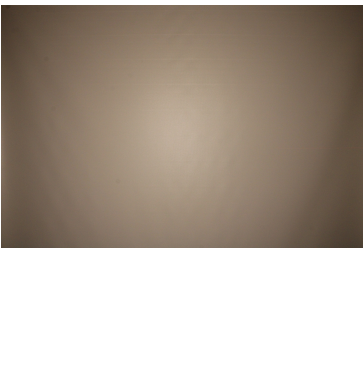
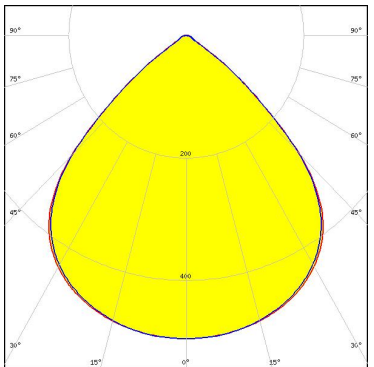


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5</p> <p>FWHM / FWTM 94.0° / 114.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 HE</p> <p>FWHM / FWTM 93.0° / 113.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 92.0° / 112.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON XR-5050 HE (L225-xxxx024MLU010)</p> <p>FWHM / FWTM 93.0° / 113.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

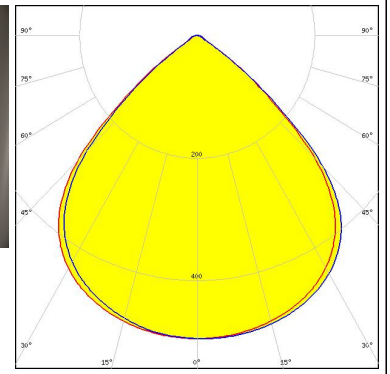
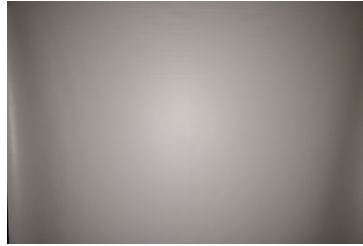
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 96.0° / 114.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ S 5050</p> <p>FWHM / FWTM 94.0° / 113.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED HiLOM RM24 ZP (LH502D)</p> <p>FWHM / FWTM 94.0° / 114.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SCIOLUX</p> <p>LED CHI-VP-10K5-740-36</p> <p>FWHM / FWTM 92.0° / 112.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

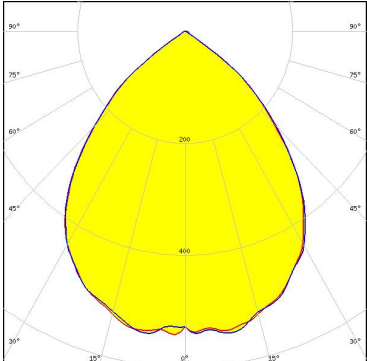
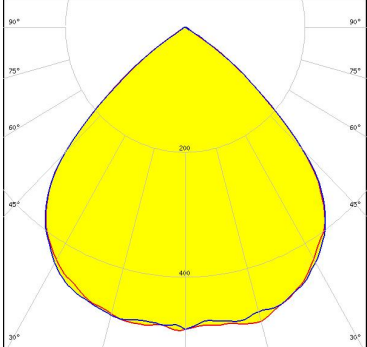
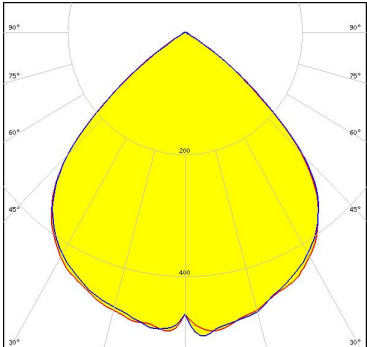
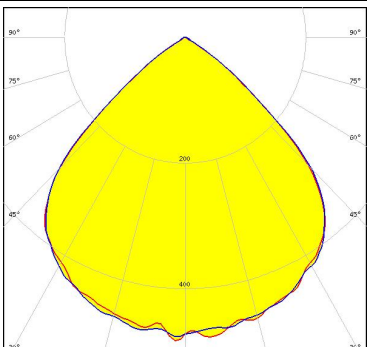
OPTICAL RESULTS (MEASURED):

