

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 ⓘ

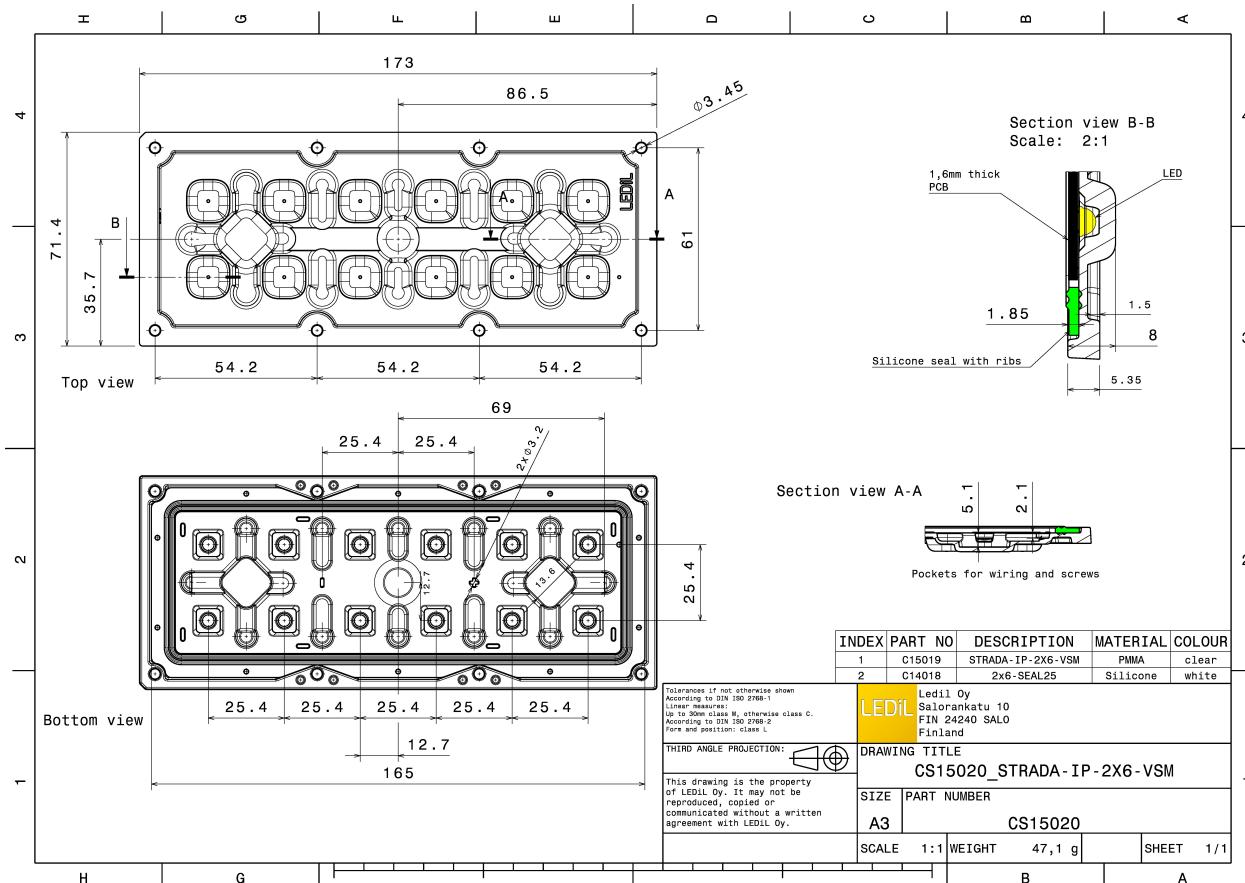
LEDiL®

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 » Box size: 476 x 273 x 247 mm	120	40	40	6.6



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

PHOTOMETRIC DATA (MEASURED):



LED Bridgelux SMD 5050

FWHM / FWTM 136.0° / 146.0°

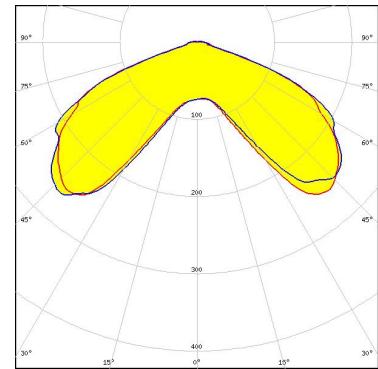
Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED QUICK FLUX 2x6 LED XG xxx G7+

FWHM / FWTM Asymmetric

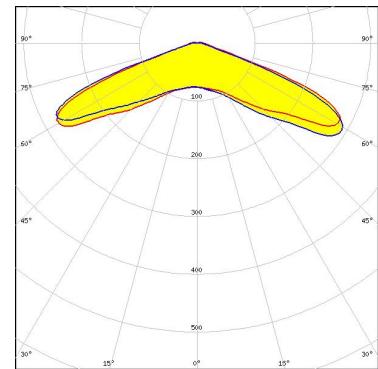
Efficiency 94 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED QUICK FLUX 2x6 LED XT xxx G5

