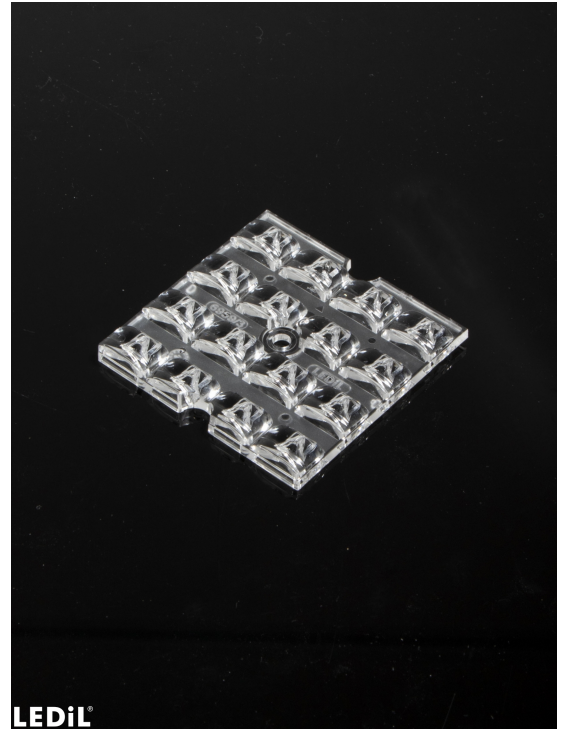


STRADELLA-16-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	4.4 mm
Fastening	screw
ROHS compliant	yes ⓘ

