

STRADA-2X2-LN1

Beam for EN13201 M-class requirements with high poles or where road width is equal or less the pole height.

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	7.1 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

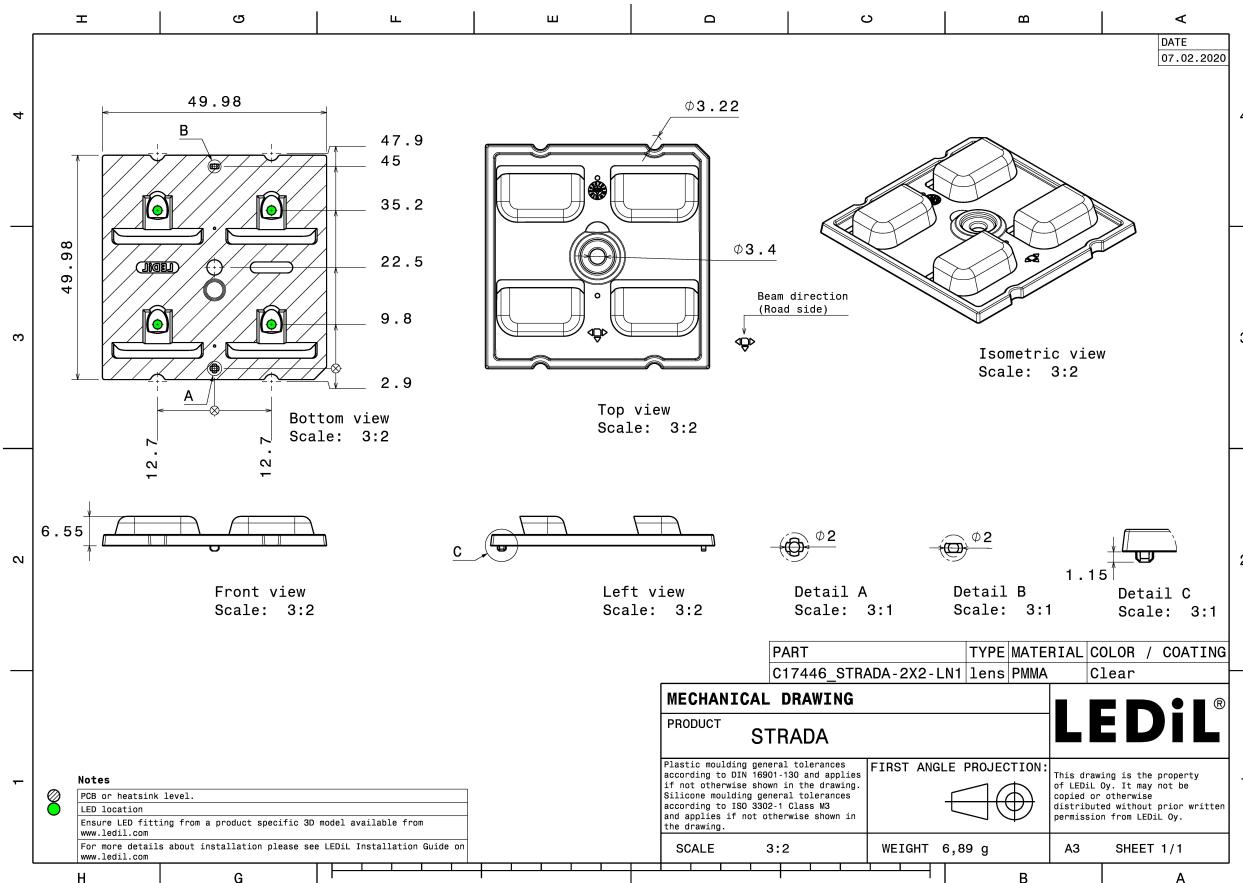


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-2X2-LN1	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17446_STRADA-2X2-LN1	800	160	160	6.3
» Box size: 480 x 280 x 300 mm				