FWHM / FWTM 136.0° / 149.0°

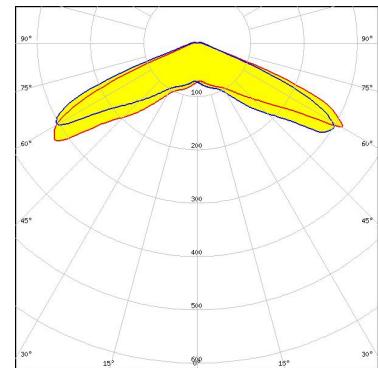
Efficiency 94 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED XP-G2

FWHM / FWTM 140.0° / 146.0°

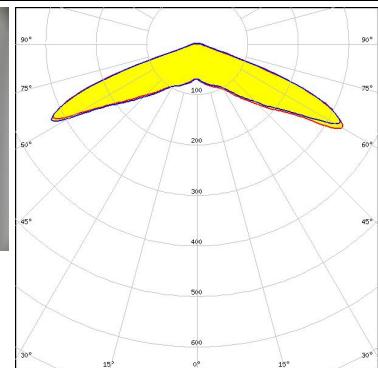
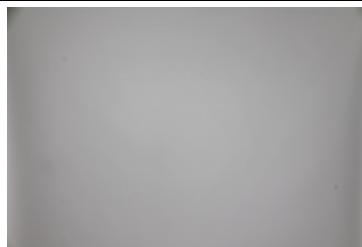
Efficiency %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

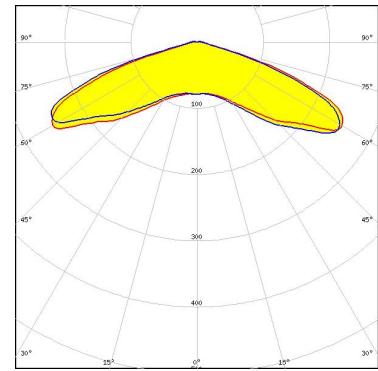
Required components:



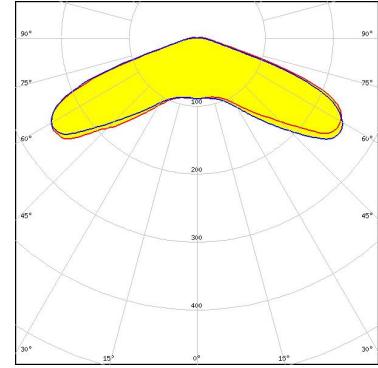
PHOTOMETRIC DATA (MEASURED):



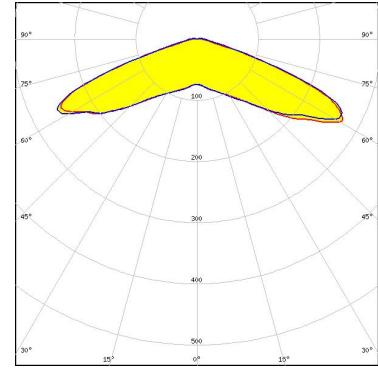
LED XP-L HD
FWHM / FWTM 145.0° / 154.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



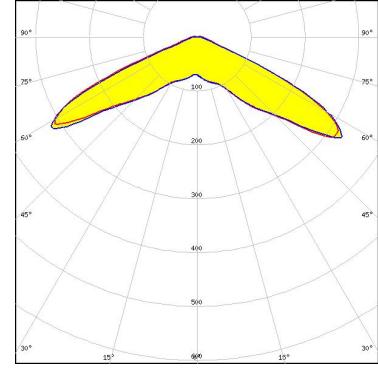
LED XP-L2
FWHM / FWTM 142.0° / 159.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM / FWTM 142.0° / 158.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



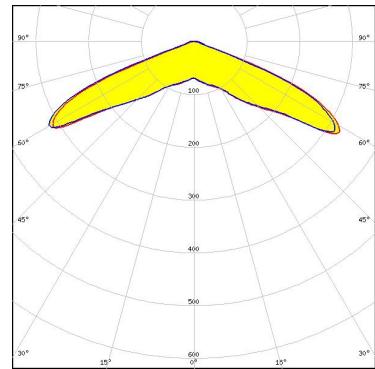
LED XT-E HE
FWHM / FWTM 132.0° / 145.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

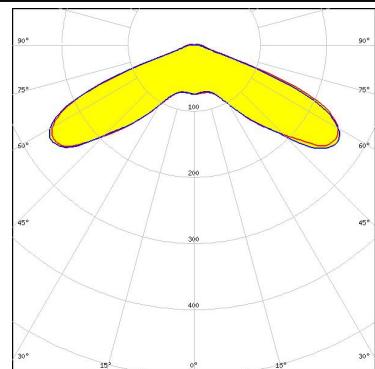
LUMILEDS

LED LUXEON T
 FWHM / FWTM 137.0° / 142.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



