

STRADA-2X2-CY

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting.

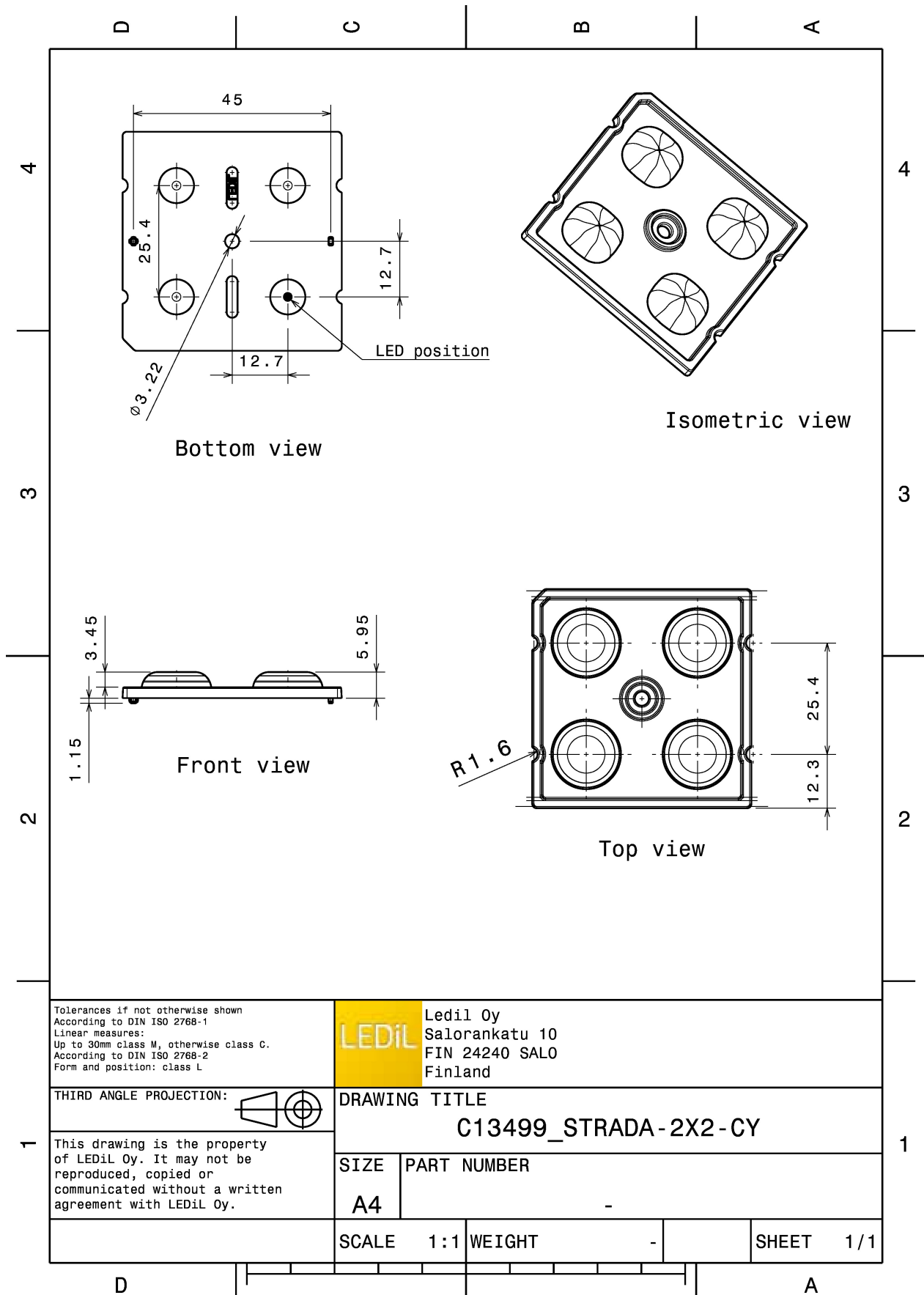
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	6 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.2 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

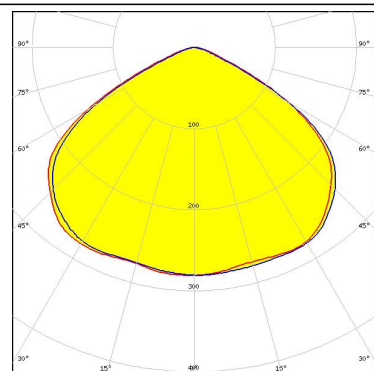
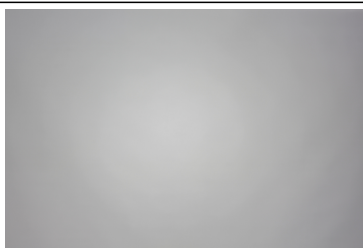
Component	Type	Material	Colour
STRADA-2X2-CY	Multi-lens	PMMA	clear



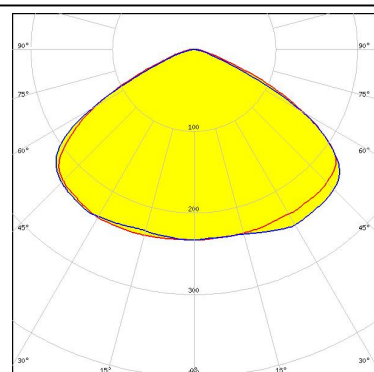
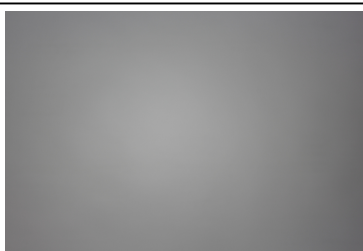
PHOTOMETRIC DATA (MEASURED):