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

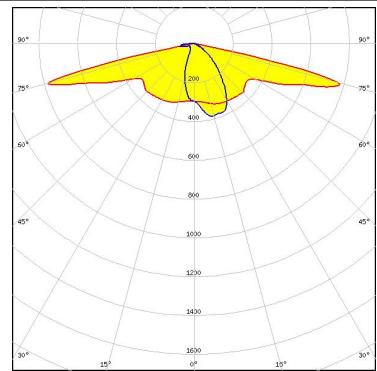
PHOTOMETRIC DATA (MEASURED):



Your solutions

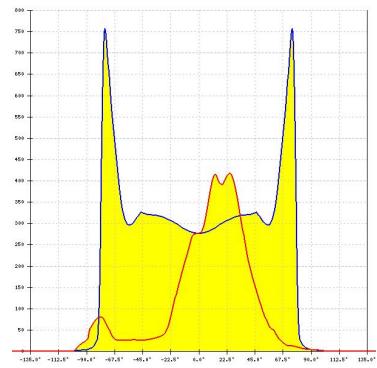
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



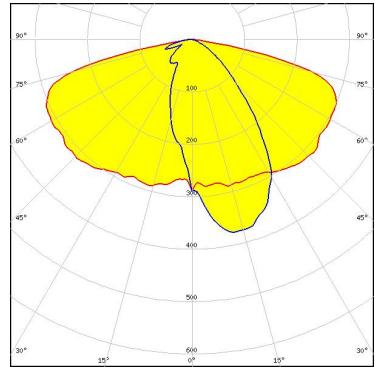
PHOTOMETRIC DATA (SIMULATED):



LED	Bridgelux SMD 5050
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

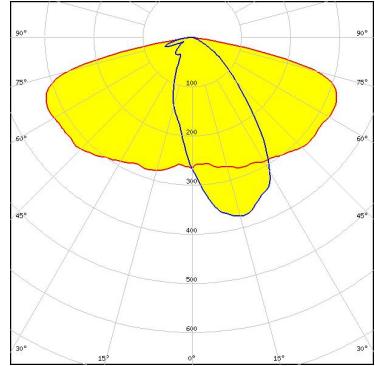
Protective plate, glass



LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

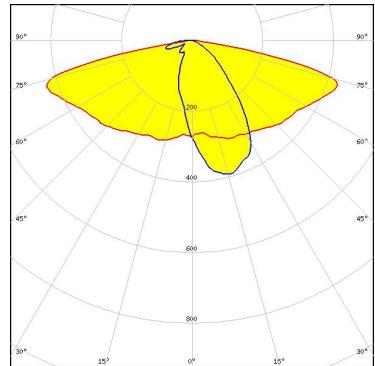
Required components:

Protective plate, glass



LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

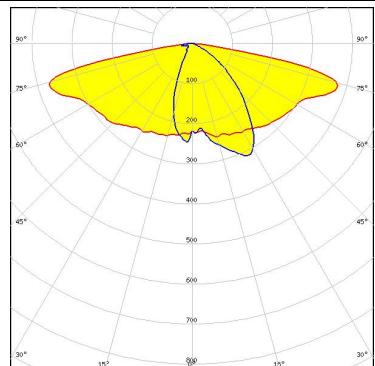
Required components:



LED	XP-G
FWHM / FWTM	160.0 + 63.0° / 166.0 + 93.0°
Efficiency	80 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

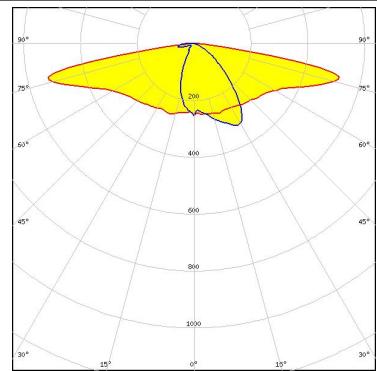


PHOTOMETRIC DATA (SIMULATED):



