

STRADA-2X2-CY

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

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	6 mm
Fastening	screw
ROHS compliant	yes ⓘ

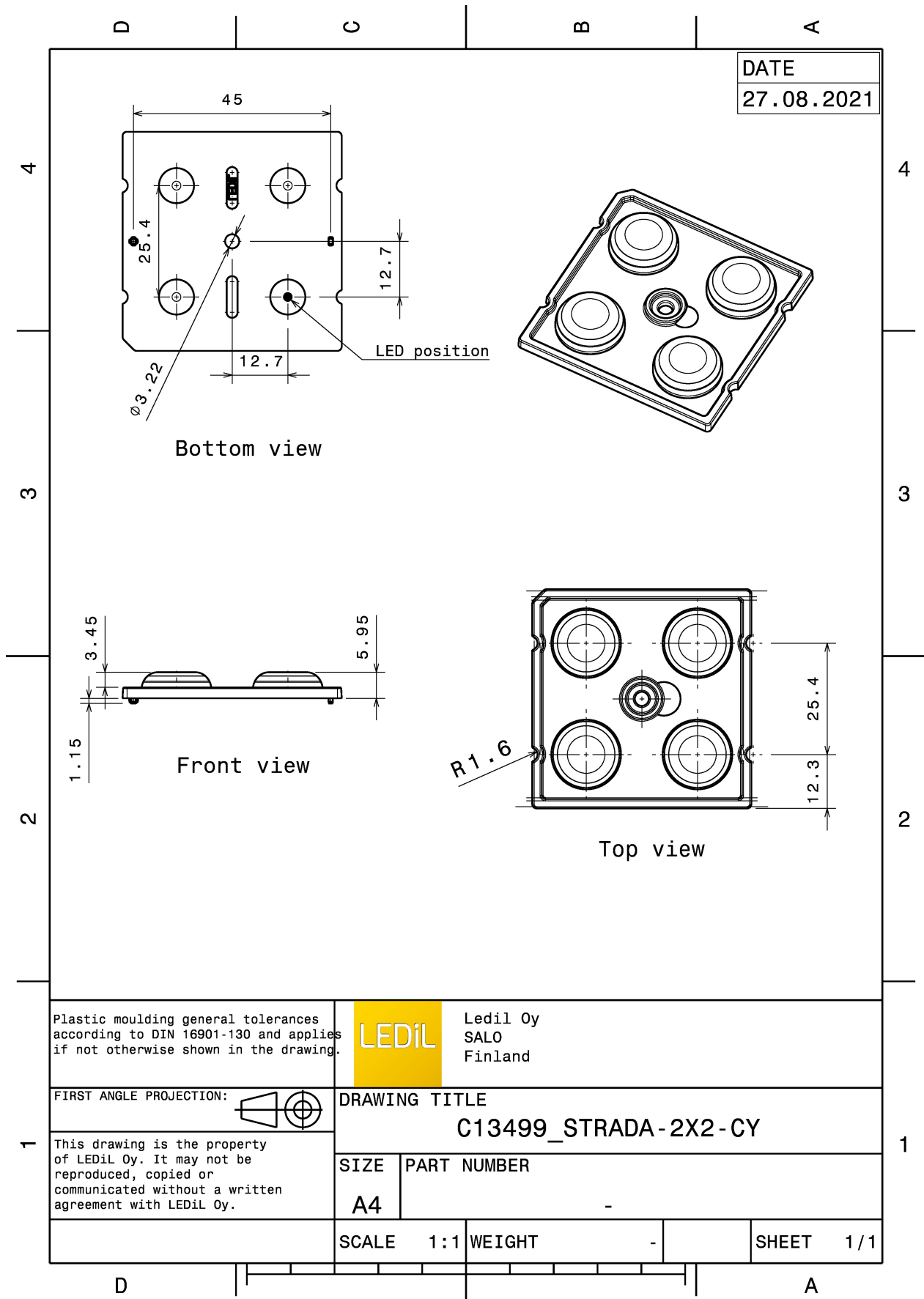


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13499_STRADA-2X2-CY » Box size: 480 x 280 x 300 mm	800	160	160	6.2

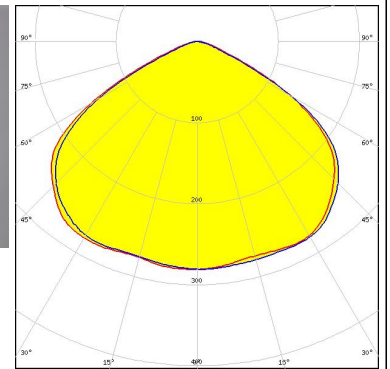


See also our general installation guide: www.ledil.com/installation_guide

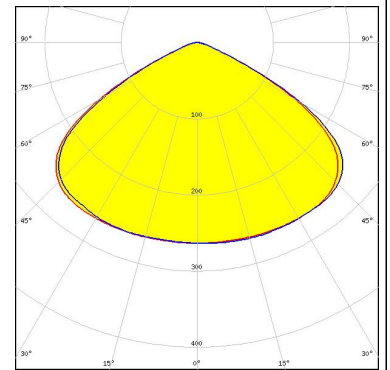
OPTICAL RESULTS (MEASURED):



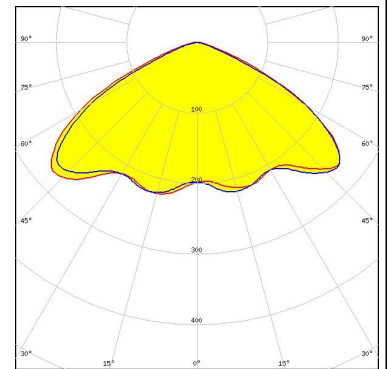
LED Bridgelux SMD 5050
 FWHM / FWTM 120.0 + 119.0° / 143.0 + 139.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



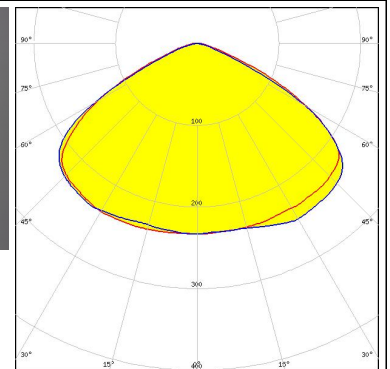
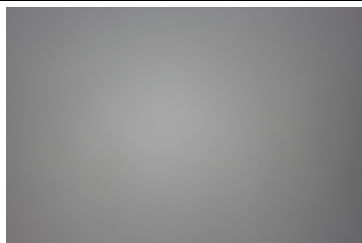
LED J Series 5050C 6V E Class
 FWHM / FWTM 122.0° / 140.0°
 Efficiency 98 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XD16
 FWHM / FWTM 132.0 + 130.0° / 152.0 + 148.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



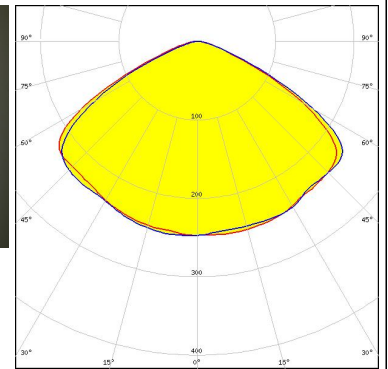
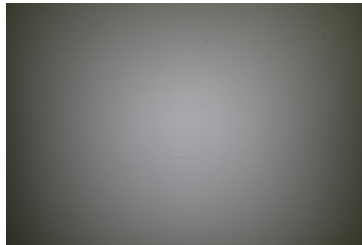
LED XD16
 FWHM / FWTM 125.0 + 124.0° / 149.0 + 145.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