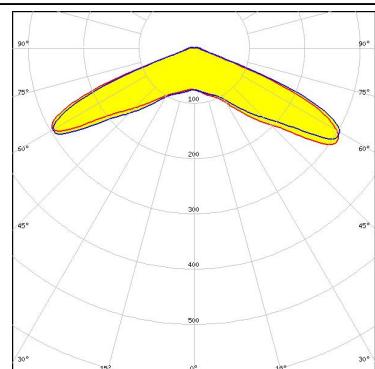
LUMILEDS

LED LUXEON V
 FWHM / FWTM 139.0° / 149.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



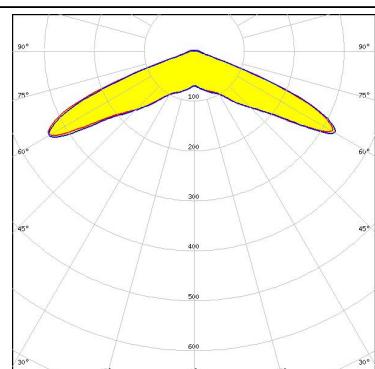
LUMILEDS

LED LUXEON V2
 FWHM / FWTM 136.0° / 144.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

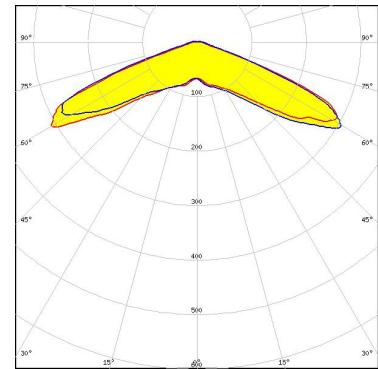
LED LUXEON XR-TX (L2T0-xxyy012M)
 FWHM / FWTM 137.0° / 145.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



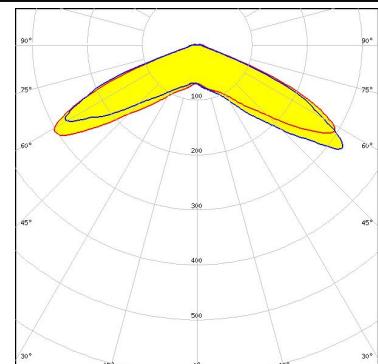
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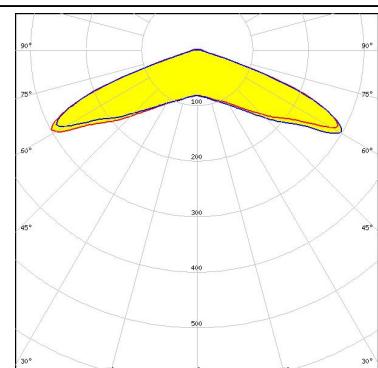
LED SST-10-B130
 FWHM / FWTM 138.0° / 146.0°
 Efficiency 96 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



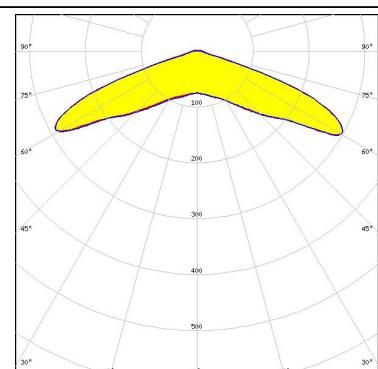
LED RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW219D
 FWHM / FWTM 141.0° / 150.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



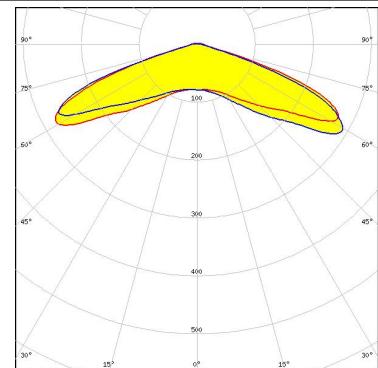
LED NVSW219F
 FWHM / FWTM 141.0° / 147.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



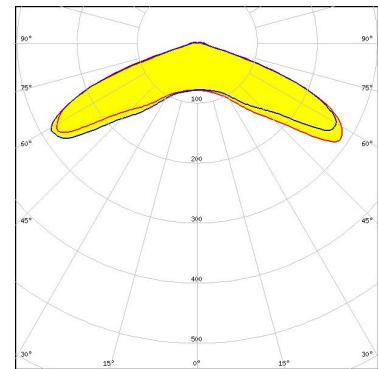
PHOTOMETRIC DATA (MEASURED):



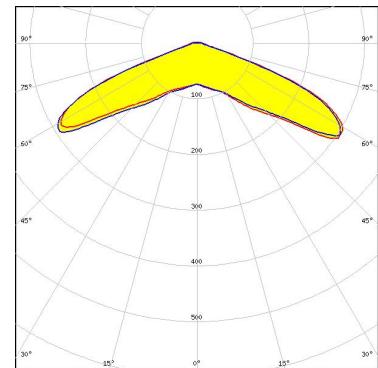
LED NVSW319B
FWHM / FWTM 145.0° / 153.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



