

STRADA-2X2-FN

Narrow forward throw beam for area lighting.
Excellent for lighting stadiums and airports from high masts.

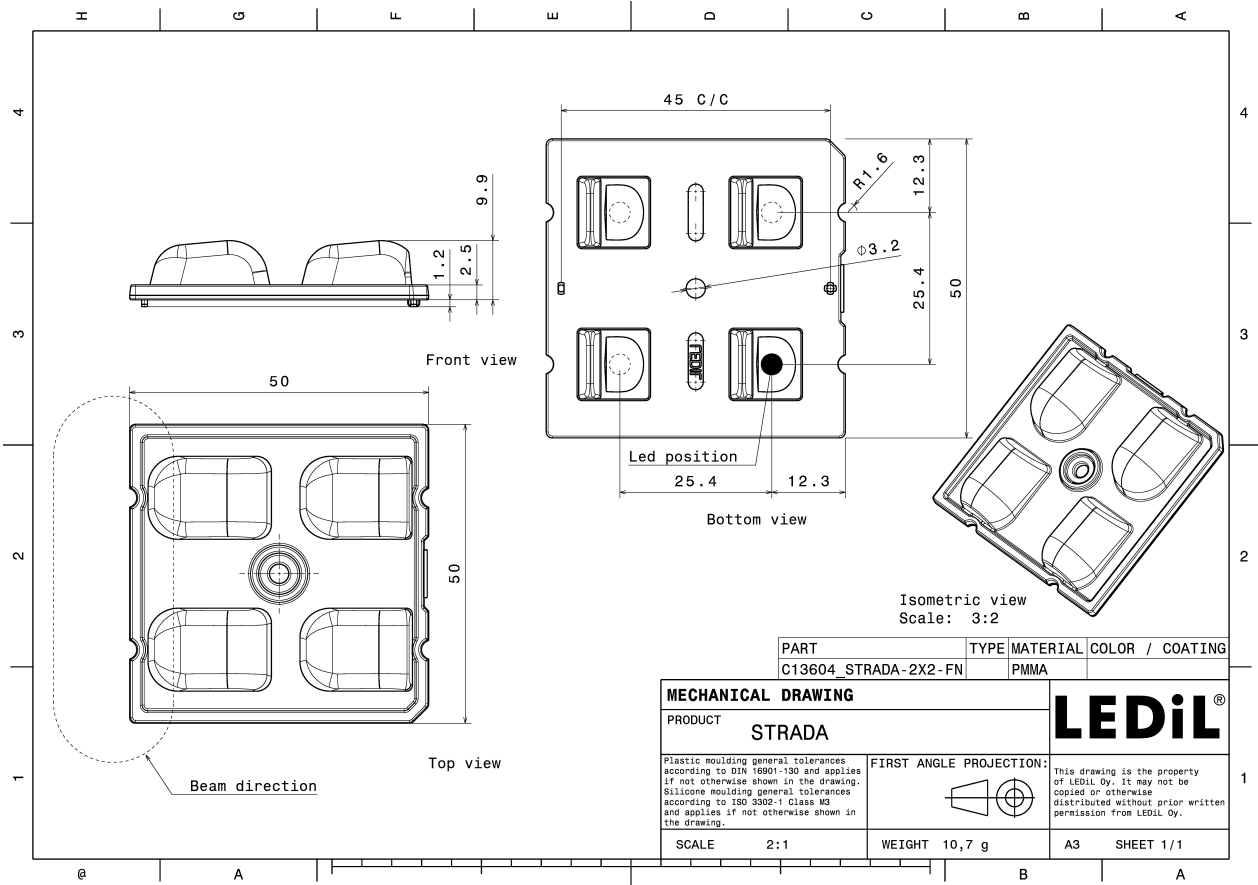
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.8 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

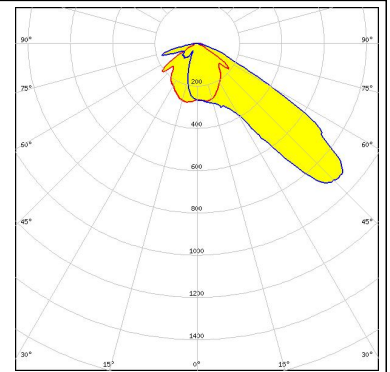
Component	Type	Material	Colour
STRADA-2X2-FN	Multi-lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