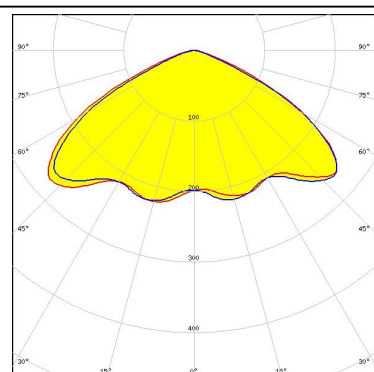
LED Bridgelux SMD 5050
 FWHM 120.0 + 119.0°
 Efficiency 94 %
 Peak intensity 0.320 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



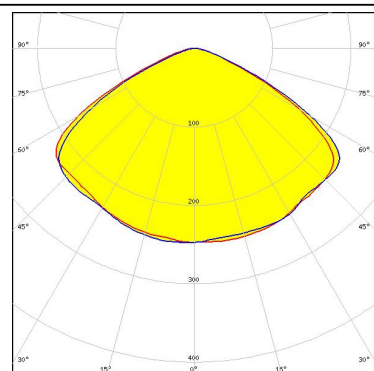
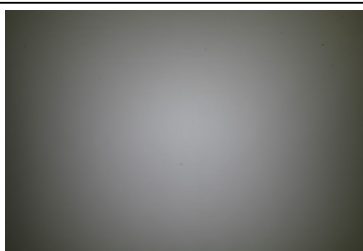
LED XD16
 FWHM 125.0 + 124.0°
 Efficiency 94 %
 Peak intensity 0.340 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



LED XD16
 FWHM 132.0 + 130.0°
 Efficiency 94 %
 Peak intensity 0.360 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



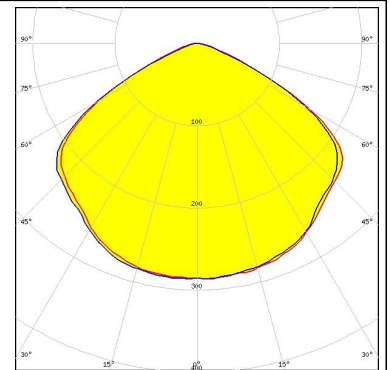
LED XM-L
 FWHM 126.0°
 Efficiency 94 %
 Peak intensity 0.320 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

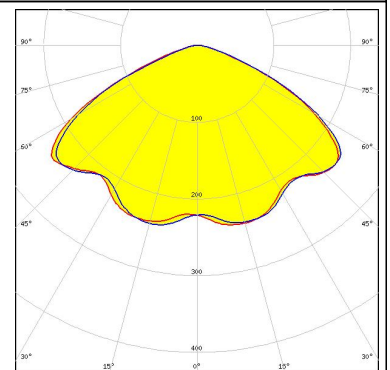
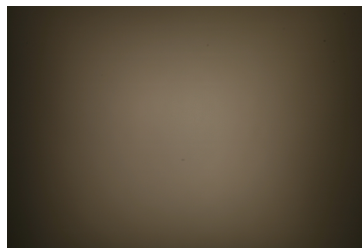
CREE

LED XM-L2
FWHM 121.0°
Efficiency 94 %
Peak intensity 0.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



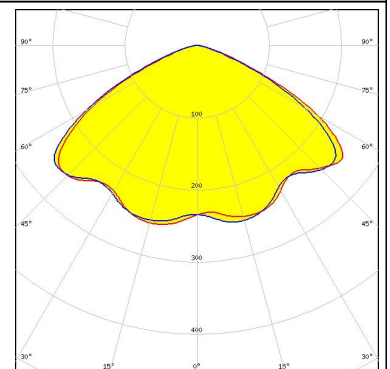
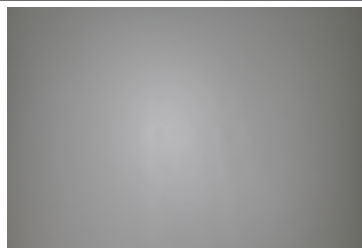
CREE

LED XP-G
FWHM 131.0°
Efficiency 94 %
Peak intensity 0.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



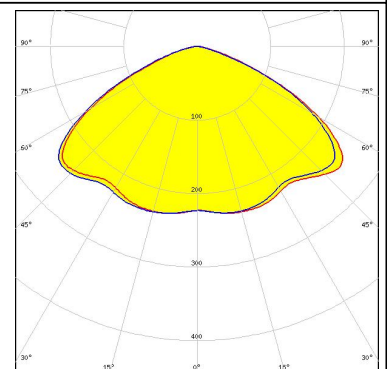
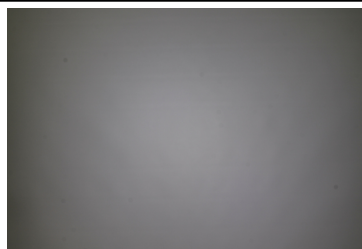
CREE

LED XP-G2
FWHM 129.0°
Efficiency 94 %
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

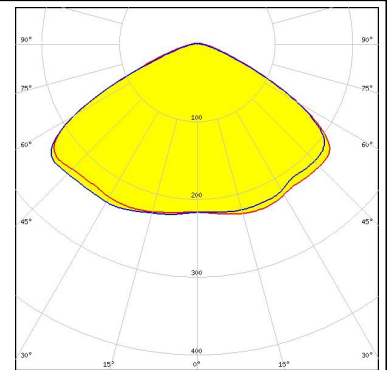
LED XP-G3
FWHM 131.0 + 132.0°
Efficiency 94 %
Peak intensity 0.330 cd/lm
LEDs/each optic 1
Light colour White
Required components:



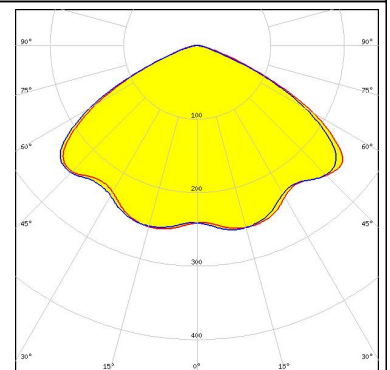
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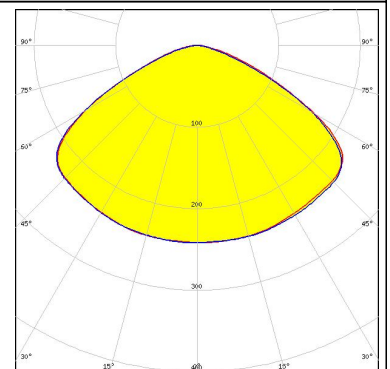
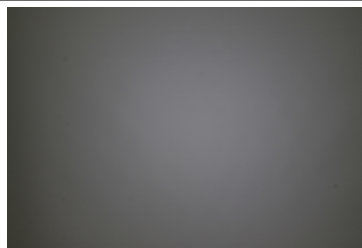
LED XP-L HD
FWHM 131.0°
Efficiency 94 %
Peak intensity 0.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



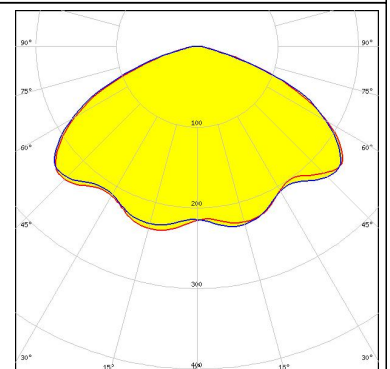
LED XP-L HI
FWHM 127.0°
Efficiency 94 %
Peak intensity 0.330 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L2
FWHM 127.0°
Efficiency 94 %
Peak intensity 0.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



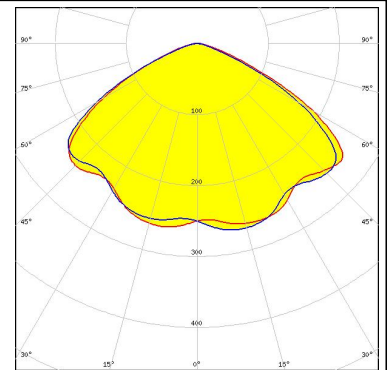
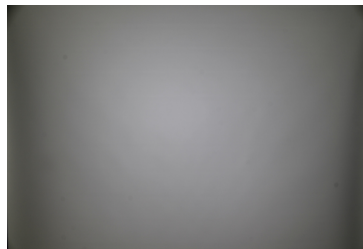
LED XT-E
FWHM 136.0°
Efficiency 94 %
Peak intensity 0.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

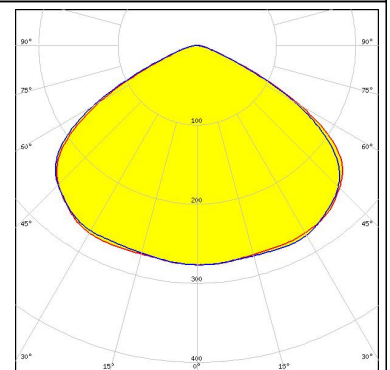
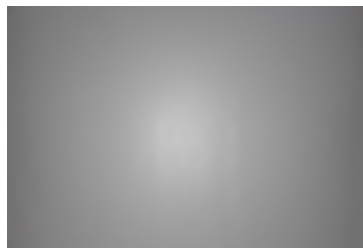
LG Innotech

LED H35C1 (LEMWA33)
 FWHM 126.0°
 Efficiency 94 %
 Peak intensity 0.340 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



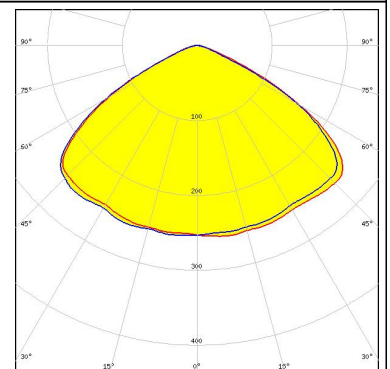
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM 121.0°
 Efficiency 94 %
 Peak intensity 0.320 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



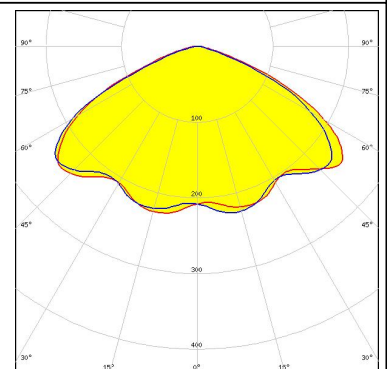
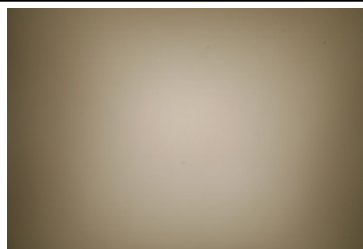
LUMILEDS

LED LUXEON MZ
 FWHM 123.0°
 Efficiency 94 %
 Peak intensity 0.350 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