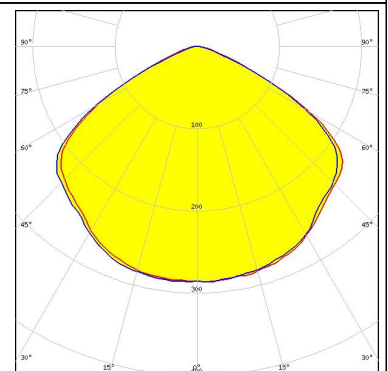
OPTICAL RESULTS (MEASURED):



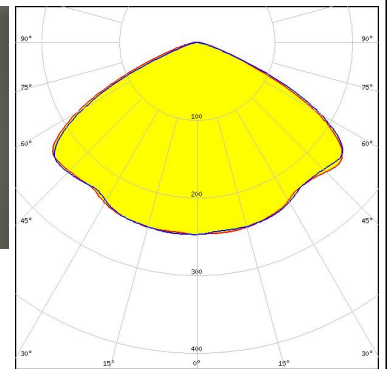
LED XM-L
FWHM / FWTM 126.0° / 149.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



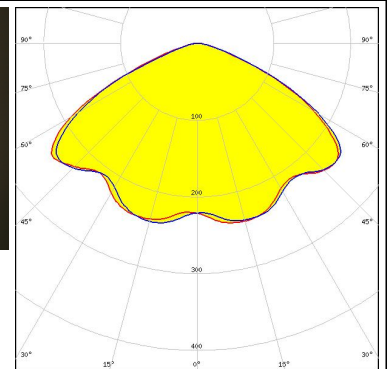
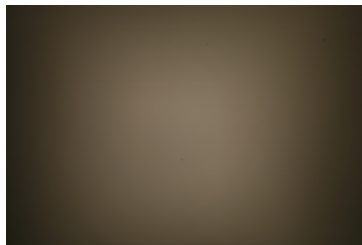
LED XM-L2
FWHM / FWTM 121.0° / 145.0 + 143.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L3
FWHM / FWTM Asymmetric
Efficiency 98 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



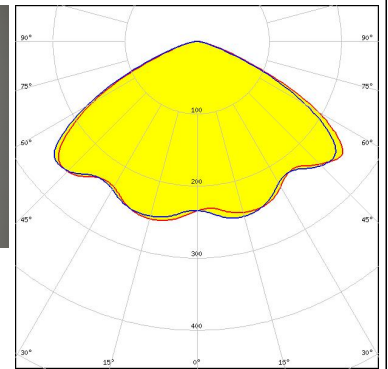
LED XP-G
FWHM / FWTM 131.0° / 152.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



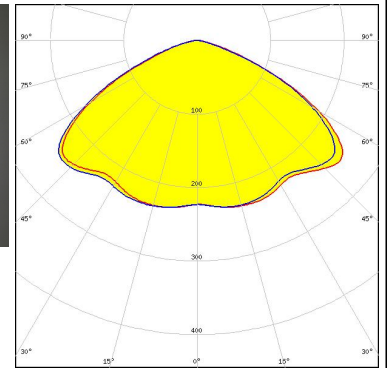
OPTICAL RESULTS (MEASURED):



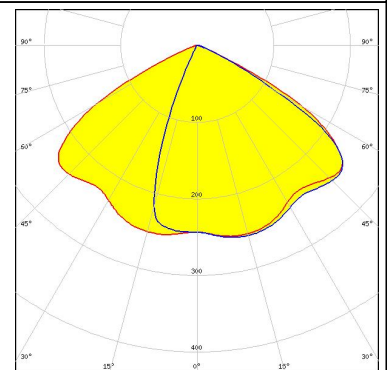
LED XP-G2
 FWHM / FWTM 129.0° / 151.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



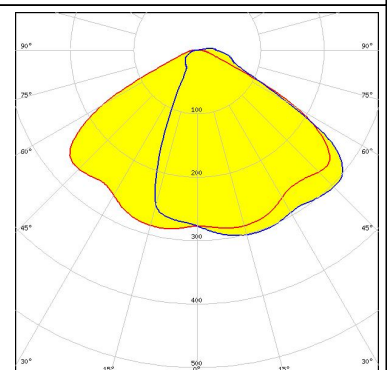
LED XP-G3
 FWHM / FWTM 131.0 + 132.0° / 154.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 62 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17677_STRADA-2X2-SHD-BLK



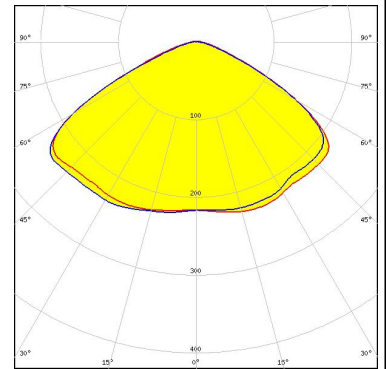
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17580_STRADA-2X2-SHD-WHT



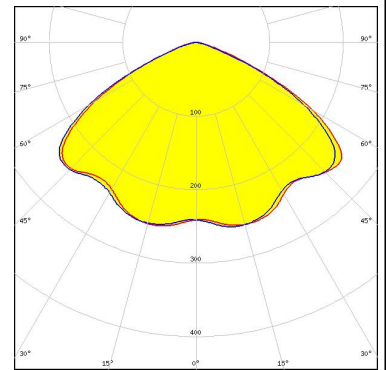
OPTICAL RESULTS (MEASURED):



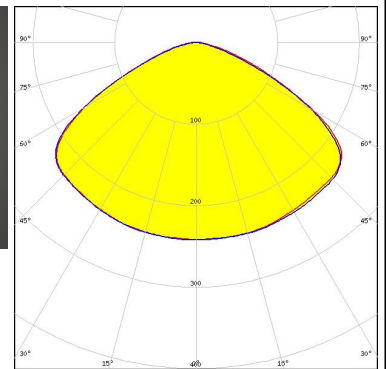
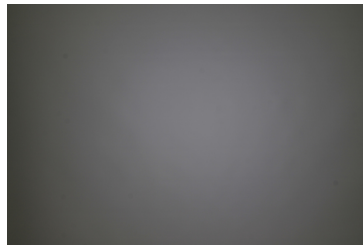
LED XP-L HD
FWHM / FWTM 131.0° / 157.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



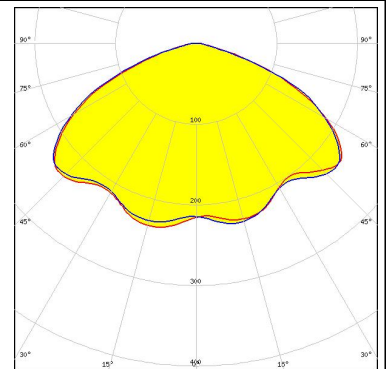
LED XP-L HI
FWHM / FWTM 127.0° / 150.0 + 147.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L2
FWHM / FWTM 127.0° / 156.0 + 153.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



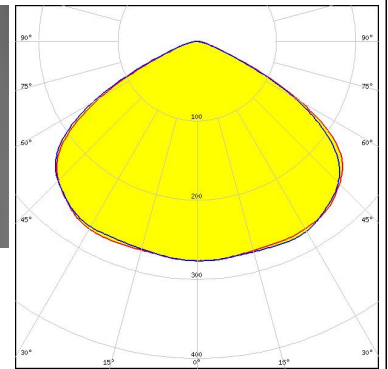
LED XT-E
FWHM / FWTM 136.0° / 156.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

