

STRADA-2X2-T1-M

IESNA Type I (medium) beam applicable for European P-class standard for pedestrian lighting and bicycle paths. Compatible with up to 3535 size LED packages.

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	6.5 mm
Fastening	screw
ROHS compliant	yes ⓘ

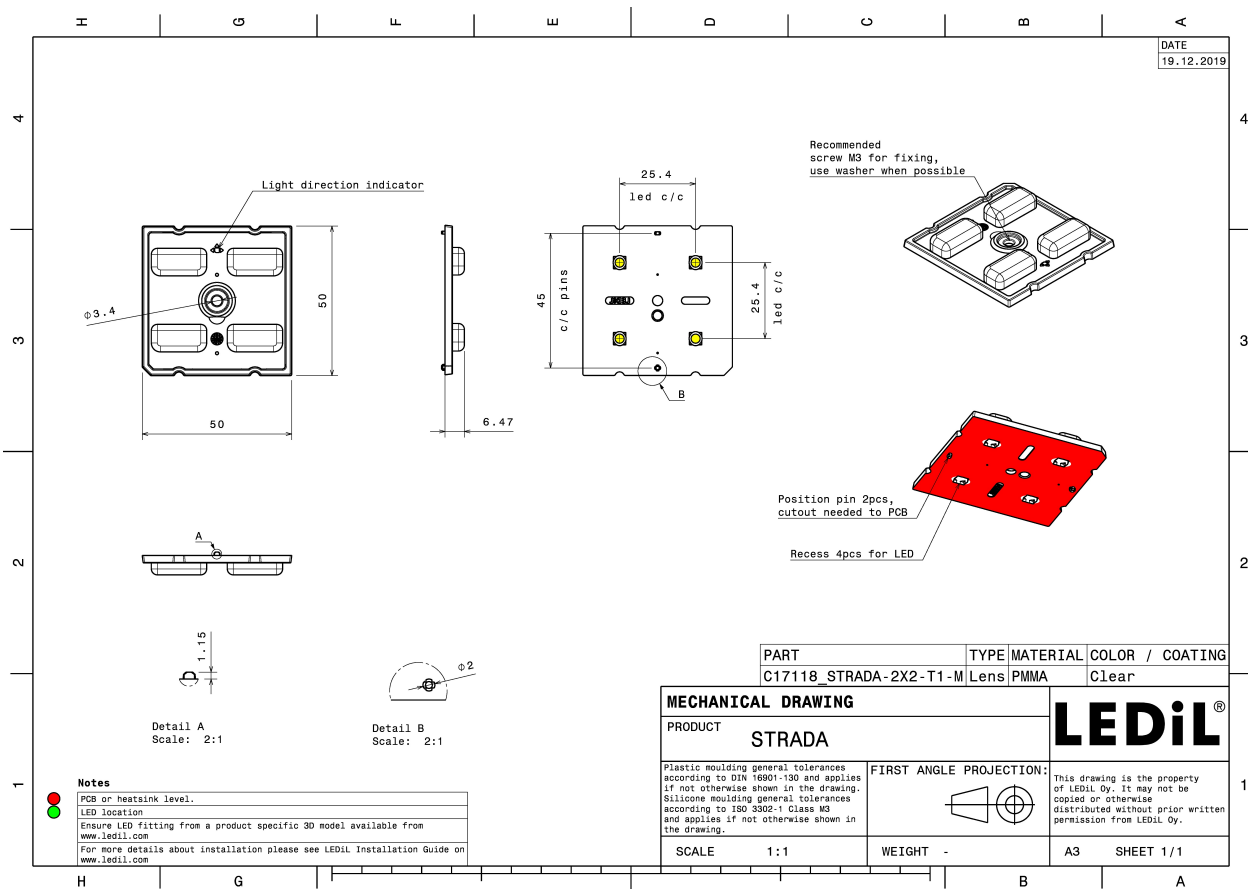


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-2X2-T1-M	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17118_STRADA-2X2-T1-M	800	160	160	6.4
» Box size: 480 x 280 x 300 mm				