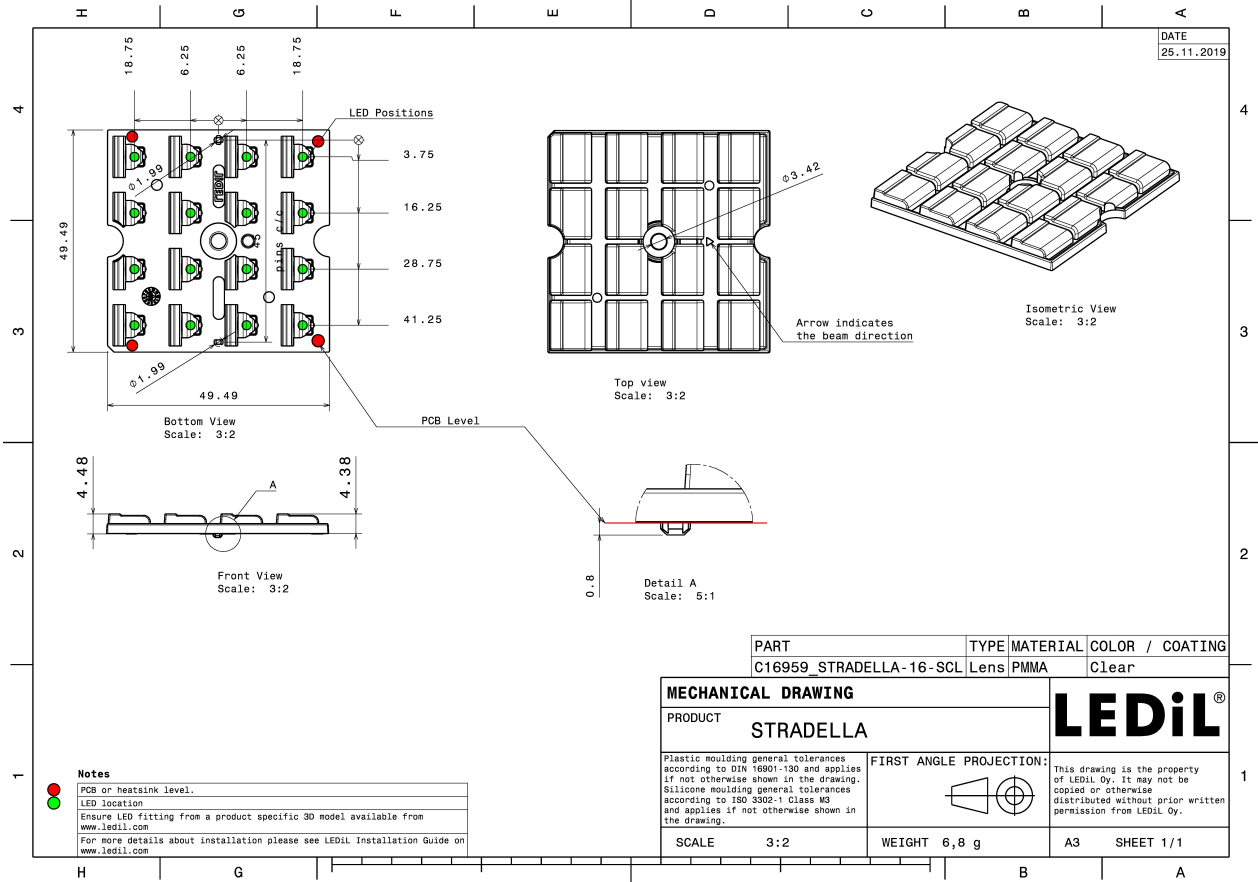


MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-16-SCL	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16959_STRADELLA-16-SCL » Box size: 480 x 280 x 300 mm	800	160	160	6.4

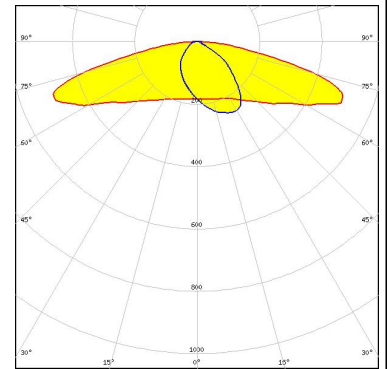


See also our general installation guide: www.ledil.com/installation_guide

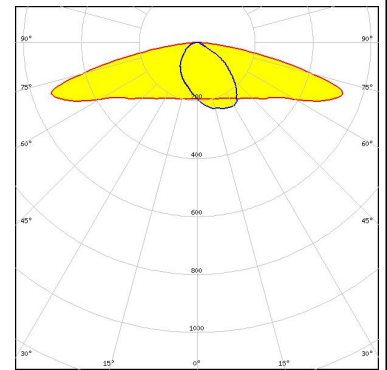
OPTICAL RESULTS (MEASURED):



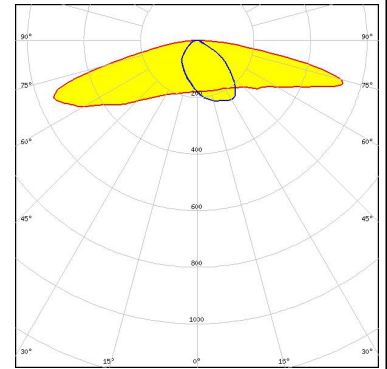
LED J Series 3030
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



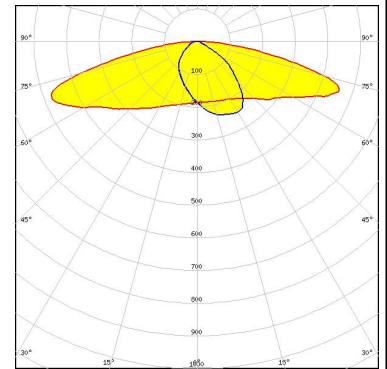
LED EHP-223.5x50-1604-xx-70-LS30-06-NTC
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NF2x757G
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NFSW757H
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

bridgelux.

LED	CSP 2727 (BXCP)
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



bridgelux.

