

STRADA-IP-2X6-VSM

IESNA Type V (square) beam for wide area lighting such as car parks

TECHNICAL SPECIFICATIONS:

Dimensions	173.0 x 71.4 mm
Height	8 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

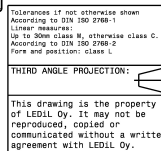


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-IP-2X6-VSM	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15020_STRADA-IP-2X6-VSM	Multi-lens	120	40	40	6.6
» Box size: 476 x 273 x 247 mm					

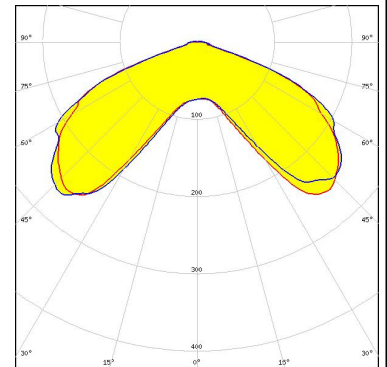


2/17

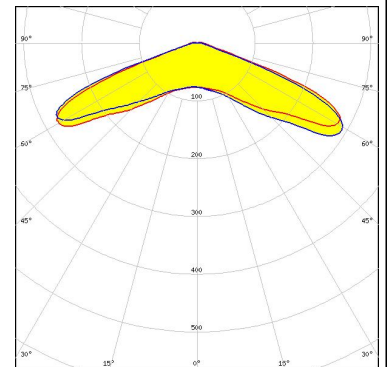
PHOTOMETRIC DATA (MEASURED):



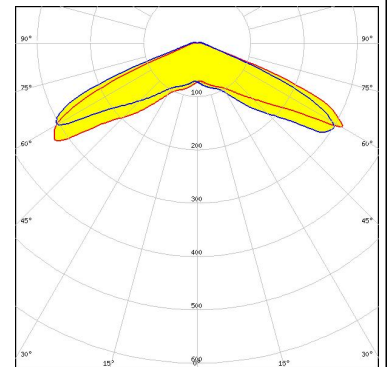
LED Bridgelux SMD 5050
 FWHM 136.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



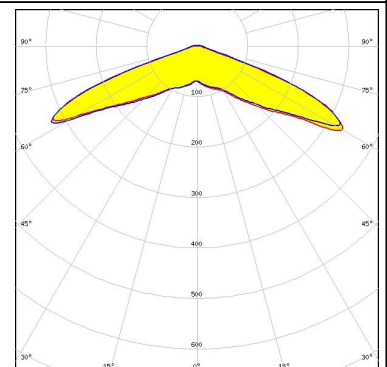
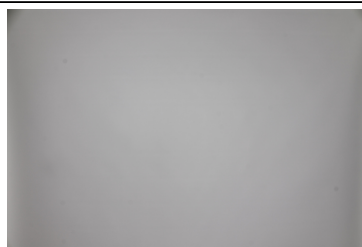
LED QUICK FLUX 2x6 LED XG xxx G7+
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED QUICK FLUX 2x6 LED XT xxx G5
 FWHM 136.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



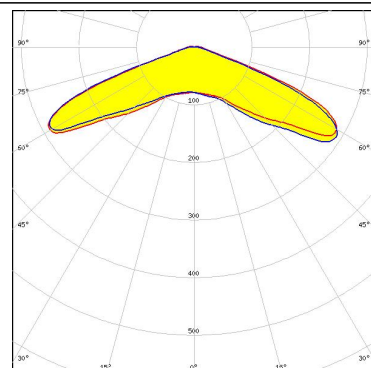
LED XP-G2
 FWHM 140.0°
 Efficiency %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