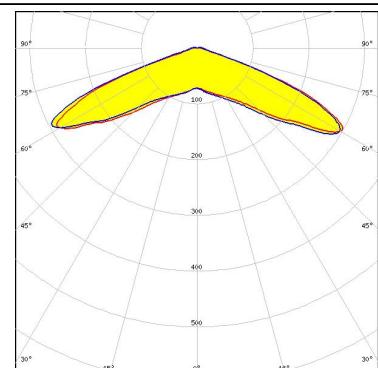
LED NVSW3x9A
FWHM / FWTM 140.0° / 149.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 140.0° / 149.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED PrevaLED Brick HP IP 2x6
FWHM / FWTM 138.0° / 146.0°
Efficiency 97 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



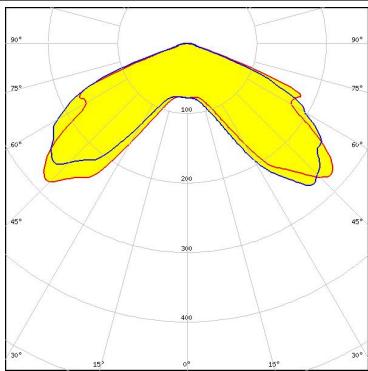
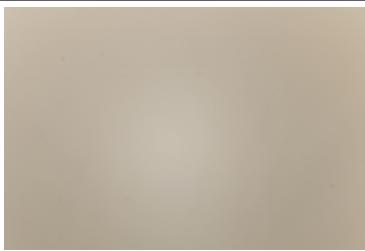
PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED	Duris S8
FWHM / FWTM	137.0° / 148.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

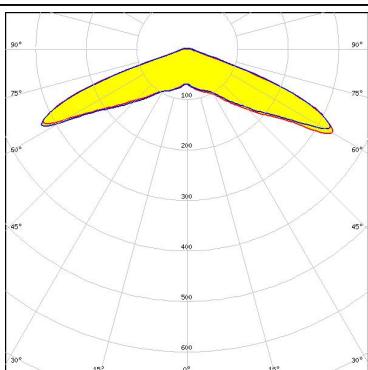
Required components:



PHILIPS

LED	Fortimo FastFlex LED 2x6 DP G4
FWHM / FWTM	140.0° / 146.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

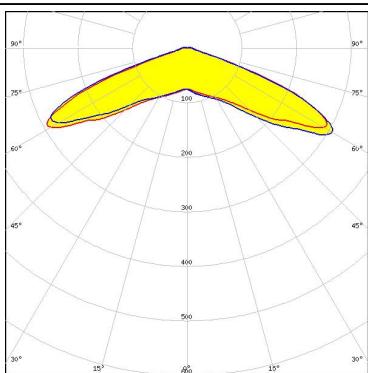
Required components:



PHILIPS

LED	Fortimo FastFlex LED 2x6 DP G5
FWHM / FWTM	139.0° / 148.0°
Efficiency	97 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

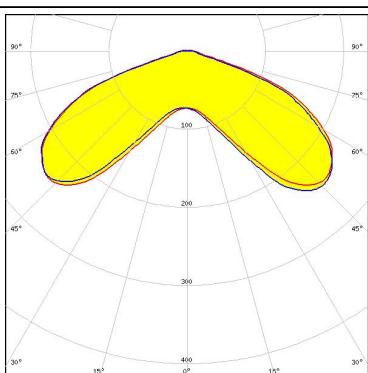
Required components:



PHILIPS

LED	Fortimo FastFlex LED 2x6 DP HE
FWHM / FWTM	138.0° / 150.0°
Efficiency	98 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED HiLUM RM12 ZP (LH502C)

FWHM / FWTM 138.0° / 150.0°

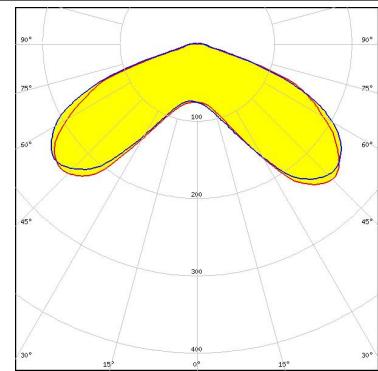
Efficiency 98 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SCIO LUX

LED BALAM-VP-5250-750-36

FWHM / FWTM 134.0° / 147.0°

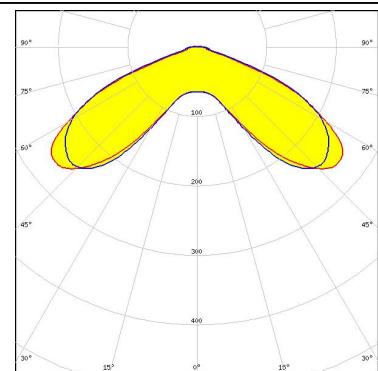
Efficiency 97 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SCIO LUX