LED	XP-G2 HE
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

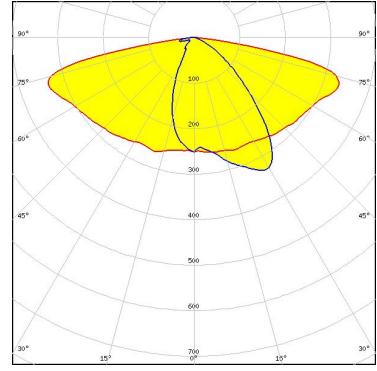
Required components:



LED	XP-G2 HE
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

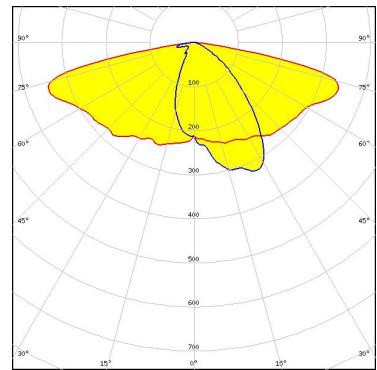
Protective plate, glass



LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

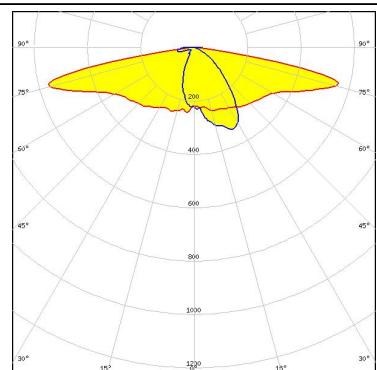
Required components:

Protective plate, glass



LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

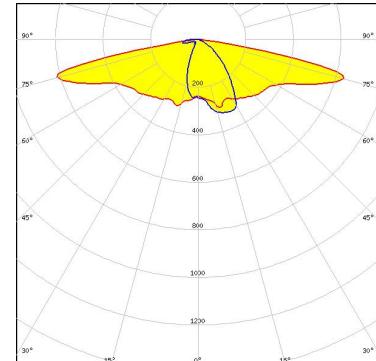


PHOTOMETRIC DATA (SIMULATED):

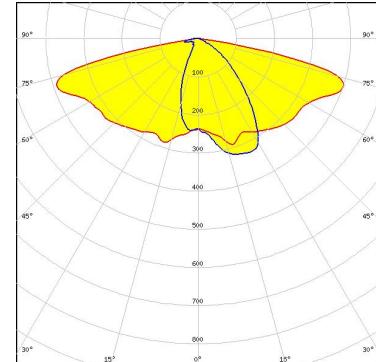


LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

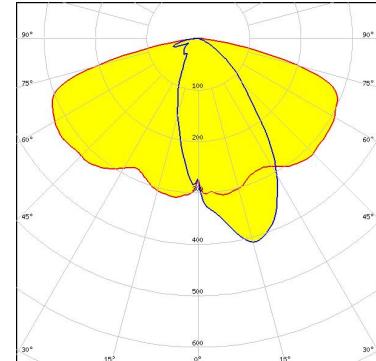


LED XT-E HE
 FWHM / FWTM 160.0 + 60.0° / 164.0 + 151.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E HE
 FWHM / FWTM 158.0 + 60.0° / 164.0 + 141.0°
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



LED LUXEON 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

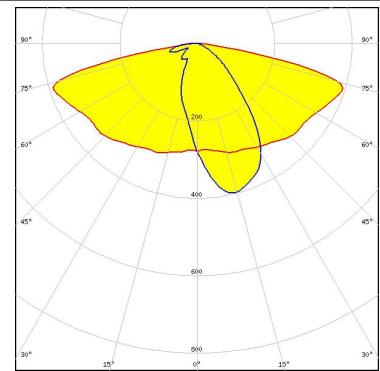
Protective plate, glass

PHOTOMETRIC DATA (SIMULATED):



LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

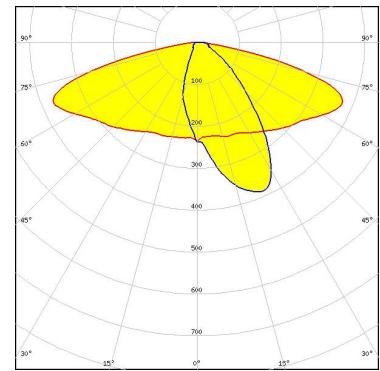
Required components:



LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

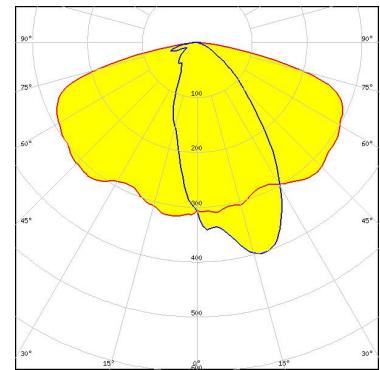
C17580_STRADA-2X2-SHD-WHT



LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

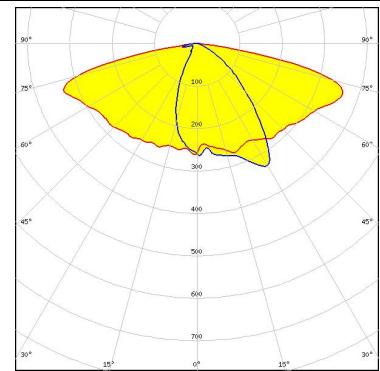
Protective plate, glass



LED	LUXEON HL2X
FWHM / FWTM	157.0 + 62.0° / 166.0 + 141.0°
Efficiency	81 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON HL2X-P

FWHM / FWTM Asymmetric

Efficiency 81 %

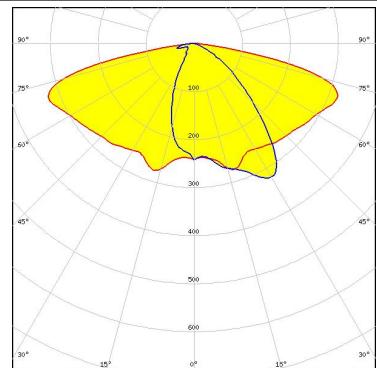
Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass



LUMILEDS

LED LUXEON HL2X-P

FWHM / FWTM Asymmetric

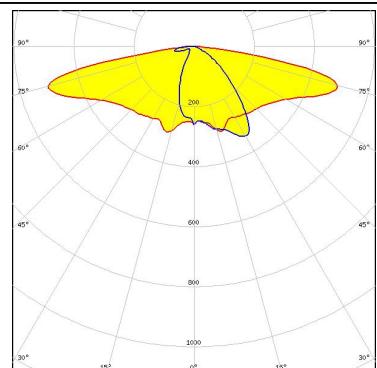
Efficiency 95 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LUMILEDS

LED LUXEON TX

FWHM / FWTM 157.0 + 58.0° / 164.0 + 139.0°

Efficiency 81 %

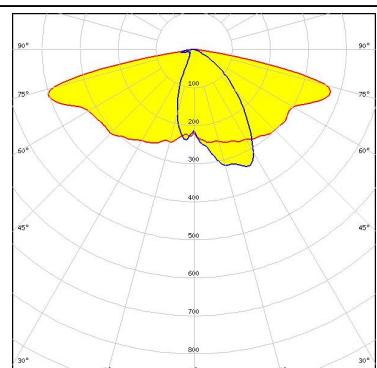
Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass



LUMILEDS

LED LUXEON V2

FWHM / FWTM 158.0 + 57.0° / 164.0 + 149.0°

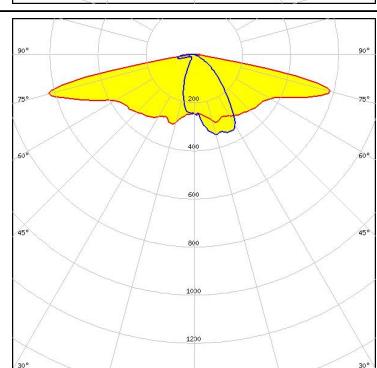
Efficiency 95 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