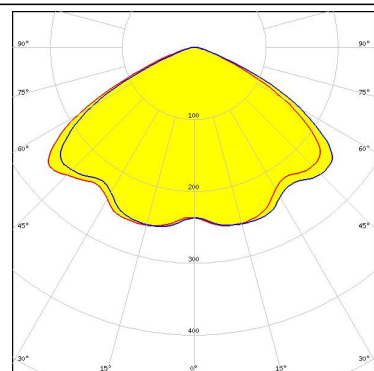
LED LUXEON Q
 FWHM 134.0°
 Efficiency 94 %
 Peak intensity 0.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

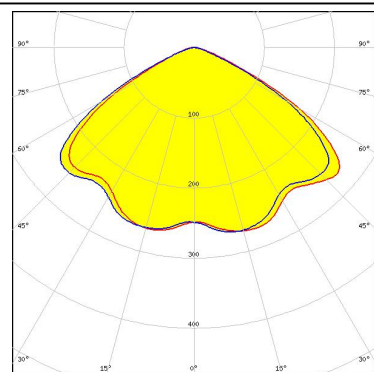
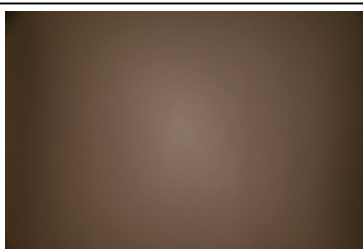
LUMILEDS

LED LUXEON T
FWHM 127.0°
Efficiency 94 %
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:



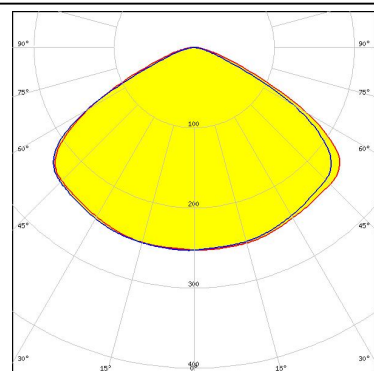
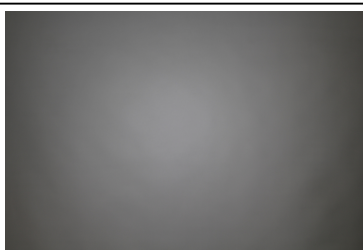
LUMILEDS

LED LUXEON TX
FWHM 123.0°
Efficiency 94 %
Peak intensity 0.330 cd/lm
LEDs/each optic 1
Light colour White
Required components:



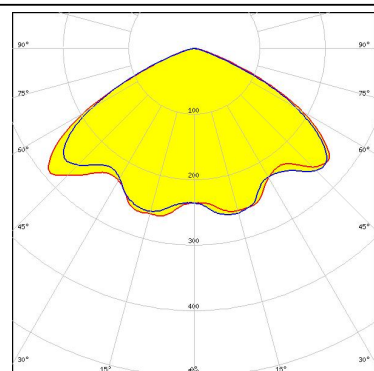
LUMILEDS

LED LUXEON V
FWHM 125.0 + 123.0°
Efficiency 94 %
Peak intensity 0.310 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMINUS

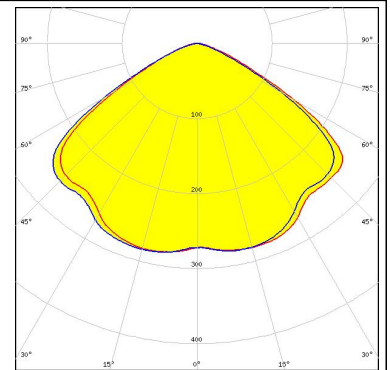
LED SST-10-B130
FWHM 126.0°
Efficiency 97 %
Peak intensity 0.361 cd/lm
LEDs/each optic 1
Light colour Deep Red
Required components:



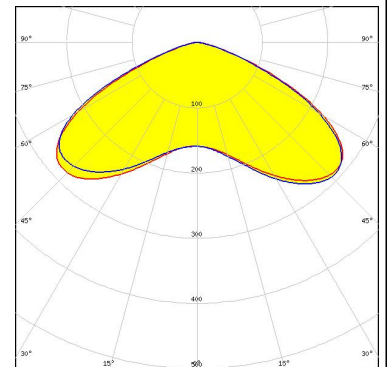
PHOTOMETRIC DATA (MEASURED):



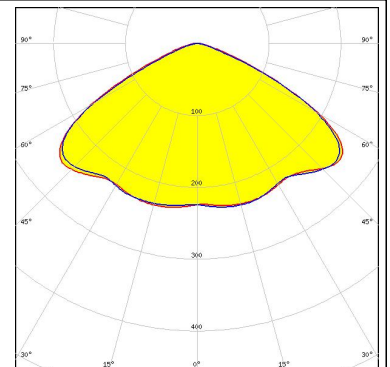
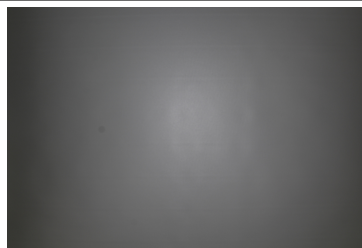
LED NVSW219D
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:



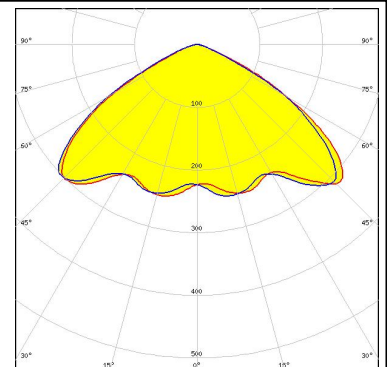
LED NVSW319B
FWHM 139.0°
Efficiency 94 %
Peak intensity 0.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM 129.0 + 128.0°
Efficiency 94 %
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM 125.0°
Efficiency 94 %
Peak intensity 0.390 cd/lm
LEDs/each optic 1
Light colour White
Required components:

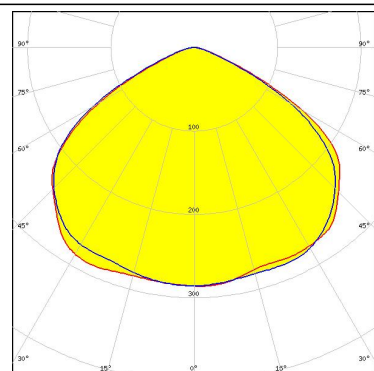


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

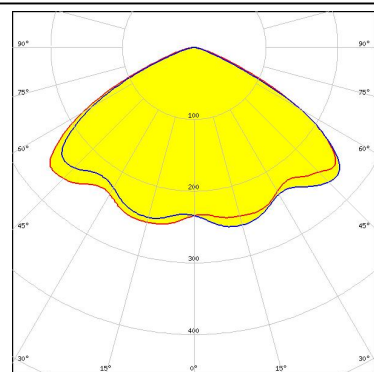
LED Duris S8
FWHM 119.0°
Efficiency 94 %
Peak intensity 0.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

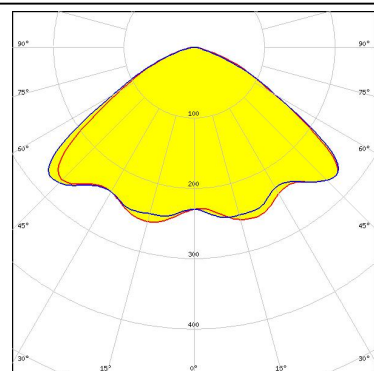
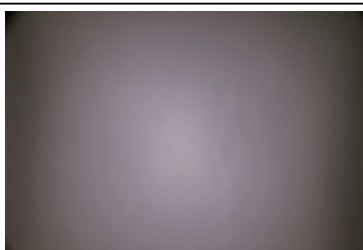
LED OSLOM Square CSSRM2/CSSRM3
FWHM 128.0 + 127.0°
Efficiency 94 %
Peak intensity 0.360 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

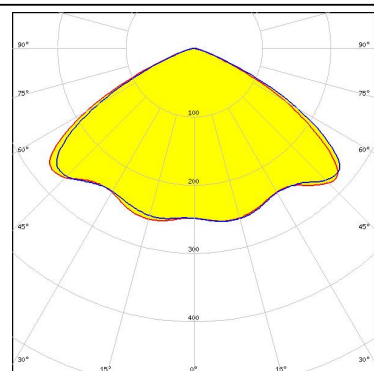
Opto Semiconductors

LED OSLOM Square PC
FWHM 122.0°
Efficiency 94 %
Peak intensity 0.330 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

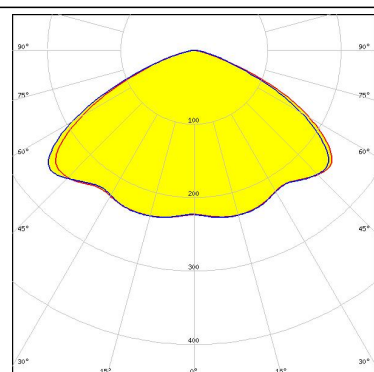
LED Fortimo FastFlex LED 2x8 DA G4
FWHM 125.0°
Efficiency 94 %
Peak intensity 0.360 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

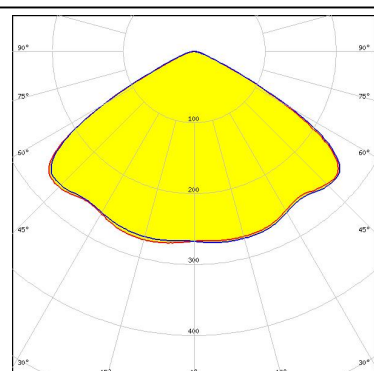
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4
 FWHM 131.0°
 Efficiency 94 %
 Peak intensity 0.330 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



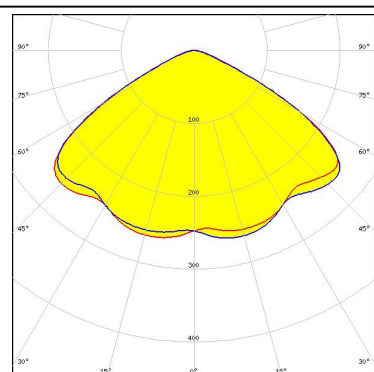
SAMSUNG

LED HiLOM RH16 (LH351C)
 FWHM 121.0°
 Efficiency 94 %
 Peak intensity 0.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



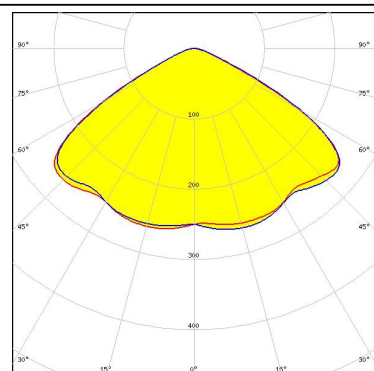
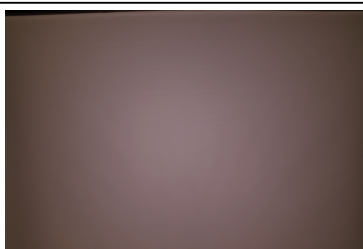
SAMSUNG