LED ROY-S26XPL2 (XP-L2)

FWHM / FWTM 141.0° / 158.0°

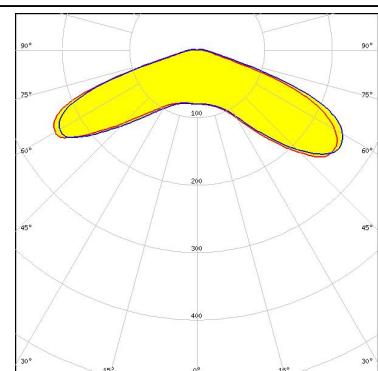
Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SCIO LUX

LED XLE-S22C4XTEHE (XT-E HE)

FWHM / FWTM 132.0° / 145.0°

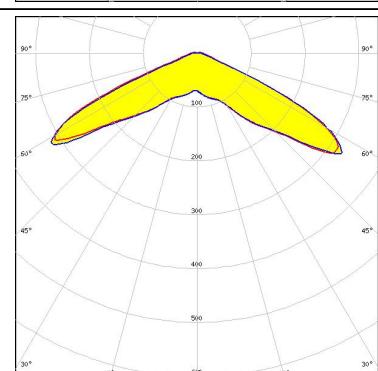
Efficiency 94 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



PHOTOMETRIC DATA (MEASURED):



LED XLE-S26XHP35 (XHP35 HD)

FWHM / FWTM 148.0° / 160.0°

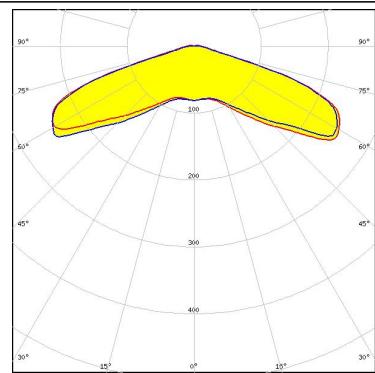
Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED 2x6 5050 module - SMJD-3625012F-XX

FWHM / FWTM 135.0° / 146.0°

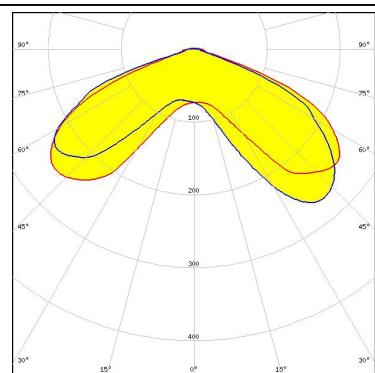
Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED SMJQ-D36W12Mx

FWHM / FWTM 131.0° / 141.0°

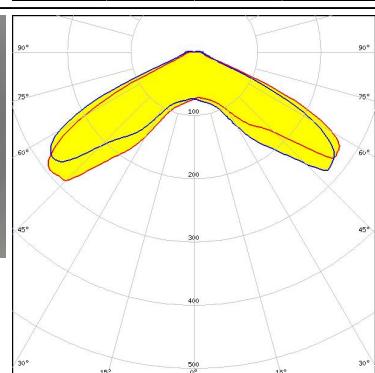
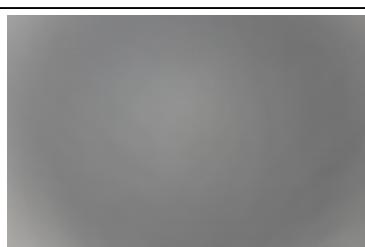
Efficiency 94 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED SMJQ-D36W12Px