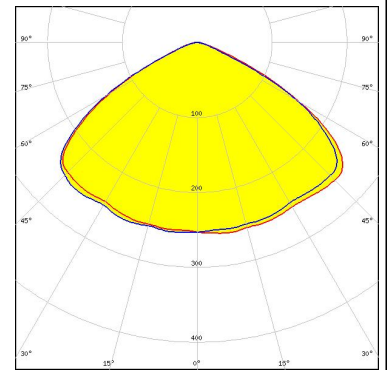
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM / FWTM 121.0° / 143.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



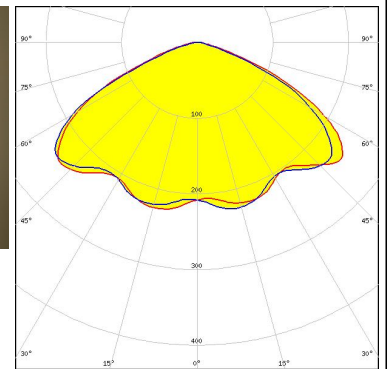
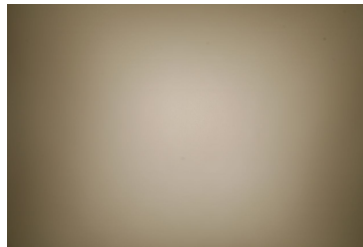
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 123.0° / 144.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



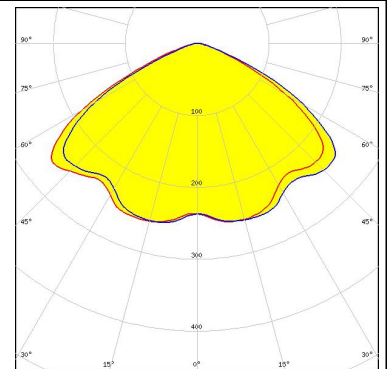
LUMILEDS

LED LUXEON Q
 FWHM / FWTM 134.0° / 157.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

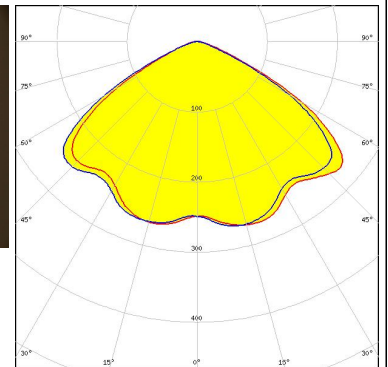
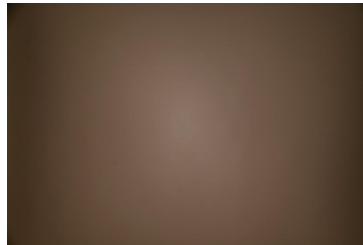
LED LUXEON T
 FWHM / FWTM 127.0° / 147.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



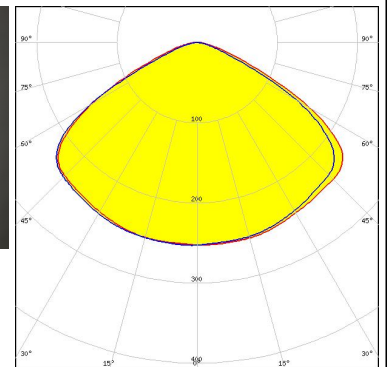
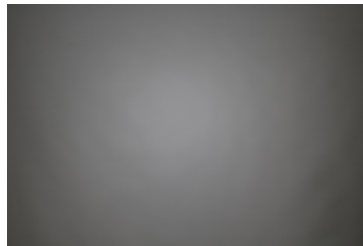
OPTICAL RESULTS (MEASURED):



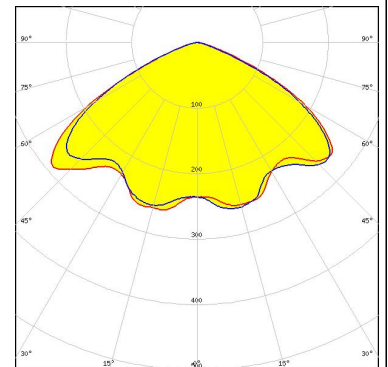
LED LUXEON TX
FWHM / FWTM 123.0° / 146.0 + 143.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



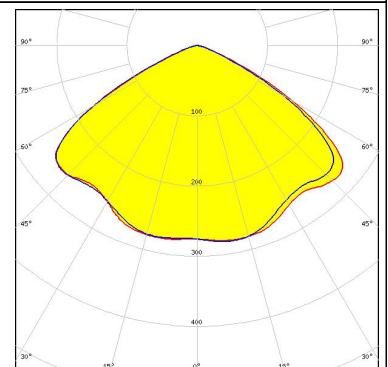
LED LUXEON V
FWHM / FWTM 125.0 + 123.0° / 151.0 + 145.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SST-10-B130
FWHM / FWTM 126.0° / 147.0°
Efficiency 97 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour Deep Red
Required components:



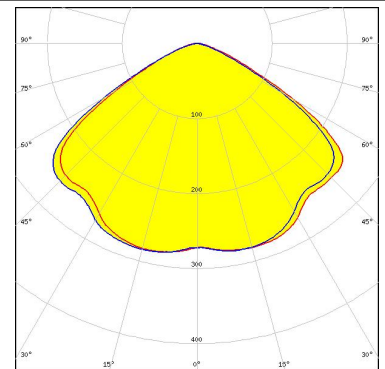
LED RecLED 122x50mm 1900lm 730 2x4 Opt G1
FWHM / FWTM Asymmetric
Efficiency 98 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



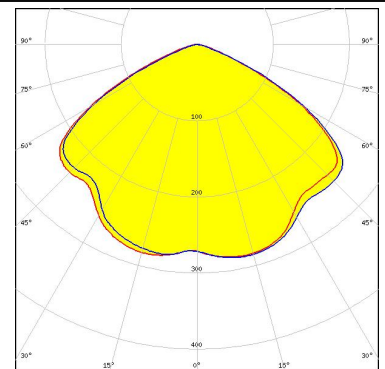
OPTICAL RESULTS (MEASURED):



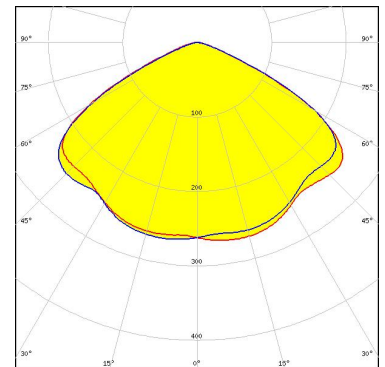
LED NVSW219D
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



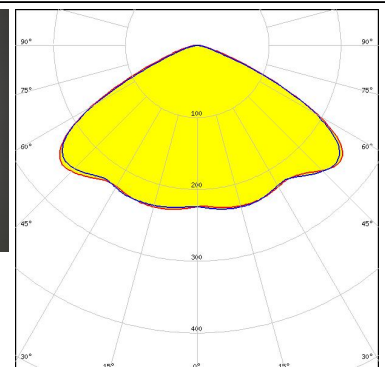
LED NVSW219F
FWHM / FWTM 123.0° / 143.0°
Efficiency 97 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW319B
FWHM / FWTM 125.0° / 144.0°
Efficiency 98 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



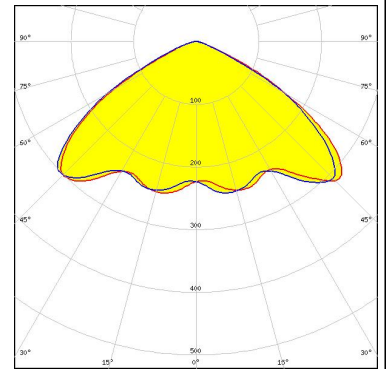
LED NVSW3x9A
FWHM / FWTM 129.0 + 128.0° / 151.0 + 148.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



