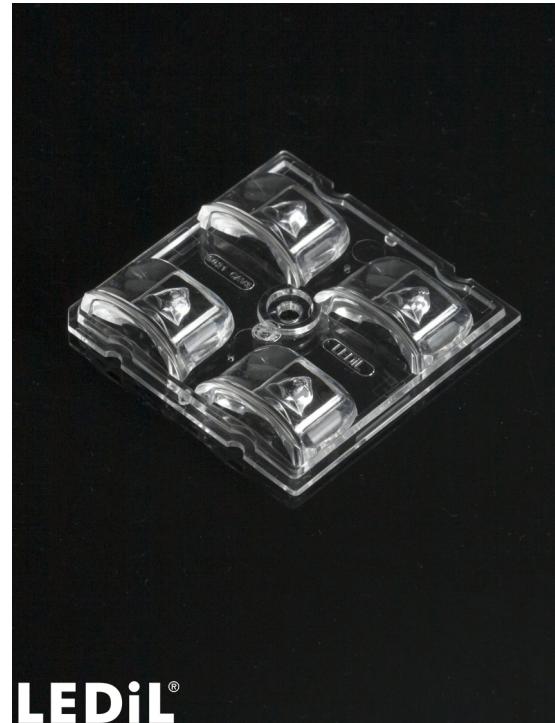


STRADA-2X2-SCL

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

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	7.8 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

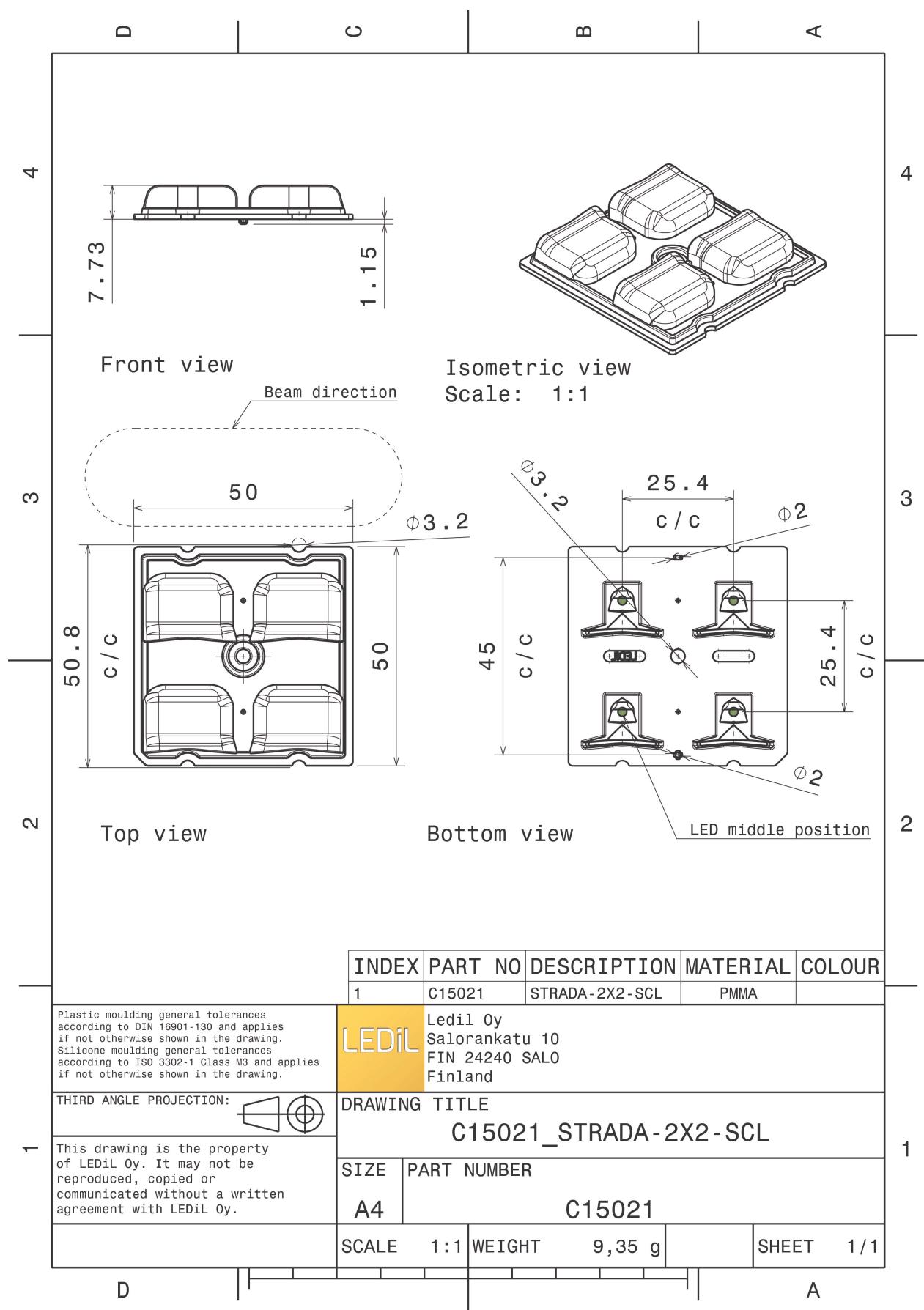


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15021_STRADA-2X2-SCL » Box size: 480 x 280 x 300 mm	800	160	160	8.3



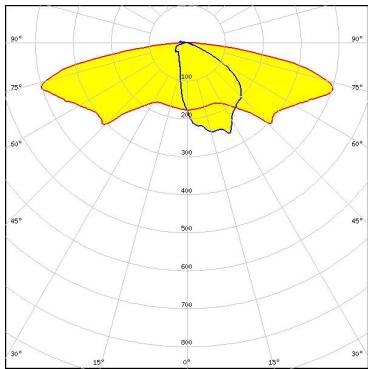
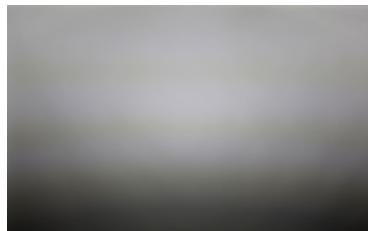
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):



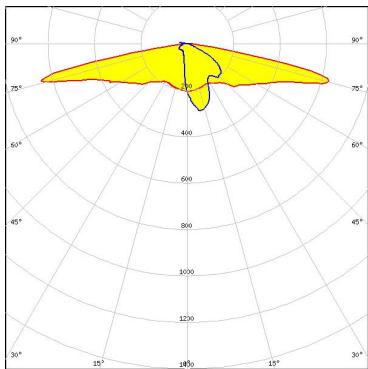
LED	Bridgelux SMD 5050
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



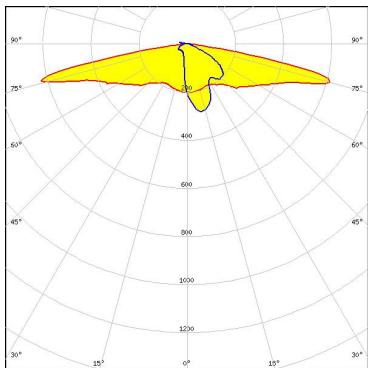
LED	QUICK FLUX XTP 2x4 xxx LS G5
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