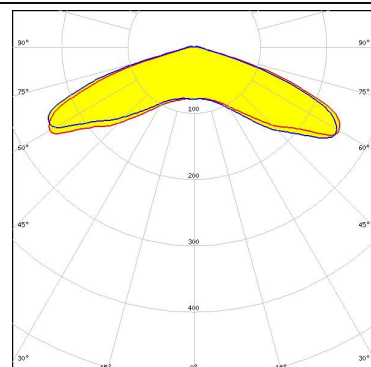
CREE

LED XP-G3
FWHM 141.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



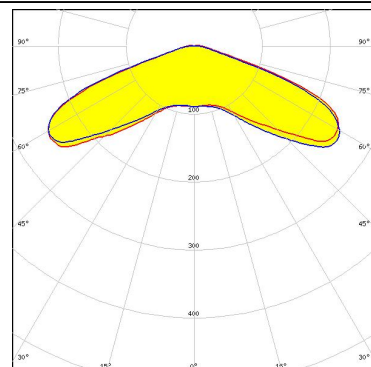
CREE

LED XP-L HD
FWHM 145.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



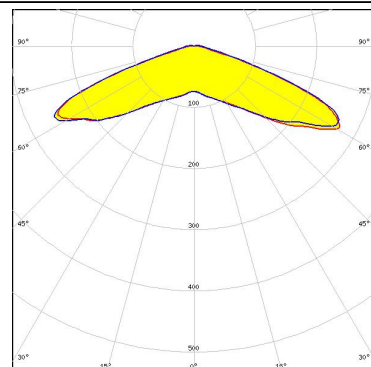
CREE

LED XP-L2
FWHM 142.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

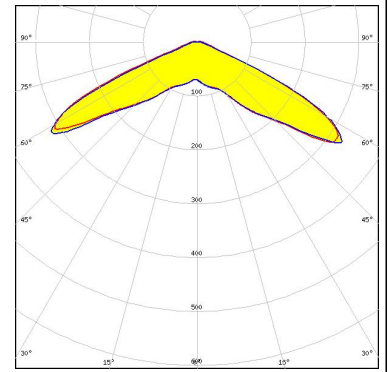
LED XT-E
FWHM 142.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

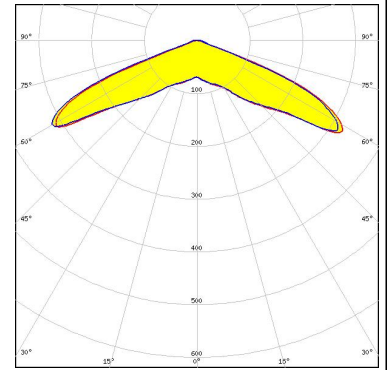
CREE

LED XT-E HE
FWHM 132.0°
Efficiency 94 %
Peak intensity 0.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



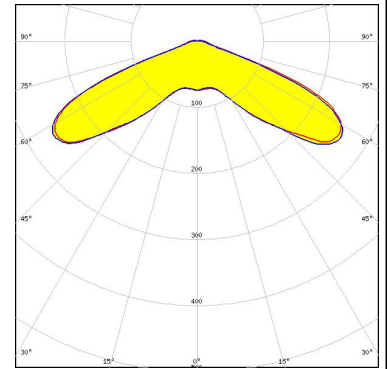
LUMILEDS

LED LUXEON T
FWHM 137.0°
Efficiency 94 %
Peak intensity 0.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



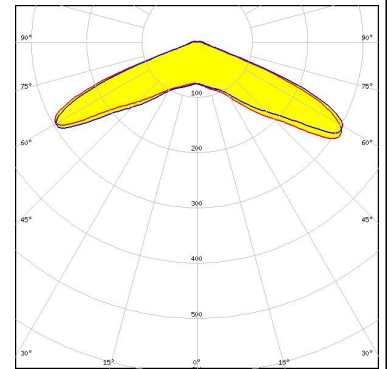
LUMILEDS

LED LUXEON V
FWHM 139.0°
Efficiency 94 %
Peak intensity 0.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

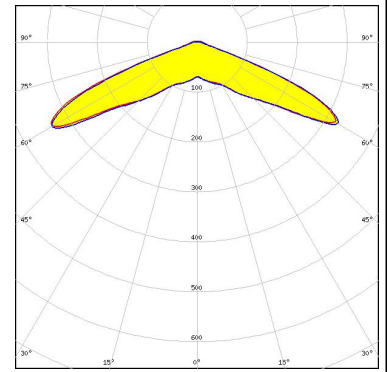
LED LUXEON V2
FWHM 136.0°
Efficiency 94 %
Peak intensity 0.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

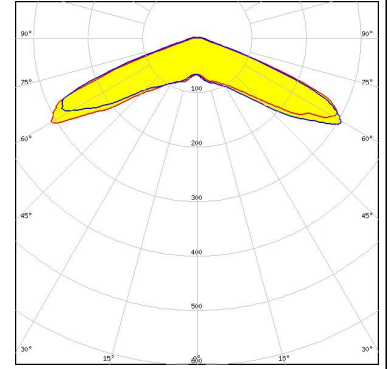
LUMILEDS

LED LUXEON XR-TX (L2T0-xyy012M)
 FWHM 137.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