LED	CSP 2727 (BXCP)
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

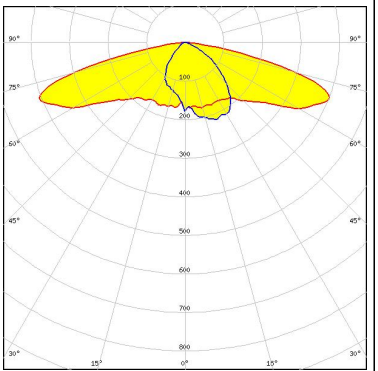
Required components:

CREE LEDs

LED	J Series 3030
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

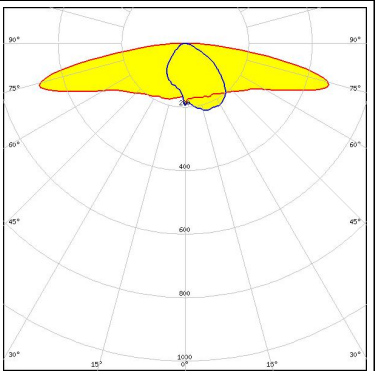
Protective plate, glass



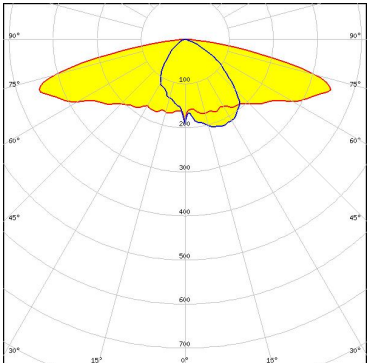
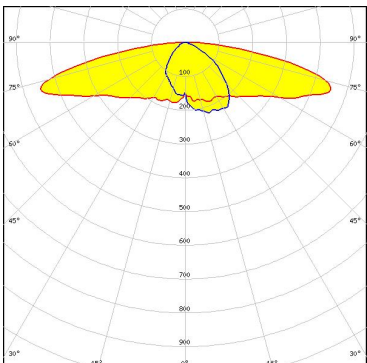
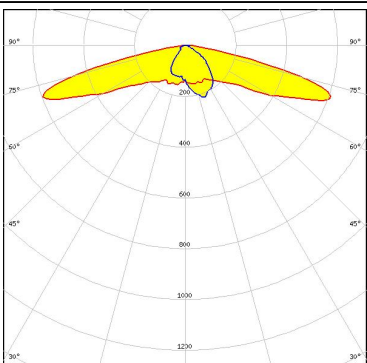
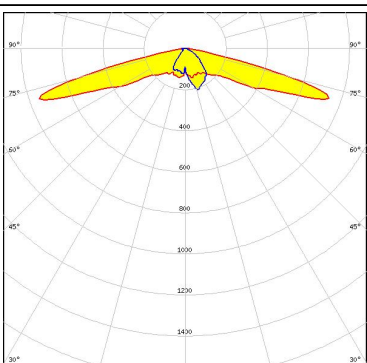
LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON 3030 2D (Square LES)</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 77 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 3030 HE Plus</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 91 %</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>NICHIA</p> <p>LED: NCSxE17A</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 0.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Green</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED: NFSWE11A</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 1.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

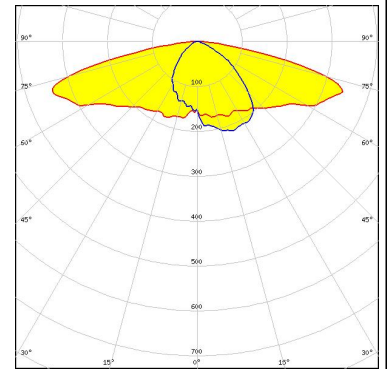
OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED Duris S5 (2 chip)
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