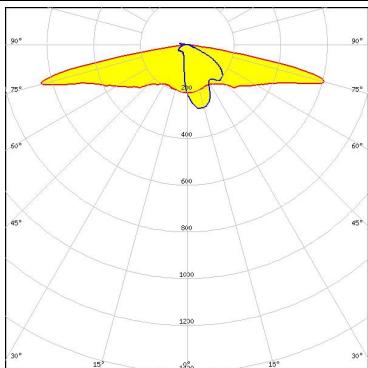
LED	QUICK FLUX XTP 2x6 xxx LS G5
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

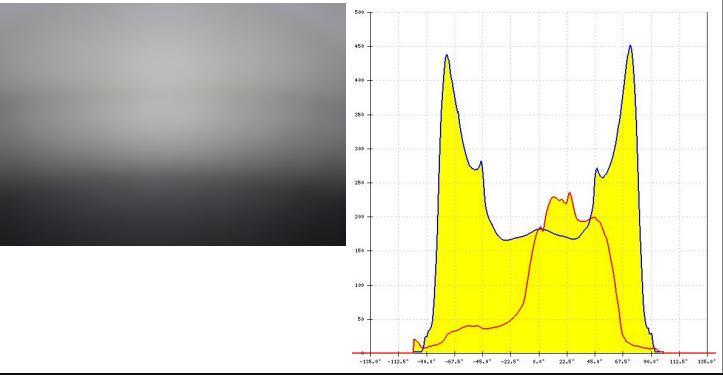
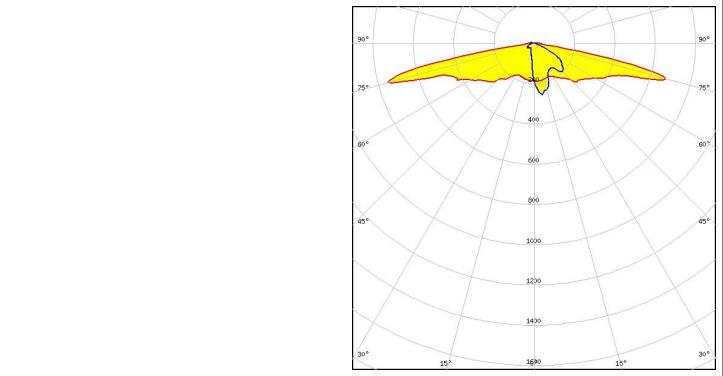
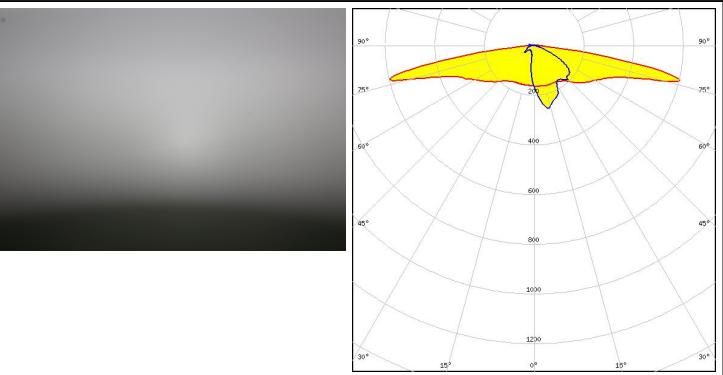
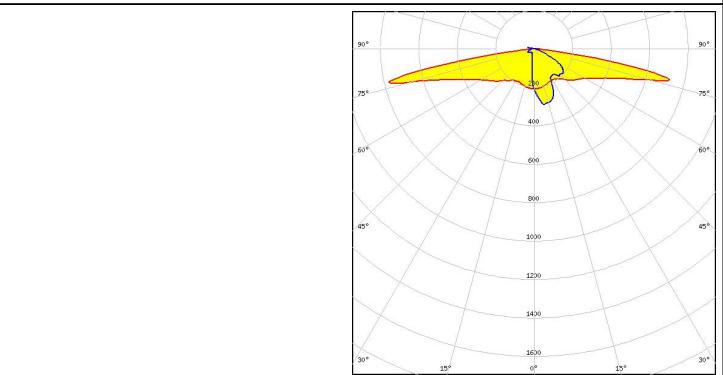


LED	QUICK FLUX XTP 2x8 xxx LS G5
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



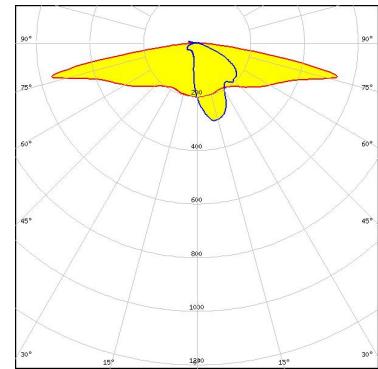
PHOTOMETRIC DATA (MEASURED):

	<p>LED XD16 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 4 Light colour White Required components:</p>	
	<p>LED XD16 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L3 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XP-G2 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

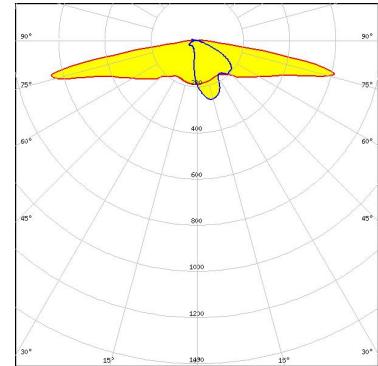
PHOTOMETRIC DATA (MEASURED):



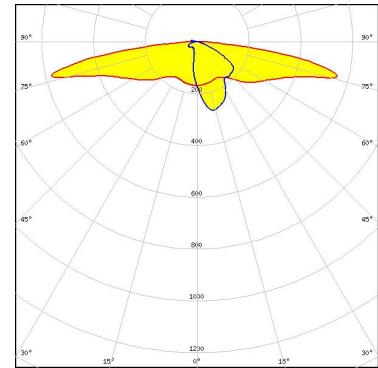
LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
 Required components:



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

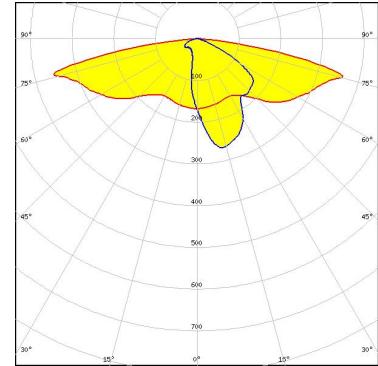


LED XP-L HD
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
 Required components:



LED XP-L HD
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
 Required components:

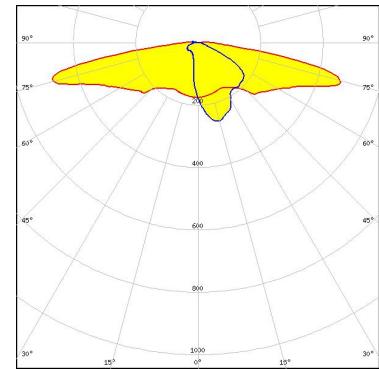
Protective plate, glass



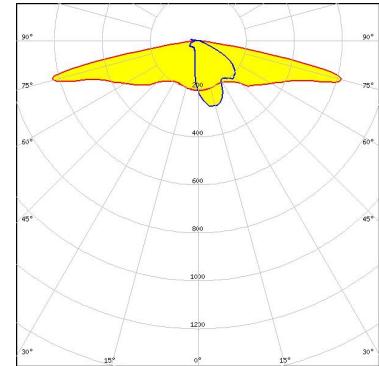
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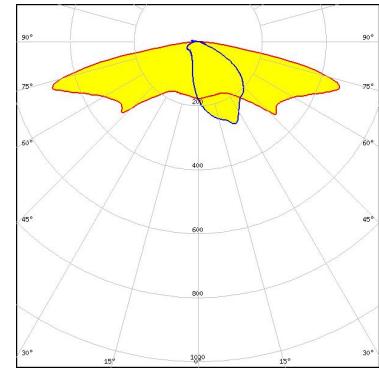
LED XP-L2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED EHP-2x8-3535
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

