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:

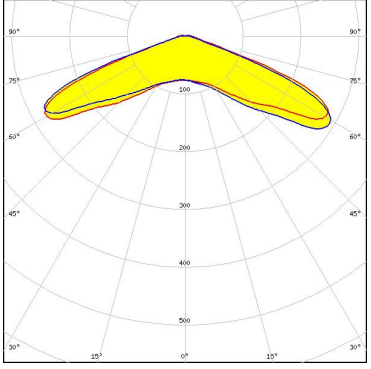| Component	Type	Material	Colour	Finish
STRADA-IP-2X6-VSM	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:
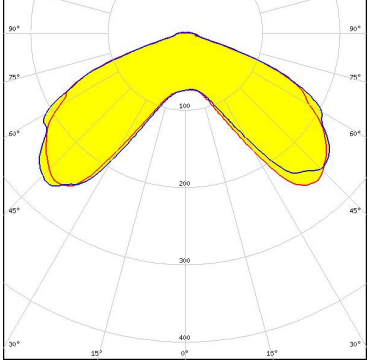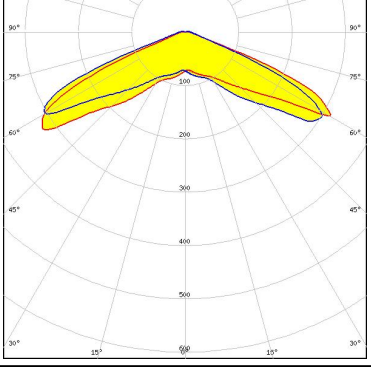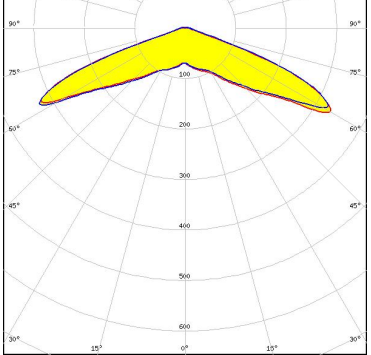
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15020_STRADA-IP-2X6-VSM	Multi-lens	120	40	40	6.6

» Box size: 476 x 273 x 247 mm

Top view

173
86.5
⌀3.45
71.4
35.7
61
B
A
A
54.2 54.2 54.2

Section view B-B
Scale: 2:1

1,6mm thick PCB
LED
1.85
1.5
8
Silicone seal with ribs
5.35

Bottom view

69
25.4 25.4
2x⌀3.2
12.7
13.6
25.4
25.4 25.4 25.4 25.4 25.4
12.7
165

Section view A-A

5.1
2.1
Pockets for wiring and screws

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15019	STRADA-IP-2X6-VSM	PMMA	clear
2	C14018	2x6-SEAL25	Silicone	white

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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DRAWING TITLE
CS15020_STRADA-IP-2X6-VSM

SIZE	PART NUMBER
A3	CS15020

| SCALE | 1:1 | WEIGHT | 47,1 g | SHEET | 1/1 |

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

PHOTOMETRIC DATA (MEASURED):

bridgelux	
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:	

COMET ELECTRONICS	
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:	

COMET ELECTRONICS	
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:	

CREE⇌LED	
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):

CREE⇔LED	
LED	XP-G3
FWHM / FWTM	141.0° / 153.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
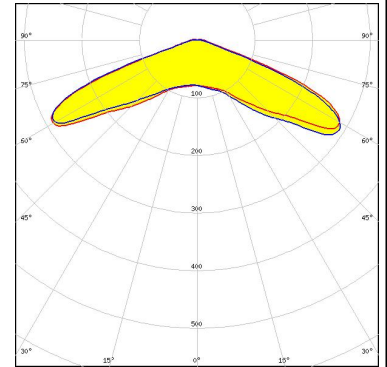
CREE⇔LED	
LED	XP-L HD
FWHM / FWTM	145.0° / 154.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
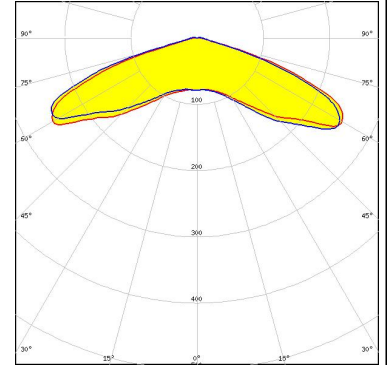
CREE⇔LED	
LED	XP-L2
FWHM / FWTM	142.0° / 159.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
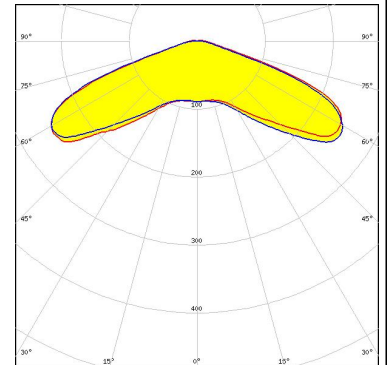
CREE⇔LED	
LED	XT-E
FWHM / FWTM	142.0° / 158.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
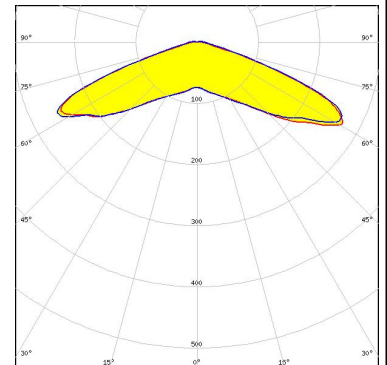
PHOTOMETRIC DATA (MEASURED):