FWHM / FWTM 137.0° / 146.0°

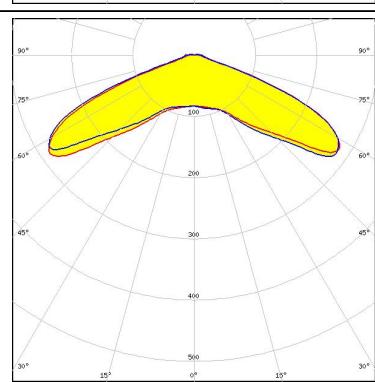
Efficiency 94 %

Peak intensity 0.5 cd/lm

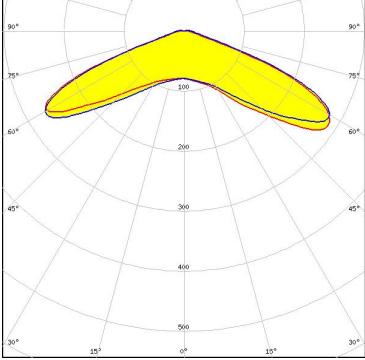
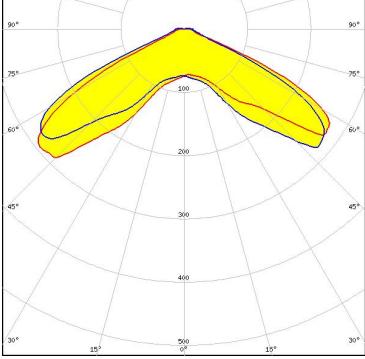
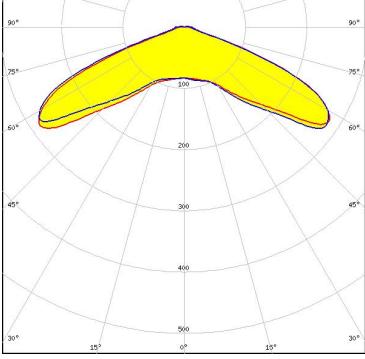
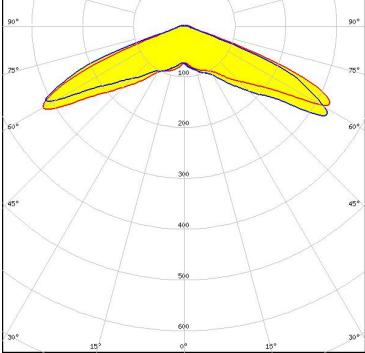
LEDs/each optic 1

Light colour White

Required components:



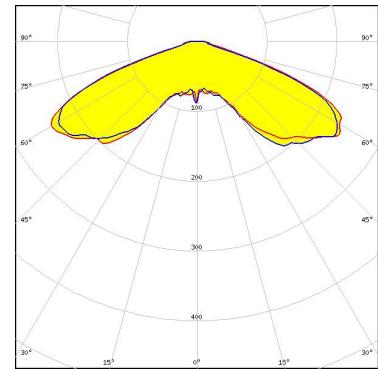
PHOTOMETRIC DATA (MEASURED):

<p>SEoul SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 141.0° / 154.0°</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 / FWTM 131.0° / 141.0°</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 Z8Y22P</p> <p>FWHM / FWTM 137.0° / 146.0°</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>TRIDONIC</p> <p>LED RLE 2x6 3000lm HP EXC2 OTD</p> <p>FWHM / FWTM 138.0° / 144.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

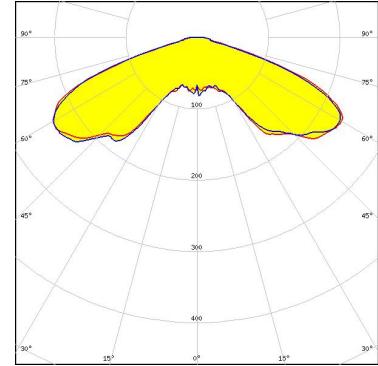
PHOTOMETRIC DATA (SIMULATED):



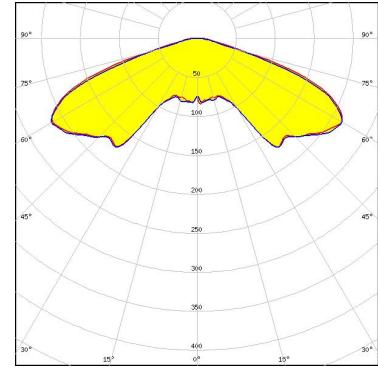
LED	J Series 5050 Round LES
FWHM / FWTM	141.0° / 153.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



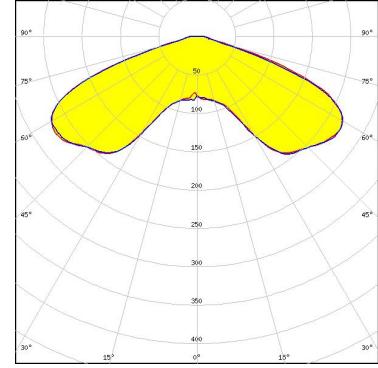
LED	J Series 5050 Round LES
FWHM / FWTM	143.0° / 156.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	J Series 5050 Square LES 30V
FWHM / FWTM	143.0° / 159.0°
Efficiency	90 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	J Series 5050 Square LES 6V
FWHM / FWTM	142.0° / 155.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

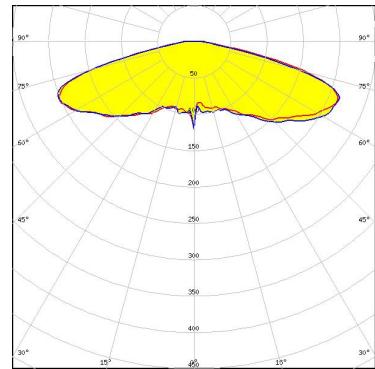


PHOTOMETRIC DATA (SIMULATED):



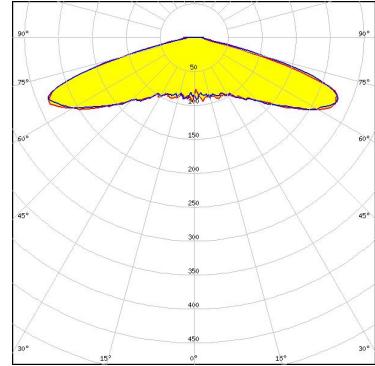
LED	XHP35 HD
FWHM / FWTM	157.0° / 171.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