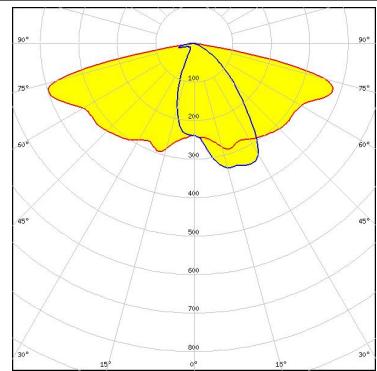
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON V2
FWHM / FWTM	157.0 + 57.0° / 164.0 + 140.0°
Efficiency	84 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

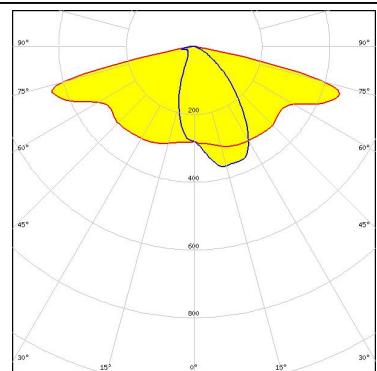


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LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

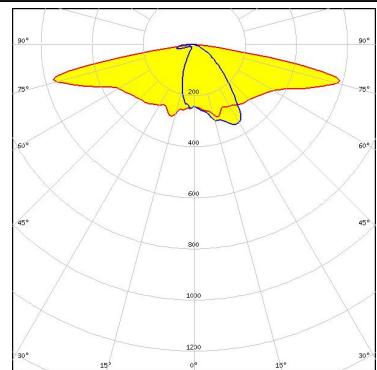
Protective plate, glass



NICHIA

LED	NVSW219F
FWHM / FWTM	160.0 + 59.0° / 166.0 + 150.0°
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

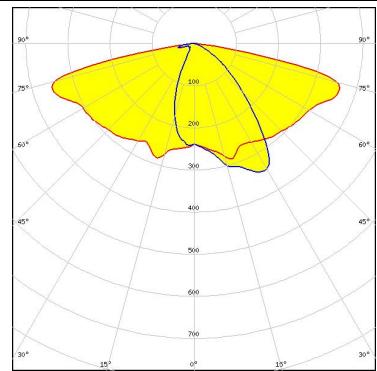


NICHIA

LED	NVSW219F
FWHM / FWTM	158.0 + 59.0° / 164.0 + 141.0°
Efficiency	84 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



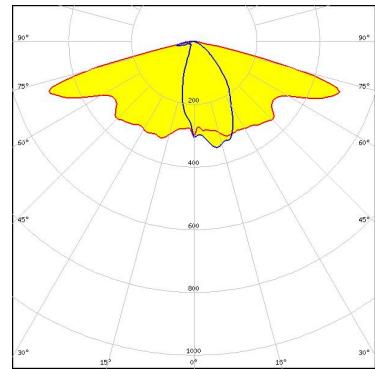
PHOTOMETRIC DATA (SIMULATED):



LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

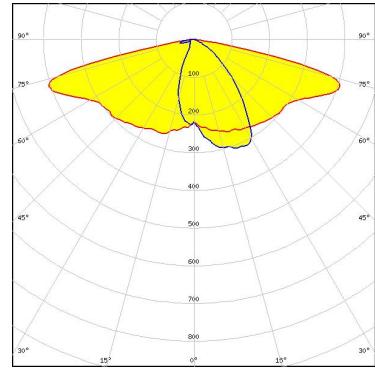
Protective plate, glass



LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

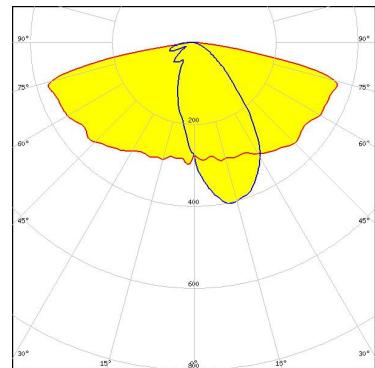
Required components:

Protective plate, glass



LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

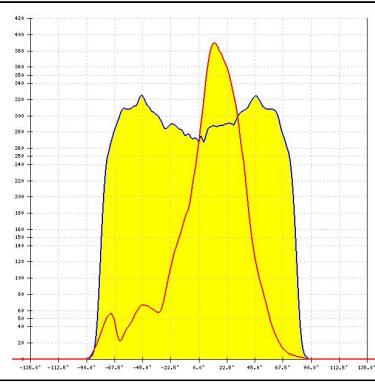
Required components:



LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



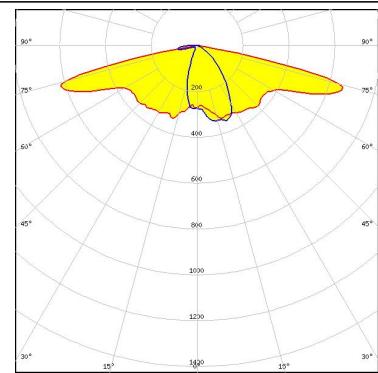
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	OSCONIQ C 2424
FWHM / FWTM	156.0 + 55.0° / 160.0 + 148.0°
Efficiency	96 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



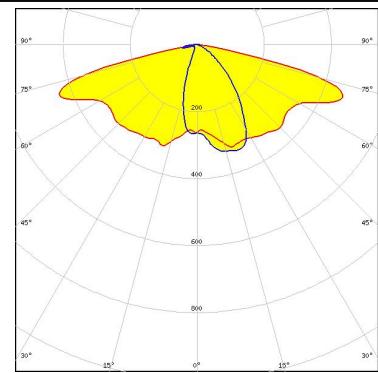
OSRAM

Opto Semiconductors

LED	OSCONIQ C 2424
FWHM / FWTM	154.0 + 55.0° / 160.0 + 141.0°
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



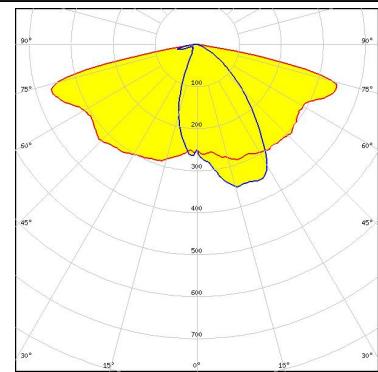
OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

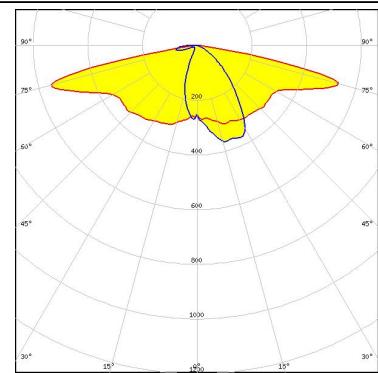


OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (SIMULATED):

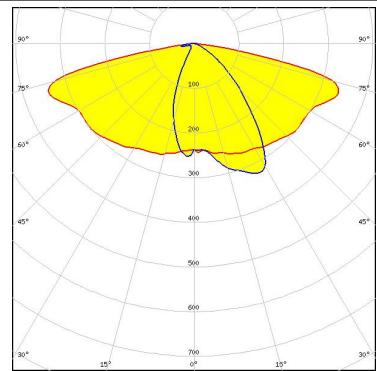
OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

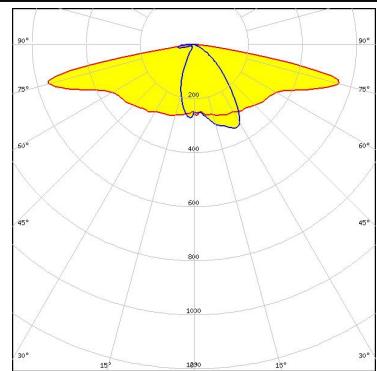


OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

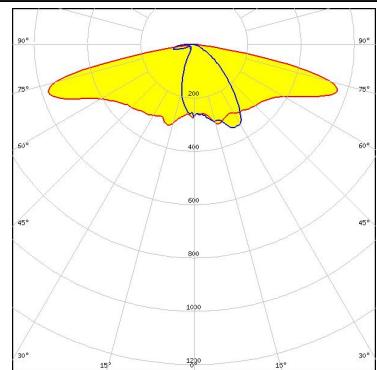


SAMSUNG

LH351B

LED	LH351B
FWHM / FWTM	158.0 + 60.0° / 164.0 + 151.0°
Efficiency	95 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