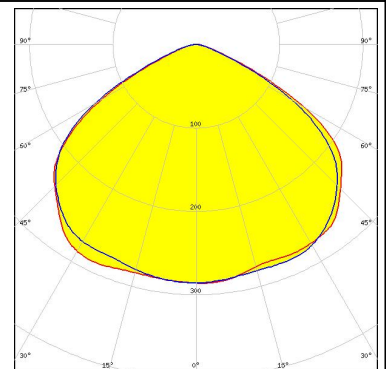
OPTICAL RESULTS (MEASURED):



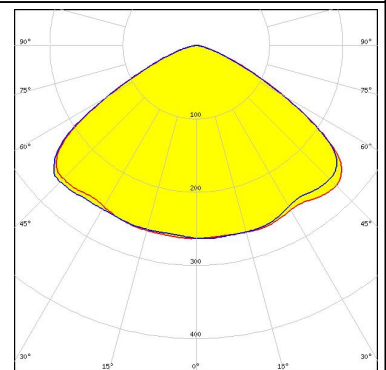
LED NVSxE21A
 FWHM / FWTM 125.0° / 144.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



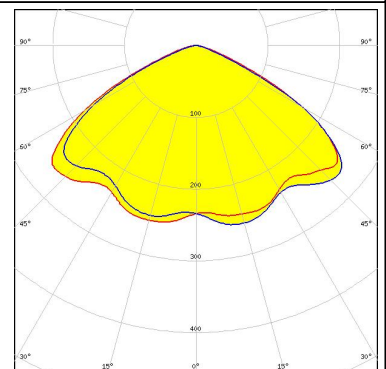
LED Duris S8
 FWHM / FWTM 119.0° / 143.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM Asymmetric
 Efficiency 98 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 128.0 + 127.0° / 149.0 + 145.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

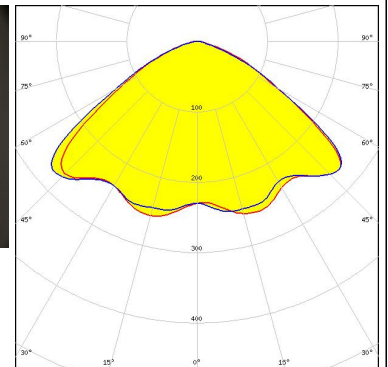
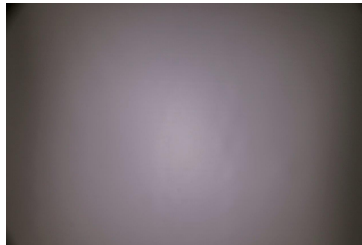


OPTICAL RESULTS (MEASURED):

OSRAM

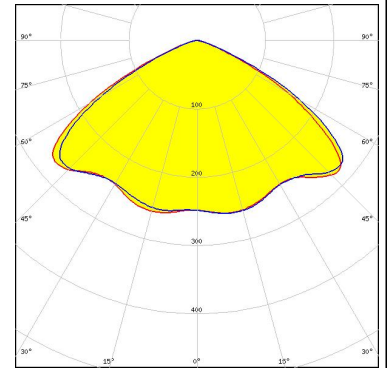
Opto Semiconductors

LED OSLON Square PC
FWHM / FWTM 122.0° / 154.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



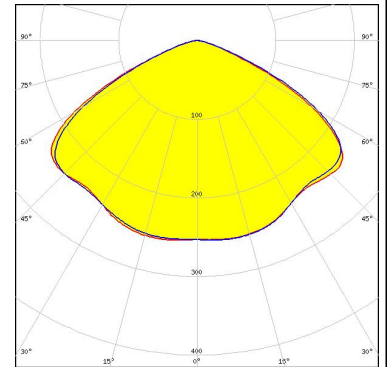
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
FWHM / FWTM 125.0° / 145.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



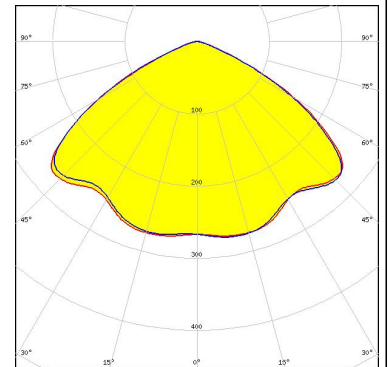
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+
FWHM / FWTM 127.0° / 148.0°
Efficiency 98 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

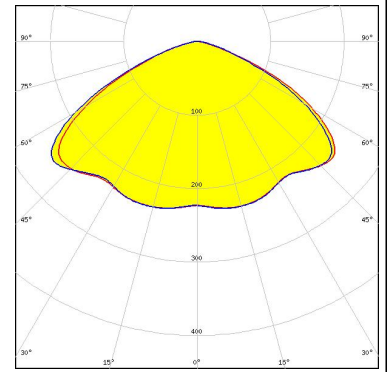
LED Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM 122.0° / 142.0°
Efficiency 98 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

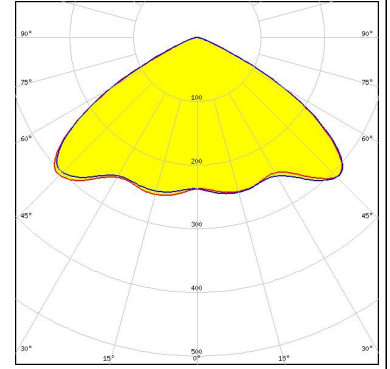
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4
 FWHM / FWTM 131.0° / 154.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



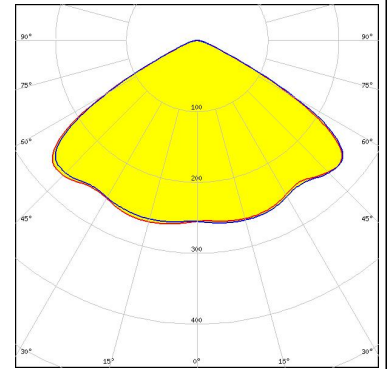
SAMSUNG

LED HiLOM RC12 Z (LH181B)
 FWHM / FWTM 120.0° / 138.0°
 Efficiency 99 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



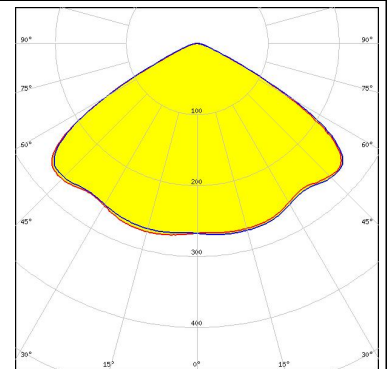
SAMSUNG

LED HiLOM RH12 Z (LH351C)
 FWHM / FWTM 121.0° / 139.0°
 Efficiency 97 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

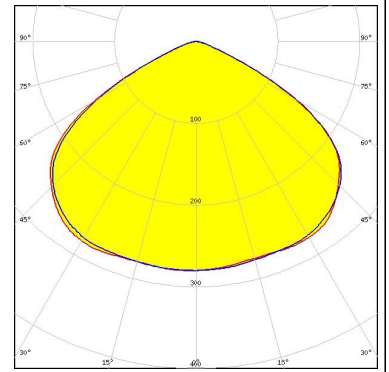
LED HiLOM RH16 (LH351C)
 FWHM / FWTM 121.0° / 139.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