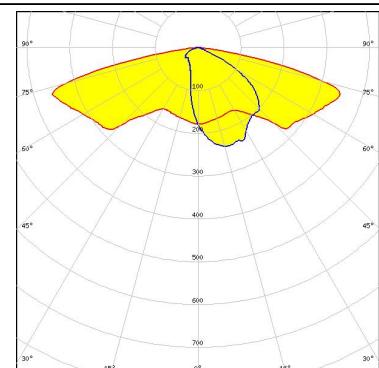


LED EHP-2x8-5050
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 5050 Round LES
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON 5050 Round LES

FWHM / FWTM Asymmetric

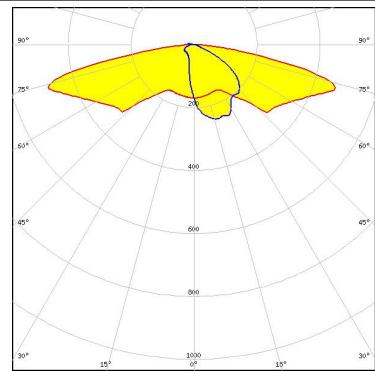
Efficiency 94 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LUMILEDS

LED LUXEON TX

FWHM / FWTM Asymmetric

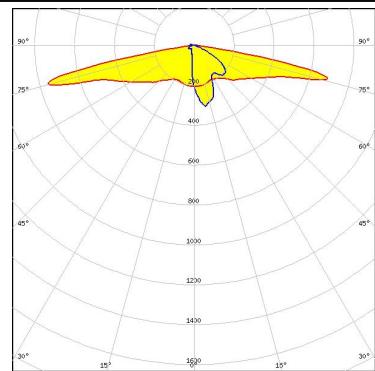
Efficiency 94 %

Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LUMILEDS

LED LUXEON V

FWHM / FWTM Asymmetric

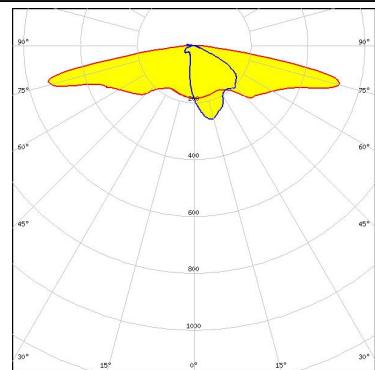
Efficiency 94 %

Peak intensity 0.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LUMILEDS

LED LUXEON V2

FWHM / FWTM Asymmetric

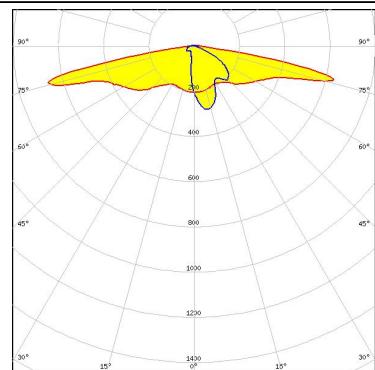
Efficiency 94 %

Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



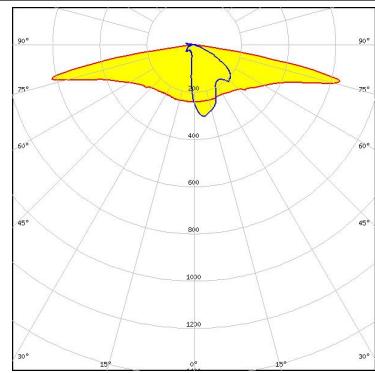
PHOTOMETRIC DATA (MEASURED):



Your solutions

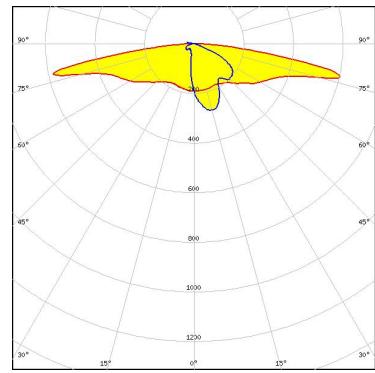
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



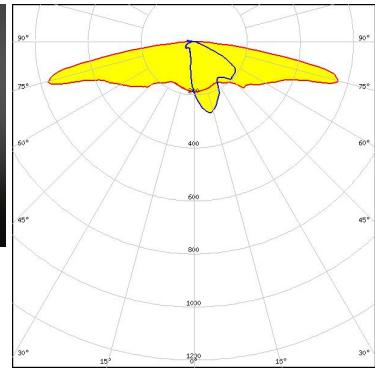
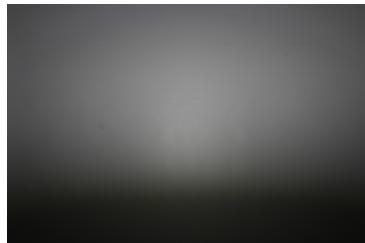
LED	NVSW319B
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



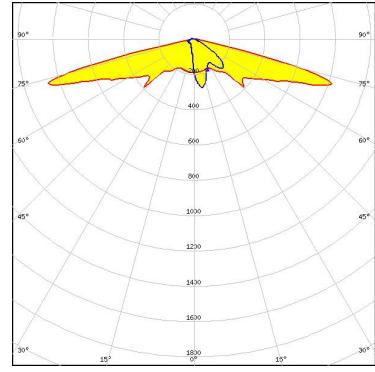
LED	NVSW3x9A
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

LED PL-BRICK HP 3800 2x8 SSG

FWHM / FWTM Asymmetric

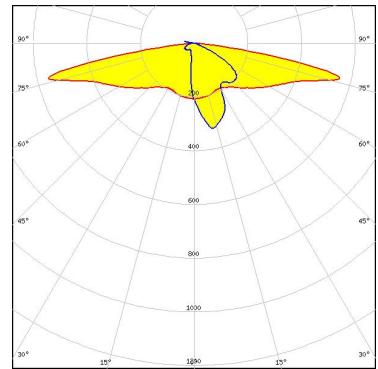
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

LED PrevalLED Brick HP 2x8

FWHM / FWTM Asymmetric

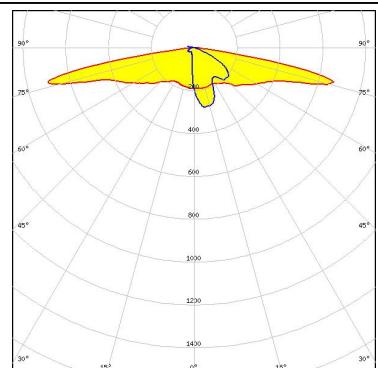
Efficiency 94 %

Peak intensity 1.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED Duris S8