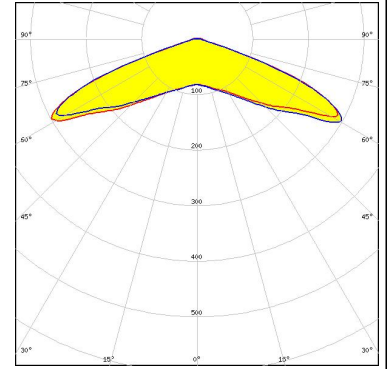
LUMINUS

LED SST-10-B130
 FWHM 138.0°
 Efficiency 96 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



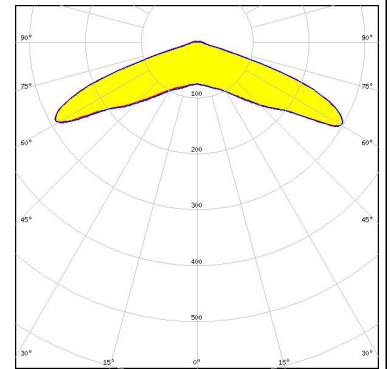
NICHIA

LED NVSW219D
 FWHM 141.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

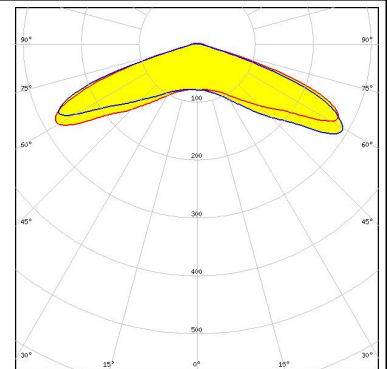
LED NVSW219F
 FWHM 141.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



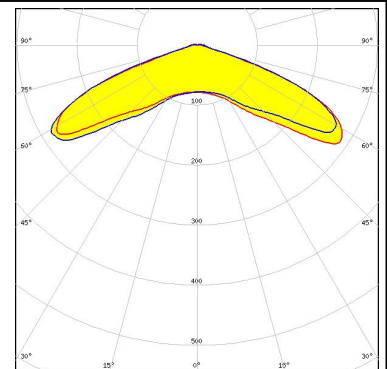
PHOTOMETRIC DATA (MEASURED):



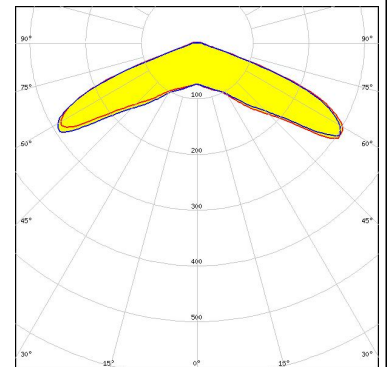
LED NVSW319B
FWHM 145.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



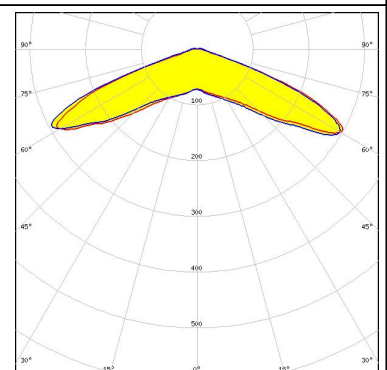
LED NVSW3x9A
FWHM 140.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 140.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED PrevaLED Brick HP 2x6
FWHM 138.0°
Efficiency 97 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

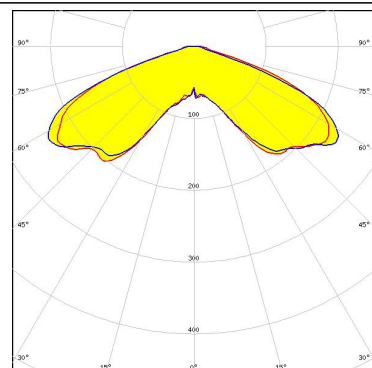
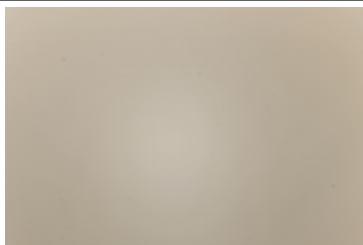