LED LH351B
 FWHM 126.0°
 Efficiency 94 %
 Peak intensity 0.340 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

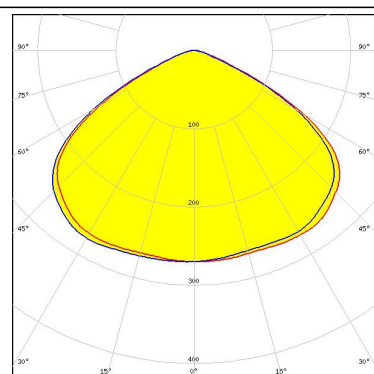
LED LH351C
 FWHM 123.0°
 Efficiency 94 %
 Peak intensity 0.350 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

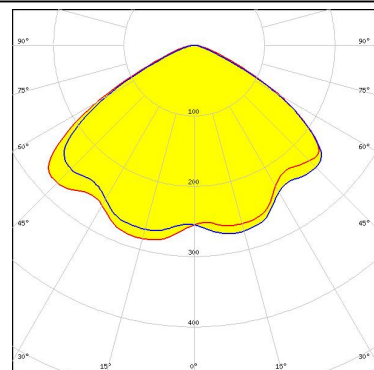
SAMSUNG

LED LH508A
FWHM 122.0°
Efficiency 94 %
Peak intensity 0.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



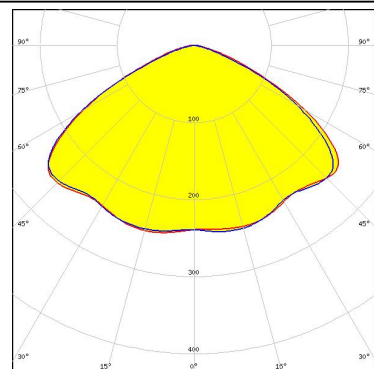
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM 122.0°
Efficiency 94 %
Peak intensity 0.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



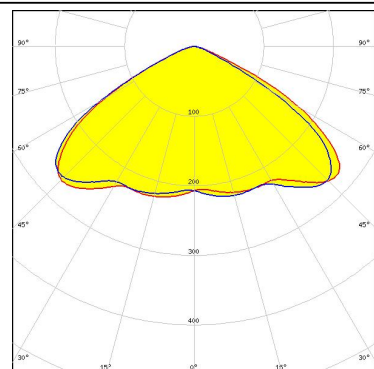
SEOUL SEMICONDUCTOR

LED Z5M3
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
FWHM 127.0 + 124.0°
Efficiency 94 %
Peak intensity 0.380 cd/lm
LEDs/each optic 1
Light colour White
Required components:

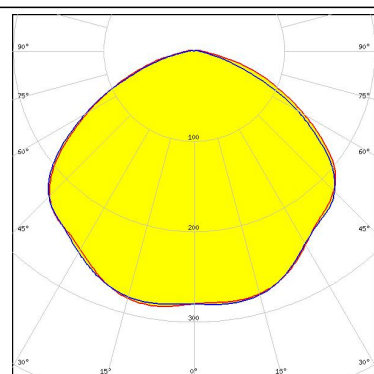
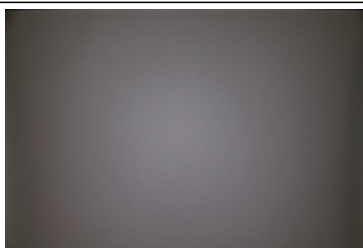


PHOTOMETRIC DATA (MEASURED):

TOSHIBA

Leading Innovation >>>

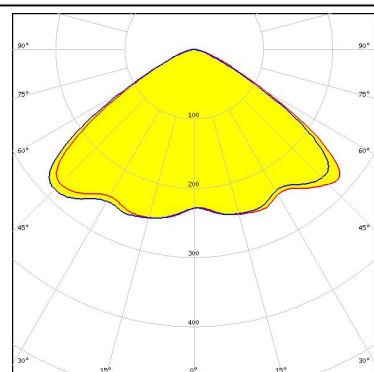
LED TL1L3
 FWHM 118.0°
 Efficiency 94 %
 Peak intensity 0.290 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TOSHIBA

Leading Innovation >>>

LED TL1L4
 FWHM 119.0°
 Efficiency 91 %
 Peak intensity 0.360 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

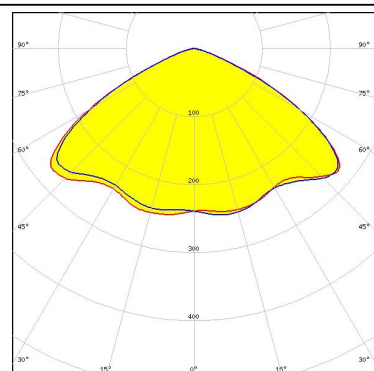


TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD
 FWHM 128.0°
 Efficiency 94 %
 Peak intensity 0.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

TRIDONIC

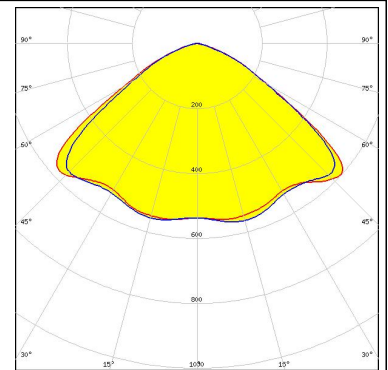
LED RLE 2x8 4000lm HP EXC2 OTD
 FWHM 128.0°
 Efficiency 94 %
 Peak intensity 0.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