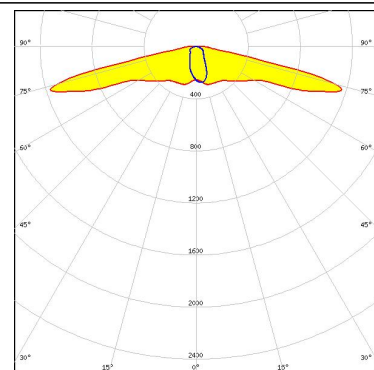


See also our general installation guide: www.ledil.com/installation_guide

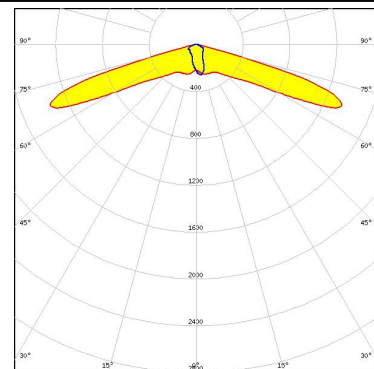
PHOTOMETRIC DATA (MEASURED):



LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y22
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

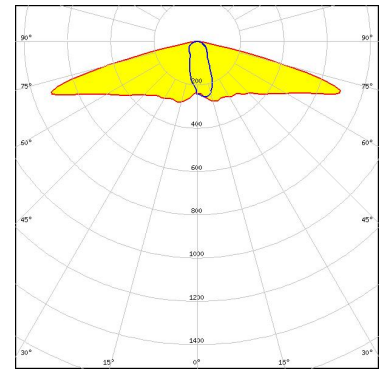


PHOTOMETRIC DATA (SIMULATED):

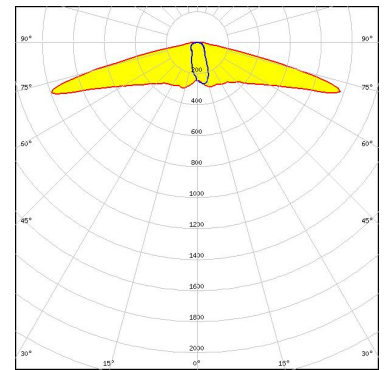


LED J Series 3030
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

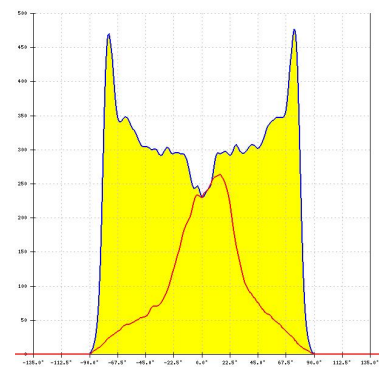


LED J Series 3030
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



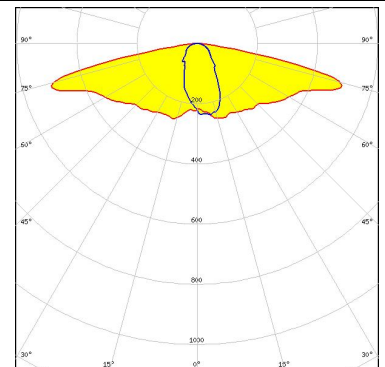
LED XP-G
FWHM / FWTM 160.0 + 52.0° / 168.0 + 145.0°
Efficiency 76 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

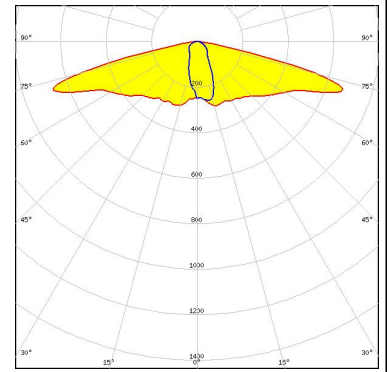


PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

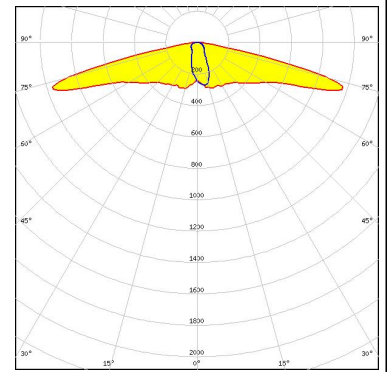
LED LUXEON 3030 HE Plus
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