PHOTOMETRIC DATA (MEASURED):

OSRAM

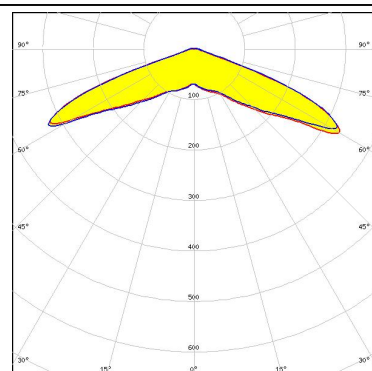
Opto Semiconductors

LED Duris S8
FWHM 137.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



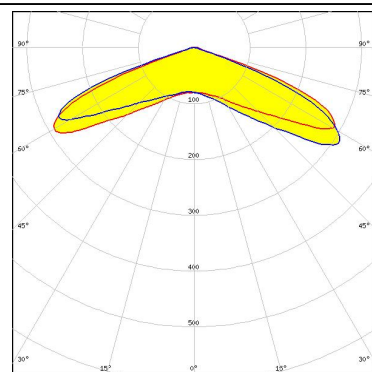
PHILIPS

LED Fortimo FastFlex LED 2x6 DP G4
FWHM 140.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



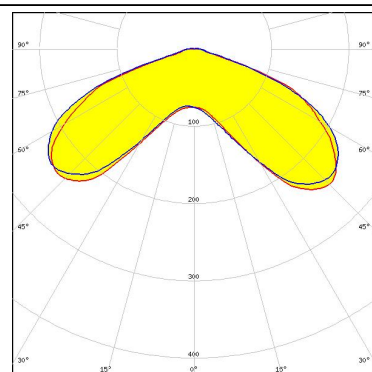
SAMSUNG

LED HiLOM RH12 (LH351C)
FWHM 140.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

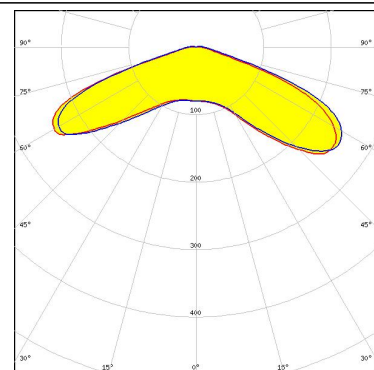
LED HiLOM RM12 ZP (LH502C)
FWHM 138.0°
Efficiency 98 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

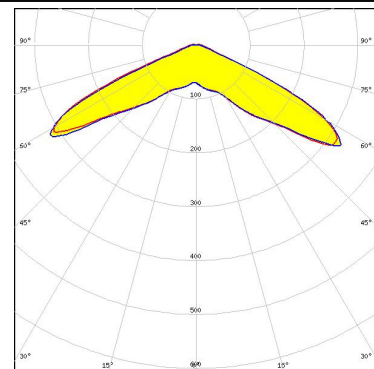
SCIOLUX

LED ROY-S26XPL2 (XP-L2)
 FWHM 141.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



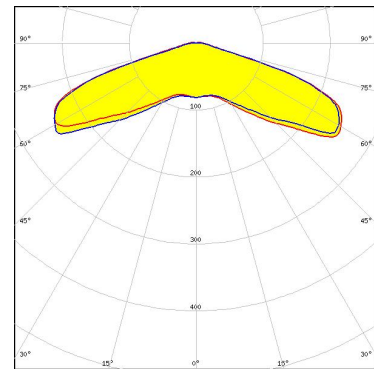
SCIOLUX

LED XLE-S22C4XTEHE (XT-E HE)
 FWHM 132.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



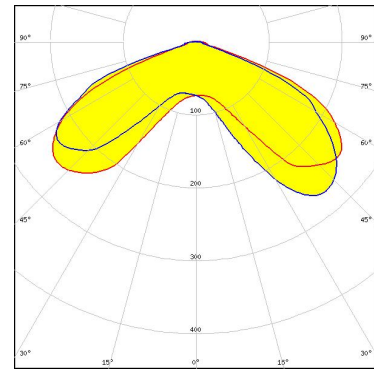
SCIOLUX

LED XLE-S26XHP35 (XHP35 HD)
 FWHM 148.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