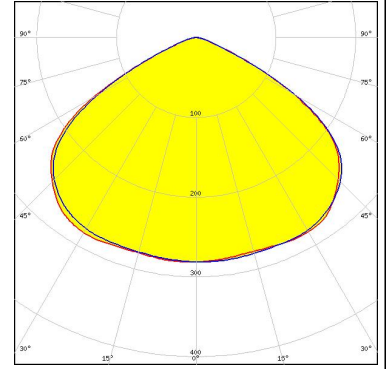
SAMSUNG

LED HiLOM RM12 Z (LH502C)
 FWHM / FWTM 120.0° / 141.0°
 Efficiency 98 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



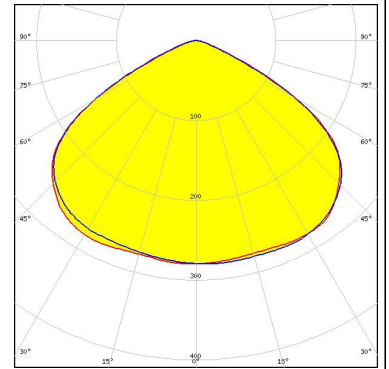
SAMSUNG

LED HiLOM RM16 Z (LH502C)
 FWHM / FWTM 120.0° / 141.0°
 Efficiency 99 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



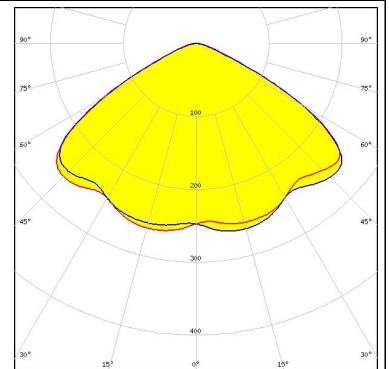
SAMSUNG

LED HiLOM RM8 Z (LH502C)
 FWHM / FWTM Asymmetric
 Efficiency 99 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

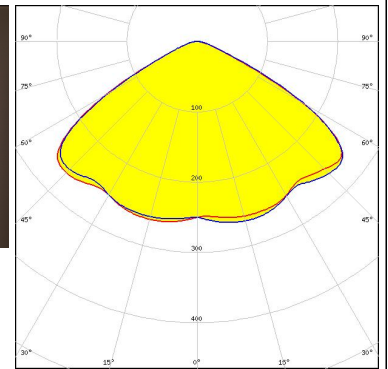
LED LH351B
 FWHM / FWTM 126.0° / 149.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

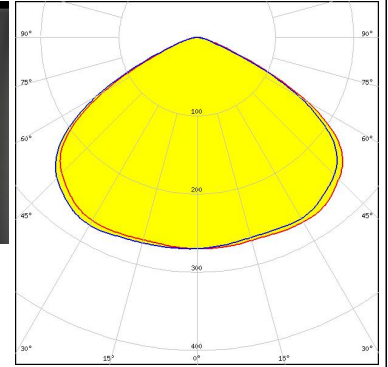
SAMSUNG

LED LH351C
FWHM / FWTM 123.0° / 144.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



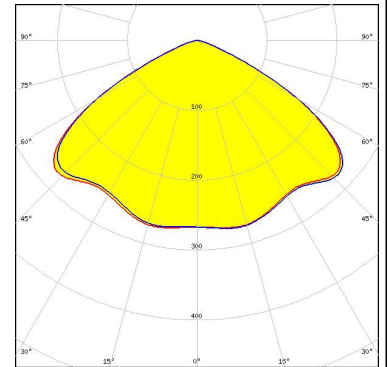
SAMSUNG

LED LH508A
FWHM / FWTM 122.0° / 144.0 + 143.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEITEC

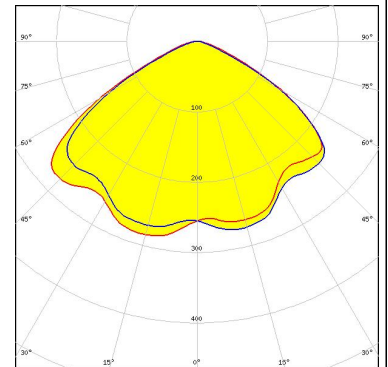
LED LED-Pa-L15c2W11c2-xxx-C050-01
FWHM / FWTM 123.0° / 142.0°
Efficiency 98 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



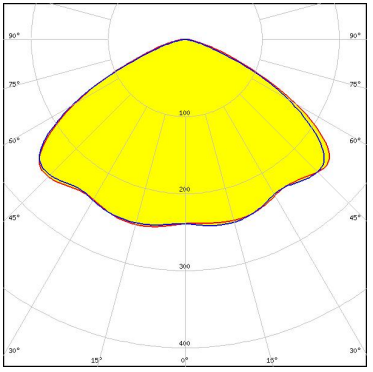
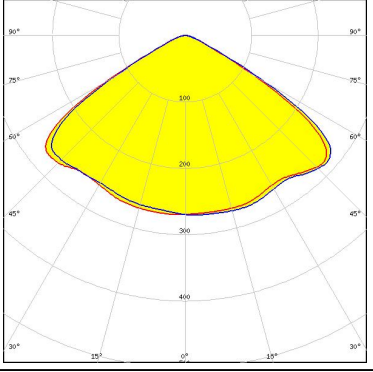
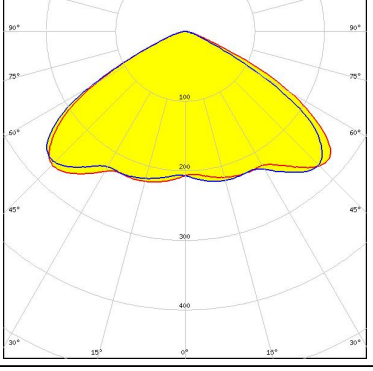
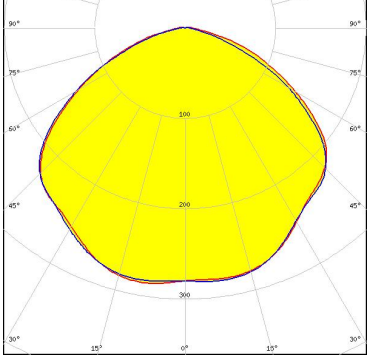
SEMI

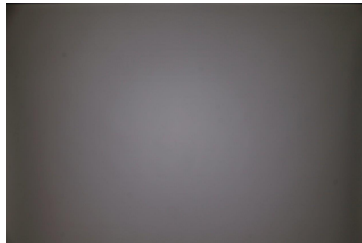
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM / FWTM 122.0° / 149.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5M4</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM / FWTM 127.0 + 124.0° / 146.0 + 144.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>TOSHIBA Leading Innovation >>></p> <p>LED TL1L3</p> <p>FWHM / FWTM 118.0° / 154.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

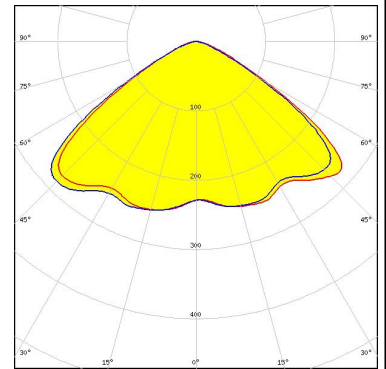


OPTICAL RESULTS (MEASURED):

TOSHIBA

Leading Innovation >>>

LED TL1L4
FWHM / FWTM 119.0° / 146.0°
Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

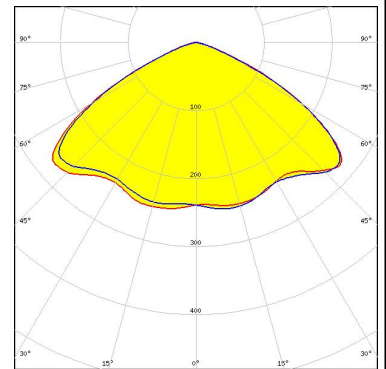


TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD
FWHM / FWTM 128.0° / 147.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