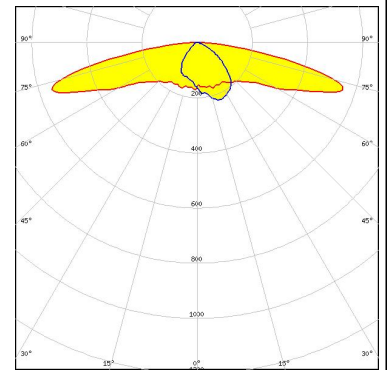
Protective plate, glass



OSRAM

Opto Semiconductors

LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

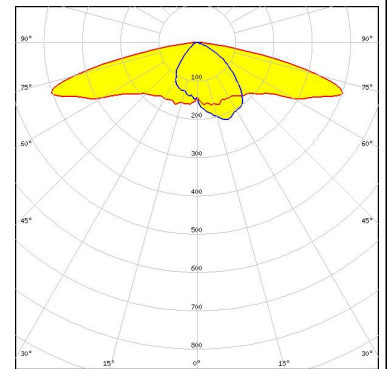


OSRAM

Opto Semiconductors

LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

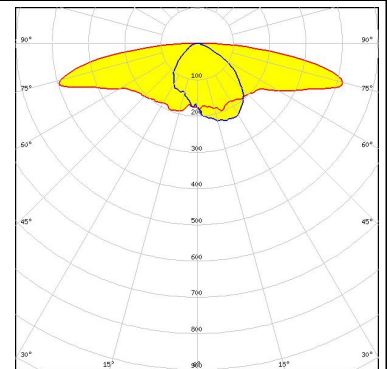
Protective plate, glass



OSRAM

Opto Semiconductors

LED OSOLON Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

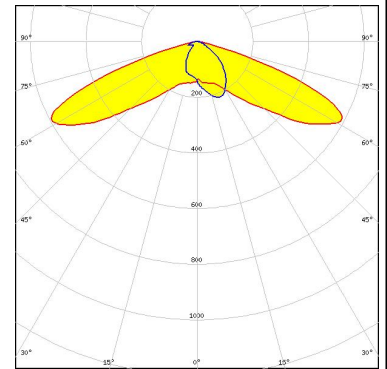


OPTICAL RESULTS (SIMULATED):

SAMSUNG

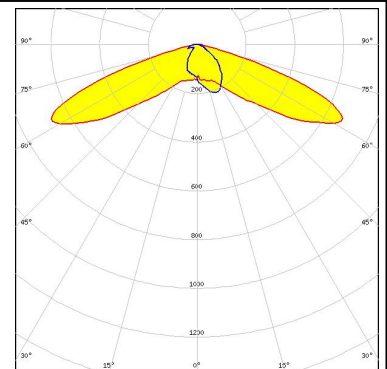
LED LH181B
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