FWHM / FWTM Asymmetric

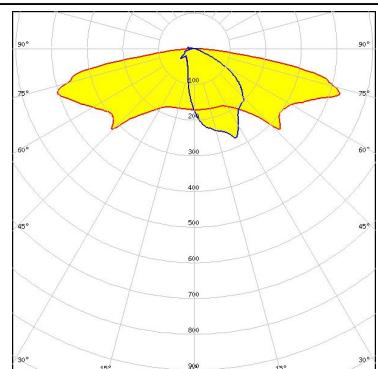
Efficiency 95 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric

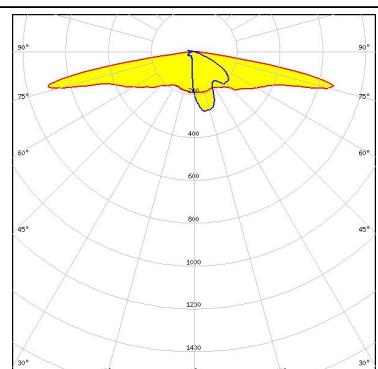
Efficiency 94 %

Peak intensity 1.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square PC

FWHM / FWTM Asymmetric

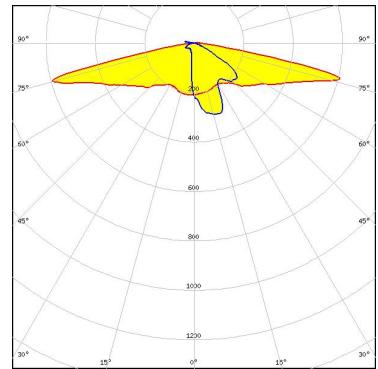
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4

FWHM / FWTM Asymmetric

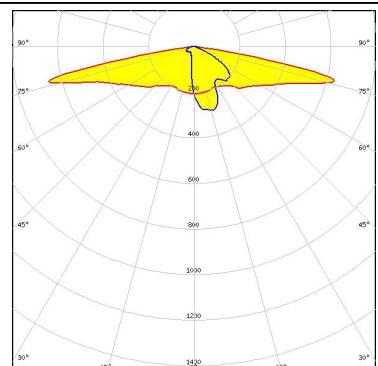
Efficiency 94 %

Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric

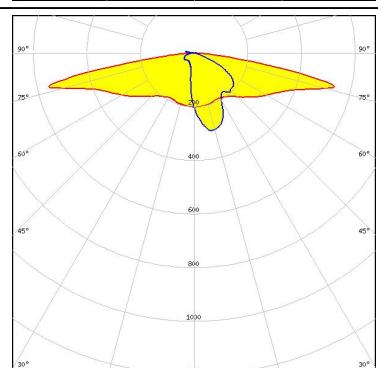
Efficiency 94 %

Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

FWHM / FWTM Asymmetric

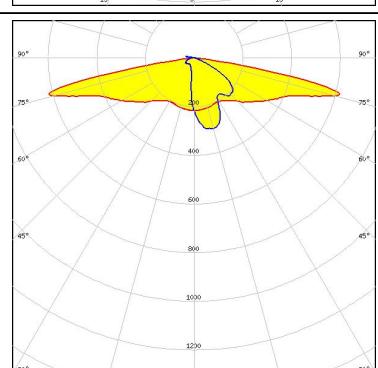
Efficiency 95 %

Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED HiLOM RC12 Z (LH181B)

FWHM / FWTM Asymmetric

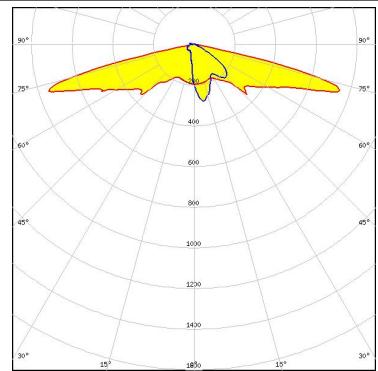
Efficiency 95 %

Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED HiLOM RH12 Z (LH351C)

FWHM / FWTM Asymmetric

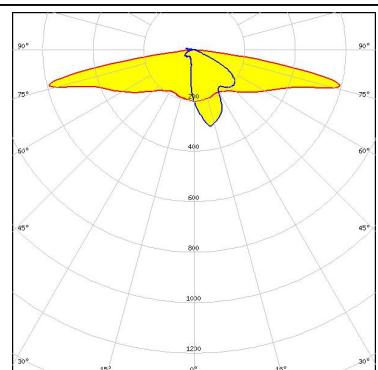
Efficiency 95 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED HiLOM RH16 (LH351C)

FWHM / FWTM Asymmetric

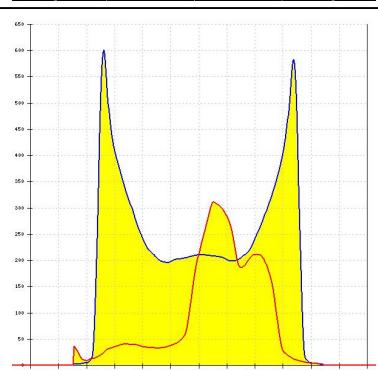
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED HiLOM RM12 Z (LH502C)

FWHM / FWTM Asymmetric

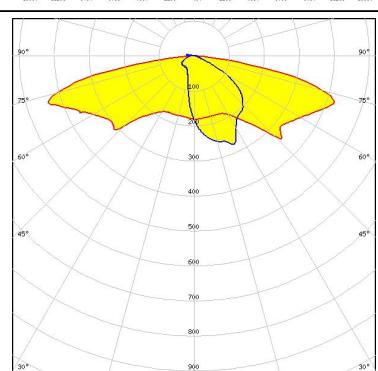
Efficiency 95 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED HiLOM RM16 Z (LH502C)

FWHM / FWTM Asymmetric

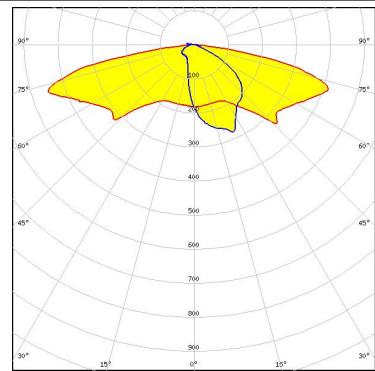
Efficiency 96 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED HiLOM RM8 Z (LH502C)

FWHM / FWTM Asymmetric

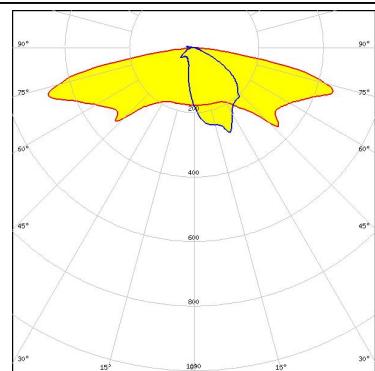
Efficiency 96 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED LH351B

FWHM / FWTM Asymmetric

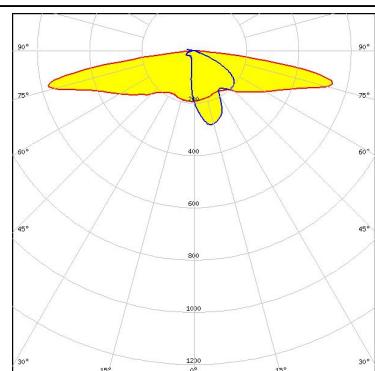
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED LH351C

