

STRADA-2X2-NHS

Narrow beam with minimal house side backlight

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	10.1 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

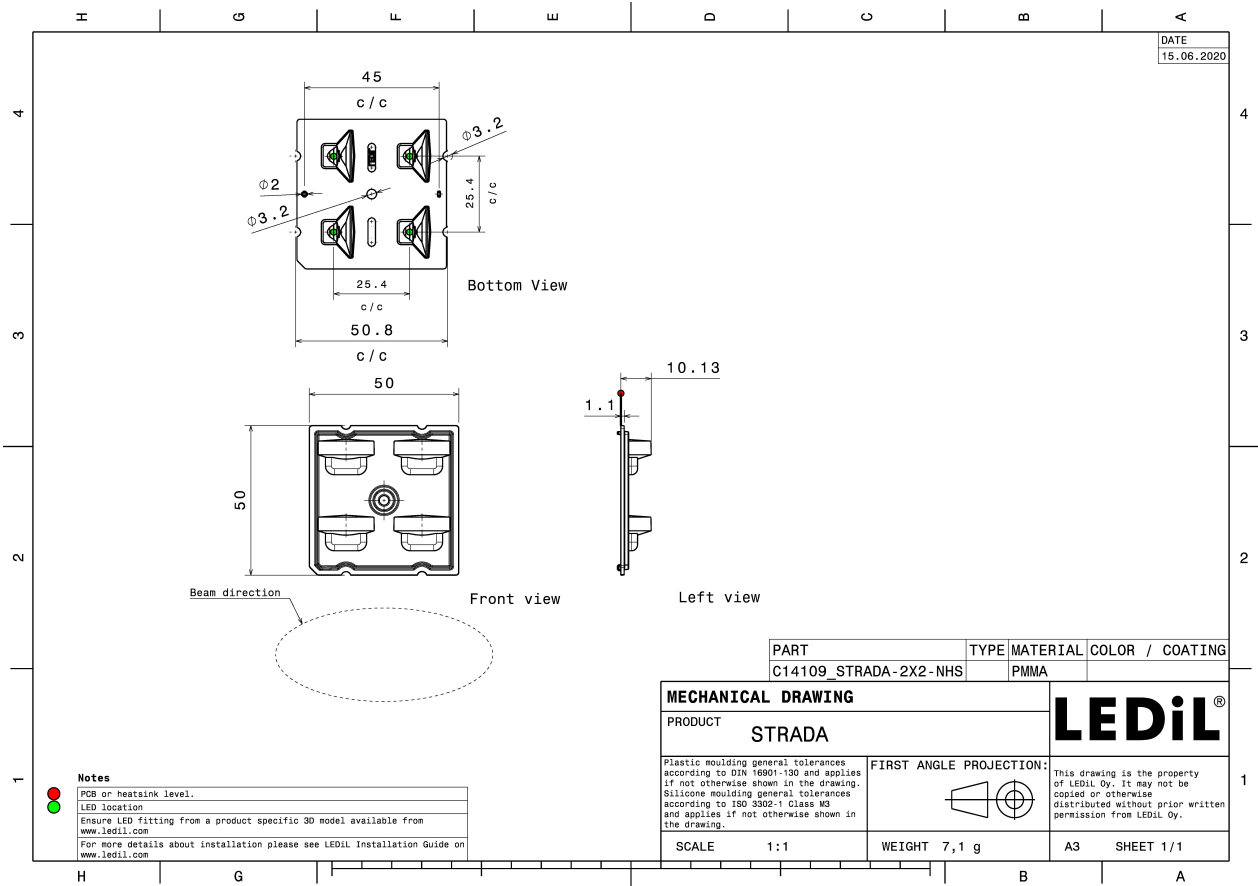
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14109_STRADA-2X2-NHS » Box size: 480 x 280 x 300 mm	800	160	160	6.5



