

STRADA-2X2-ME-WIDE2

Beam with excellent longitudinal luminance uniformity for staggered pole setups fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	7 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

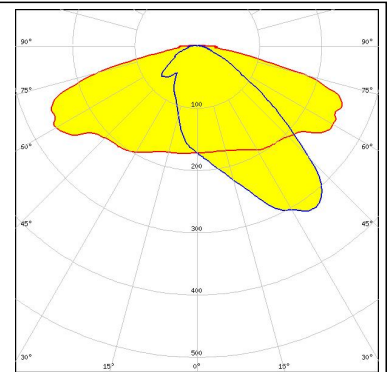
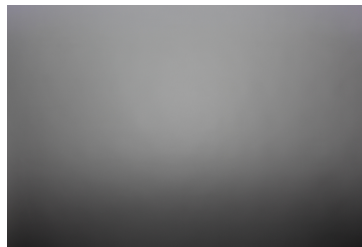
Component	Type	Material	Colour
STRADA-2X2-ME-WIDE2	Multi-lens	PMMA	clear



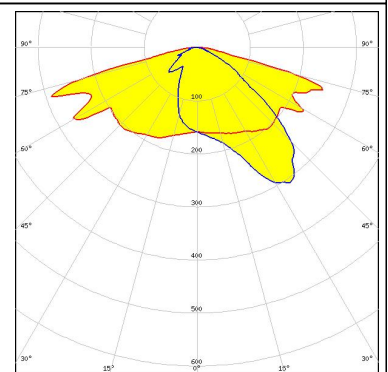
PHOTOMETRIC DATA (MEASURED):



LED XD16
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.580 cd/lm
LEDs/each optic 4
Light colour White
Required components:

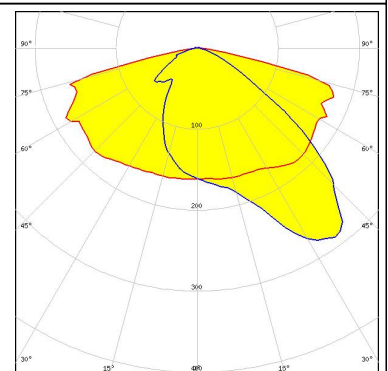


LED XD16
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



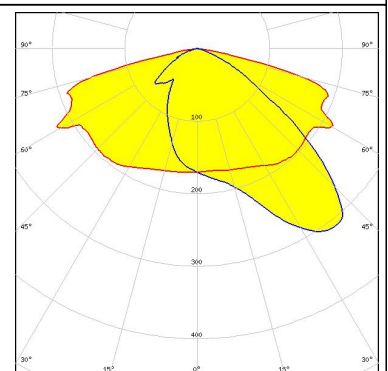
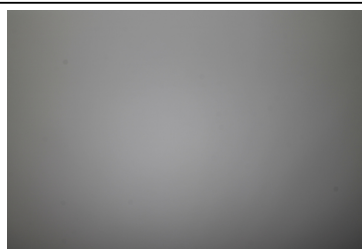
LED XP-G2
FWHM Asymmetric
Efficiency 79 %
Peak intensity 0.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



LED XP-G3
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.690 cd/lm
LEDs/each optic 1
Light colour White
Required components:

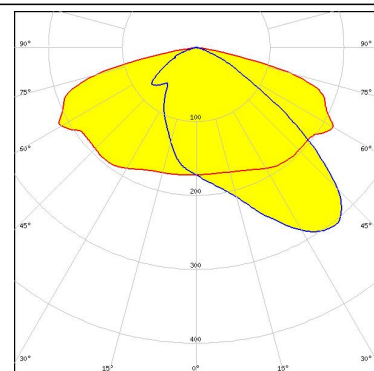
Transparent protective cover



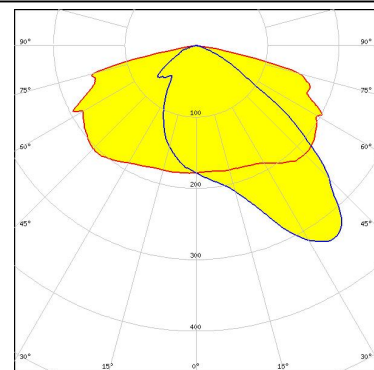
PHOTOMETRIC DATA (MEASURED):