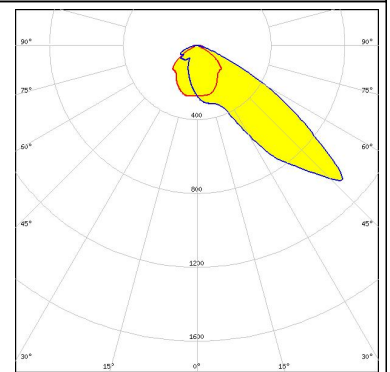
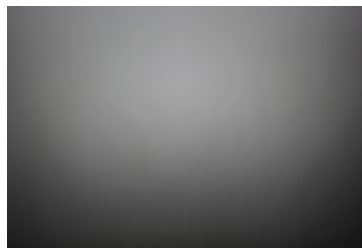
CREE

LED XD16
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



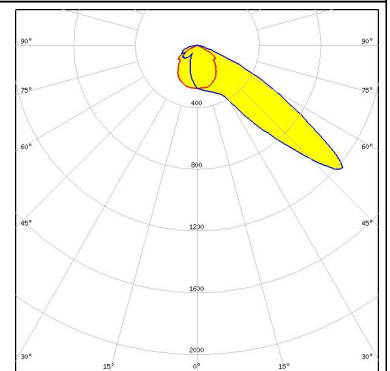
CREE

LED XD16
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



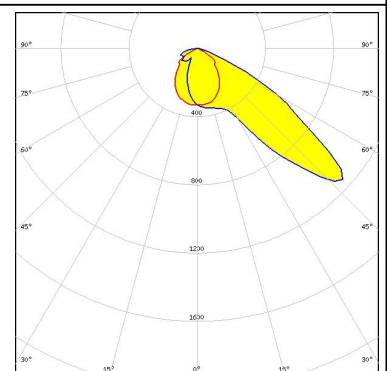
CREE

LED XM-L
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

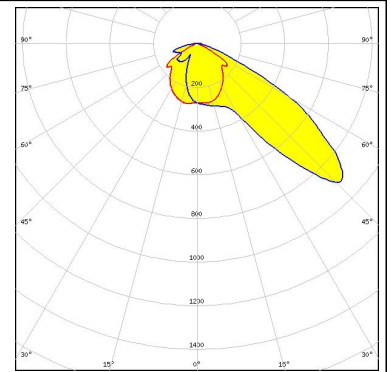
LED XM-L2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



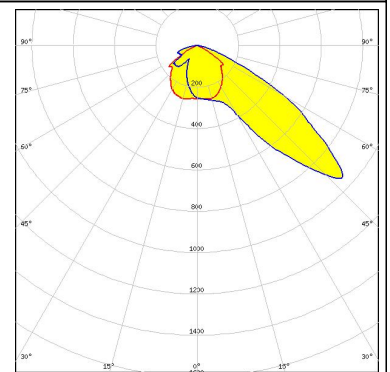
PHOTOMETRIC DATA (MEASURED):



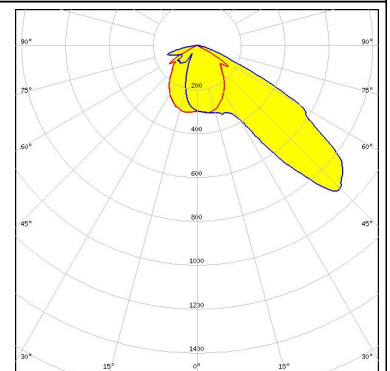
LED XP-G3
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



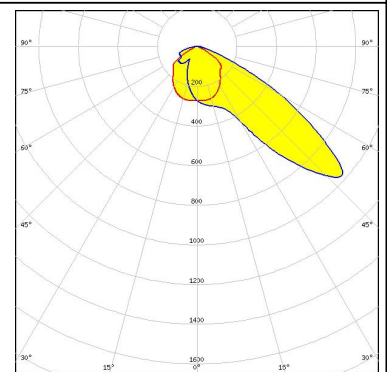
LED XP-L HD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.960 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-L HI
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-L2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.980 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