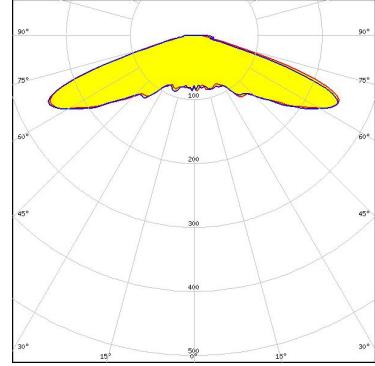
LED	XP-G2 HE
FWHM / FWTM	150.0° / 161.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	XP-G3
FWHM / FWTM	146.0° / 167.0°
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

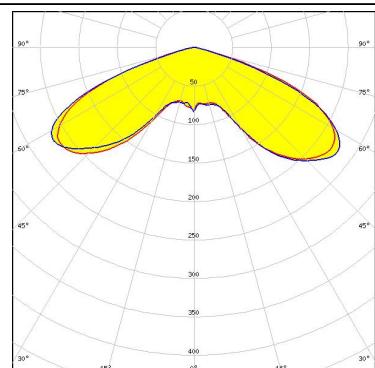
Required components:



LED	LUXEON 5050 Round LES
FWHM / FWTM	139.0° / 152.0°
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

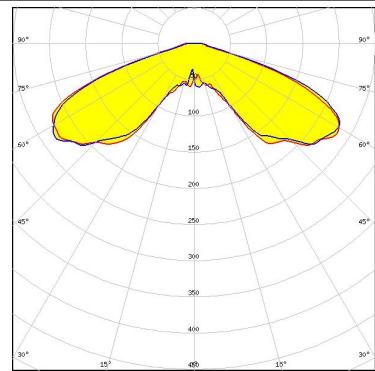
Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

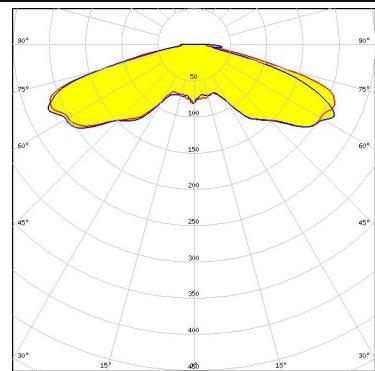
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM / FWTM 143.0° / 156.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



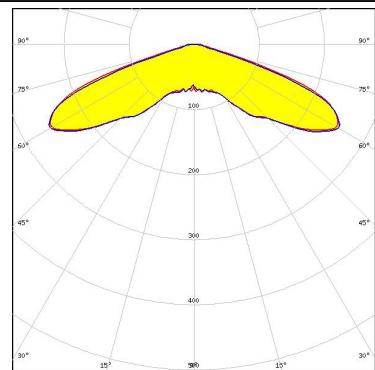
LUMILEDS

LED LUXEON C
 FWHM / FWTM 150.0° / 168.0°
 Efficiency 91 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



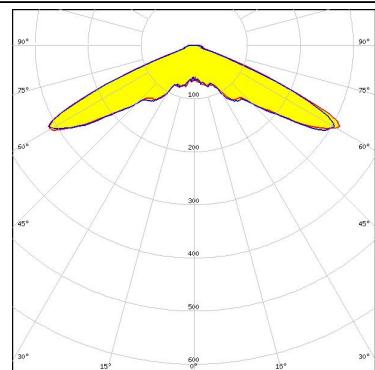
NICHIA

LED NV4WB35AM
 FWHM / FWTM 143.0° / 154.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSxE21A
 FWHM / FWTM 136.0° / 145.0°
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSONIQ P 3030

FWHM / FWTM 141.0° / 154.0°

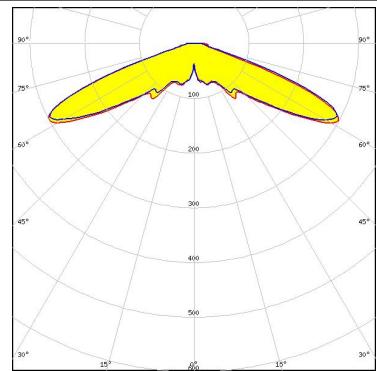
Efficiency 95 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED OSONIQ P 3737 (3W version)

FWHM / FWTM Asymmetric

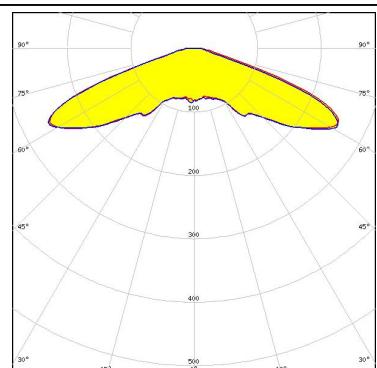
Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED OSONIQ P 3737 (3W version)