LUMILEDS

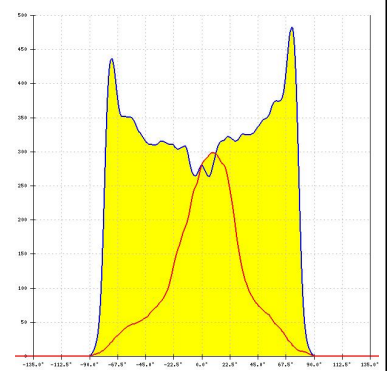
LED LUXEON 3030 HE Plus
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON HL2X
FWHM / FWTM 156.0 + 51.0° / 165.0 + 135.0°
Efficiency 79 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

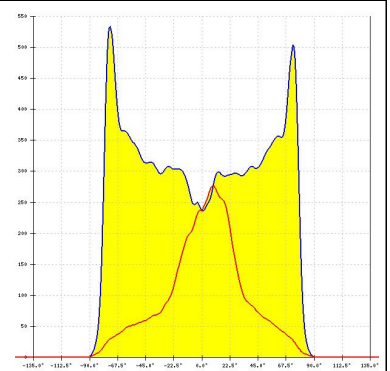
Protective plate, glass



LUMILEDS

LED LUXEON TX
FWHM / FWTM 157.0 + 48.0° / 165.0 + 147.0°
Efficiency 76 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

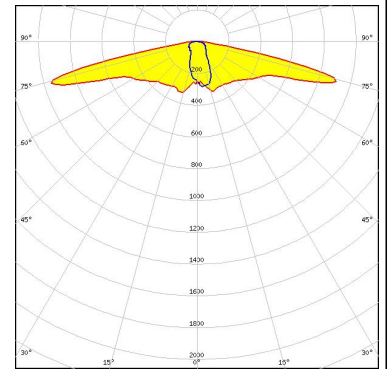
Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

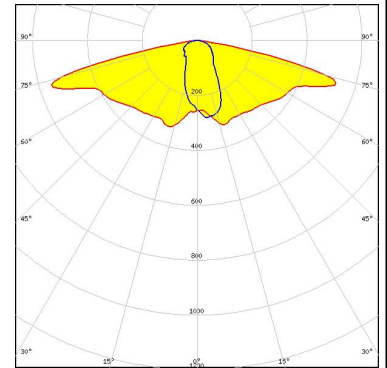
LED LUXEON V2
 FWHM / FWTM 157.0 + 48.0° / 166.0 + 156.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON V2
 FWHM / FWTM 156.0 + 48.0° / 164.0 + 150.0°
 Efficiency 82 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

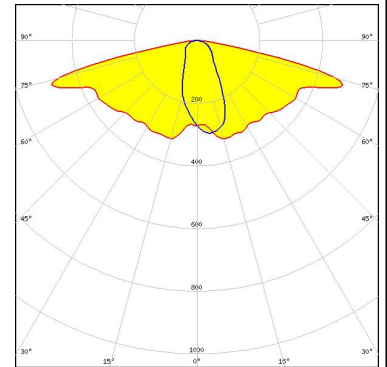
Protective plate, glass



Your solutions

LED RecLED 122x50mm 1900lm 730 2x4 Opt G1
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

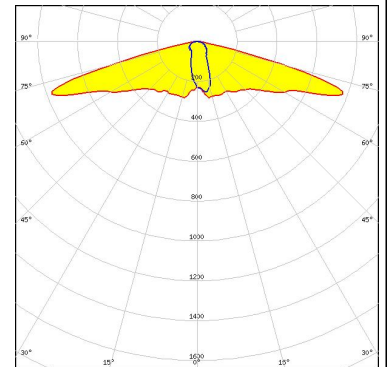
Protective plate, glass



NICHIA

LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

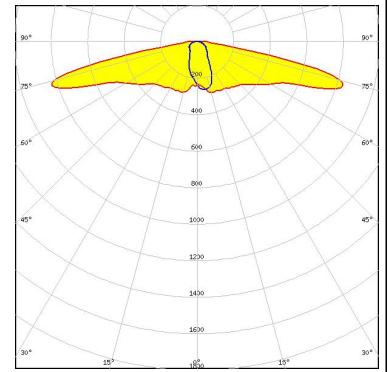
Protective plate, glass



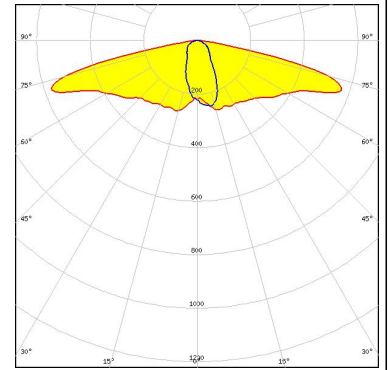
PHOTOMETRIC DATA (SIMULATED):