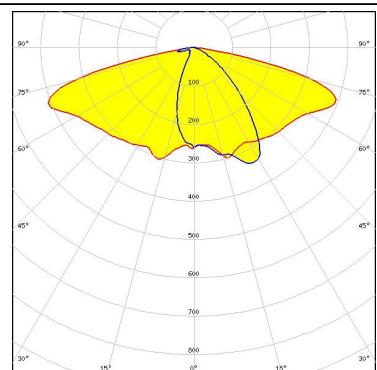
SAMSUNG

LH351B

LED	LH351B
FWHM / FWTM	155.0 + 60.0° / 163.0 + 143.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

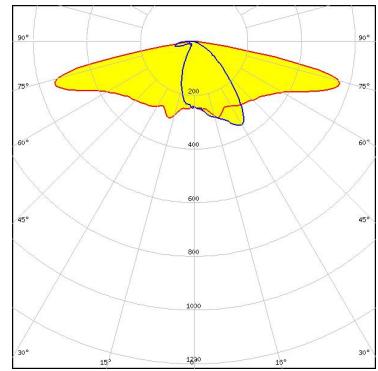


PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351C
FWHM / FWTM	158.0 + 59.0° / 165.0 + 150.0°
Efficiency	95 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

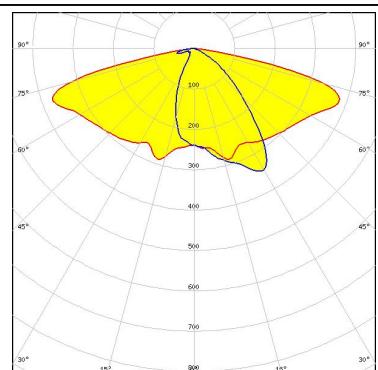


SAMSUNG

LED	LH351C
FWHM / FWTM	156.0 + 60.0° / 164.0 + 141.0°
Efficiency	84 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

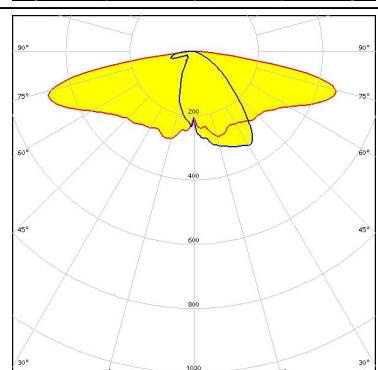
Protective plate, glass



SAMSUNG

LED	LH351D
FWHM / FWTM	162.0 + 61.0° / 170.0 + 152.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