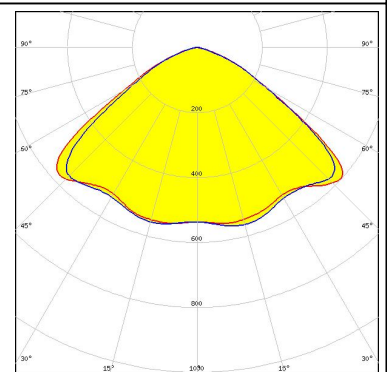
TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD
 FWHM 119.0 + 117.0°
 Efficiency 94 %
 Peak intensity 0.350 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



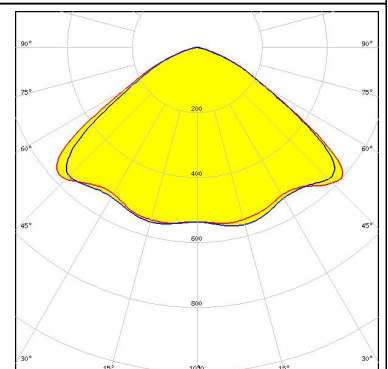
TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD
 FWHM 119.0 + 117.0°
 Efficiency 94 %
 Peak intensity 0.350 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



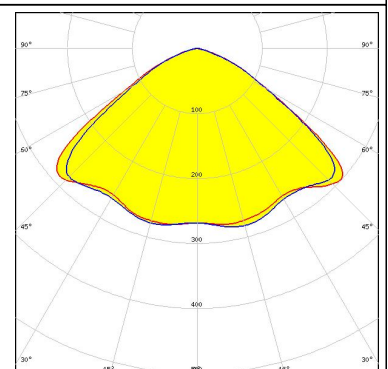
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
 FWHM 119.0 + 117.0°
 Efficiency 94 %
 Peak intensity 0.350 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

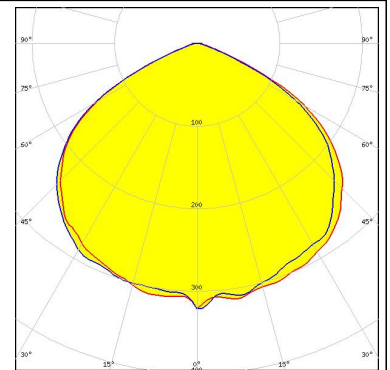
LED RLE G1 49x245mm 4000lm xxx EXC OTD
 FWHM 119.0 + 117.0°
 Efficiency 94 %
 Peak intensity 0.350 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



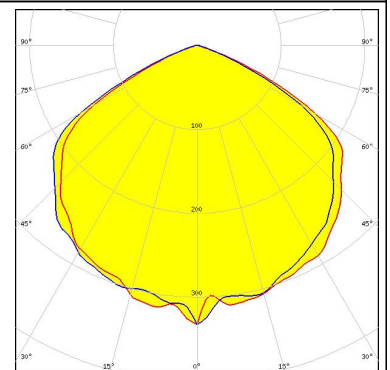
PHOTOMETRIC DATA (SIMULATED):



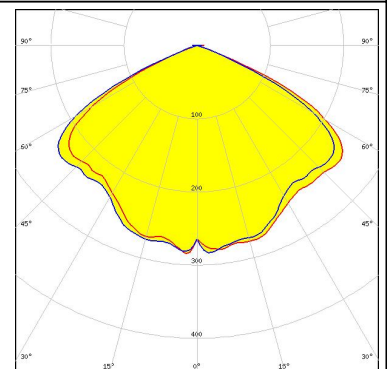
LED MHB-A/B
FWHM 117.0 + 116.0°
Efficiency 94 %
Peak intensity 0.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



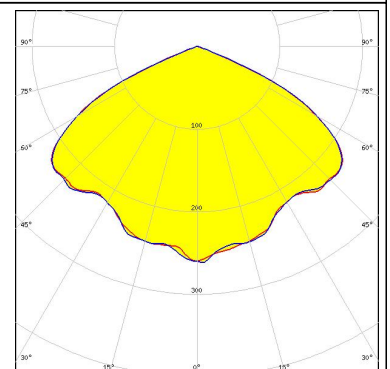
LED XHP35 HD
FWHM Asymmetric
Efficiency 96 %
Peak intensity 0.333 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2 HE
FWHM 126.0°
Efficiency 95 %
Peak intensity 0.337 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM 126.0°
Efficiency 86 %
Peak intensity 0.299 cd/lm
LEDs/each optic 1
Light colour White
Required components:

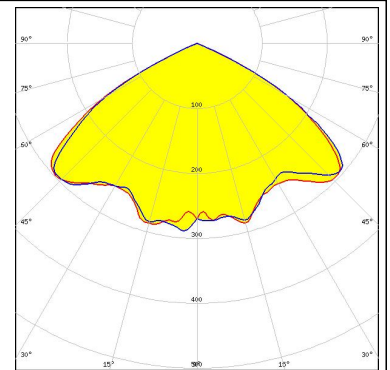


Transparent protective cover

PHOTOMETRIC DATA (SIMULATED):