LED NVSxx19B/NVSxx19C
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



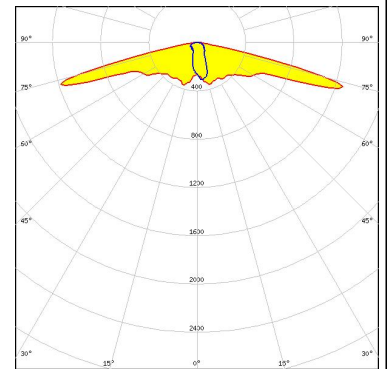
LED NVSxx19B/NVSxx19C
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



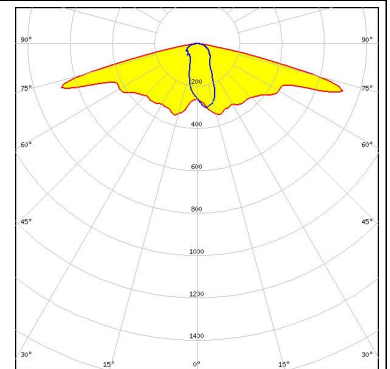
Protective plate, glass



LED OSCONIQ C 2424
 FWHM / FWTM 154.0 + 39.0° / 162.0 + 155.0°
 Efficiency 95 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ C 2424
 FWHM / FWTM 153.0 + 41.0° / 161.0 + 149.0°
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Protective plate, glass

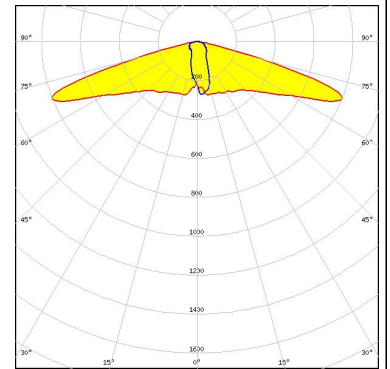
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

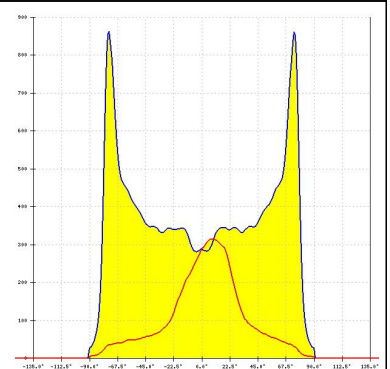
Protective plate, glass



OSRAM

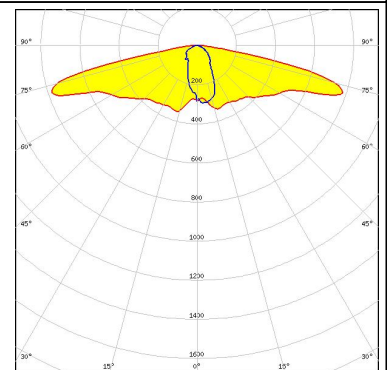
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

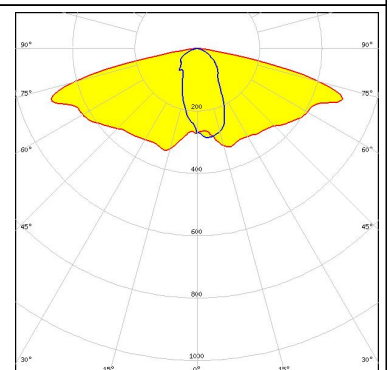
LED LH351B
 FWHM / FWTM 158.0 + 50.0° / 167.0 + 139.0°
 Efficiency 95 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351B
 FWHM / FWTM 156.0 + 50.0° / 164.0 + 136.0°
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

