

STRADA-2X2-MEW

Beam with extremely low glare fulfilling EN13201 M-class requirements for wet road surfaces in North Europe

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10.2 mm
Fastening	screw
ROHS compliant	yes ⓘ

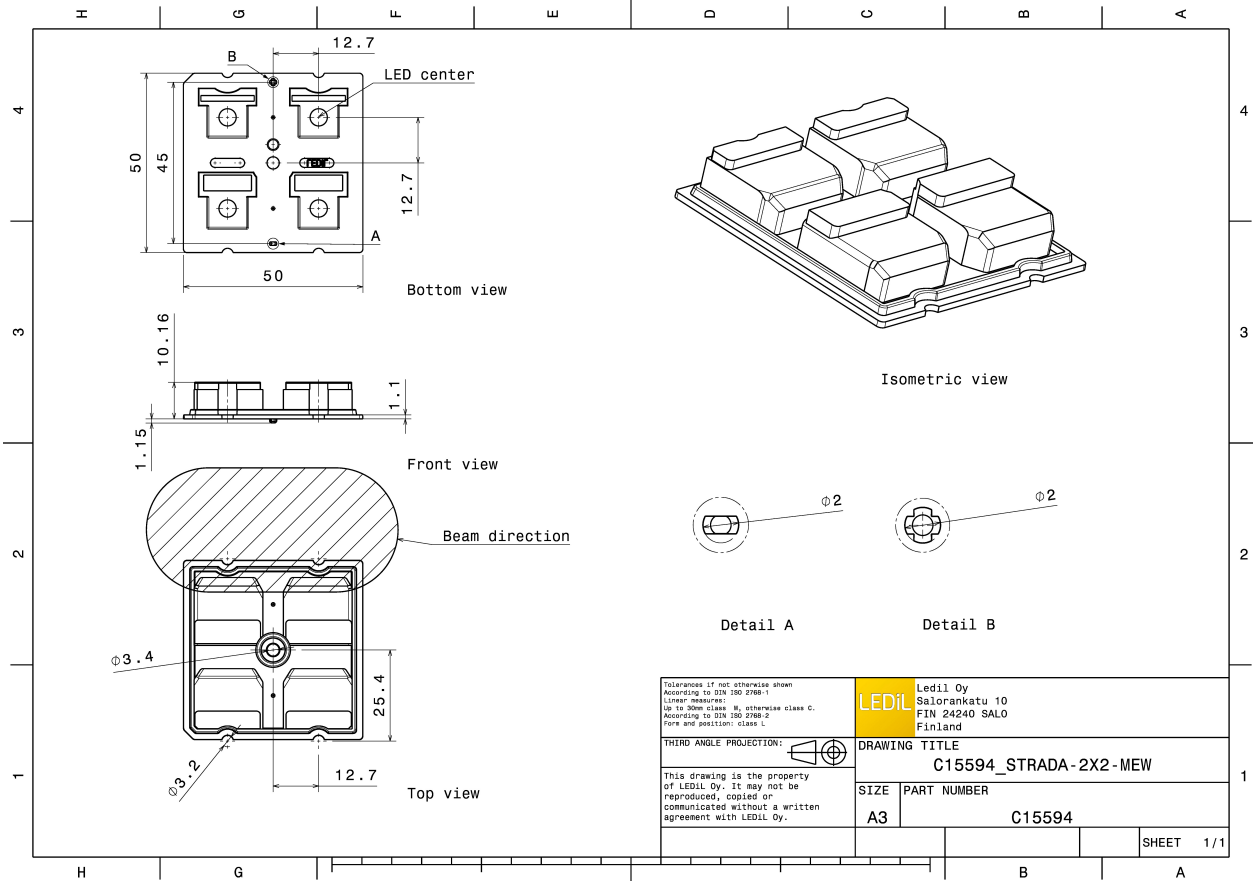
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

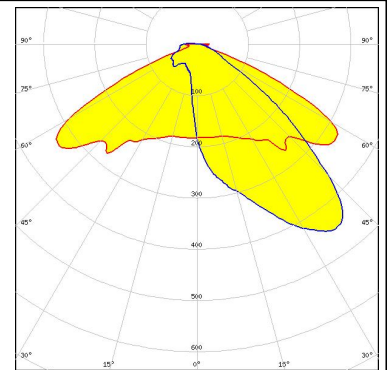
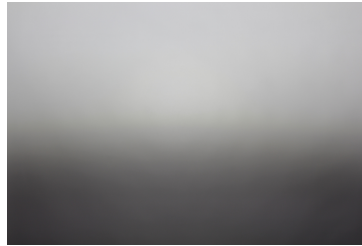
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15594_STRADA-2X2-MEW » Box size: 480 x 280 x 300 mm	800	160	160	9.6