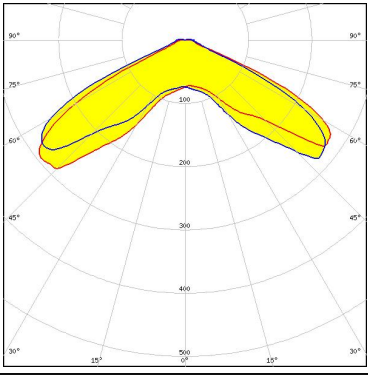

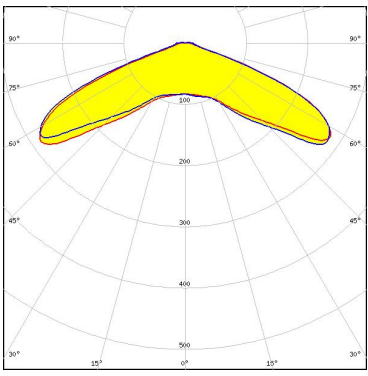

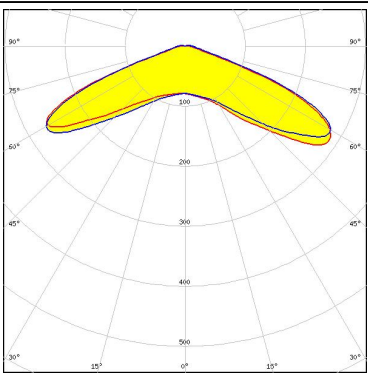


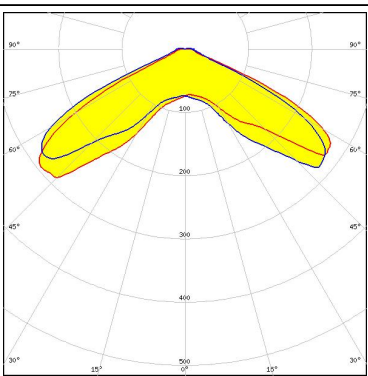


SEOUL SEMICONDUCTOR

LED 2x6 5050 module - SMJD-3625012F-XX
 FWHM 135.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



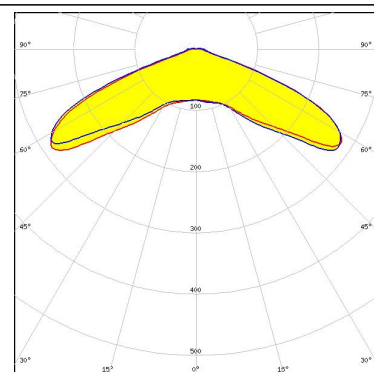
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SMJQ-D36W12Mx</p> <p>FWHM 131.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SMJQ-D36W12Px</p> <p>FWHM 137.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM 141.0°</p> <p>Efficiency 97 %</p> <p>Peak intensity 0.5 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 131.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

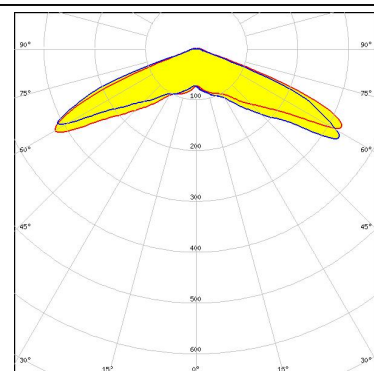


LED Z8Y22P
FWHM 137.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

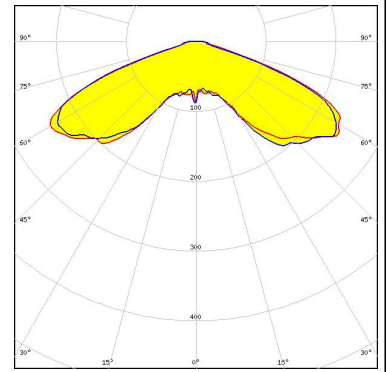
LED RLE 2x6 3000lm HP EXC2 OTD
FWHM 138.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



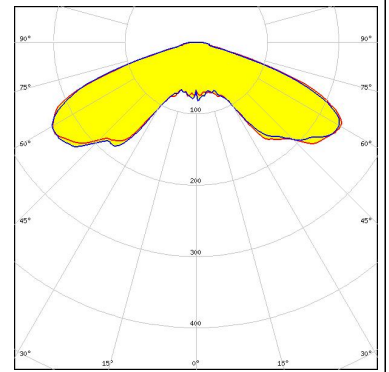
PHOTOMETRIC DATA (SIMULATED):



