

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.

SPECIFICATION:

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

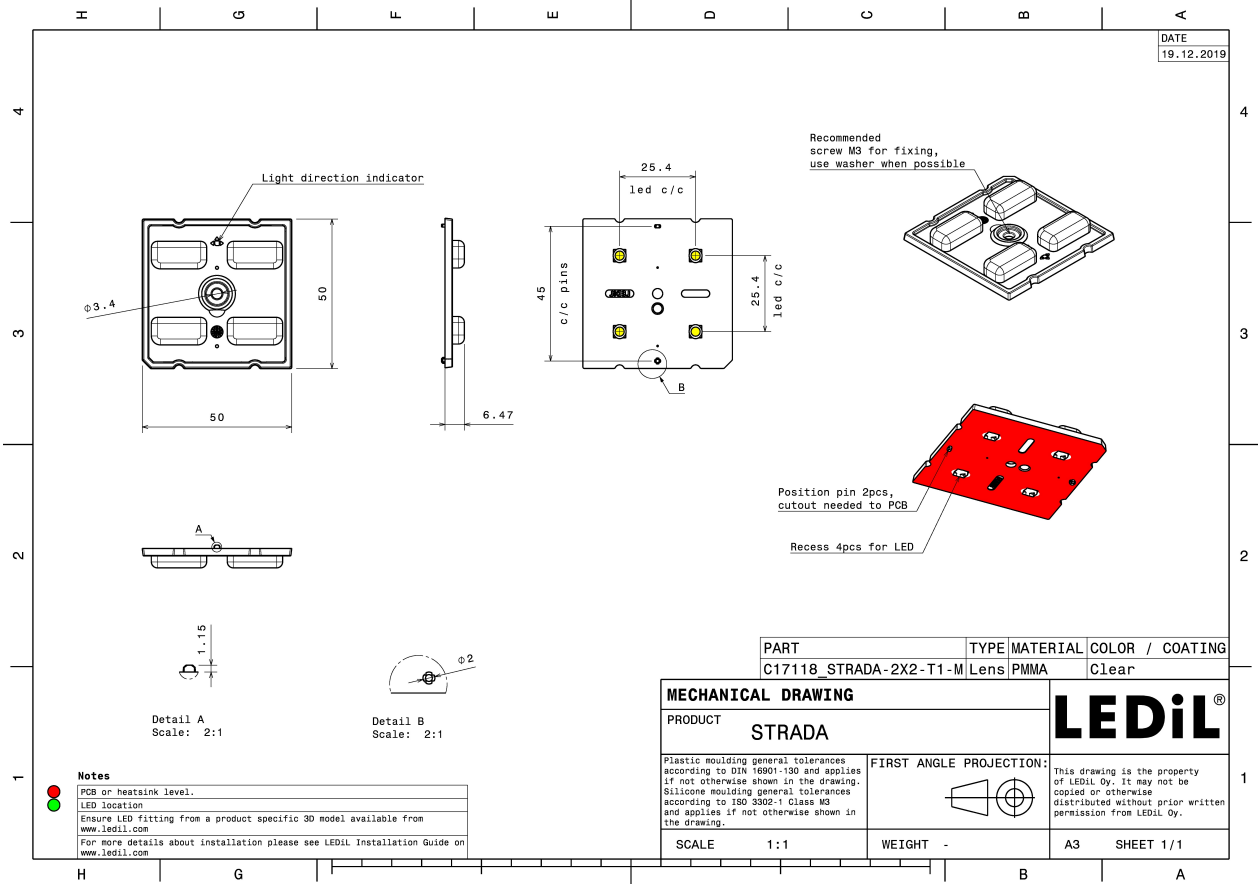


MATERIALS:

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 » Box size: 480 x 280 x 300 mm	800	160	160	6.4