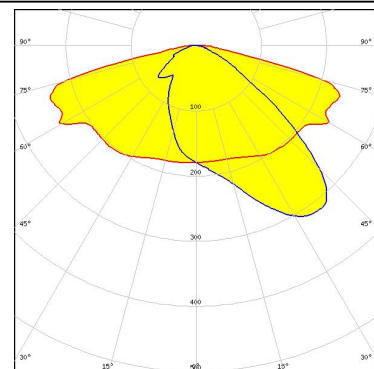
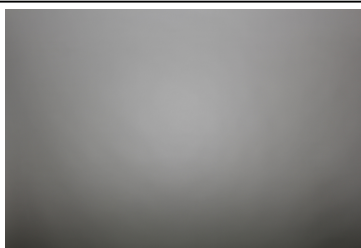
LED XP-L2
FWHM Asymmetric
Efficiency 83 %
Peak intensity 0.510 cd/lm
LEDs/each optic 1
Light colour White
Required components:



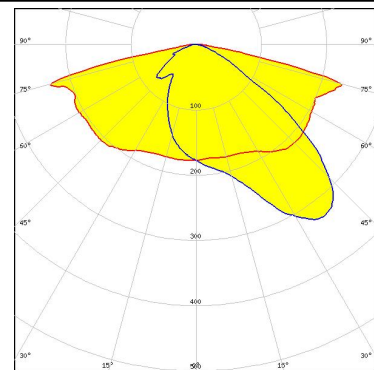
LED H35C1 (LEMWA33)
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON V
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.640 cd/lm
LEDs/each optic 1
Light colour White
Required components:



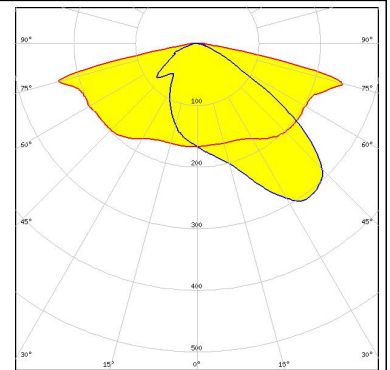
LED NVSW219F
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.920 cd/lm
LEDs/each optic 1
Light colour White
Required components:



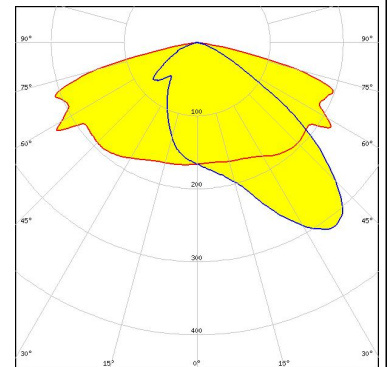
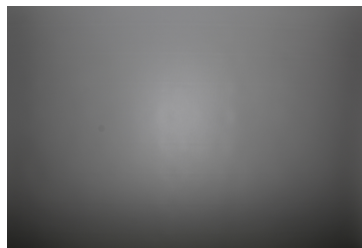
PHOTOMETRIC DATA (MEASURED):



LED NVSW319B
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



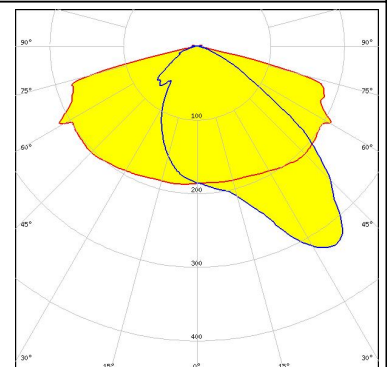
LED NVSW3x9A
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.680 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

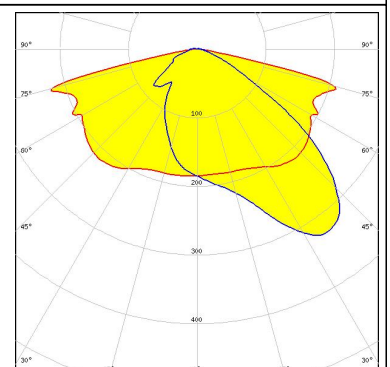
LED Fortimo FastFlex LED 2x8 DA G4
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.860 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