CREE⇆LED	
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:	
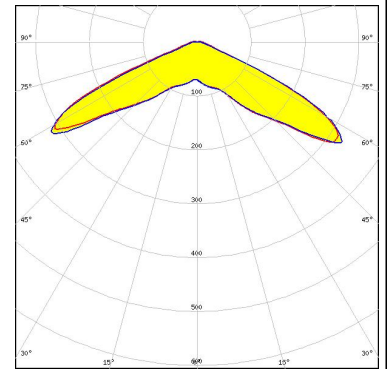
LUMILEDS	
LED	LUXEON T
FWHM / FWTM	137.0° / 142.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
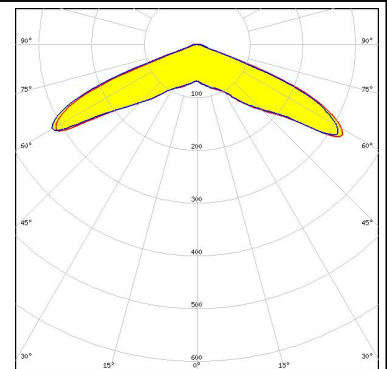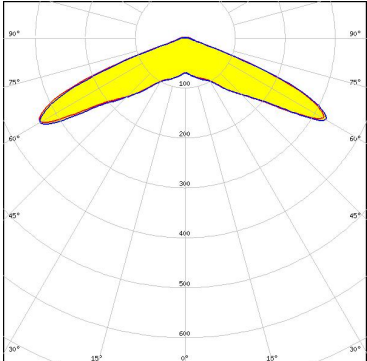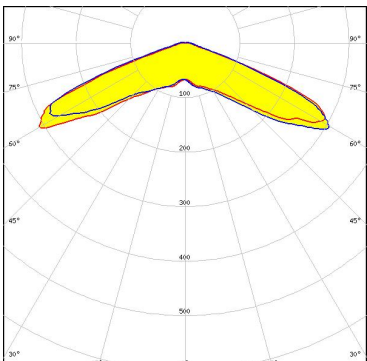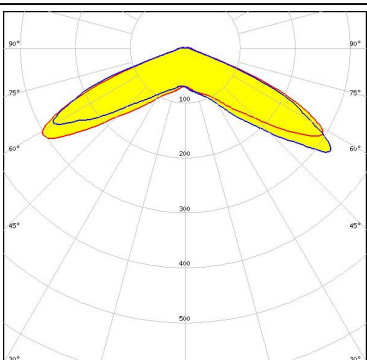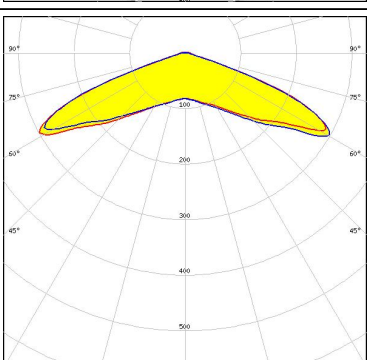
LUMILEDS	
LED	LUXEON V
FWHM / FWTM	139.0° / 149.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
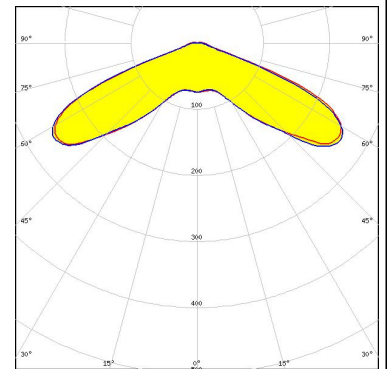
LUMILEDS	
LED	LUXEON V2
FWHM / FWTM	136.0° / 144.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

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:	

LUMINUS

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:	

MST | Your solutions

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:	

