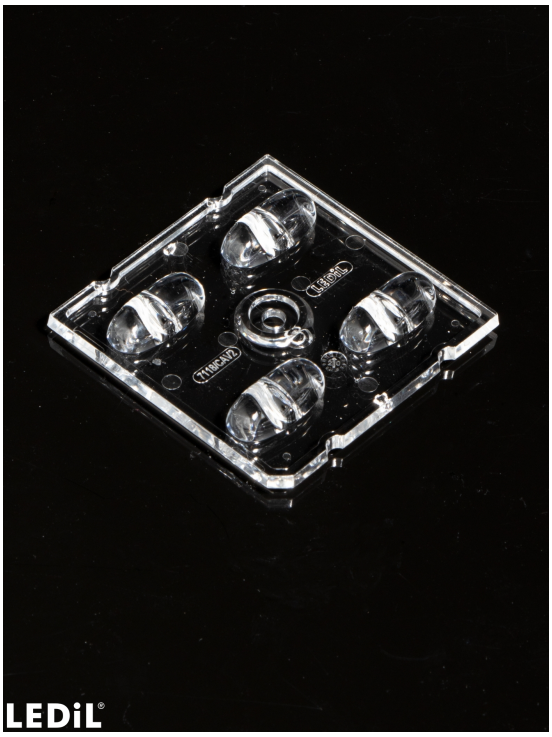
STRADA-2X2-T1-M

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:

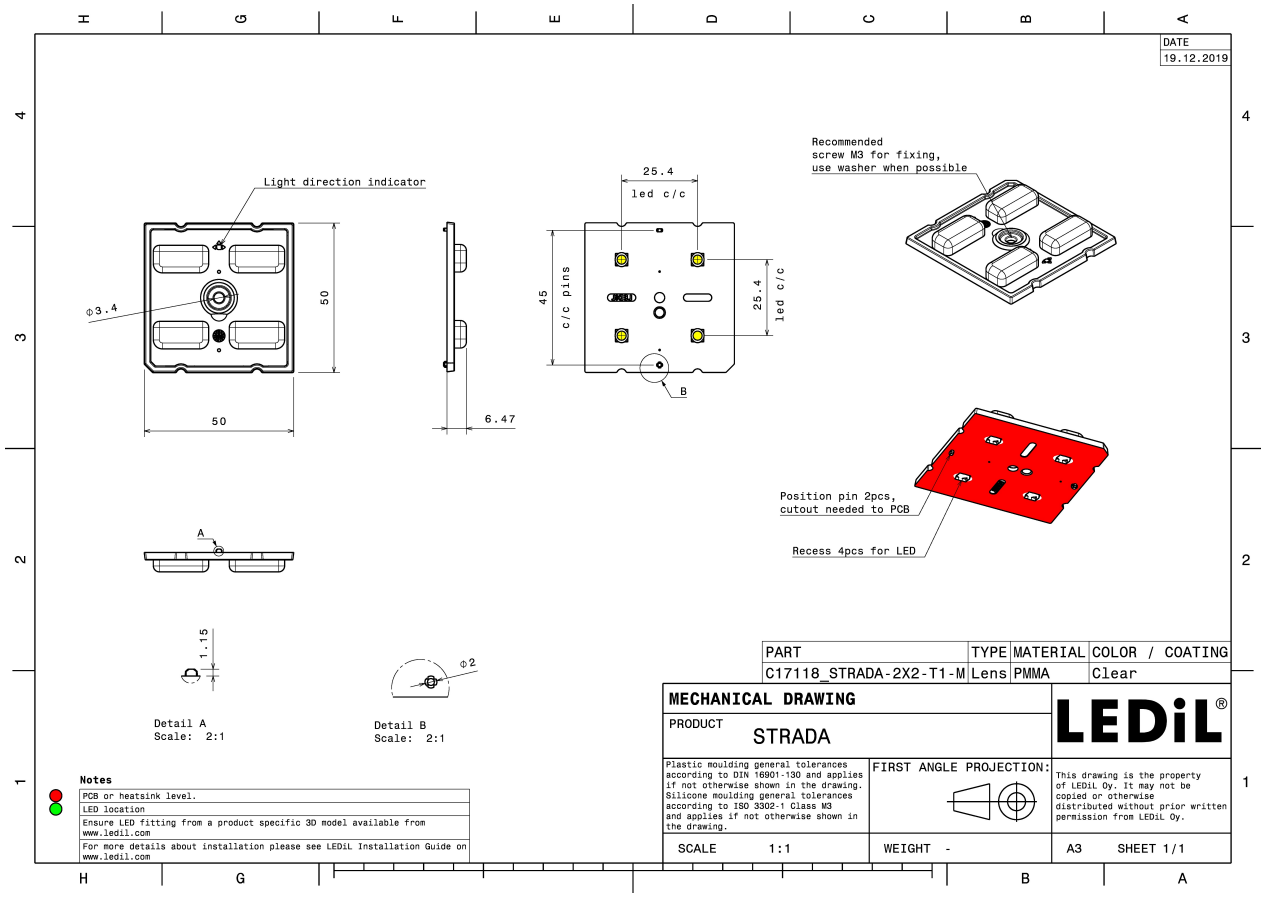
Dimensions	50.0 x 50.0 mm
Height	6.5 mm
Fastening	screw
ROHS compliant	yes