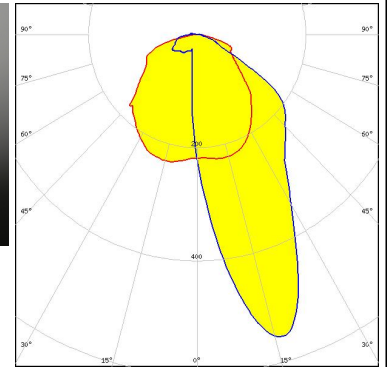
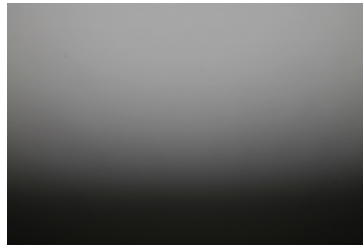


See also our general installation guide: www.ledil.com/installation_guide

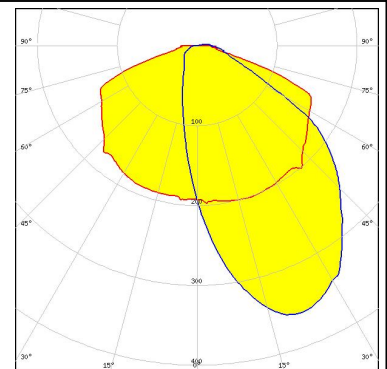
OPTICAL RESULTS (MEASURED):



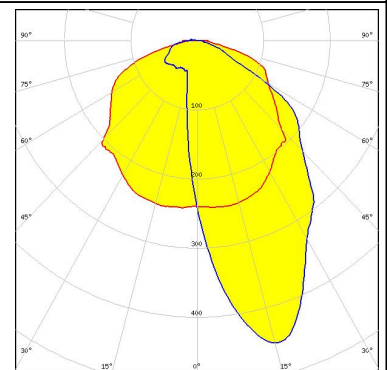
LED XP-G2
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



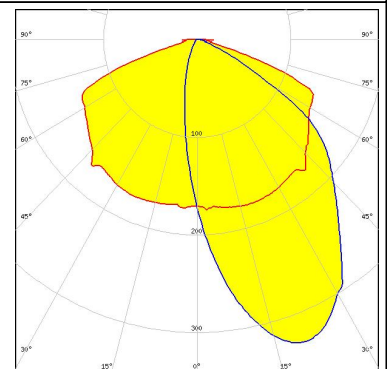
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17580_STRADA-2X2-SHD-WHT



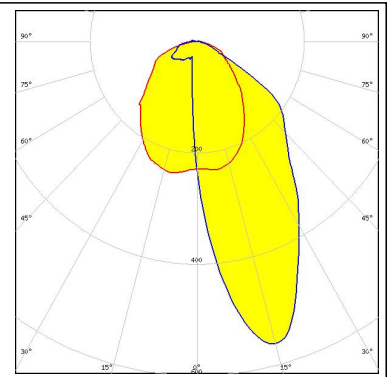
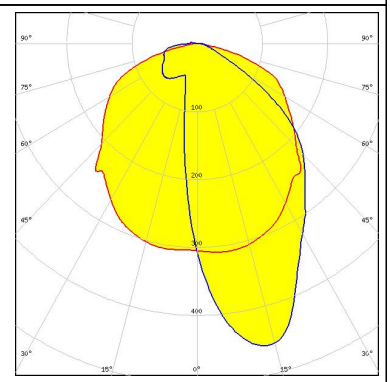
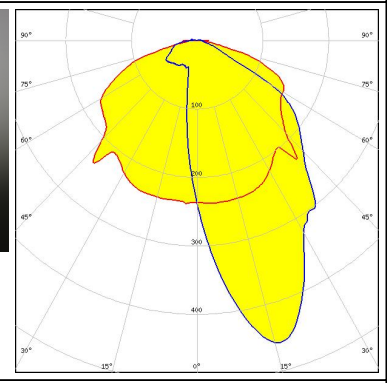
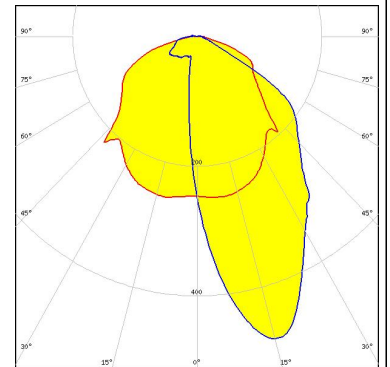
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17677_STRADA-2X2-SHD-BLK