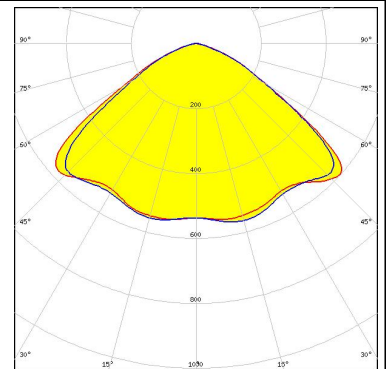
TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
FWHM / FWTM 128.0° / 147.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

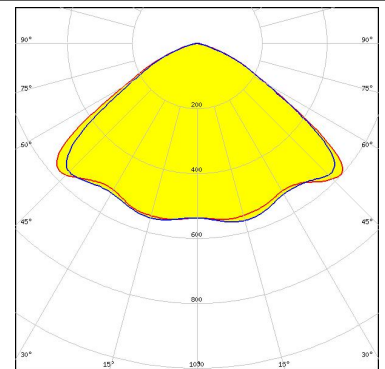
LED RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM / FWTM 119.0 + 117.0° / 147.0 + 146.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

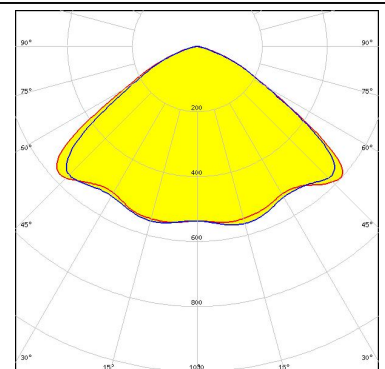
TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD
 FWHM / FWTM 119.0 + 117.0° / 147.0 + 146.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



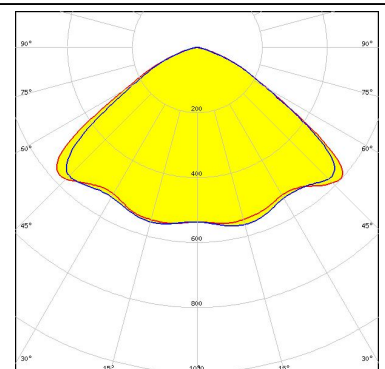
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
 FWHM / FWTM 119.0 + 117.0° / 147.0 + 146.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

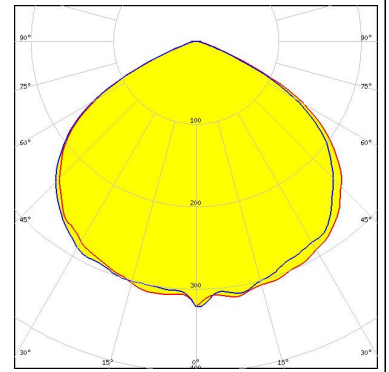
LED RLE G1 49x245mm 4000lm xxx EXC OTD
 FWHM / FWTM 119.0 + 117.0° / 147.0 + 146.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



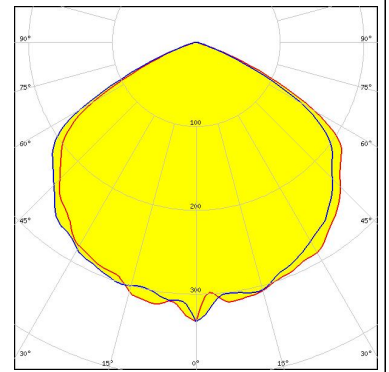
OPTICAL RESULTS (SIMULATED):



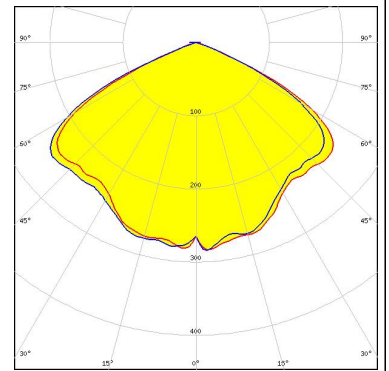
LED MHB-A/B
 FWHM / FWTM 117.0 + 116.0° / 140.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP35 HD
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

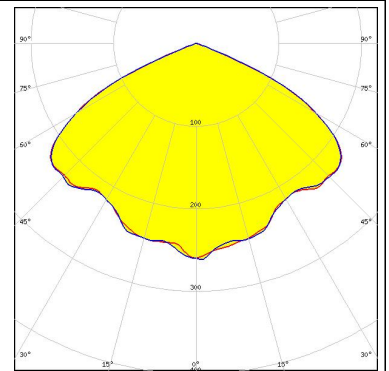


LED XP-G2 HE
 FWHM / FWTM 126.0° / 138.0°
 Efficiency 95 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 126.0° / 138.0°
 Efficiency 86 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

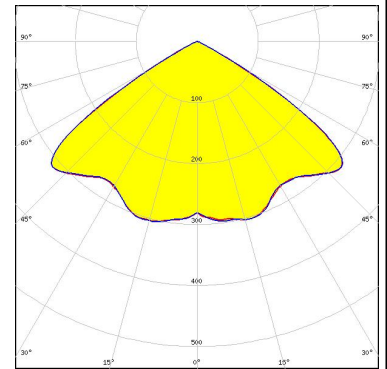
Protective plate, glass



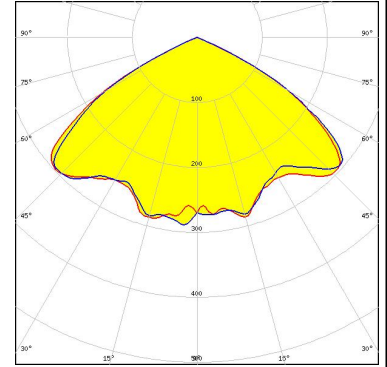
OPTICAL RESULTS (SIMULATED):



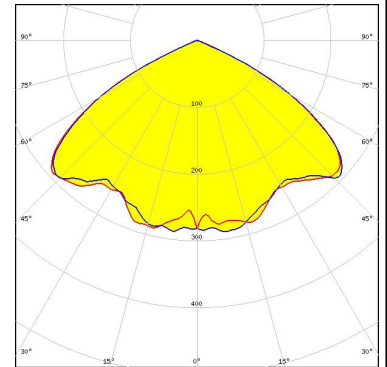
LED XP-G4
FWHM / FWTM 116.0° / 126.0°
Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



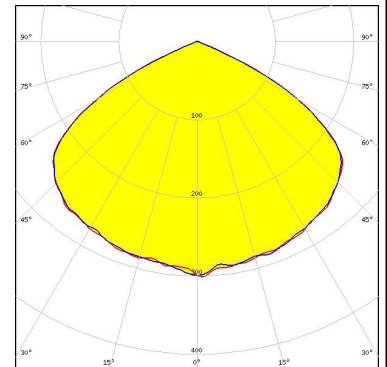
LED LUXEON 3030 2D (Round LES)
FWHM / FWTM 118.0° / 131.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 3030 2D (Square LES)
FWHM / FWTM 119.0° / 133.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 5050 HE
FWHM / FWTM 120.0° / 134.0°
Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

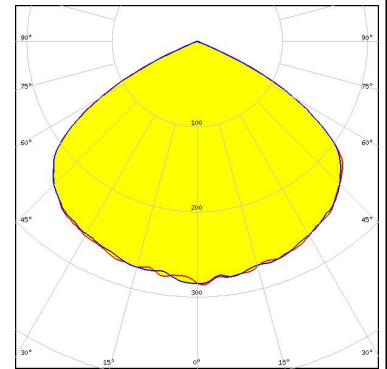


OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON 5050 HE
FWHM / FWTM 118.0° / 134.0°
Efficiency 89 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