PHOTOMETRIC DATA (MEASURED):

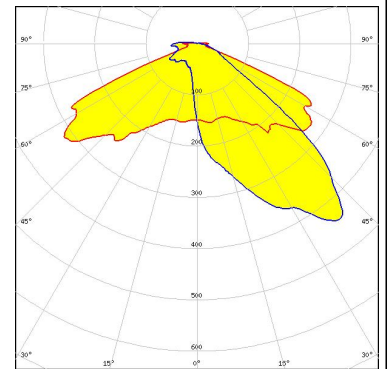
CREE 

LED XD16
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



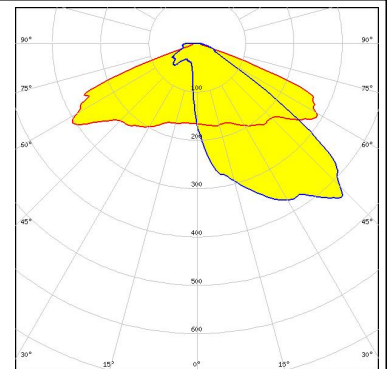
CREE 

LED XD16
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



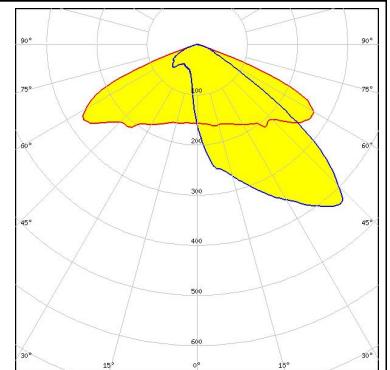
CREE 

LED XP-G2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE 

LED XP-G3
 FWHM Asymmetric
 Efficiency 86 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

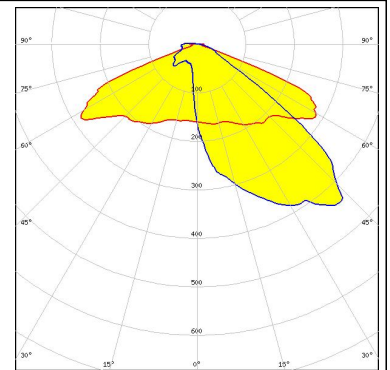


Transparent protective cover

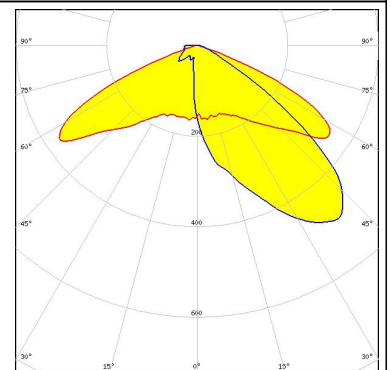
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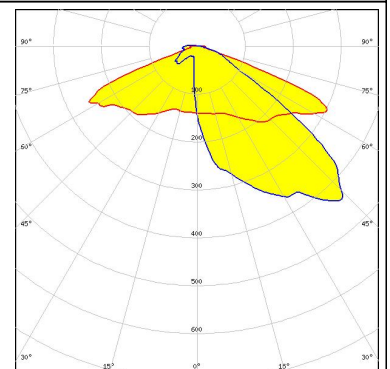
LED XP-L HI
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



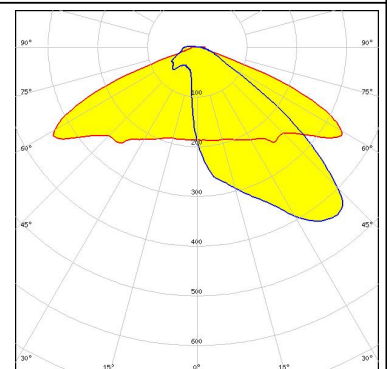
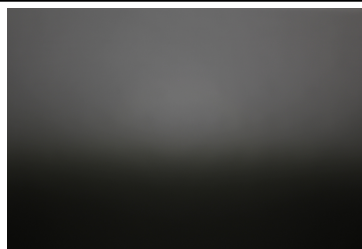
LED LUXEON 5050 Round LES
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON TX
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