OPTICAL RESULTS (MEASURED):

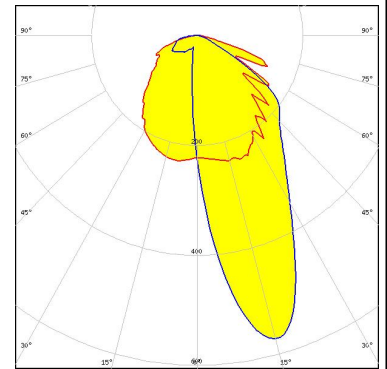
<p>LUMILEDS</p> <p>LED LUXEON TX FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>MST <i>Your solutions</i></p> <p>LED RecLED 122x50mm 1900lm 730 2x4 Opt G1 FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSW3x9A FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (MEASURED):

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:

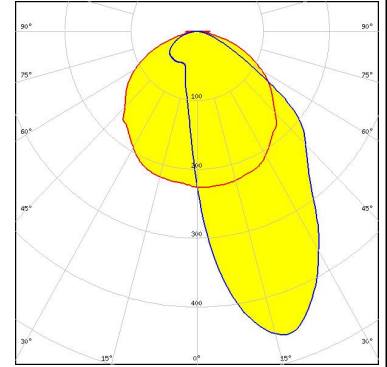


OSRAM

Opto Semiconductors

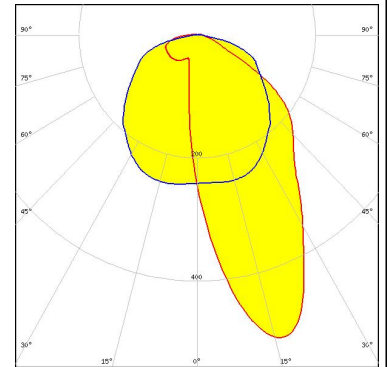
LED OSLON Square PC
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



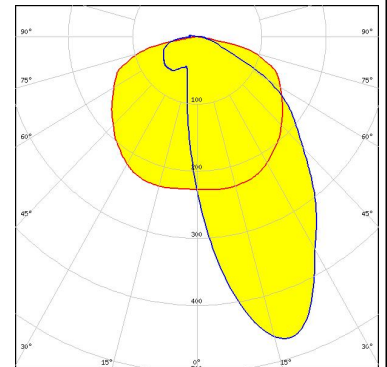
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

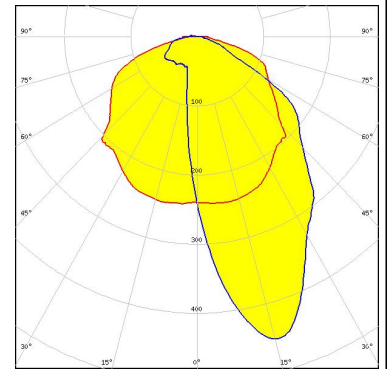
LED Fortimo FastFlex LED 2x8 DA G4+
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

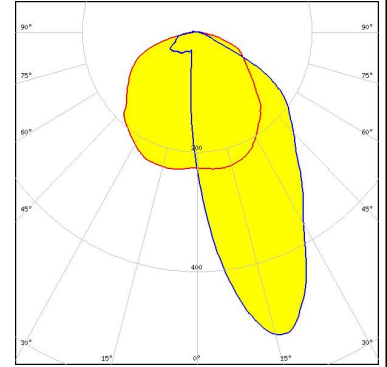
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