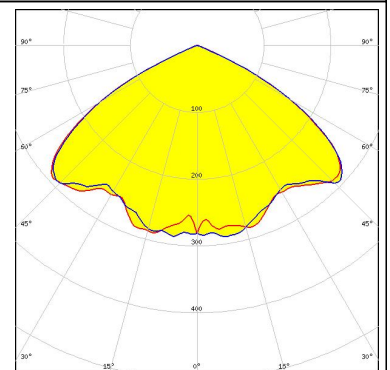
LUMILEDS

LED LUXEON 3030 2D (Round LES)
FWHM 118.0°
Efficiency 94 %
Peak intensity 0.390 cd/lm
LEDs/each optic 1
Light colour White
Required components:



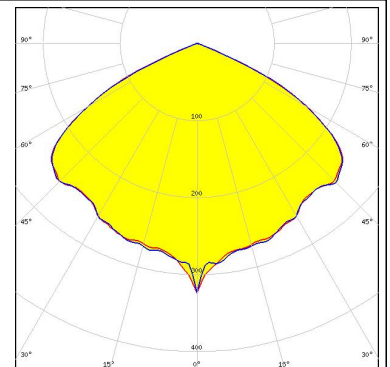
LUMILEDS

LED LUXEON 3030 2D (Square LES)
FWHM 119.0°
Efficiency 94 %
Peak intensity 0.390 cd/lm
LEDs/each optic 1
Light colour White
Required components:



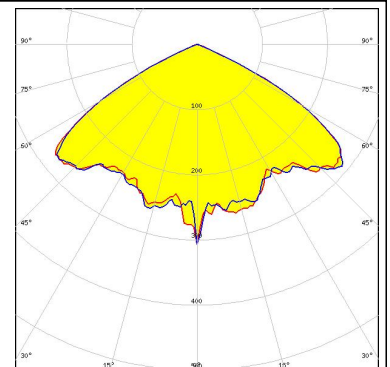
NICHIA

LED NV4WB35AM
FWHM 120.0°
Efficiency 96 %
Peak intensity 0.346 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

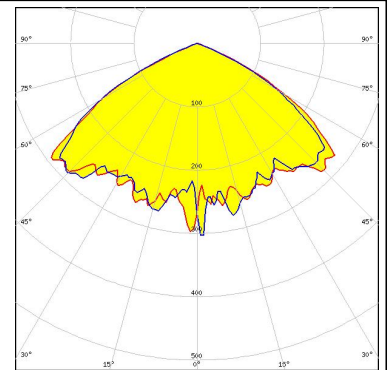
LED NVSxx19B/NVSxx19C
FWHM 122.0°
Efficiency 94 %
Peak intensity 0.391 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM

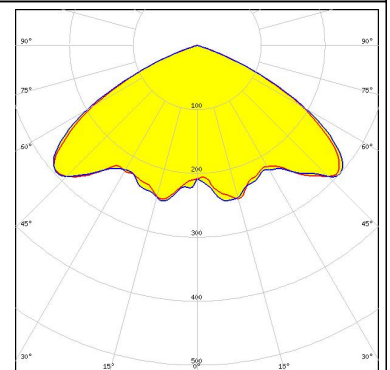
LED PrevaLED Brick HP 2x8
 FWHM 122.0°
 Efficiency 92 %
 Peak intensity 0.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

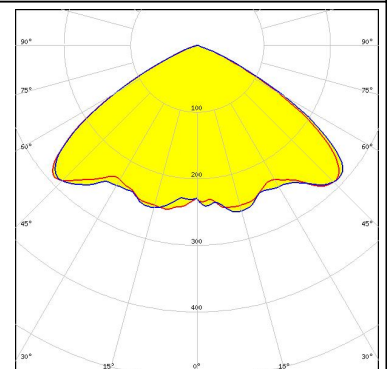
LED OSCONIQ P 3030
 FWHM 125.0°
 Efficiency 96 %
 Peak intensity 0.393 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

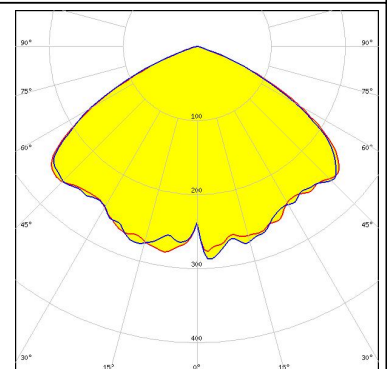
LED OSCONIQ P 3737 (2W version)
 FWHM 114.0°
 Efficiency 93 %
 Peak intensity 0.380 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
 FWHM 106.0 + 114.0°
 Efficiency 94 %
 Peak intensity 0.340 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



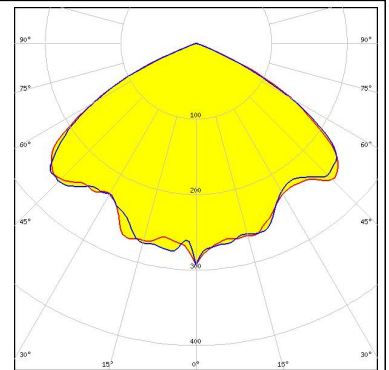
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

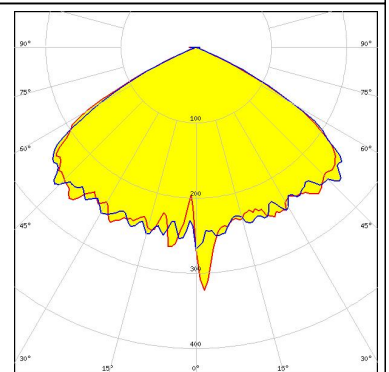
LED OSLON Square CSSRM2/CSSRM3
FWHM 122.0°
Efficiency 89 %
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



SAMSUNG

LED LH351D
FWHM 120.0°
Efficiency 92 %
Peak intensity 0.350 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:

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