PHILIPS

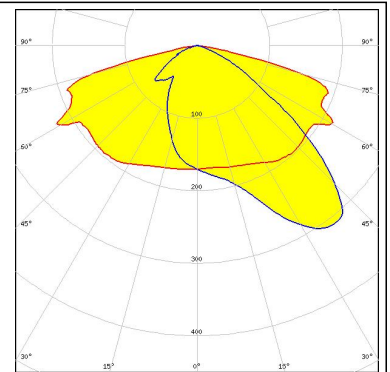
LED Fortimo FastFlex LED 2x8 DA G4+
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.836 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

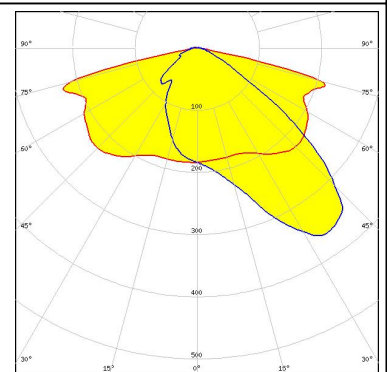
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4
 FWHM Asymmetric
 Efficiency 84 %
 Peak intensity 0.690 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



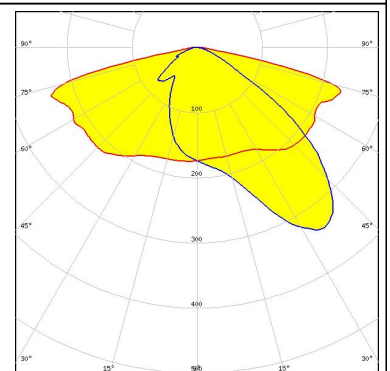
SAMSUNG

LED HiLOM RH16 (LH351C)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.830 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



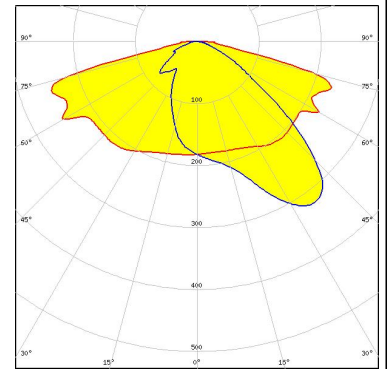
SAMSUNG

LED LH351B
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.850 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

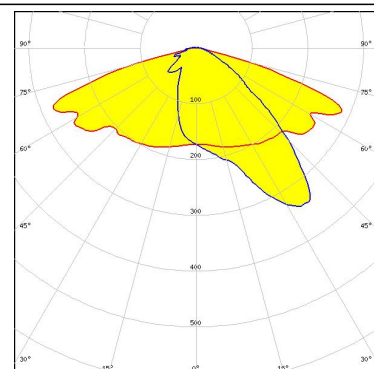
LED Z5M3
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.860 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):



LED Z8Y22
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.880 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED TL1L4
FWHM Asymmetric
Efficiency 81 %
Peak intensity 0.750 cd/lm
LEDs/each optic 1
Light colour White
Required components:

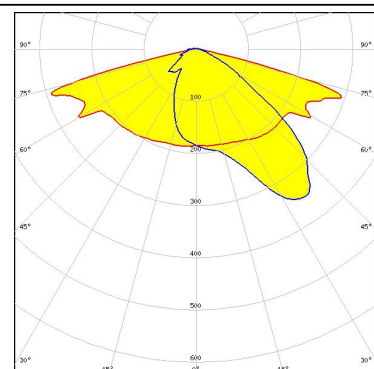
Transparent protective cover

TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

TRIDONIC

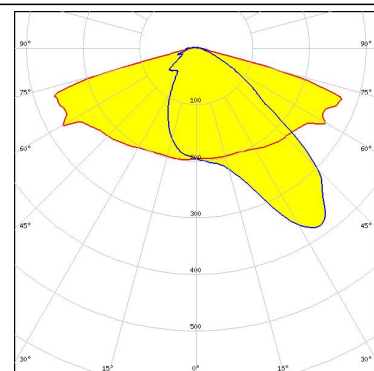
LED RLE 2x8 4000lm HP EXC2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