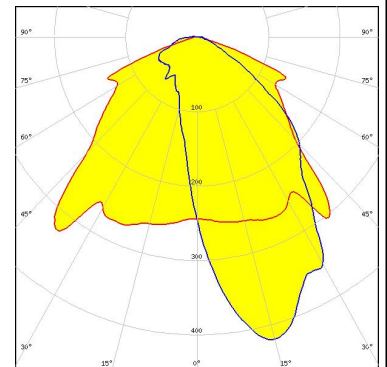
SAMSUNG

LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



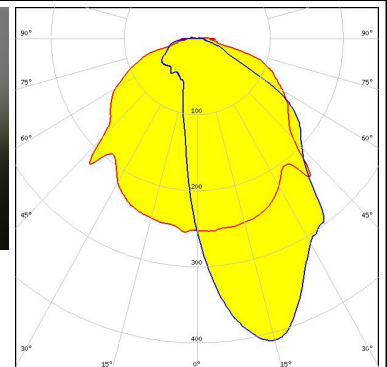
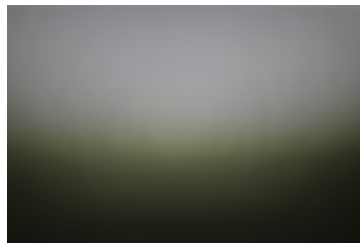
SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

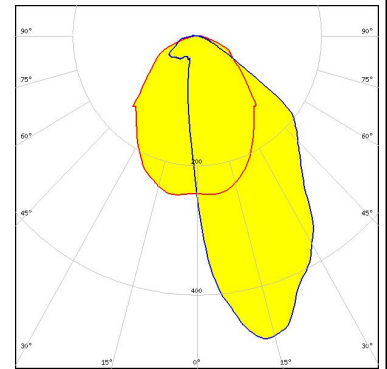


OPTICAL RESULTS (MEASURED):

TOSHIBA

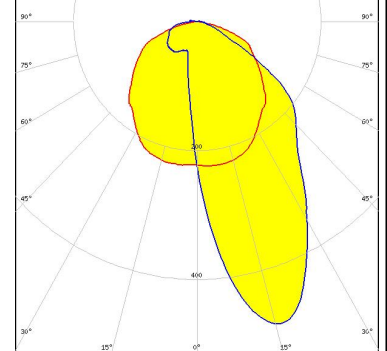
Leading Innovation >>>

LED TL1L4
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



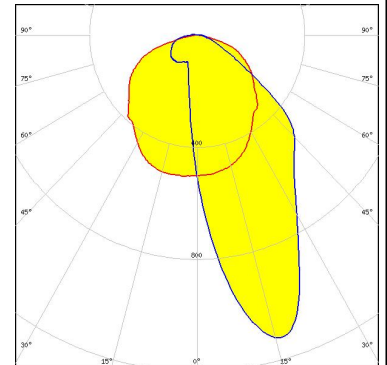
TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



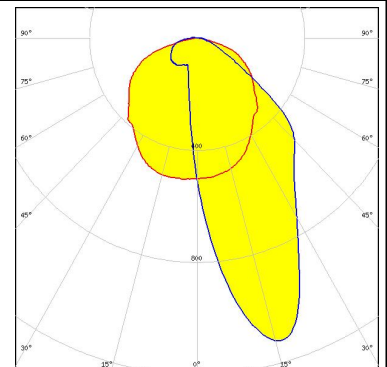
TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

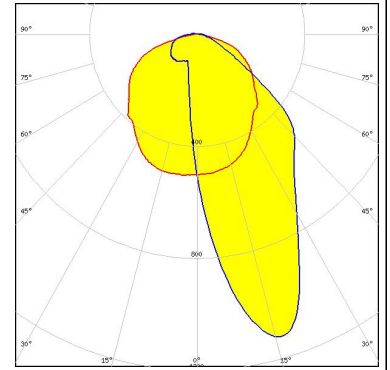
LED RLE G1 49x133mm 2000lm xxx EXC OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

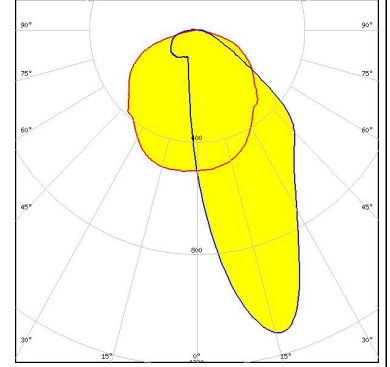
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