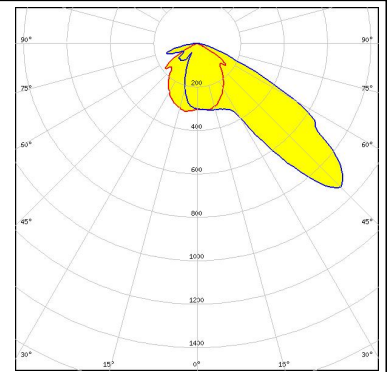
PHOTOMETRIC DATA (MEASURED):

<p>LG Innotek</p> <p>LED H35C1 (LEMWA33)</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.100 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON 5050</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.100 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON MZ</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.200 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON Q</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.000 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (MEASURED):

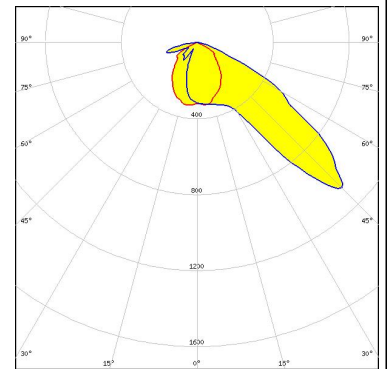
LUMILEDS

LED LUXEON T
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.060 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



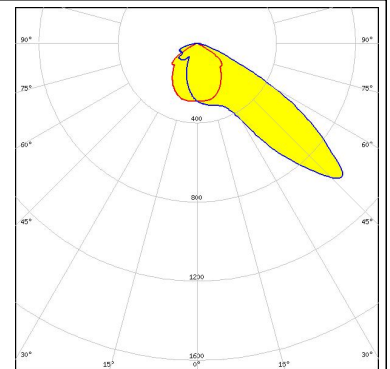
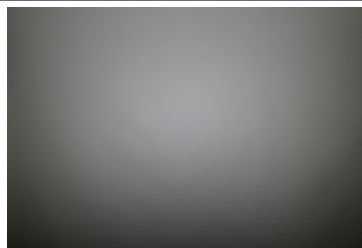
LUMILEDS

LED LUXEON TX
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



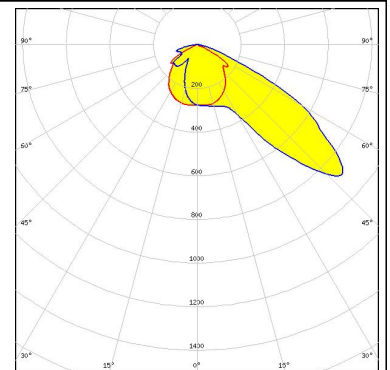
LUMILEDS

LED LUXEON V
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


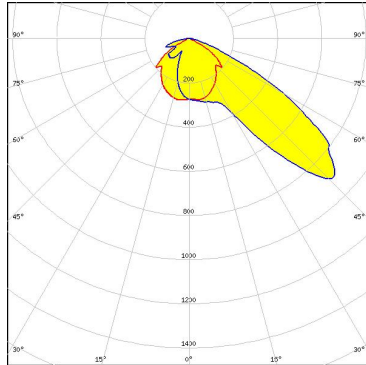
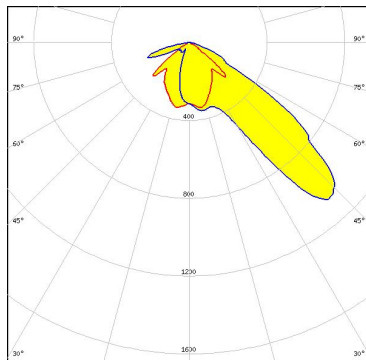
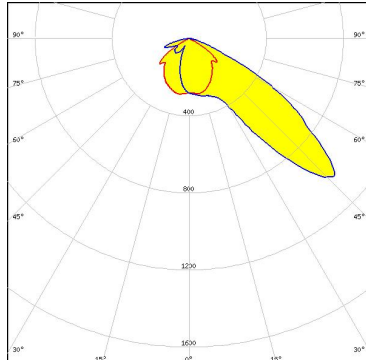