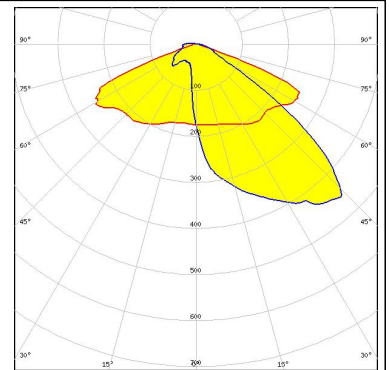
LED LUXEON V
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



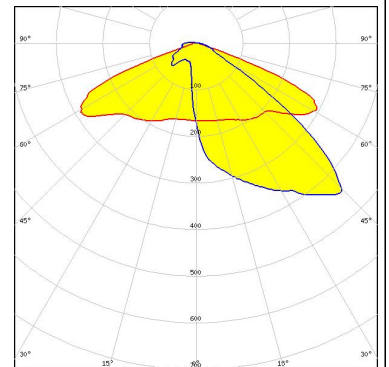
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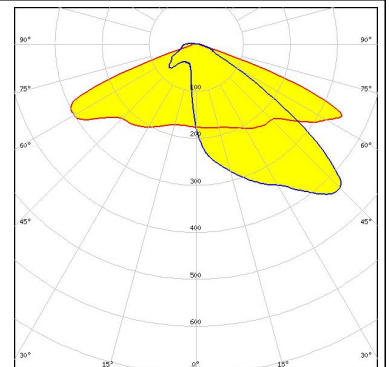
LED NVSW219D
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW319B
FWHM Asymmetric
Efficiency 96 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED PrevaLED Brick HP 2x8
FWHM Asymmetric
Efficiency 87 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

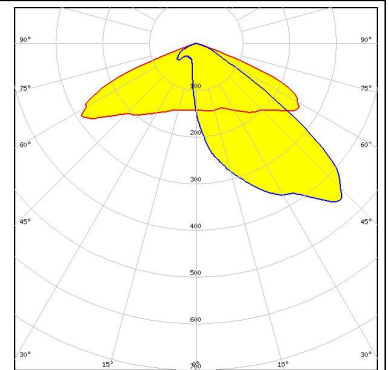
PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM Asymmetric
Efficiency 87 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

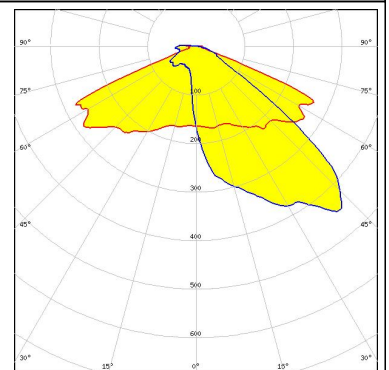
Transparent protective cover



OSRAM

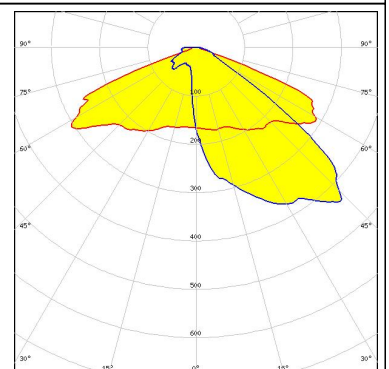
Opto Semiconductors

LED OSLON Square PC
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



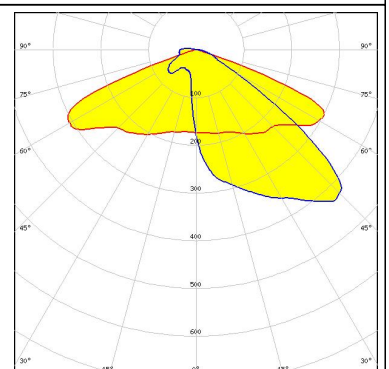
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

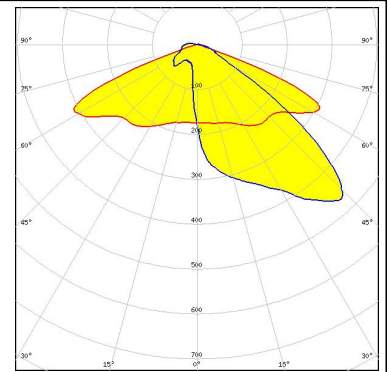
LED Fortimo FastFlex LED 2x8 DA G4+
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