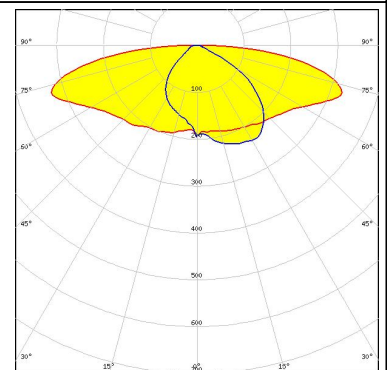
SAMSUNG

LED LH181B
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



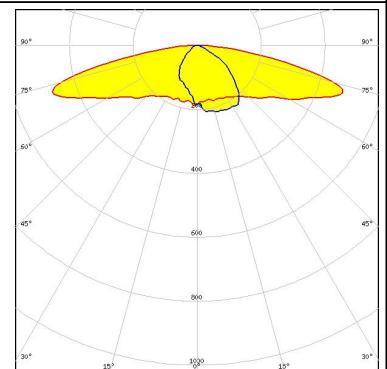
SAMSUNG

LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

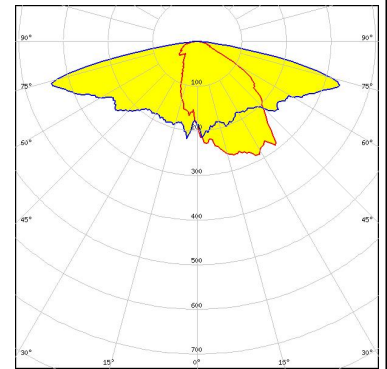


OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

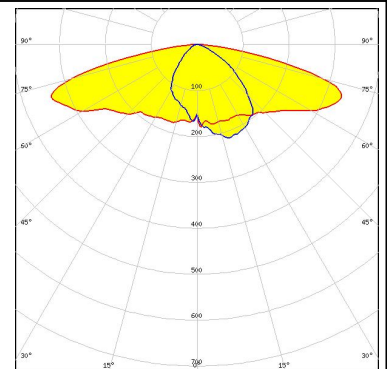
Protective plate, glass



SAMSUNG

LED LM302D
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

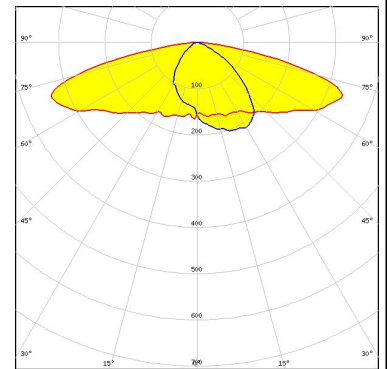
Protective plate, glass



SAMSUNG

LED LM302Z plus
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

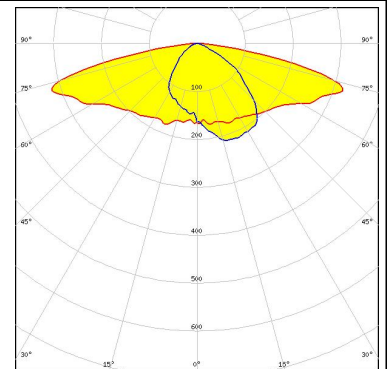
Protective plate, glass



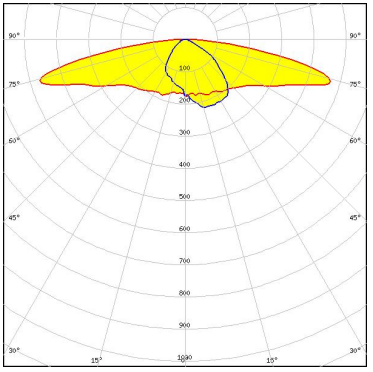
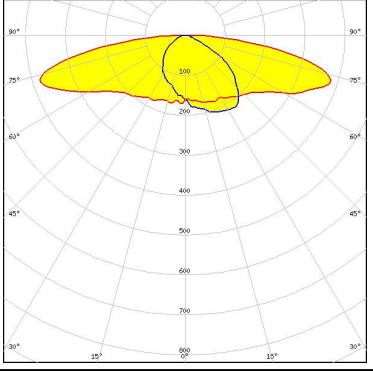
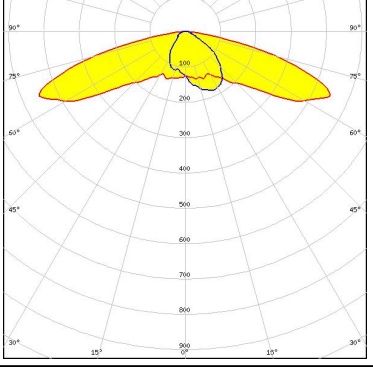
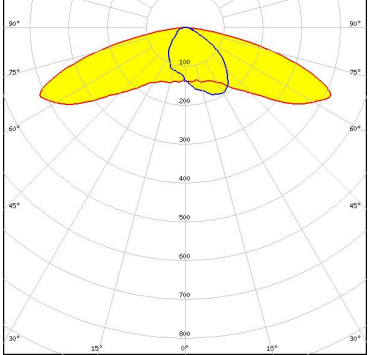
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



OPTICAL RESULTS (SIMULATED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030C</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 90 %</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>SEOUL SEMICONDUCTOR</p> <p>LED: Z5M3</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y19</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 77 %</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>SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 77 %</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>	

OPTICAL RESULTS (SIMULATED):

<p> SEOL SEMICONDUCTOR</p> <p>LED: Z8Y22T</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 79 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <div style="border: 1px solid black; background-color: #ADD8E6; padding: 2px; display: inline-block; margin-top: 5px;">Protective plate, glass</div>	
<p> SEOL SEMICONDUCTOR</p> <p>LED: Z8Y22T</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 0.5 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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