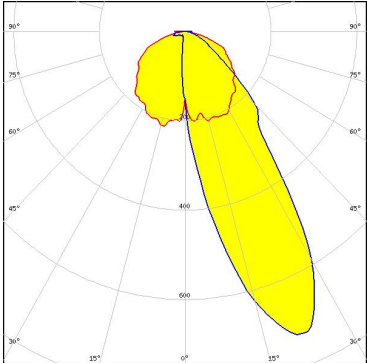
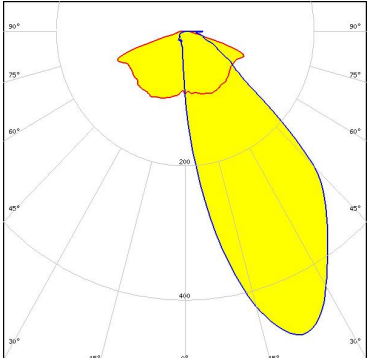
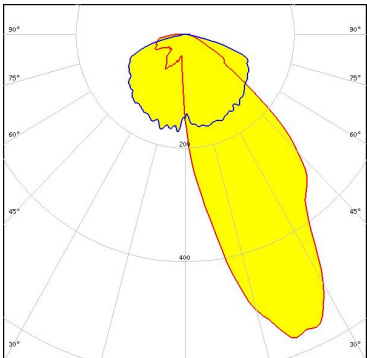
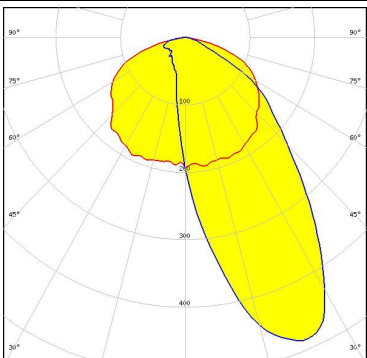


TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

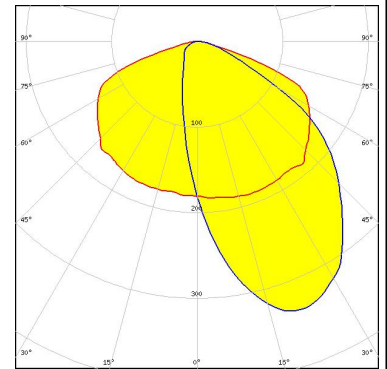
<p>CREE LEDs</p> <p>LED XB-H FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XP-G2 FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components: C17580_STRADA-2X2-SHD-WHT</p>	
<p>CREE LEDs</p> <p>LED XP-G2 HE FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE LEDs</p> <p>LED XP-G3 FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Protective plate, glass</p>	

OPTICAL RESULTS (SIMULATED):



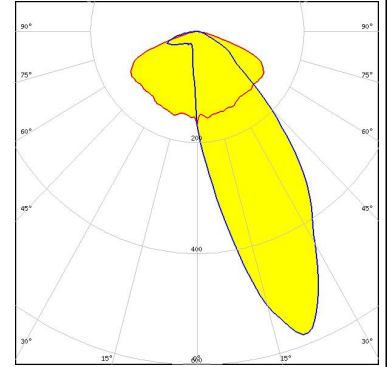
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17580_STRADA-2X2-SHD-WHT