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



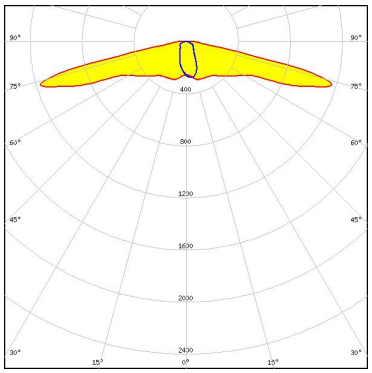
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

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

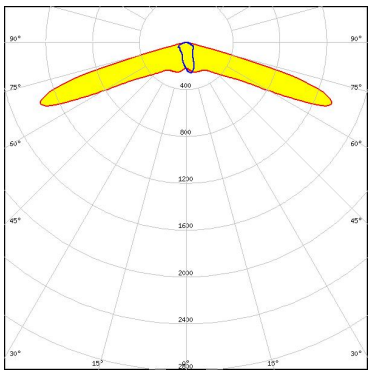
Required components:



SEOUL SEMICONDUCTOR

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

Required components:



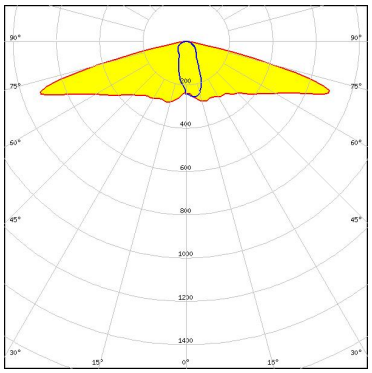
OPTICAL RESULTS (SIMULATED):

CREE LEDs

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

Required components:

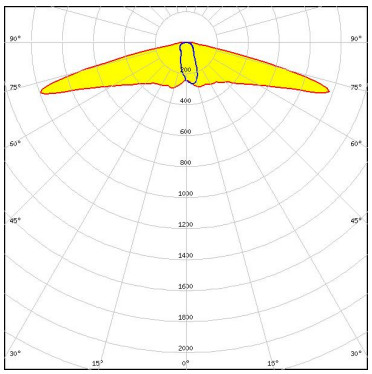
Protective plate, glass



CREE LEDs

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

Required components:

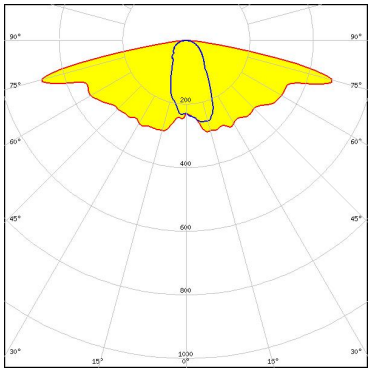


CREE LEDs

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

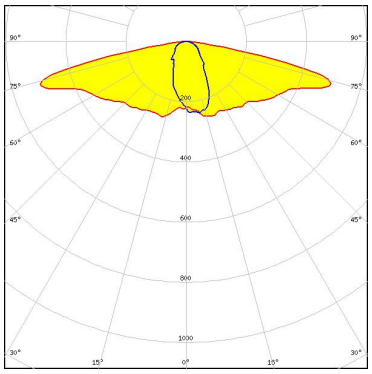


CREE LEDs

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

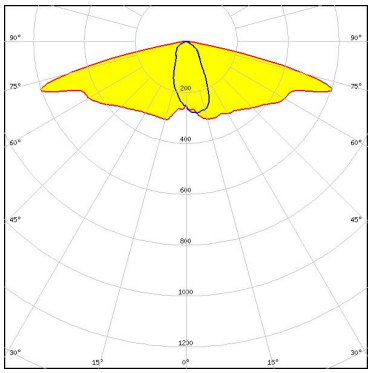


OPTICAL RESULTS (SIMULATED):