FWHM / FWTM Asymmetric

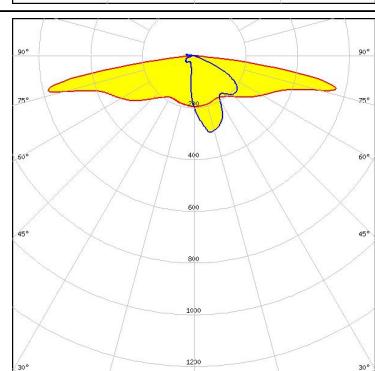
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

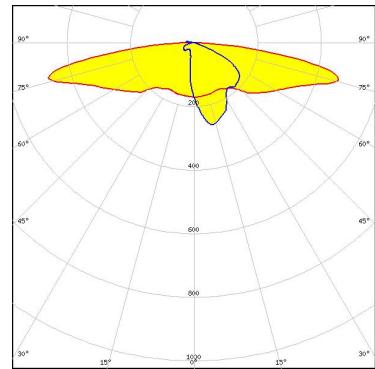
Required components:



PHOTOMETRIC DATA (MEASURED):

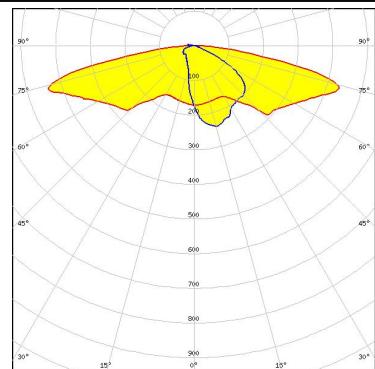
SAMSUNG

LED LH351D
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



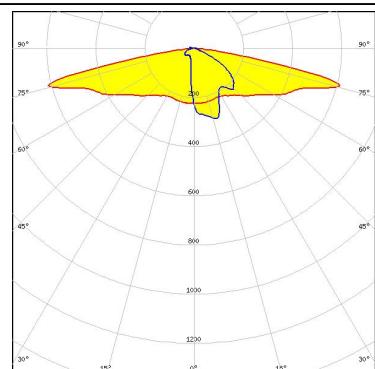
SAMSUNG

LED LH508A
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



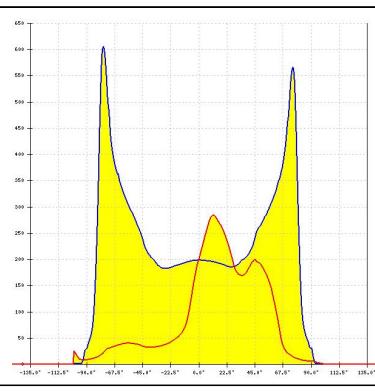
SCITEC Elektronik GmbH

LED LED-Pa-L15c2W11c2-xxx-C050-01
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

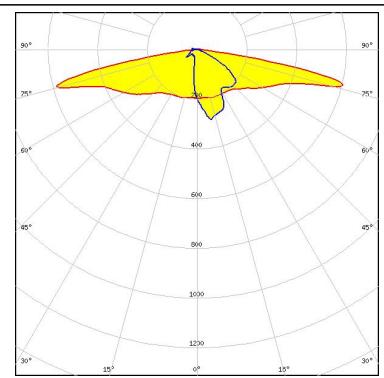
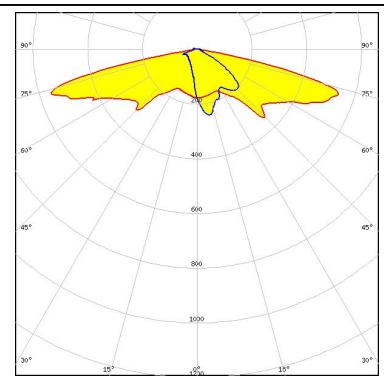
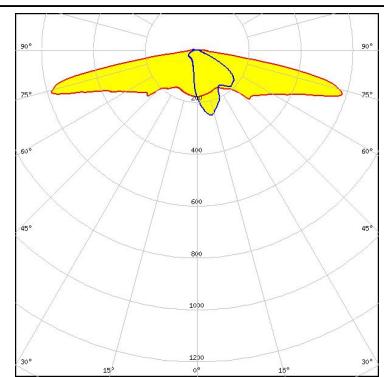
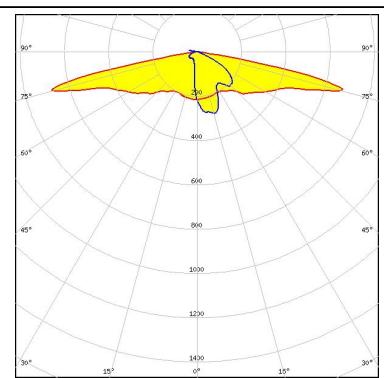


SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<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>	
<p>SEoul SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</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 Z8Y22P</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>TRIDONIC</p> <p>LED RLE 2x8 4000lm HP EXC2 OTD</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

FWHM / FWTM Asymmetric

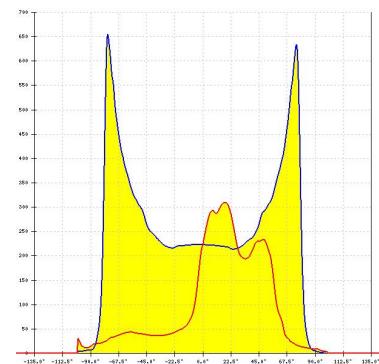
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

FWHM / FWTM Asymmetric

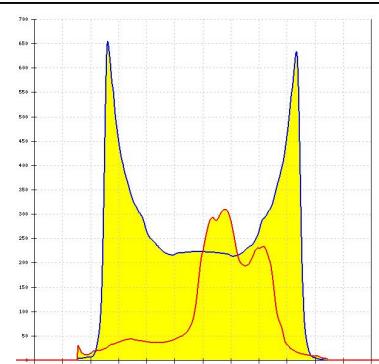
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

FWHM / FWTM Asymmetric

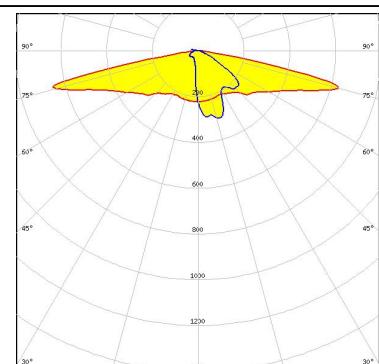
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM / FWTM Asymmetric

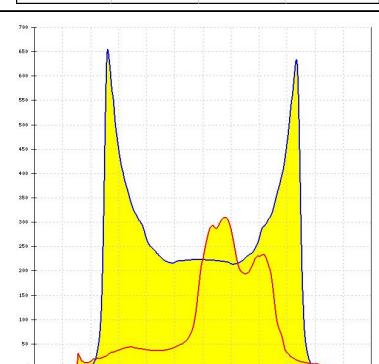
Efficiency 94 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

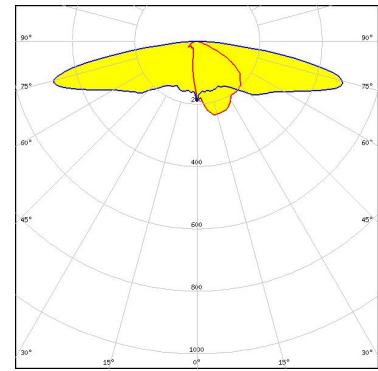
Required components:



PHOTOMETRIC DATA (SIMULATED):