NICHIA

LED NVSW319B
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

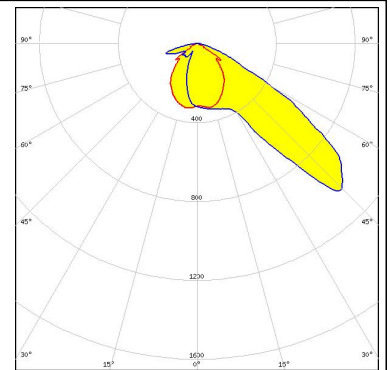
<p>NICHIA</p> <p>LED NVSW3x9A FWHM Asymmetric Efficiency 94 % Peak intensity 1.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxE21A FWHM Asymmetric Efficiency 94 % Peak intensity 1.500 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM Asymmetric Efficiency 94 % Peak intensity 1.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S8 FWHM Asymmetric Efficiency % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

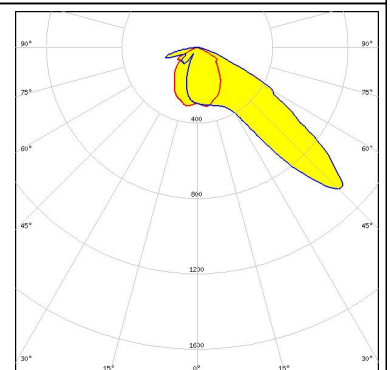
Opto Semiconductors

LED OSLON Square PC
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



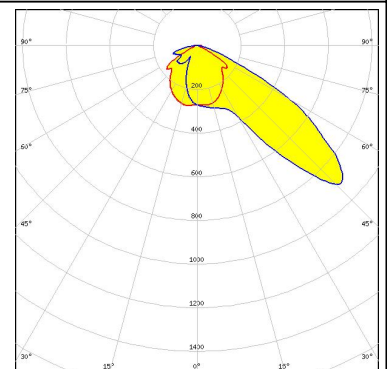
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



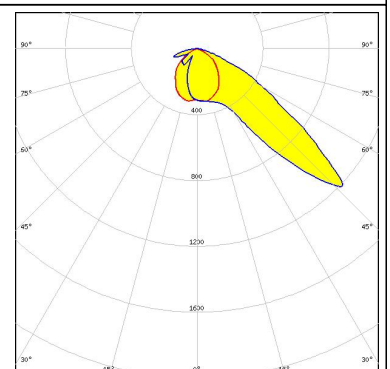
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

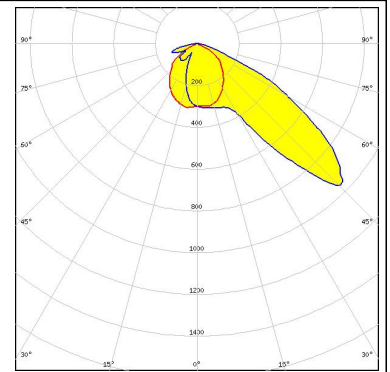
LED HiLOM RH16 (LH351C)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

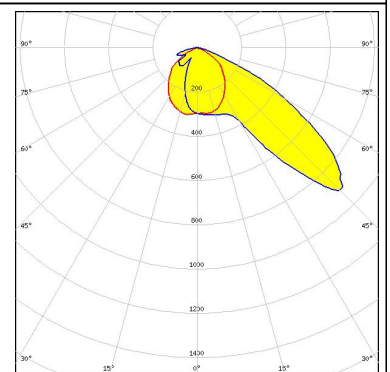
SAMSUNG

LED LH351B
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.080 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



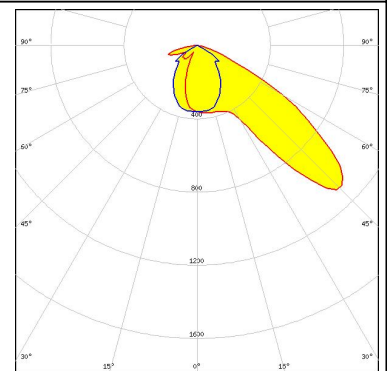
SAMSUNG

LED LH351B
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.030 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Undefined Manufacturer: Protective Plate, Glass