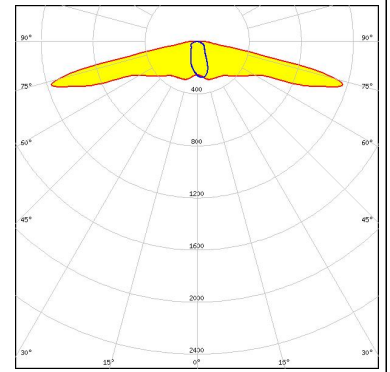


See also our general installation guide: www.ledil.com/installation_guide

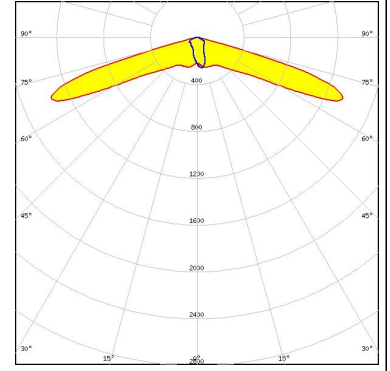
OPTICAL RESULTS (MEASURED):



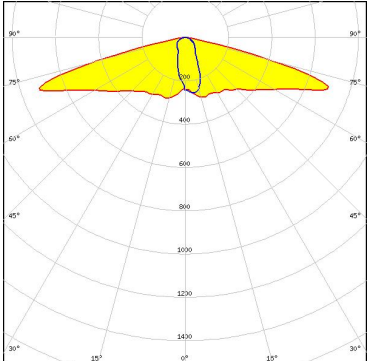
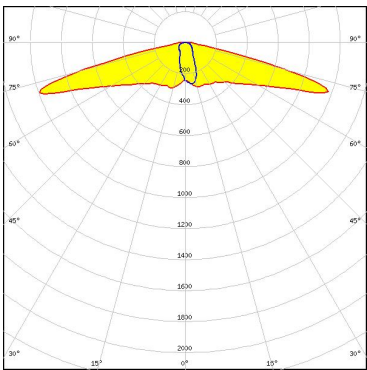
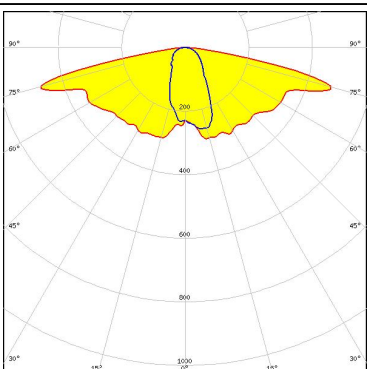
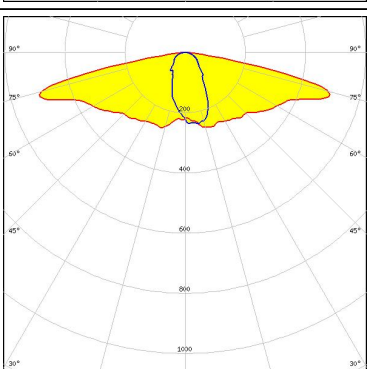
LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



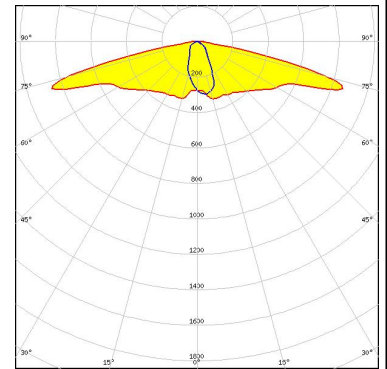
OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED J Series 3030 FWHM / FWTM Asymmetric Efficiency 74 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p>Protective plate, glass</p>	
<p>CREE LEDs</p> <p>LED J Series 3030 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XP-G FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p>Protective plate, glass</p>	
<p>CREE LEDs</p> <p>LED XP-G3 FWHM / FWTM Asymmetric Efficiency 72 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p>Protective plate, glass</p>	

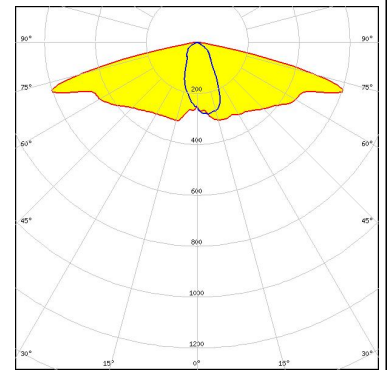
OPTICAL RESULTS (SIMULATED):



LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



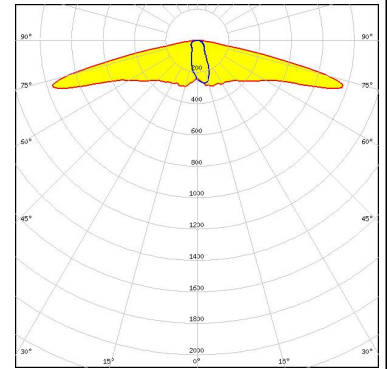
LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



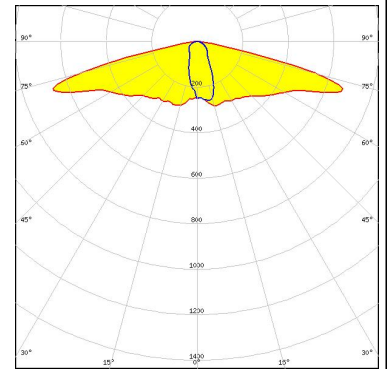
Protective plate, glass



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



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:



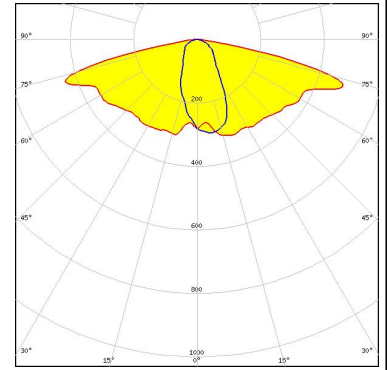
Protective plate, glass

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

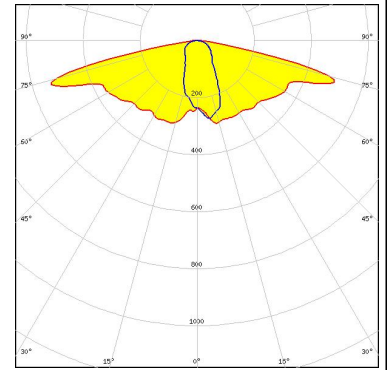
Protective plate, glass



LUMILEDS

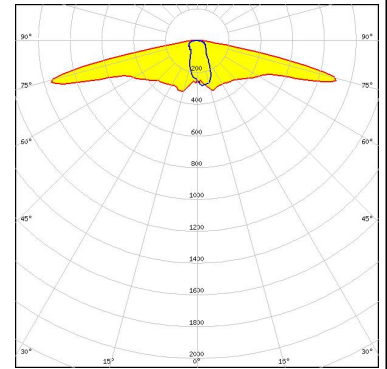
LED LUXEON TX
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



LUMILEDS

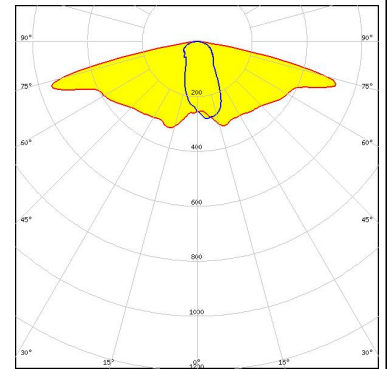
LED LUXEON V2
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON V2
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



OPTICAL RESULTS (SIMULATED):

<p>MST <i>Your solutions</i></p> <p>LED: RecLED 122x50mm 1900lm 730 2x4 Opt G1</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 78 %</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>Protective plate, glass</p>	
<p>NICHIA</p> <p>LED: NVSxE21A</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 75 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 0.9 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 73 %</p> <p>Peak intensity: 0.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	

OPTICAL RESULTS (SIMULATED):

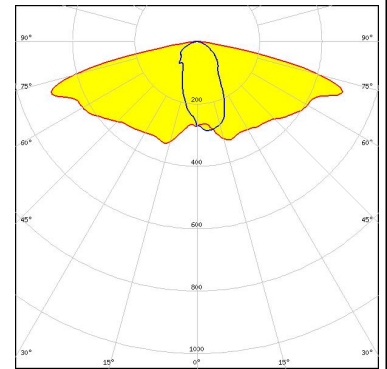
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ C 2424</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 95 %</p> <p>Peak intensity: 1.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ C 2424</p> <p>FWHM / FWTM: Asymmetric</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>OSRAM Opto Semiconductors</p> <p>LED: OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 73 %</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>Protective plate, glass</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.9 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