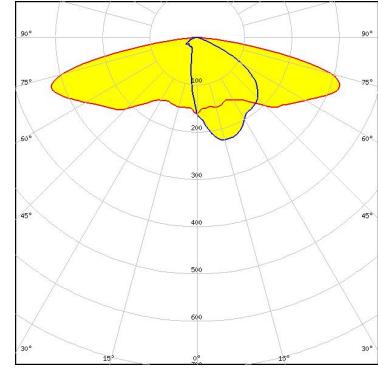


LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

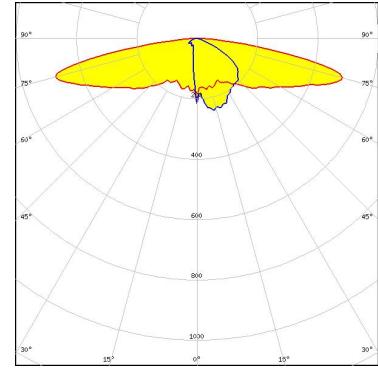


LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

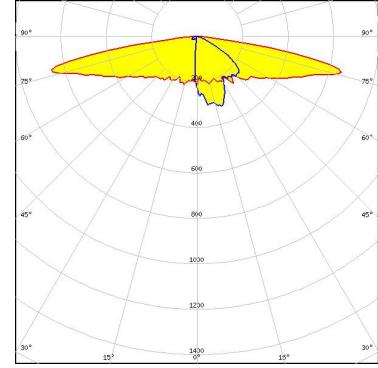
Protective plate, glass



LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	XB-H
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

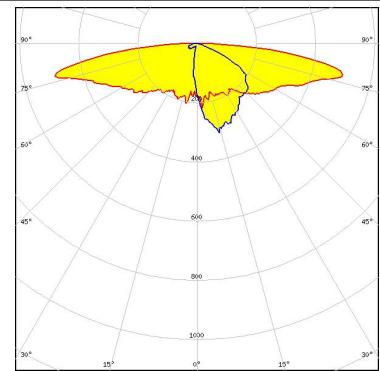


PHOTOMETRIC DATA (SIMULATED):



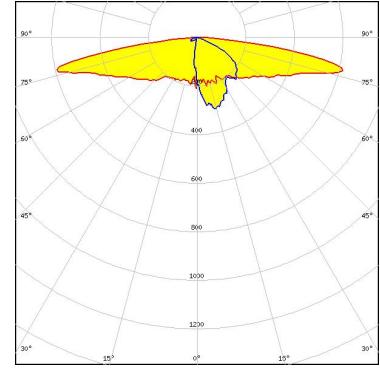
LED	XHP35 HD
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:



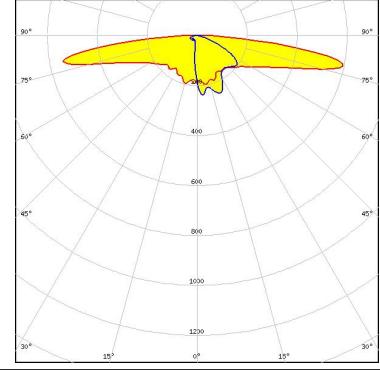
LED	XM-L2
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:



LED	XP-E2
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

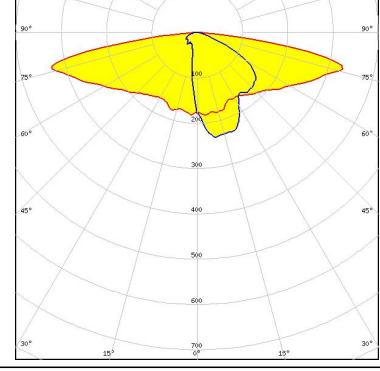
Required components:



LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

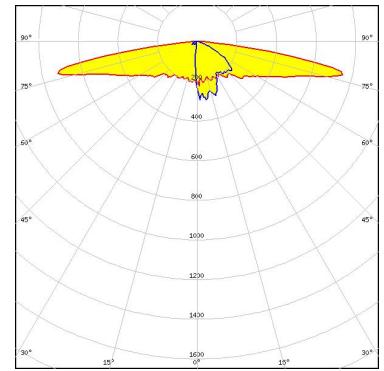


PHOTOMETRIC DATA (SIMULATED):



LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

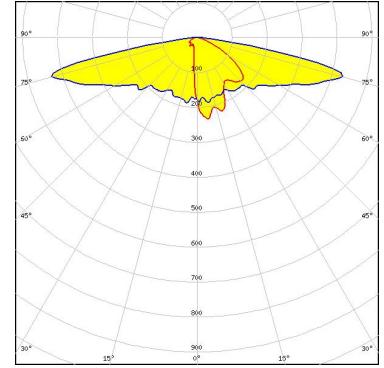
Required components:



LED	XT-E
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

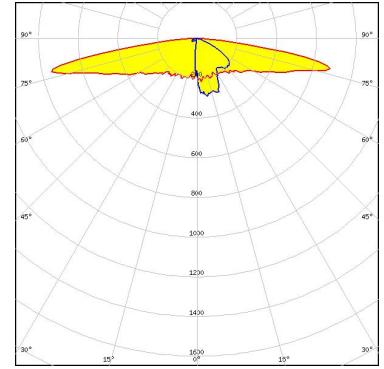
Required components:

Protective plate, glass



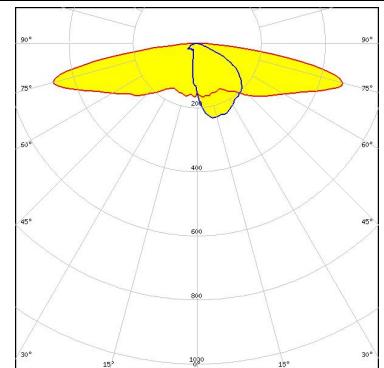
LED	XT-E
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:



LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



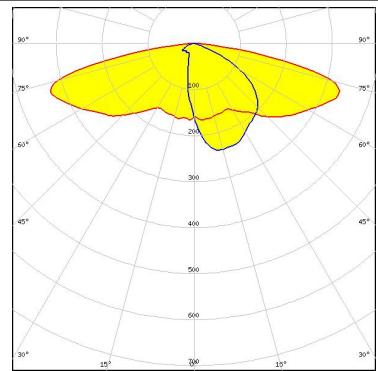
PHOTOMETRIC DATA (SIMULATED):



LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

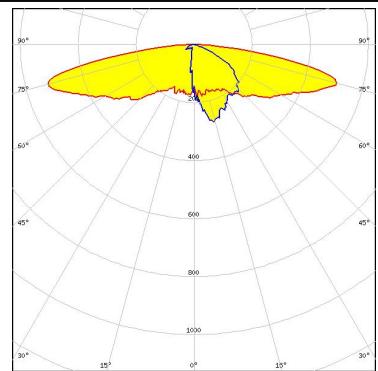
Required components:

Protective plate, glass



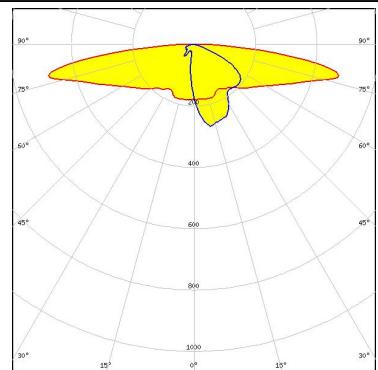
LED	LUXEON 5258
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:



LED	LUXEON HL2X-P
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

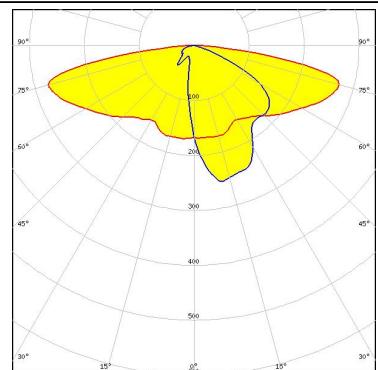
Required components:



LED	LUXEON HL2X-P
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

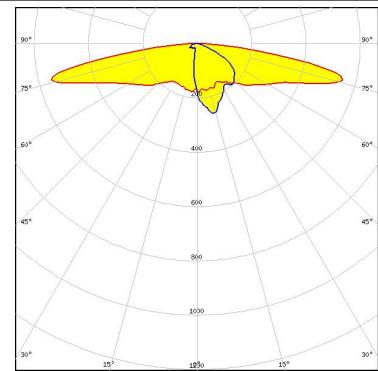
Protective plate, glass



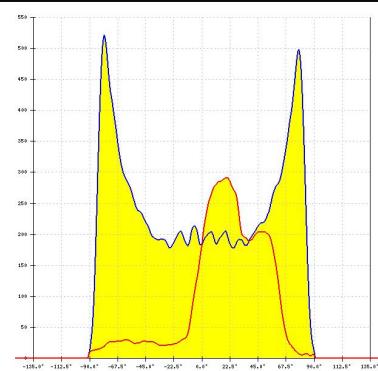
PHOTOMETRIC DATA (SIMULATED):



LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

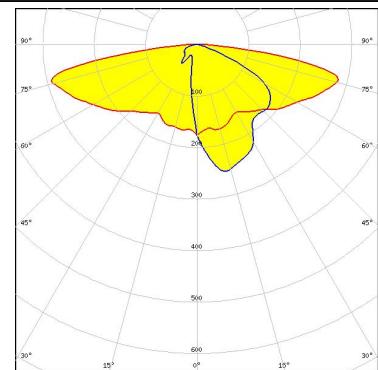


LED	NVSW219D
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

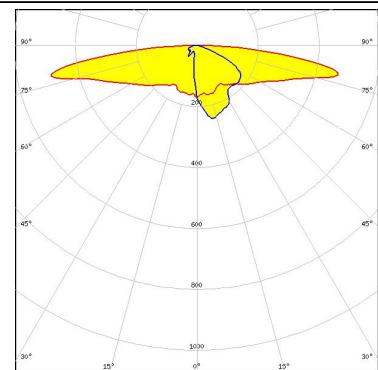


LED	NVSW519A
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



LED	NVSW519A
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



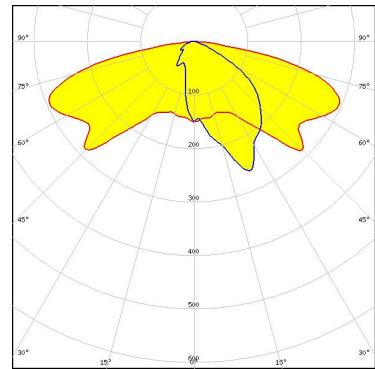
PHOTOMETRIC DATA (SIMULATED):



LED	NVSWE21A 2x2
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.4 cd/lm
LEDs/each optic	4
Light colour	White

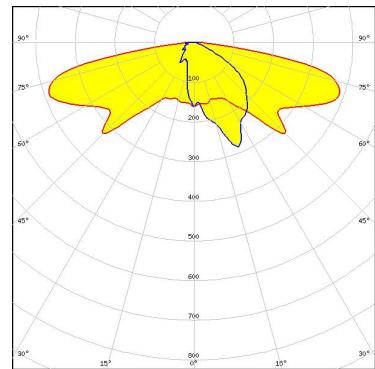
Required components:

Protective plate, glass



LED	NVSWE21A 2x2
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	4
Light colour	White

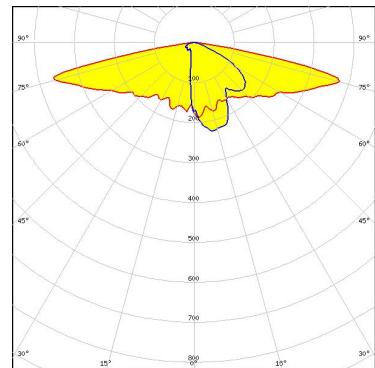
Required components:



LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	69 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

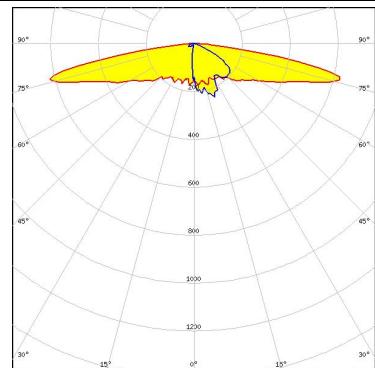
Required components:

Protective plate, glass



LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (SIMULATED):

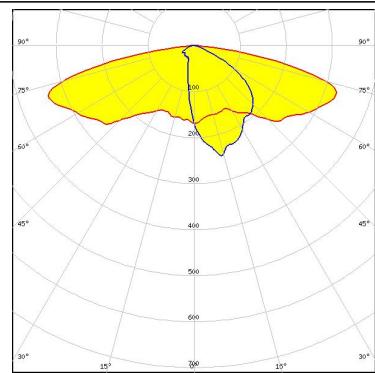
OSRAM

Opto Semiconductors

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

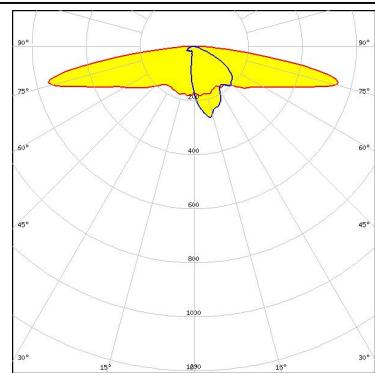


OSRAM

Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



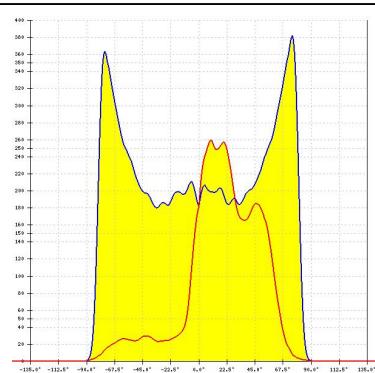
OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

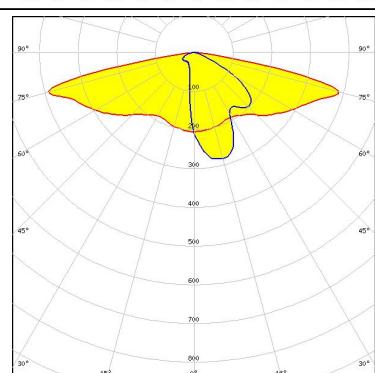


PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

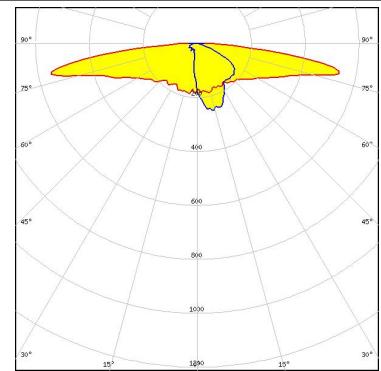


PHOTOMETRIC DATA (SIMULATED):