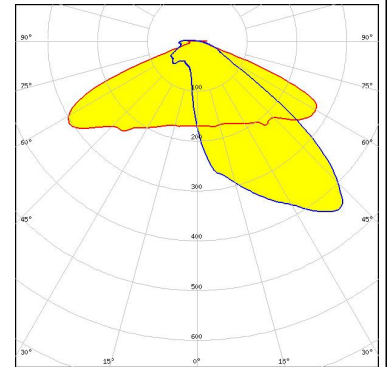
SAMSUNG

LED HiLOM RH16 (LH351C)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



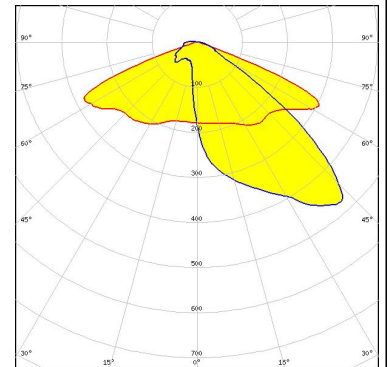
SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM Asymmetric
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



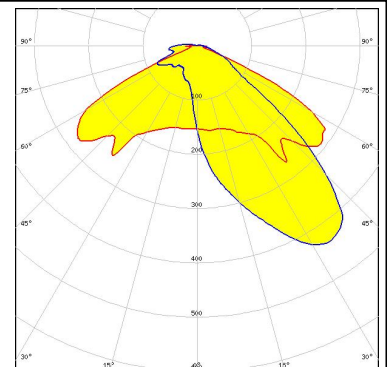
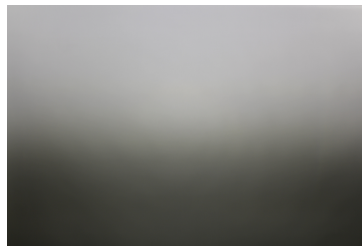
SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM Asymmetric
 Efficiency 97 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



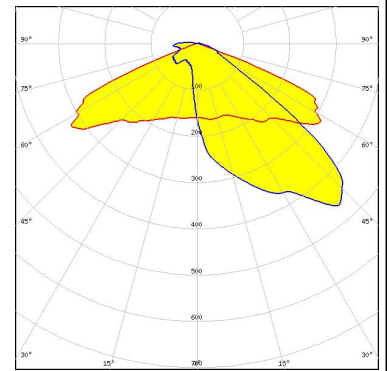
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE

LED XHP35 HD
FWHM Asymmetric
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

CREE

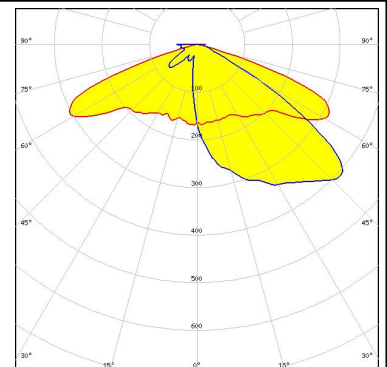
LED XHP35 HI
FWHM Asymmetric
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XM-L2
FWHM Asymmetric
Efficiency 0 %
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-G2 HE
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



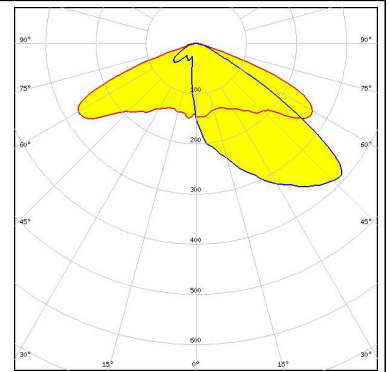
PHOTOMETRIC DATA (SIMULATED):



LED XP-G3
 FWHM Asymmetric
 Efficiency 81 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White

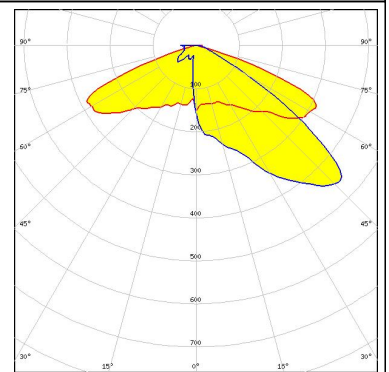
Required components:

Transparent protective cover



LED XP-L HD
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:



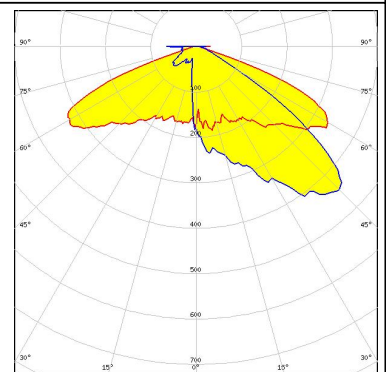
LED XP-L HI
 FWHM Asymmetric
 Efficiency %
 LEDs/each optic 1
 Light colour White

Required components:



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

Required components:



PHOTOMETRIC DATA (SIMULATED):

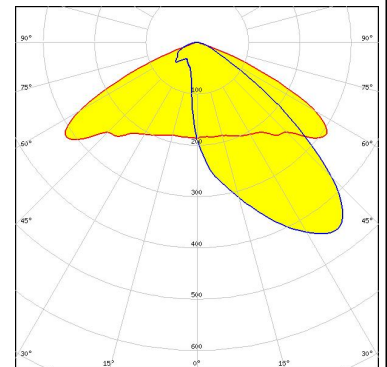


LED XT-E
 FWHM Asymmetric
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 5050 Round LES
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

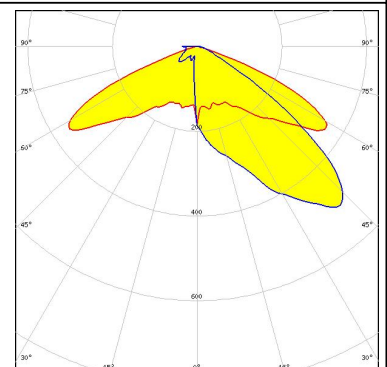
Transparent protective cover



LED NCSxx19B
 FWHM Asymmetric
 Efficiency 0 %
 LEDs/each optic 1
 Light colour White
 Required components:



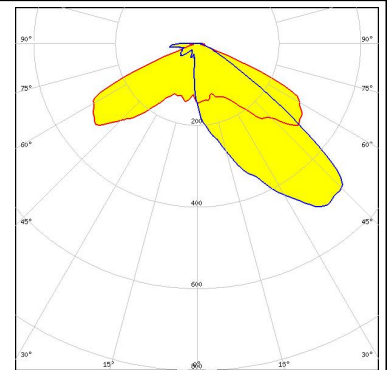
LED NV4WB35AM
 FWHM Asymmetric
 Efficiency 95 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



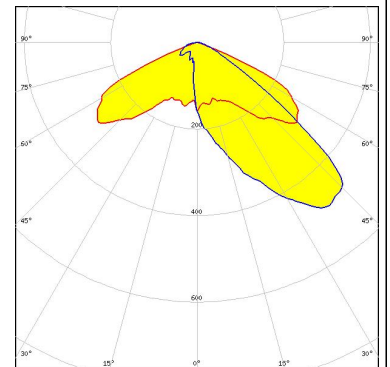
PHOTOMETRIC DATA (SIMULATED):



LED NVSxE21A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



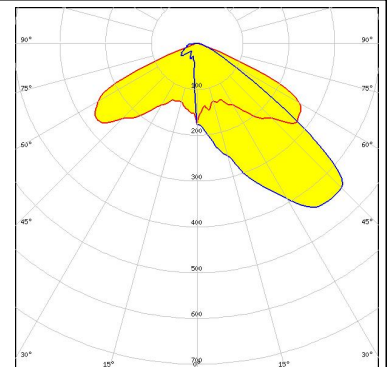
LED NVSxE21A
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Transparent protective cover



LED NVSxE21A
FWHM Asymmetric
Efficiency 82 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

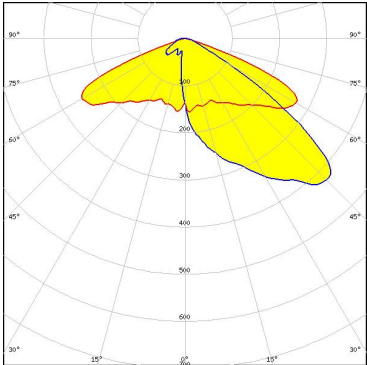
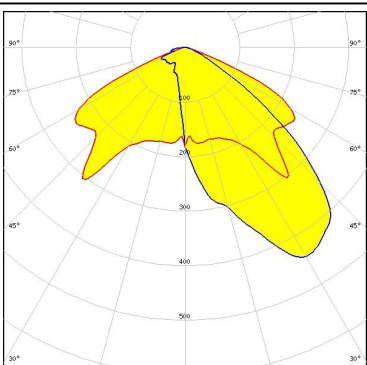
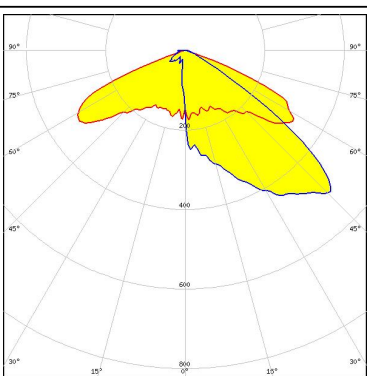