CREE LEDs

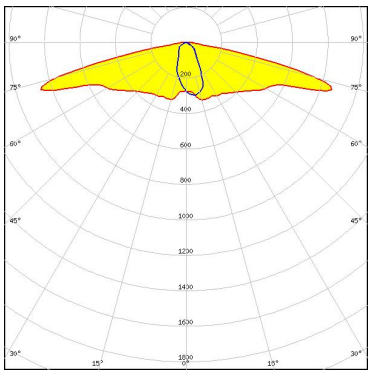
LED	XP-G4
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



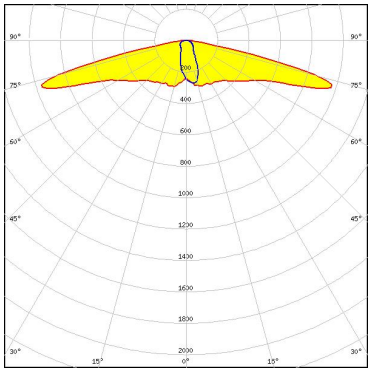
CREE LEDs

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



LUMILEDS

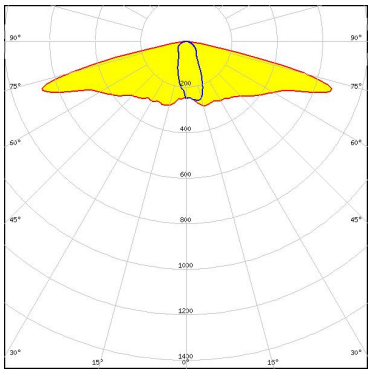
LED	LUXEON 3030 HE Plus
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON 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



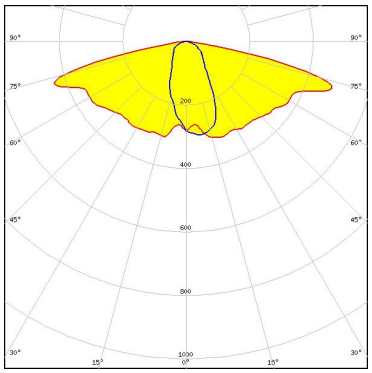
OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON HL2X
FWHM / FWTM	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

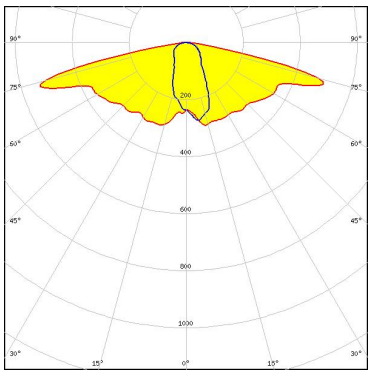


LUMILEDS

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:

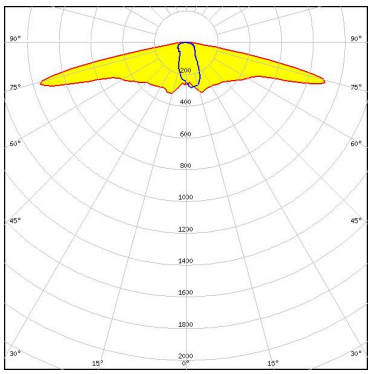
Protective plate, glass



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:

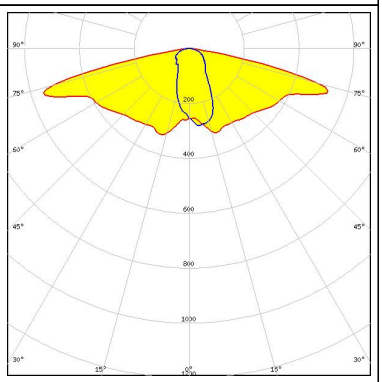


LUMILEDS

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



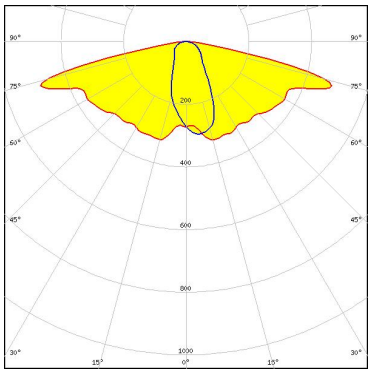
OPTICAL RESULTS (SIMULATED):