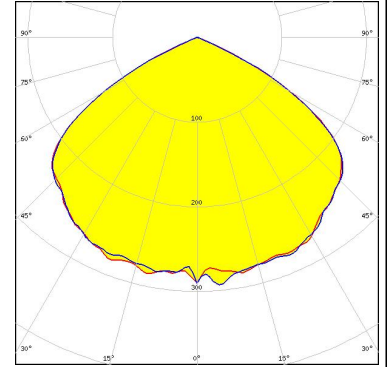
Protective plate, glass



LUMILEDS

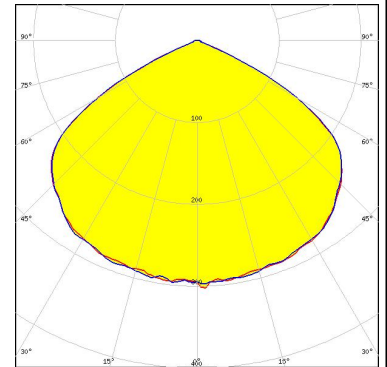
LED LUXEON 5050 Round LES
FWHM / FWTM 117.0° / 132.0°
Efficiency 89 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



LUMILEDS

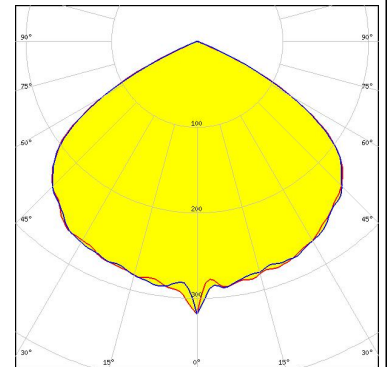
LED LUXEON 5050 Square LES
FWHM / FWTM 118.0° / 134.0°
Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON 5050 Square LES
FWHM / FWTM 114.0° / 132.0°
Efficiency 89 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

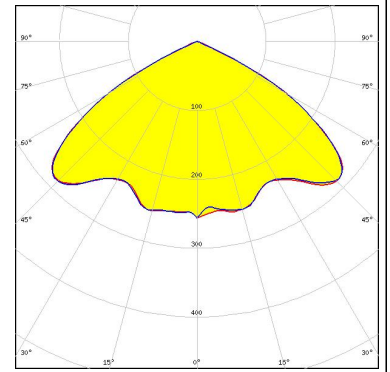


OPTICAL RESULTS (SIMULATED):

LUMILEDS

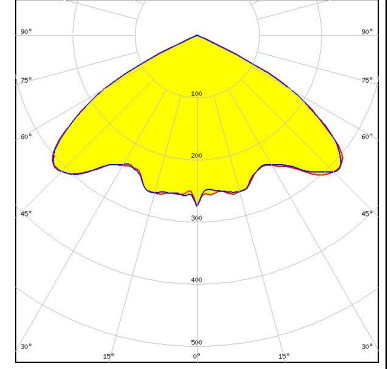
LED LUXEON HL2Z
FWHM / FWTM 120.0° / 132.0°
Efficiency 89 %
Peak intensity 0.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



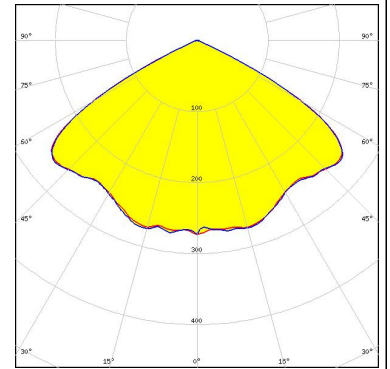
LUMILEDS

LED LUXEON HL2Z
FWHM / FWTM 122.0° / 132.0°
Efficiency 96 %
Peak intensity 0.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

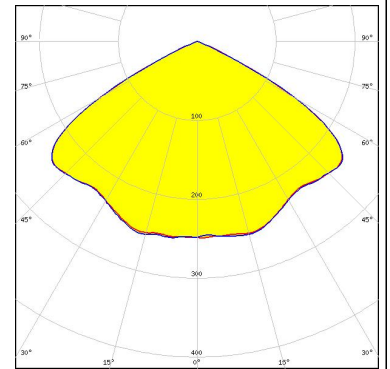
LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM 122.0° / 132.0°
Efficiency 96 %
Peak intensity 0.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM 122.0° / 132.0°
Efficiency 86 %
Peak intensity 0.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

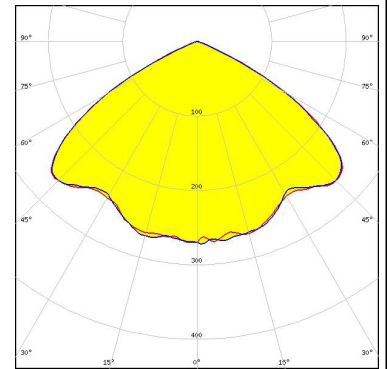


OPTICAL RESULTS (SIMULATED):

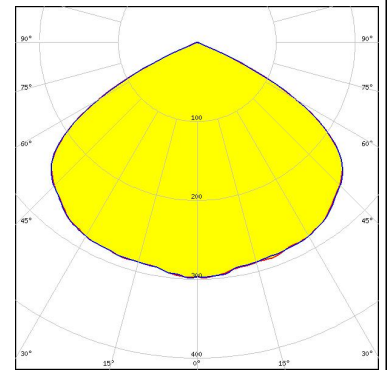


LED NF2x757G
 FWHM / FWTM 120.0° / 134.0°
 Efficiency 89 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

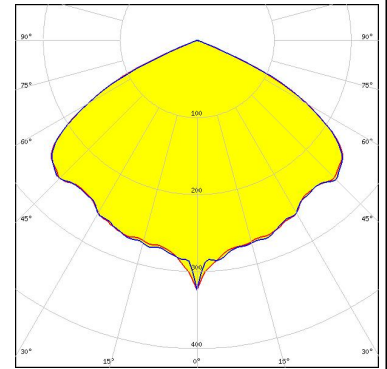
Protective plate, glass



LED NFMW48xA
 FWHM / FWTM 120.0° / 134.0°
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

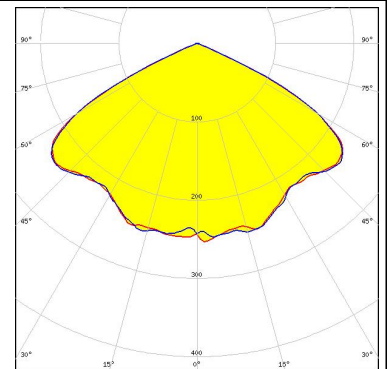


LED NV4WB35AM
 FWHM / FWTM 120.0° / 136.0°
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW319B
 FWHM / FWTM 126.0° / 134.0°
 Efficiency 88 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

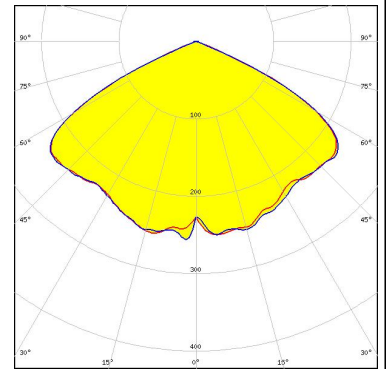
Protective plate, glass



OPTICAL RESULTS (SIMULATED):