SCIOLUX

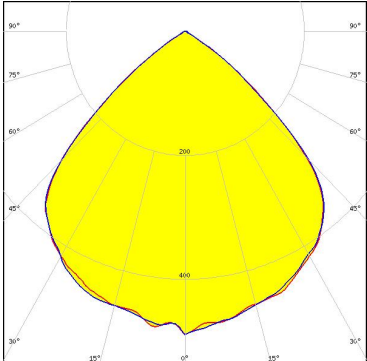
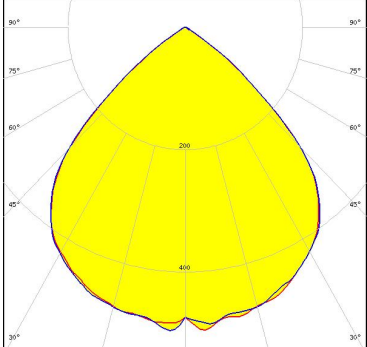
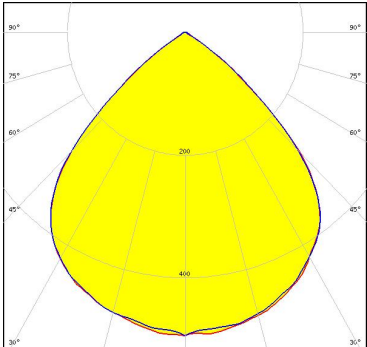
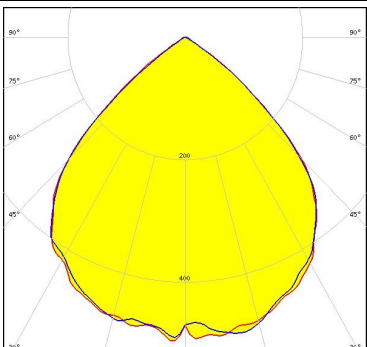
LED CHIEC-VE-11K4-740-48
FWHM / FWTM 94.0 + 93.0° / 114.0 + 113.0°
Efficiency 96 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED J Series 3030 FWHM / FWTM 86.0° / 112.0° Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED J Series 5050 Round LES FWHM / FWTM 94.0° / 114.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED J Series 5050C 6V E Class FWHM / FWTM 94.0° / 114.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>MST Your solutions</p> <p>LED ReLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2 FWHM / FWTM 95.0° / 114.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

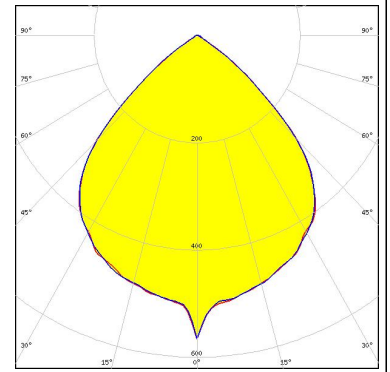
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NFMW48xA FWHM / FWTM: 94.0° / 114.0° Efficiency: 93 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: HiLOM RM24 ZP (LH502C) FWHM / FWTM: 93.0° / 114.0° Efficiency: 93 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH502C FWHM / FWTM: 92.0° / 113.0° Efficiency: 93 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH502D FWHM / FWTM: 93.0 + 94.0° / 114.0 + 113.0° Efficiency: 93 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

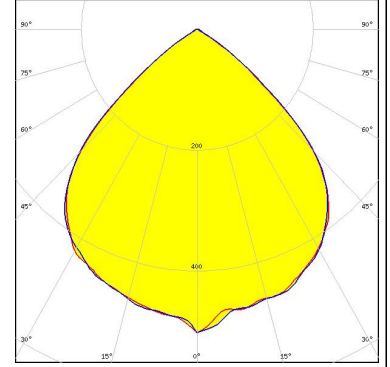
SAMSUNG

LED LH508C
FWHM / FWTM 89.0° / 112.0°
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V
FWHM / FWTM 94.0° / 114.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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