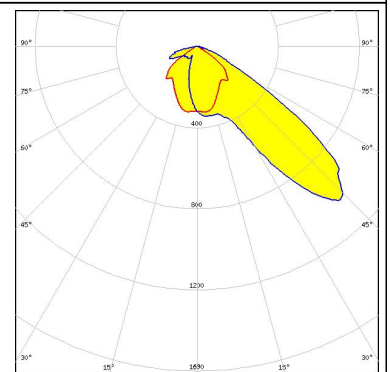
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


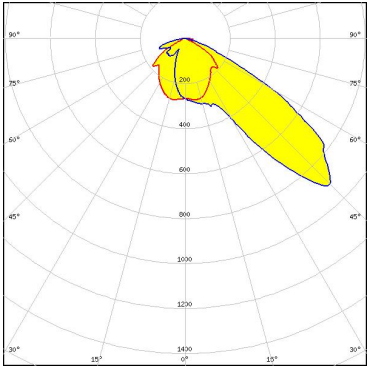
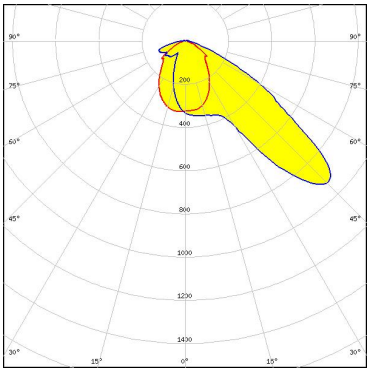
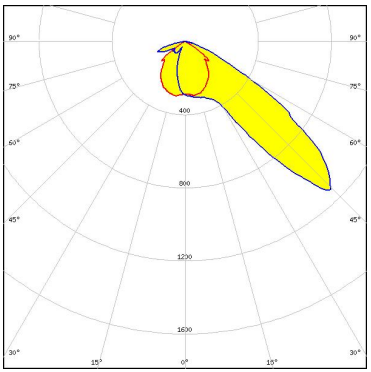


SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



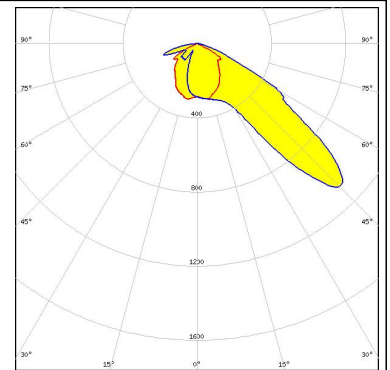
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM Asymmetric Efficiency 94 % Peak intensity 1.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>TOSHIBA Leading Innovation >>></p> <p>LED TL1L3 FWHM Asymmetric Efficiency 94 % Peak intensity 0.940 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>TOSHIBA Leading Innovation >>></p> <p>LED TL1L4 FWHM Asymmetric Efficiency 91 % Peak intensity 1.200 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>TRIDONIC</p> <p>LED RLE 2x4 2000lm HP EXC2 OTD FWHM Asymmetric Efficiency 94 % Peak intensity 1.200 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (MEASURED):

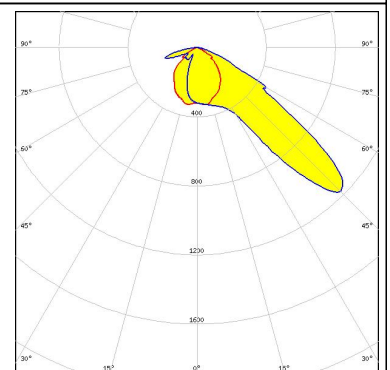
TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



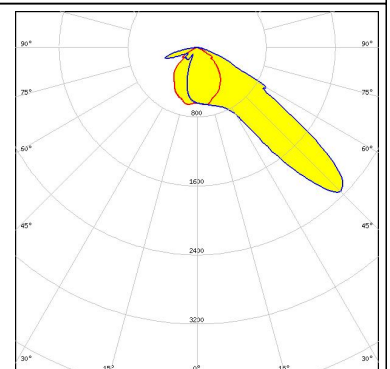
TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