SAMSUNG

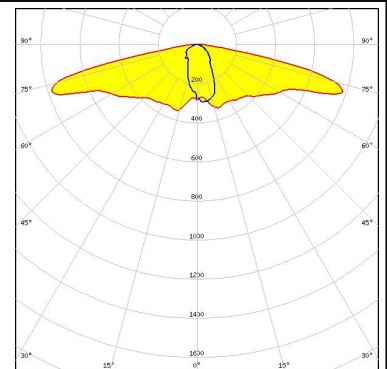
LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



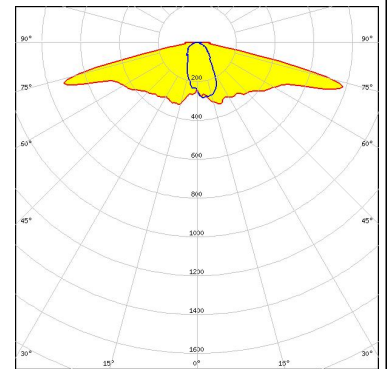
SAMSUNG

LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

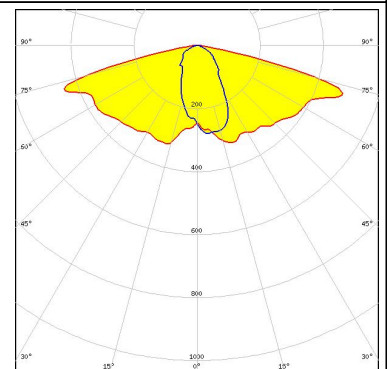
LED LH351C
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351C
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

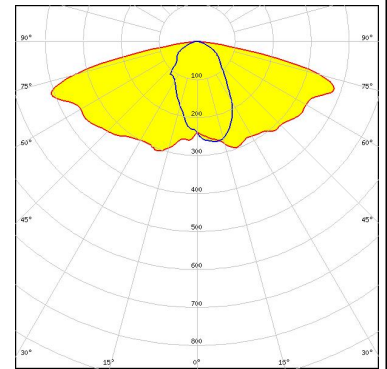


OPTICAL RESULTS (SIMULATED):

SAMSUNG

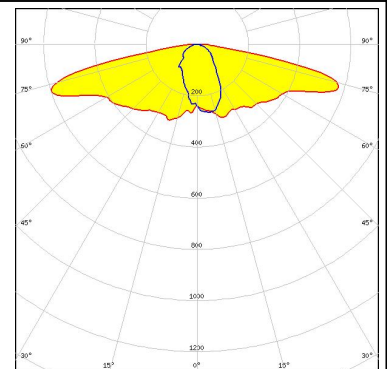
LED LH351D
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



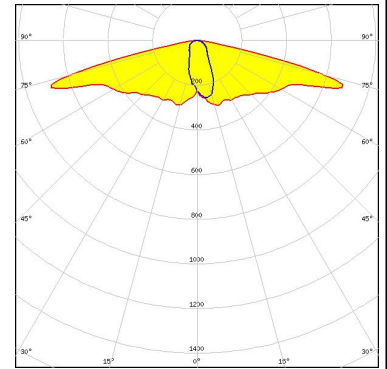
SAMSUNG

LED LH351D
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

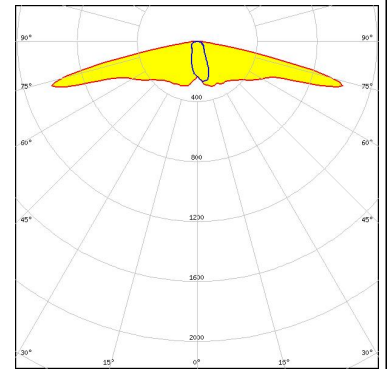


SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030C
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030C
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: Asymmetric</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> <div style="background-color: #ADD8E6; padding: 5px; display: inline-block;">Protective plate, glass</div>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: Asymmetric</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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