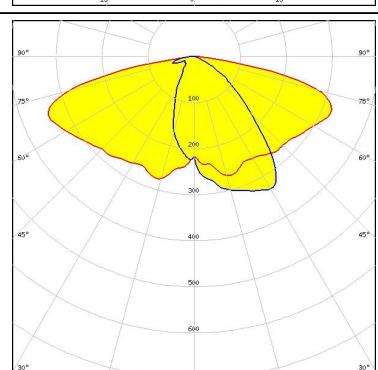


SAMSUNG

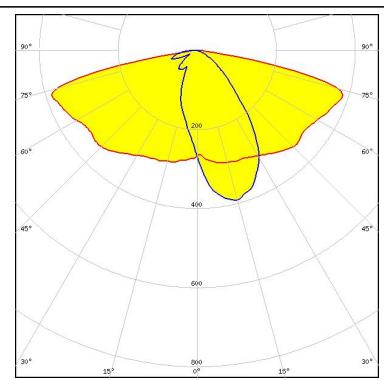
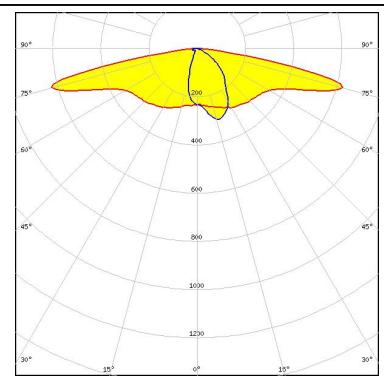
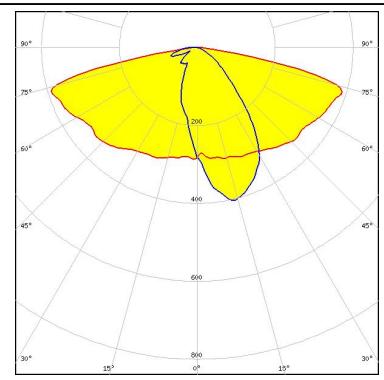
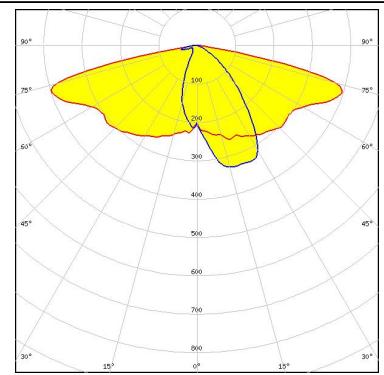
LED	LH351D
FWHM / FWTM	158.0 + 61.0° / 167.0 + 143.0°
Efficiency	83 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

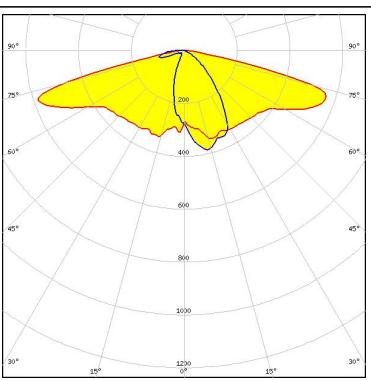
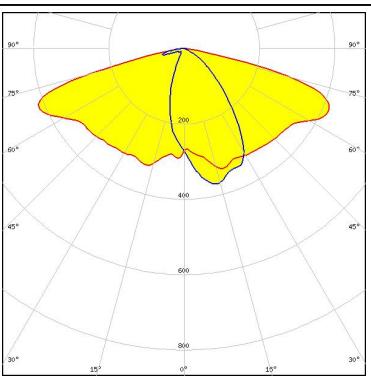
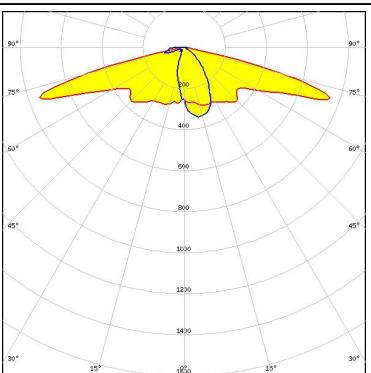
Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

<p>SEoul SEMICONDUCTOR</p> <p>LED MJT 5050</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</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 SEOUL DC 3030C</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</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>SEoul SEMICONDUCTOR</p> <p>LED SEOUL DC 5050 6V</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>	
<p>SEoul SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 80 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <div data-bbox="158 1864 412 1931" style="background-color: #e0f2ff; padding: 5px; border-radius: 5px;"> <p>Protective plate, glass</p> </div>	

PHOTOMETRIC DATA (SIMULATED):

<p>SEoul SEMICONDUCTOR</p> <p>LED Z5M4</p> <p>FWHM / FWTM 154.0 + 51.0° / 164.0 + 147.0°</p> <p>Efficiency 96 %</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>SEoul SEMICONDUCTOR</p> <p>LED Z5M4</p> <p>FWHM / FWTM 152.0 + 51.0° / 161.0 + 140.0°</p> <p>Efficiency 85 %</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>	
<p>SEoul SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 93 %</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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