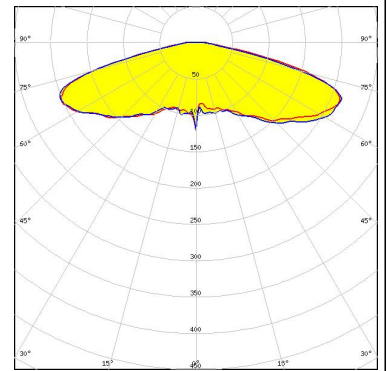
LED J Series 5050
FWHM 141.0°
Efficiency 95 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



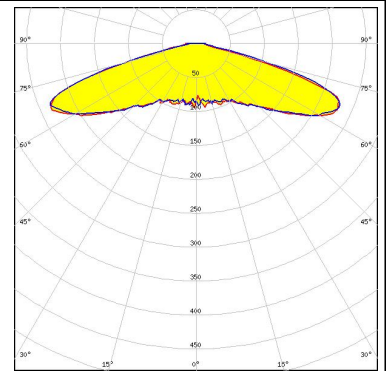
LED J Series 5050
FWHM 143.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HD
FWHM 157.0°
Efficiency 93 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



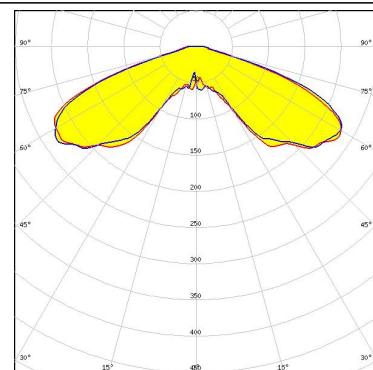
LED XP-G2 HE
FWHM 150.0°
Efficiency 93 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

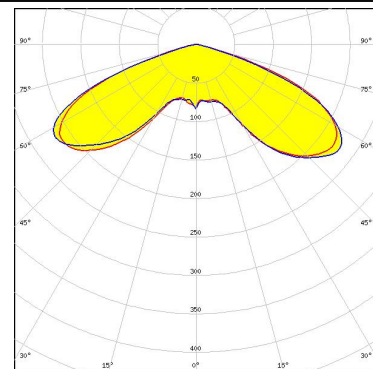
LED LUXEON 5050 Round LES
 FWHM 143.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

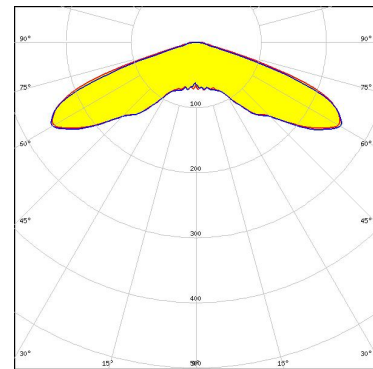
LED LUXEON 5050 Round LES
 FWHM 139.0°
 Efficiency 82 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Transparent protective cover



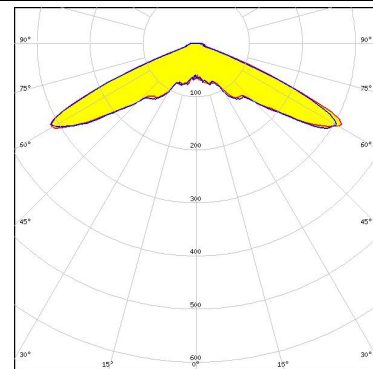
NICHIA

LED NV4WB35AM
 FWHM 143.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSxE21A
 FWHM 136.0°
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

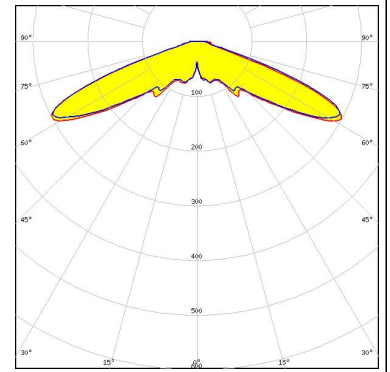


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

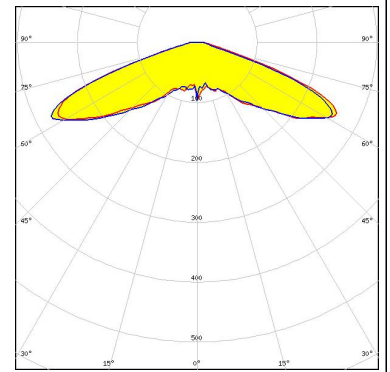
LED OSCONIQ P 3030
FWHM 141.0°
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