Protective plate, glass

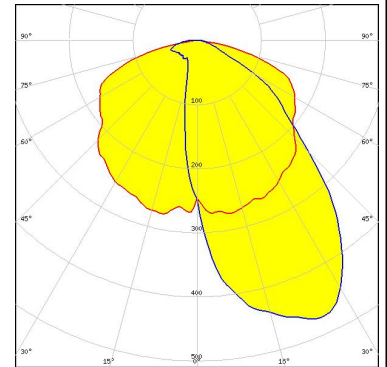


LED NFSx757G
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

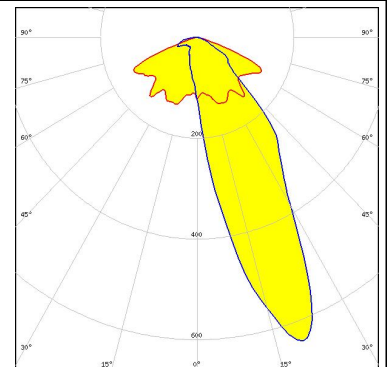


LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

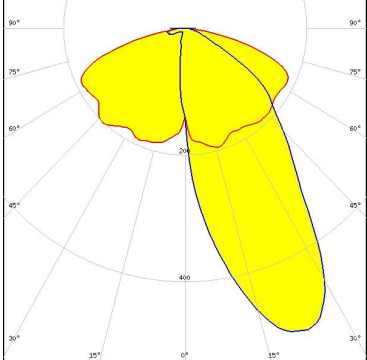
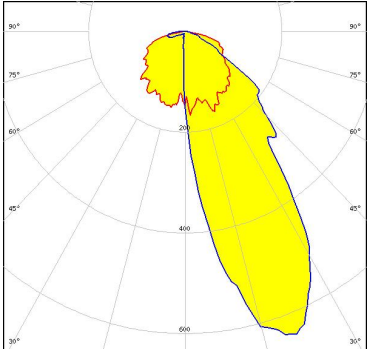
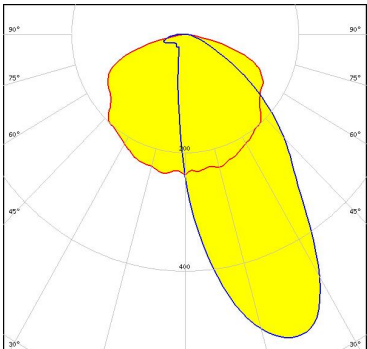
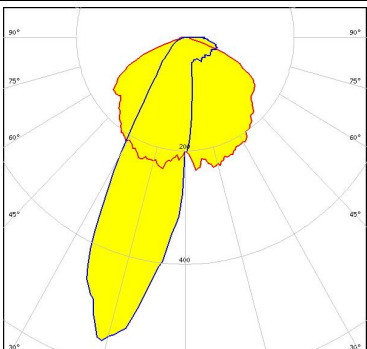


LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxx19A FWHM / FWTM: Asymmetric Efficiency: 90 % LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM</p> <p>LED: PrevaLED Brick HP 2x8 FWHM / FWTM: Asymmetric Efficiency: 92 % LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 Flat FWHM / FWTM: Asymmetric Efficiency: 95 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: Asymmetric Efficiency: 60 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components: C17580_STRADA-2X2-SHD-WHT</p>	

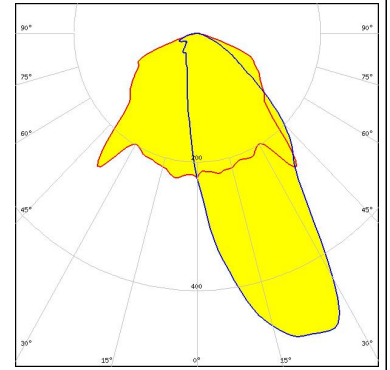
OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

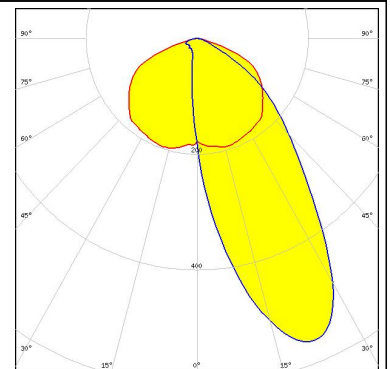
Protective plate, glass



SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

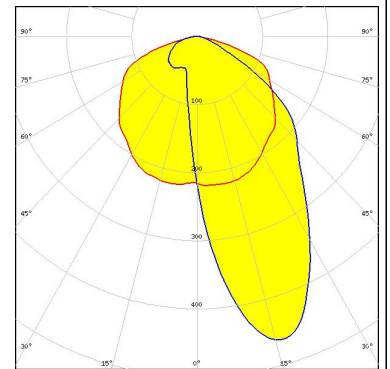
Protective plate, glass



TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
FWHM / FWTM Asymmetric
Efficiency 84 %
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.

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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