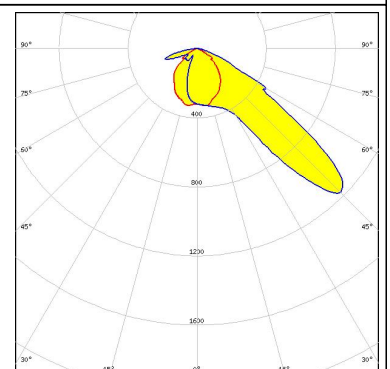
TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

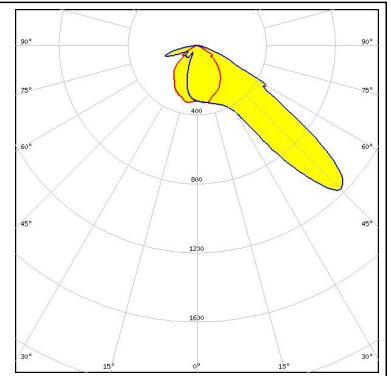
LED RLE G1 49x223mm 4000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

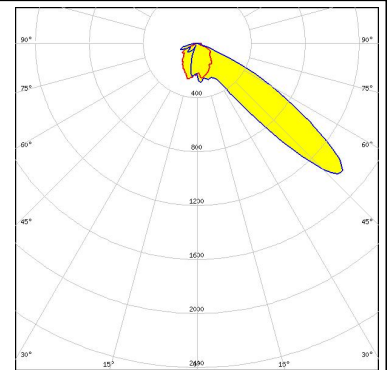
LED RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



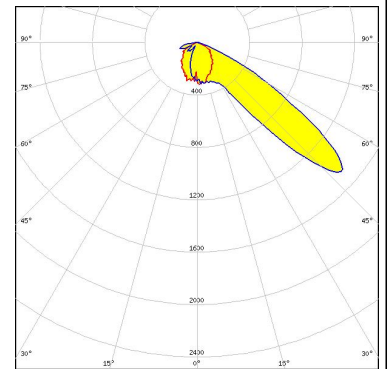
PHOTOMETRIC DATA (SIMULATED):



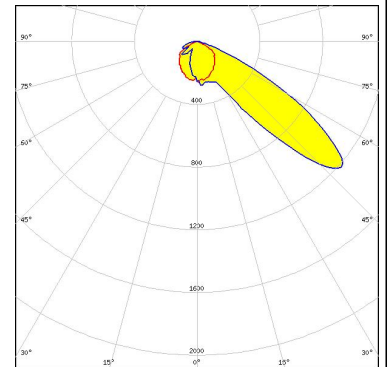
LED XT-E
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



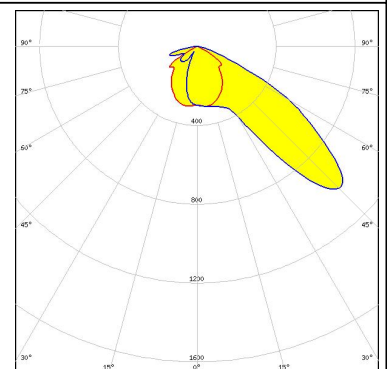
LED LUXEON V2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.480 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NWSx229A
FWHM Asymmetric
Efficiency 93 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED PrevaLED Brick HP 2x8
FWHM Asymmetric
Efficiency 91 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



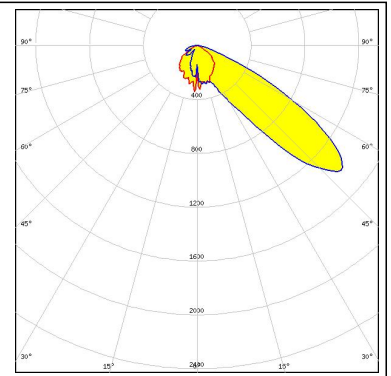
PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S10 FWHM Asymmetric Efficiency 94 % Peak intensity 1.200 cd/lm 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 1.600 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (3W version) FWHM Asymmetric Efficiency 94 % Peak intensity 1.370 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM Asymmetric Efficiency 91 % Peak intensity 1.500 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351D
FWHM Asymmetric
Efficiency 92 %
Peak intensity 1.400 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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where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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