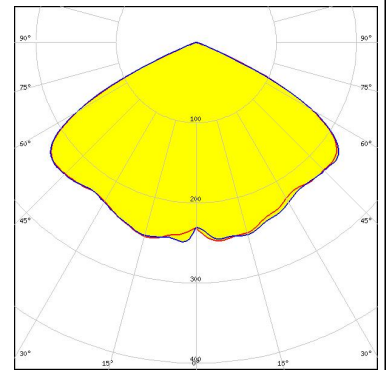


LED NVSW519A
 FWHM / FWTM 126.0° / 136.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

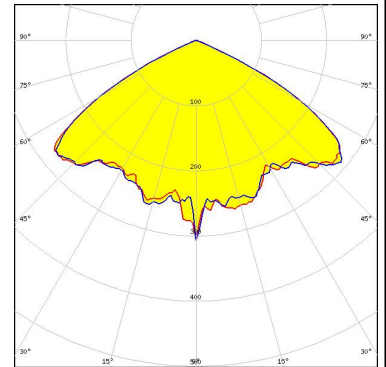


LED NVSW519A
 FWHM / FWTM 125.0° / 136.0°
 Efficiency 89 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

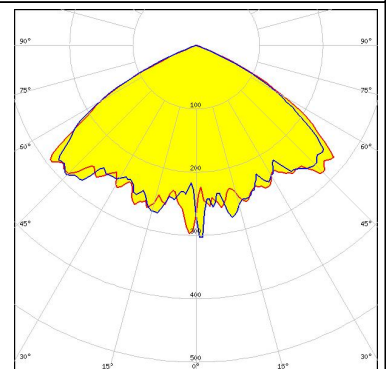
Protective plate, glass



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 122.0° / 132.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED PrevaLED Brick HP 2x8
 FWHM / FWTM 122.0° / 136.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

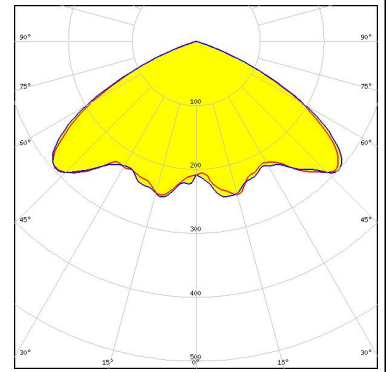


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

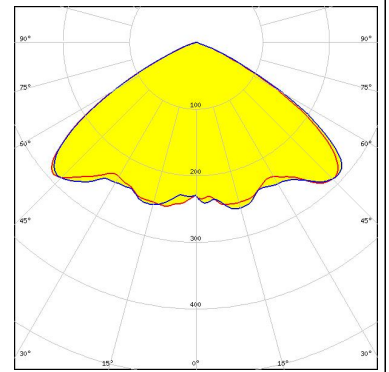
LED OSCONIQ P 3030
FWHM / FWTM 125.0° / 141.0°
Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM / FWTM 114.0° / 134.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

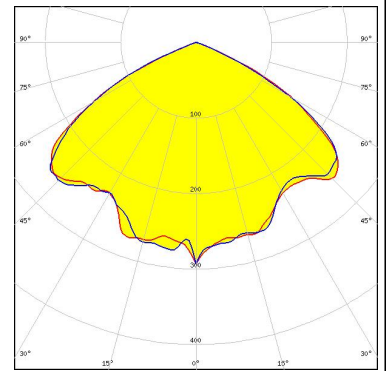


OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 122.0° / 134.0°
Efficiency 89 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

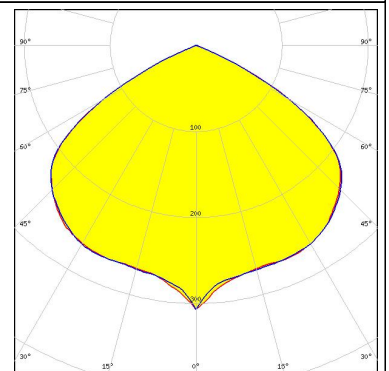
Protective plate, glass



PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE
FWHM / FWTM 116.0° / 132.0°
Efficiency 87 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

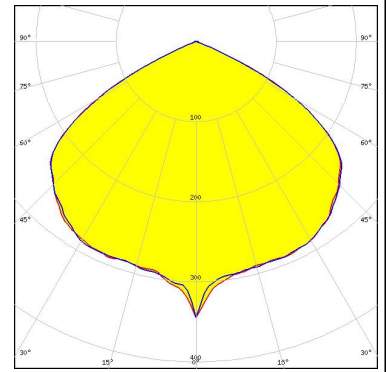
Protective plate, glass



OPTICAL RESULTS (SIMULATED):

PHILIPS

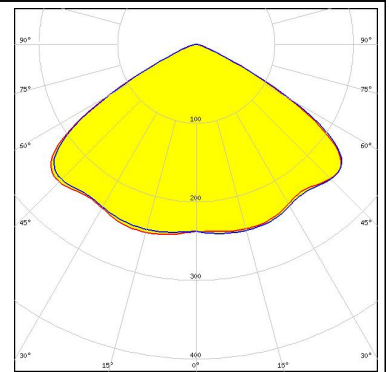
LED Fortimo FastFlex LED 2x8 DA HE
 FWHM / FWTM 116.0° / 132.0°
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

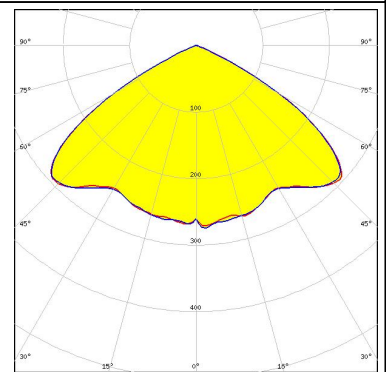
LED HiLOM RH12 Z (LH351C)
 FWHM / FWTM 121.0° / 138.0°
 Efficiency 87 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



SAMSUNG

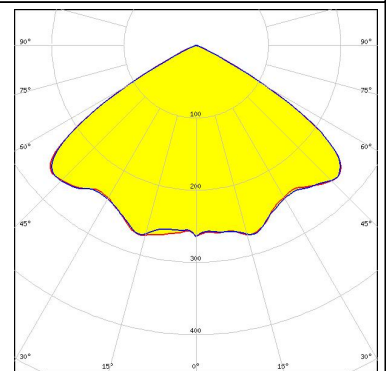
LED LH231B
 FWHM / FWTM 120.0° / 132.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351B
 FWHM / FWTM 118.0° / 130.0°
 Efficiency 89 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

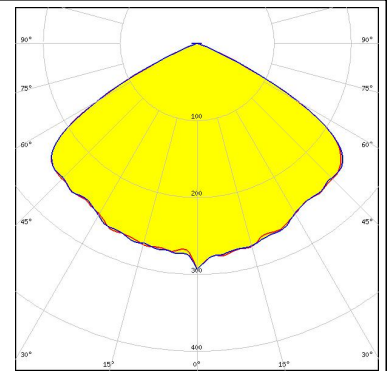
Protective plate, glass



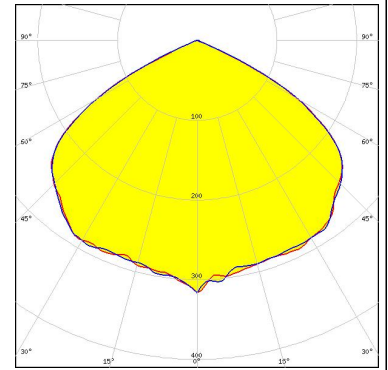
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351D
FWHM / FWTM 120.0° / 134.0°
Efficiency 95 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED MJT 5050
FWHM / FWTM 118.0° / 132.0°
Efficiency 96 %
Peak intensity 0.3 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.

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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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