Transparent protective cover



LED NVSxx19B/NVSxx19C
FWHM Asymmetric
Efficiency 0 %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM: Asymmetric Efficiency: 83 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Transparent protective cover</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S8 FWHM: Asymmetric Efficiency: 84 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Transparent protective cover</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S8 FWHM: Asymmetric Efficiency: % LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3737 (2W version) FWHM: Asymmetric Efficiency: 94 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

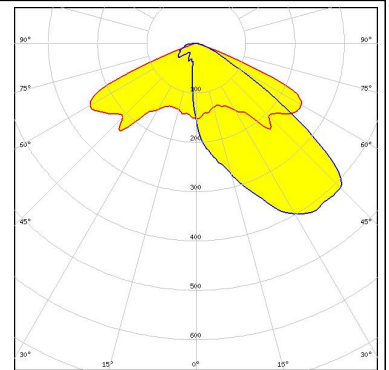
PHOTOMETRIC DATA (SIMULATED):

OSRAM

OSRAM
Opto Semiconductors

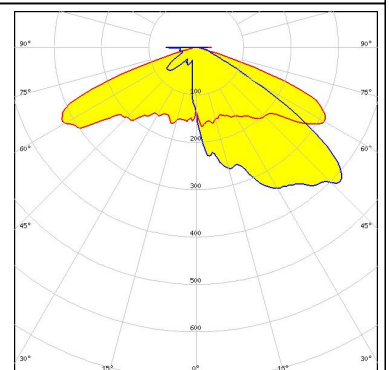
LED OSLON Square CSSRM2/CSSRM3
FWHM Asymmetric
Efficiency 83 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



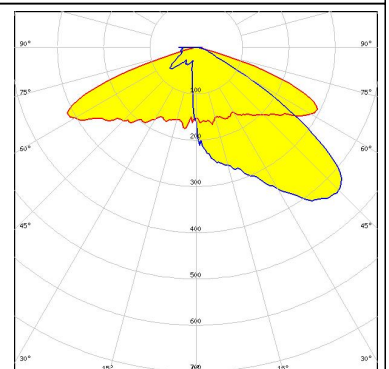
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

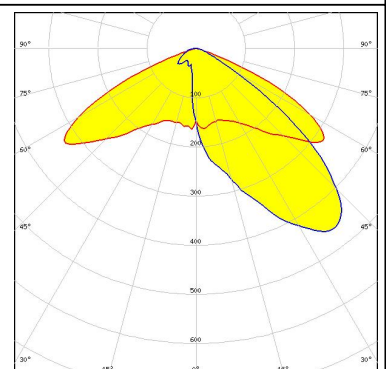
LED LH351D
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH508A
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover

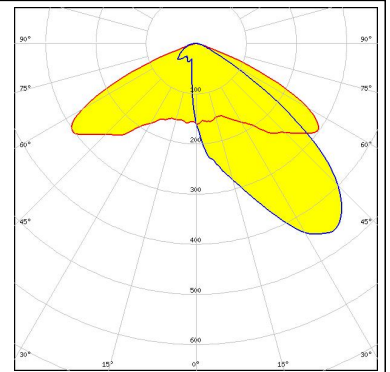


PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

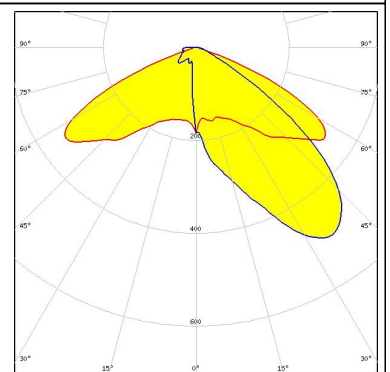
LED LH508B
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



SAMSUNG

LED LH508B
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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LEDiL Oy

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USA

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Hong Kong, China

Distribution Partners

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