PHILIPS

LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

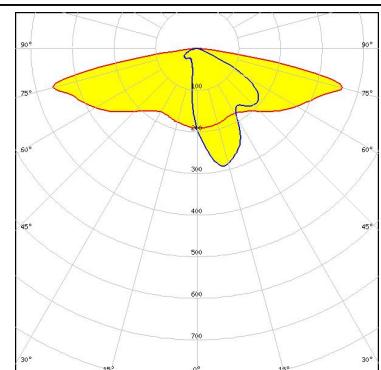


SAMSUNG

LED	HiLOM RH12 Z (LH351C)
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

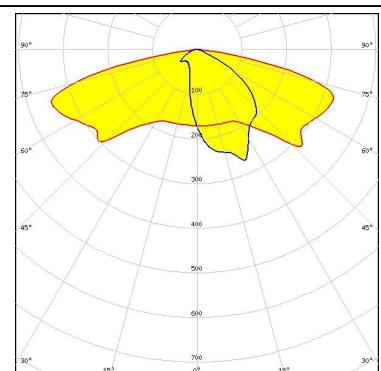


SAMSUNG

LED	HiLOM RM8 Z (LH502C)
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

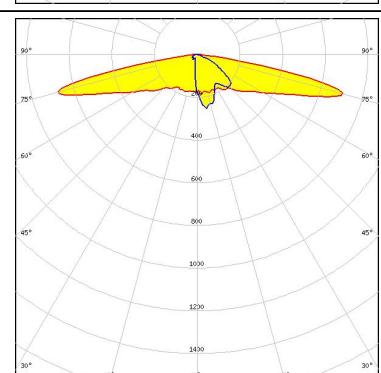
Protective plate, glass



SAMSUNG

LED	LH181B
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

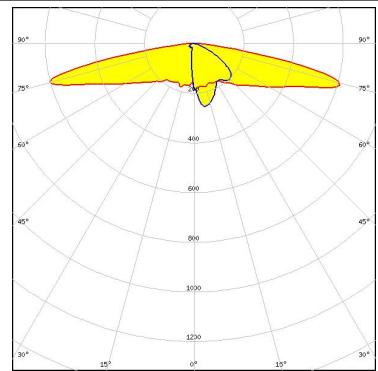
Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

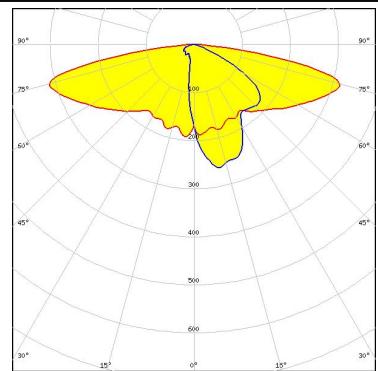
LED LH231B
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

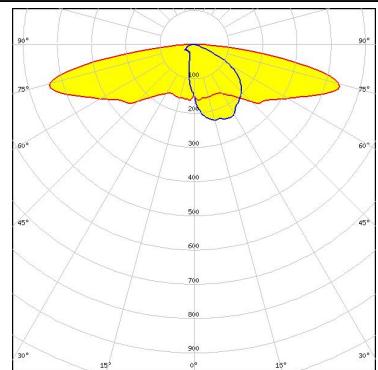
LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



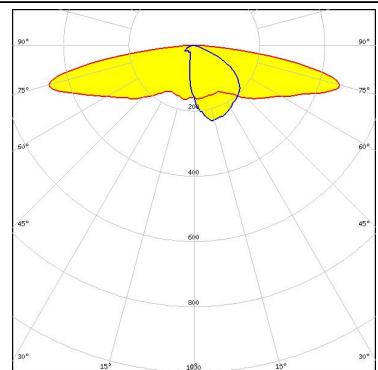
SEoul SEMICONDUCTOR

LED MJT 5050
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

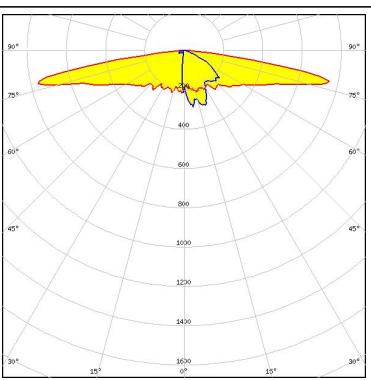
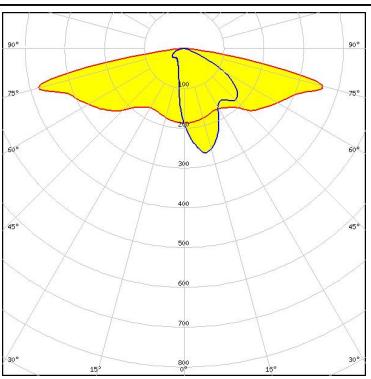
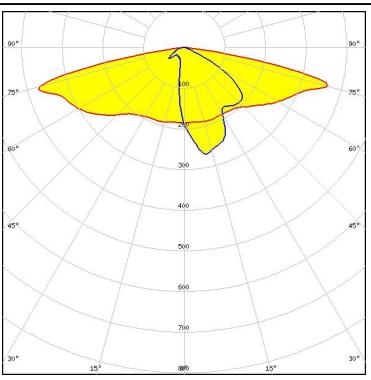
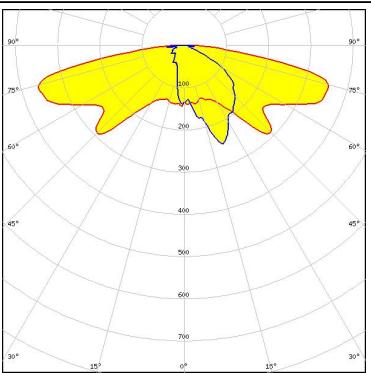


SEoul SEMICONDUCTOR

LED SEOUL DC 5050 6V
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

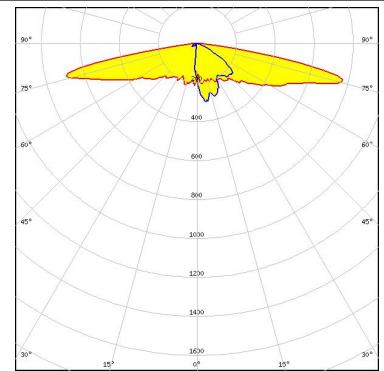
<p>SEoul SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SEoul SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 75 %</p> <p>Peak intensity 0.5 cd/lm</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 Z5M4</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 Z8Y19</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

TOSHIBA

Leading Innovation >>>

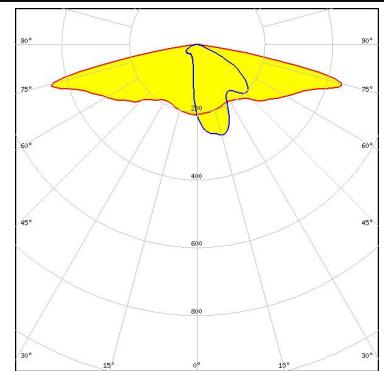
LED TL1L4
FWHM / FWTM Asymmetric
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.6 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.

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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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