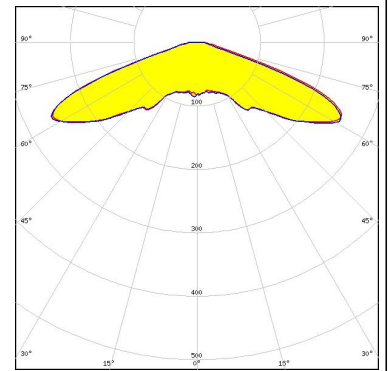
LED OSCONIQ P 3737 (3W version)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

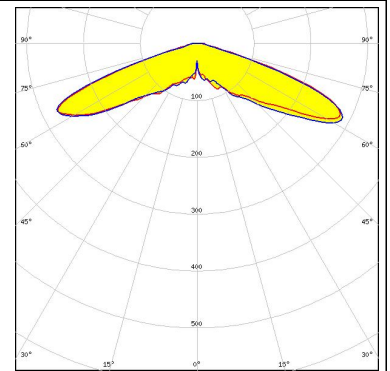
LED OSCONIQ P 3737 (3W version)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM 142.0°
Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

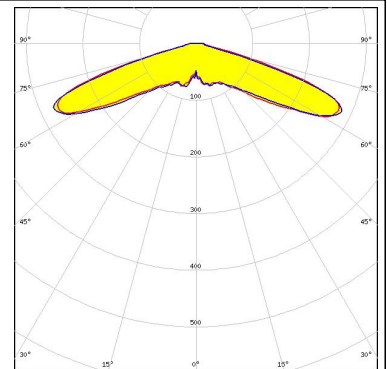


PHOTOMETRIC DATA (SIMULATED):

OSRAM

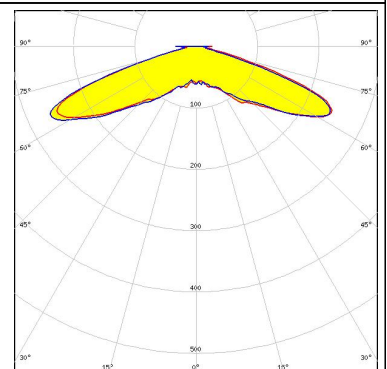
Opto Semiconductors

LED OSLON SSL 150
FWHM 145.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



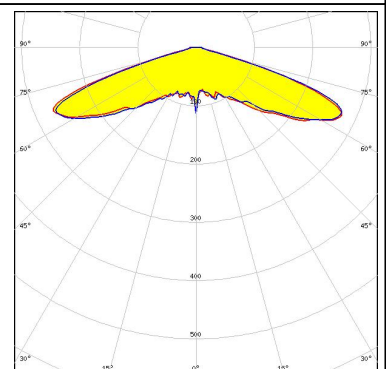
PHILIPS

LED Fortimo FastFlex LED 2x6 DPX G4
FWHM 144.0°
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



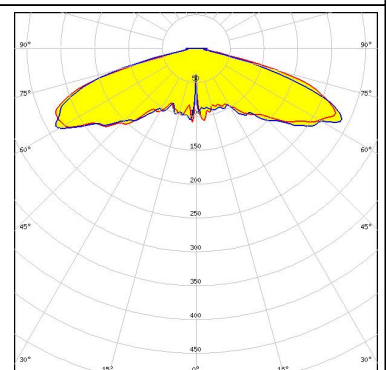
SAMSUNG

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



SAMSUNG

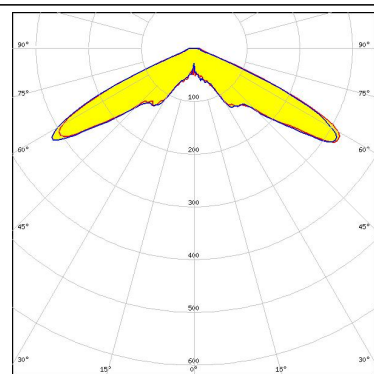
LED LH351D
FWHM 156.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED Z5M1/Z5M2
FWHM 131.0°
Efficiency 92 %
Peak intensity 0.5 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)