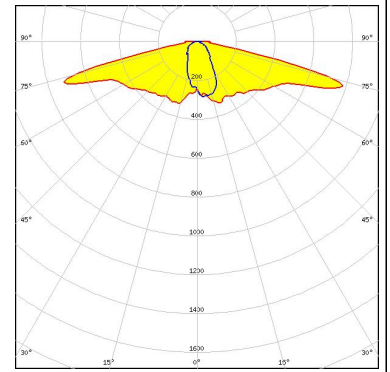
Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

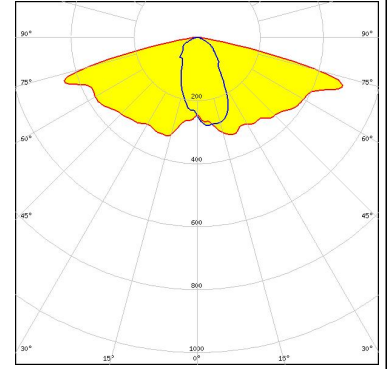
LED LH351C
 FWHM / FWTM 154.0 + 54.0° / 166.0 + 137.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

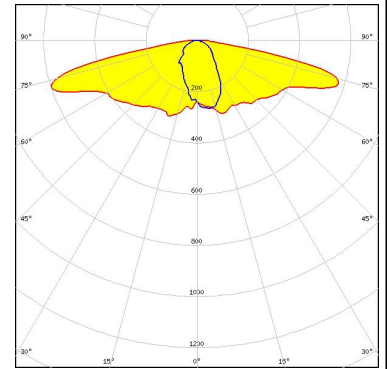
LED LH351C
 FWHM / FWTM 154.0 + 54.0° / 162.0 + 134.0°
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



SAMSUNG

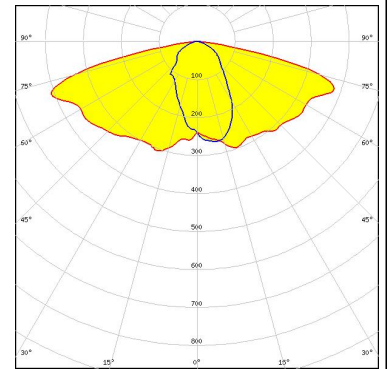
LED LH351D
 FWHM / FWTM 160.0 + 59.0° / 170.0 + 144.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



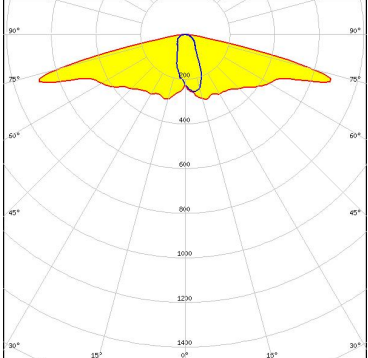
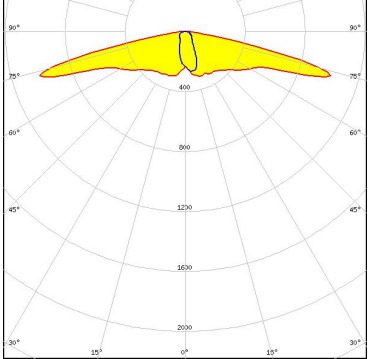
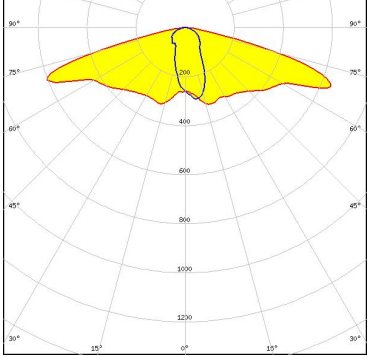
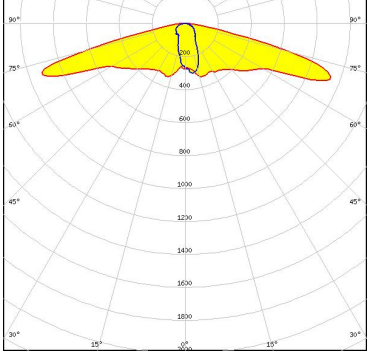
SAMSUNG

LED LH351D
 FWHM / FWTM 156.0 + 61.0° / 166.0 + 140.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030C</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 74 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030C</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 151.0 + 44.0° / 162.0 + 144.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 152.0 + 44.0° / 166.0 + 151.0°</p> <p>Efficiency: 95 %</p> <p>Peak intensity: 1 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.

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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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