MST 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

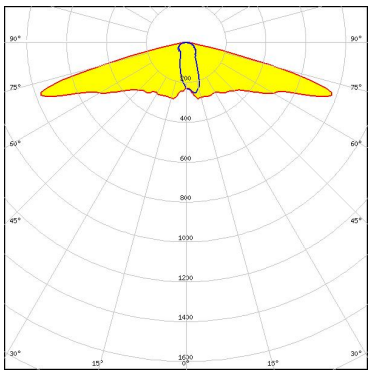


NICHIA

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

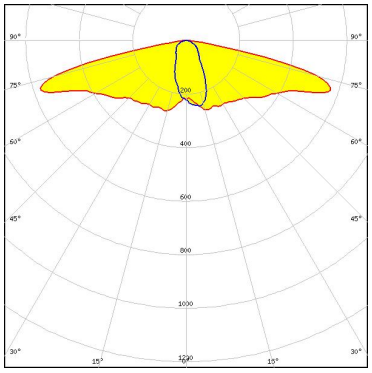


NICHIA

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

Required components:

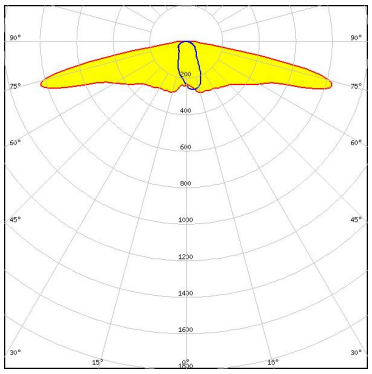
Protective plate, glass



NICHIA

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

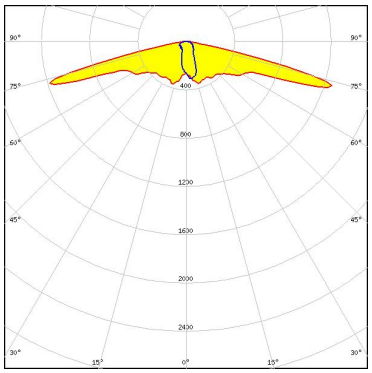
Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

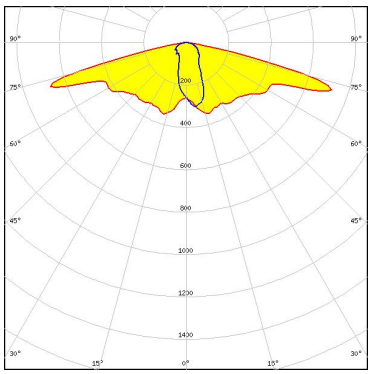
LED	OSCONIQ C 2424
FWHM / FWTM	154.0 + 39.0° / 162.0 + 155.0°
Efficiency	95 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

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:	

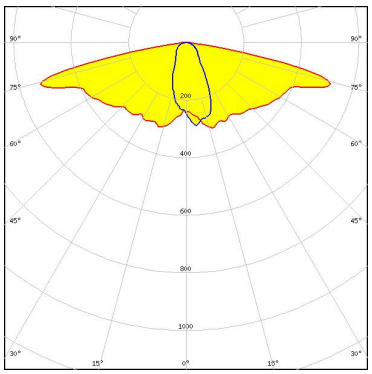
Protective plate, glass



OSRAM
Opto Semiconductors

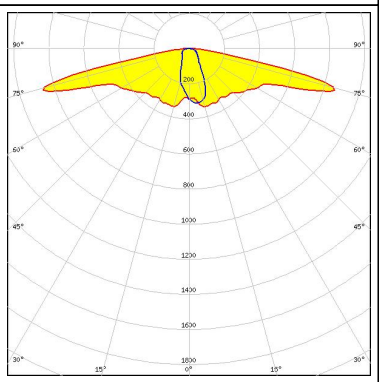
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



OSRAM
Opto Semiconductors

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



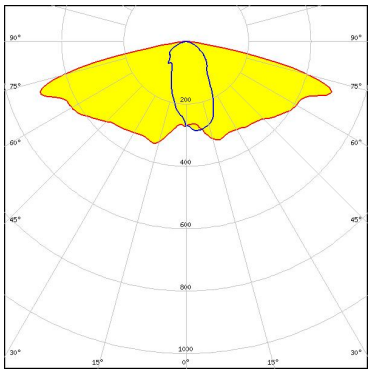
OPTICAL RESULTS (SIMULATED):

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:

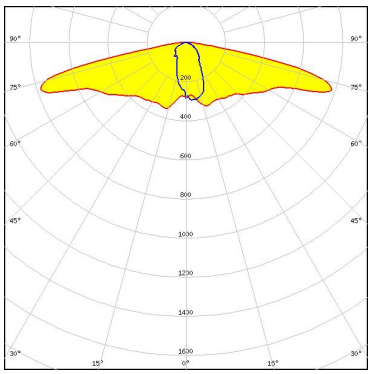
Protective plate, glass



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

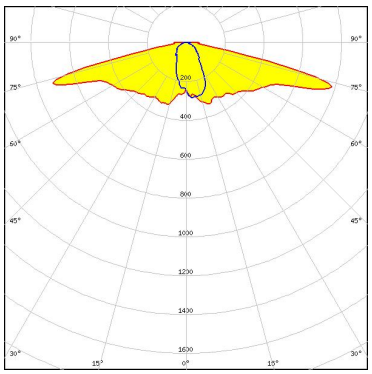
Required components:



SAMSUNG

LED	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:

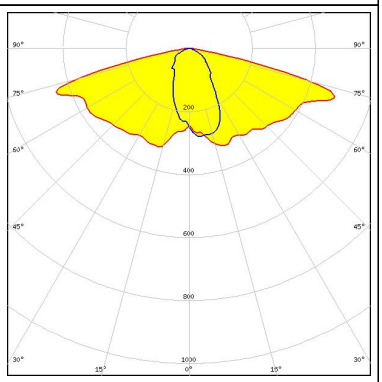


SAMSUNG

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



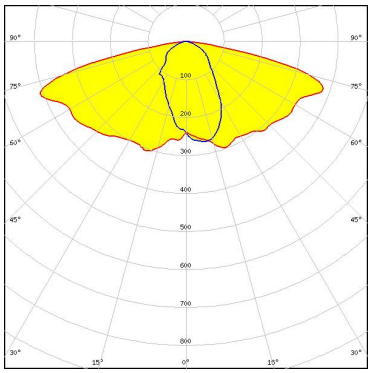
OPTICAL RESULTS (SIMULATED):

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:

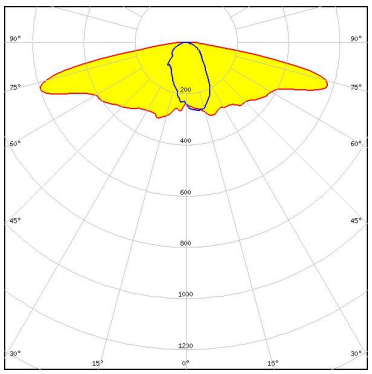
Protective plate, glass



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:

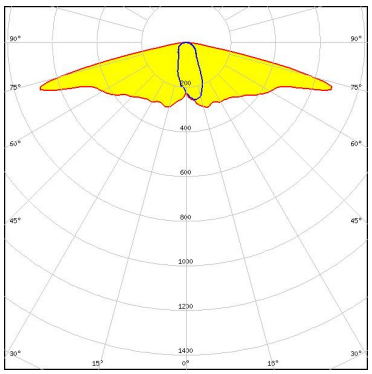


SEOUL SEMICONDUCTOR

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

Required components:

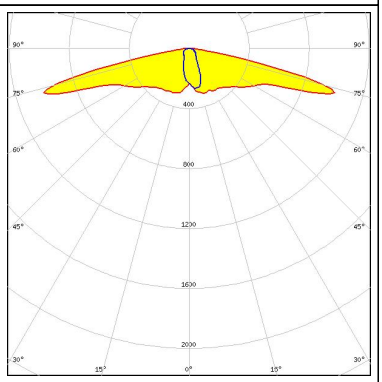
Protective plate, glass



SEOUL SEMICONDUCTOR

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

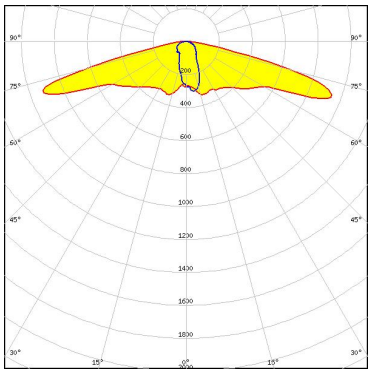
Required components:



OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

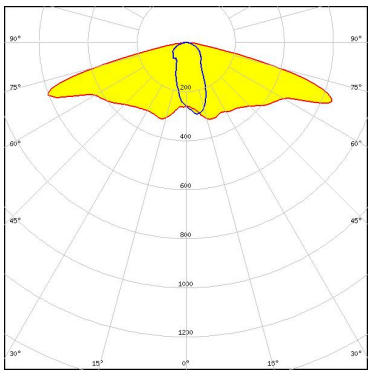
LED	Z5M4
FWHM / FWTM	152.0 + 44.0° / 166.0 + 151.0°
Efficiency	95 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	151.0 + 44.0° / 162.0 + 144.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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