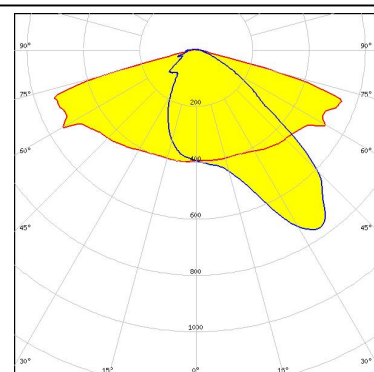
TRIDONIC

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:



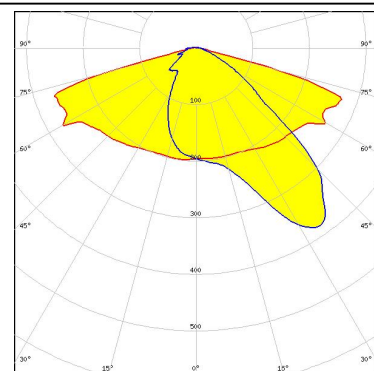
TRIDONIC

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:



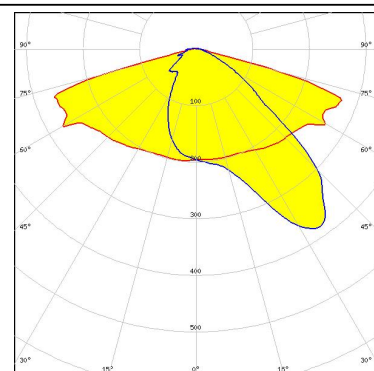
TRIDONIC

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:



TRIDONIC

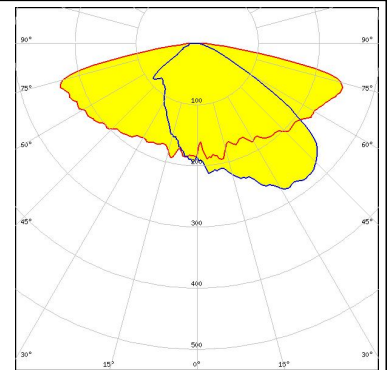
LED RLE G1 49x245mm 4000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



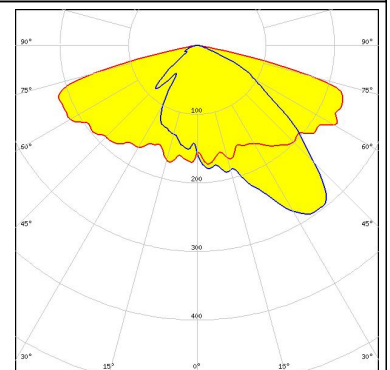
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.520 cd/lm
LEDs/each optic 1
Light colour White
Required components:



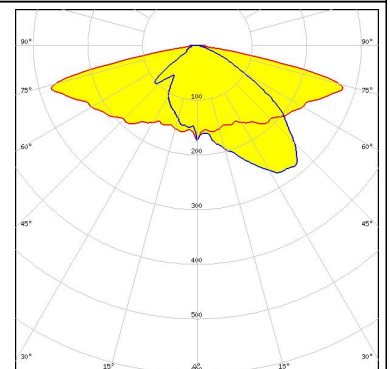
LED XP-G2
FWHM Asymmetric
Efficiency 81 %
Peak intensity 0.592 cd/lm
LEDs/each optic 1
Light colour White
Required components:



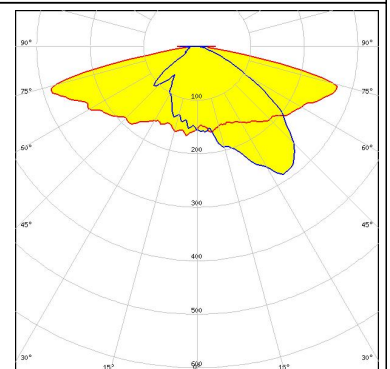
Transparent protective cover



LED XP-G2 HE
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.691 cd/lm
LEDs/each optic 1
Light colour White
Required components:



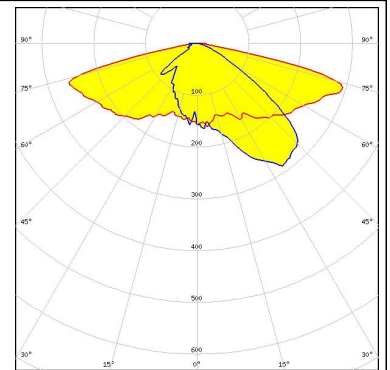
LED XP-G3
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.720 cd/lm
LEDs/each optic 1
Light colour White
Required components:



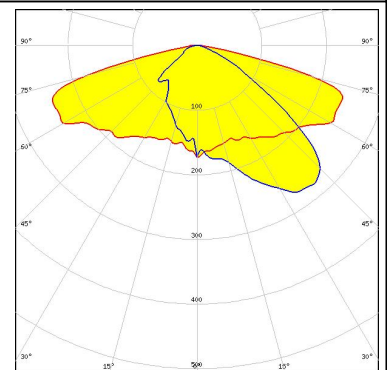
PHOTOMETRIC DATA (SIMULATED):



LED XP-L HD
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.660 cd/lm
LEDs/each optic 1
Light colour White
Required components:



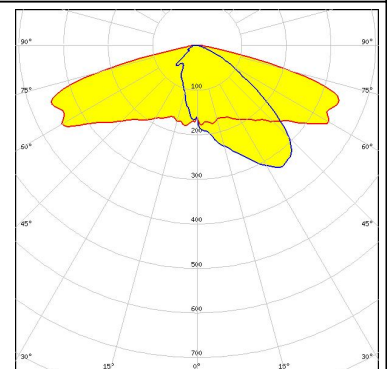
LED XP-L2
FWHM Asymmetric
Efficiency 80 %
Peak intensity 0.430 cd/lm
LEDs/each optic 1
Light colour White
Required components:



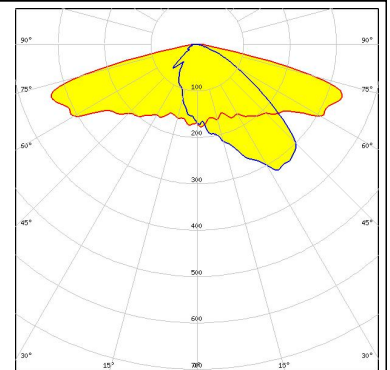
Transparent protective cover



LED LUXEON 5050 Round LES
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.560 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NV4WB35AM
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.640 cd/lm
LEDs/each optic 1
Light colour White
Required components:

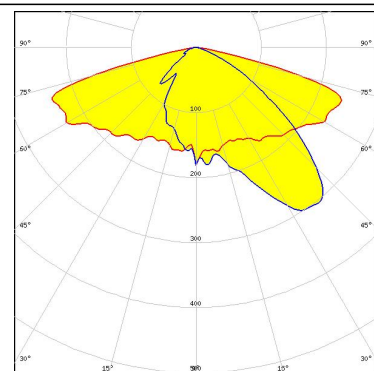


PHOTOMETRIC DATA (SIMULATED):

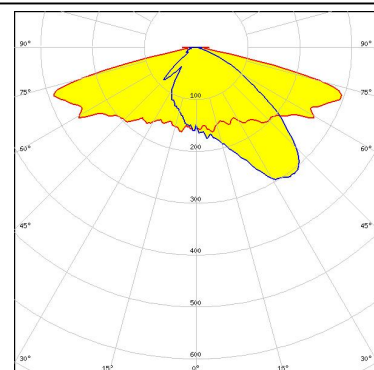


LED NVSxx19B/NVSxx19C
 FWHM Asymmetric
 Efficiency 81 %
 Peak intensity 0.565 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