FWHM / FWTM Asymmetric

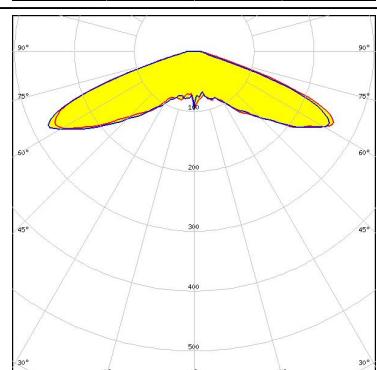
Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 143.0° / 155.0°

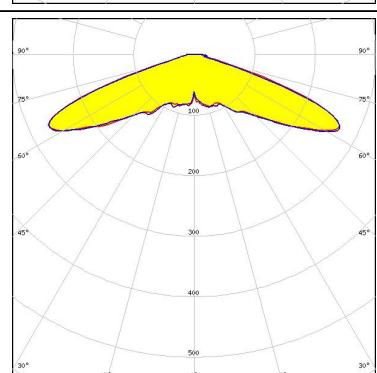
Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



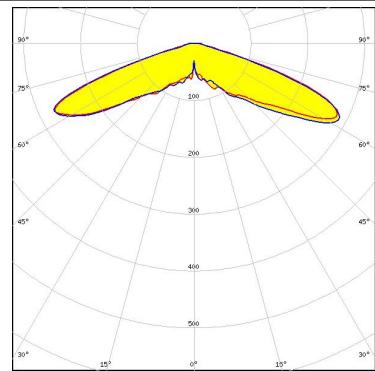
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	142.0° / 156.0°
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

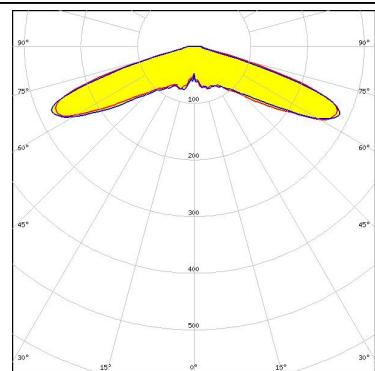


OSRAM

Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	145.0° / 157.0°
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

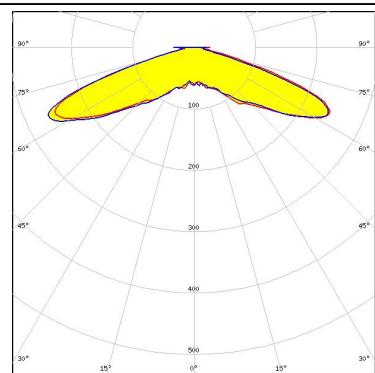
Required components:



PHILIPS

LED	Fortimo FastFlex LED 2x6 DPX G4
FWHM / FWTM	144.0° / 158.0°
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

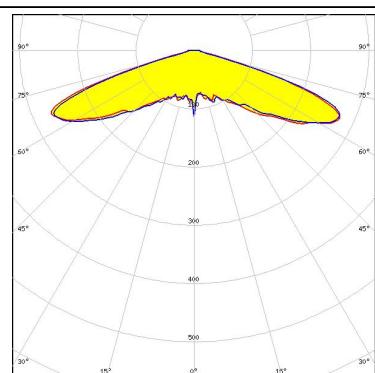
Required components:



SAMSUNG

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

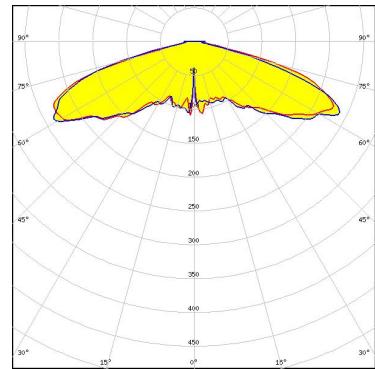
Required components:



PHOTOMETRIC DATA (SIMULATED):

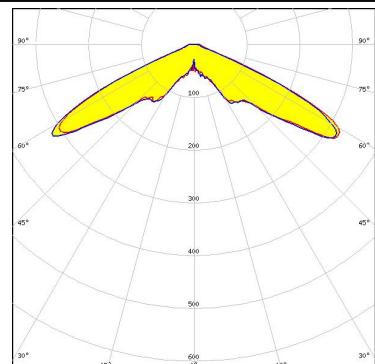
SAMSUNG

LED LH351D
 FWHM / FWTM 156.0° / 164.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



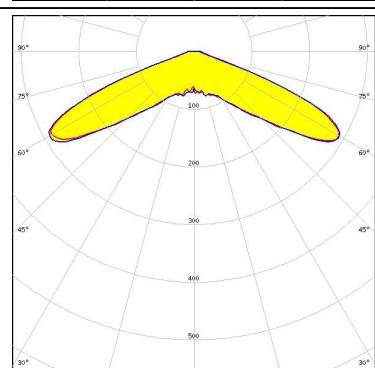
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 131.0° / 140.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 138.0° / 150.0°
 Efficiency 95 %
 Peak intensity 0.4 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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