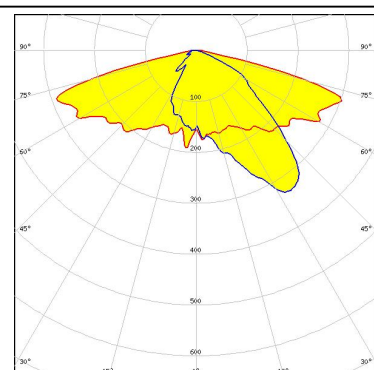
Transparent protective cover



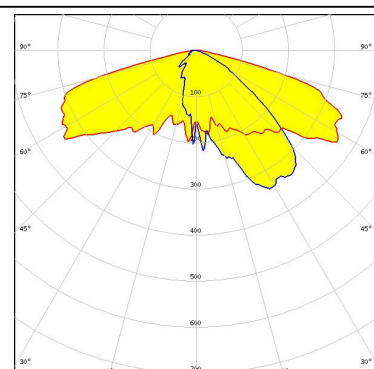
LED NVSxx19B/NVSxx19C
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.880 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED PrevaLED Brick HP 2x8
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.890 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



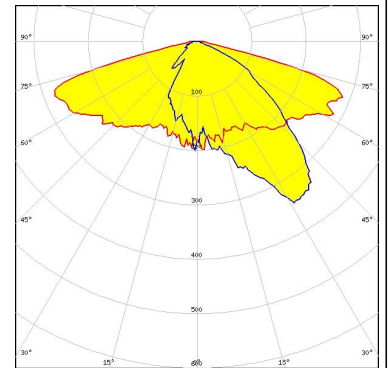
LED Duris S8
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

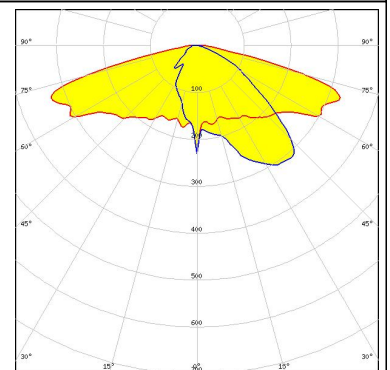
OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.640 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

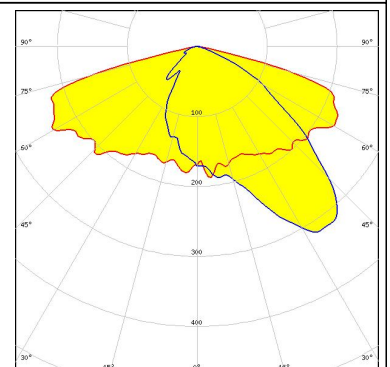
LED OSCONIQ P 3737 (3W version)
FWHM Asymmetric
Efficiency 81 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover

OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM Asymmetric
Efficiency 82 %
Peak intensity 0.570 cd/lm
LEDs/each optic 1
Light colour White
Required components:

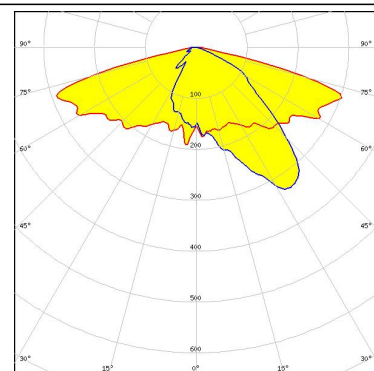
Transparent protective cover



PHOTOMETRIC DATA (SIMULATED):

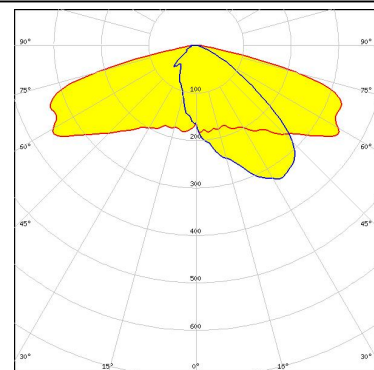
OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.890 cd/lm
LEDs/each optic 1
Light colour White
Required components:



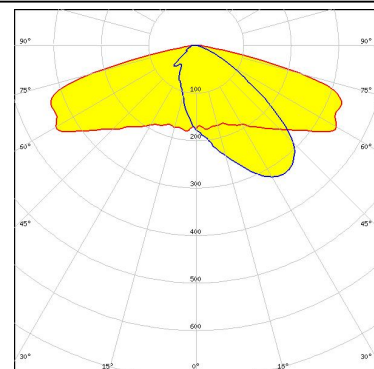
SEOUL
SEOUL SEMICONDUCTOR

LED MJT 5050
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.515 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL
SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.525 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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Hong Kong, China

Distribution Partners

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