NICHIA

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:	

PHOTOMETRIC DATA (MEASURED):

	NICHIA	
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:		
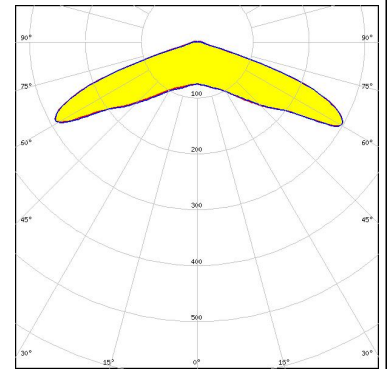
	NICHIA	
LED	NVSW319B	
FWHM / FWTM	145.0° / 153.0°	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
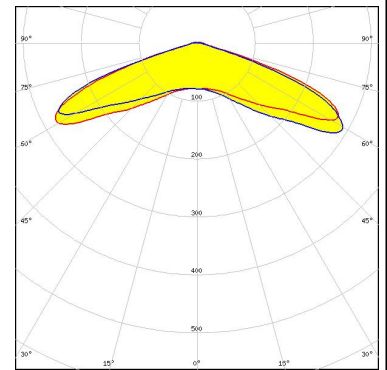
	NICHIA	
LED	NVSW3x9A	
FWHM / FWTM	140.0° / 149.0°	
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
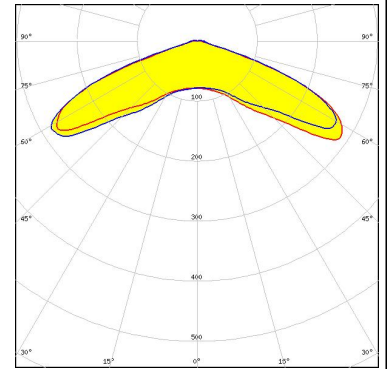
	NICHIA	
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	140.0° / 149.0°	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
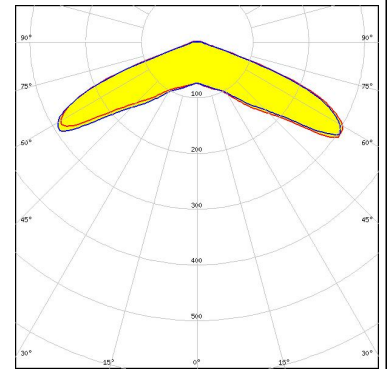
PHOTOMETRIC DATA (MEASURED):

OSRAM

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:	

OSRAM
Opto Semiconductors
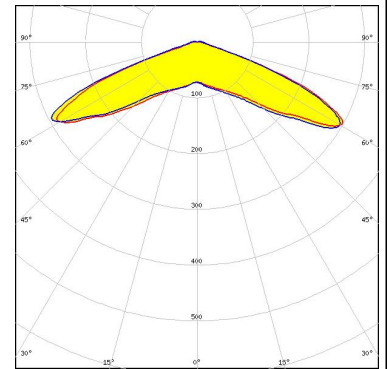
LED	Duris S8
FWHM / FWTM	137.0° / 148.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
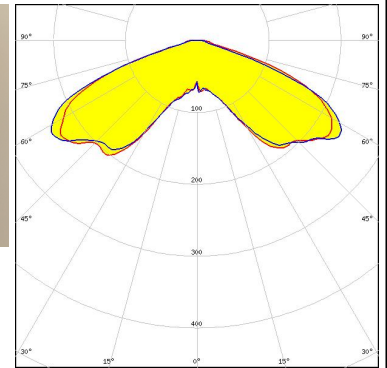
PHILIPS

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:	
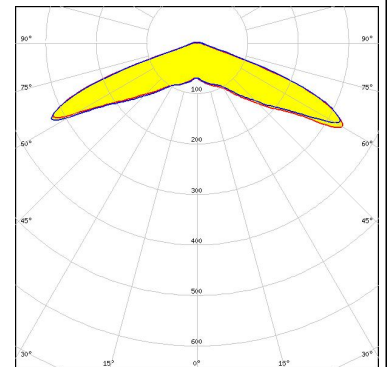
PHILIPS

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:	
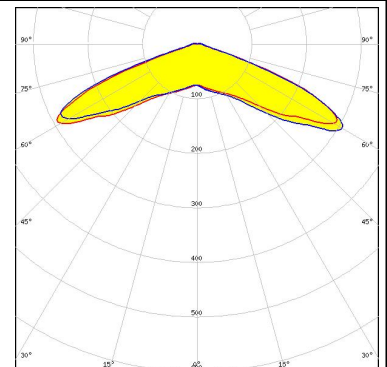
PHOTOMETRIC DATA (MEASURED):

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:	
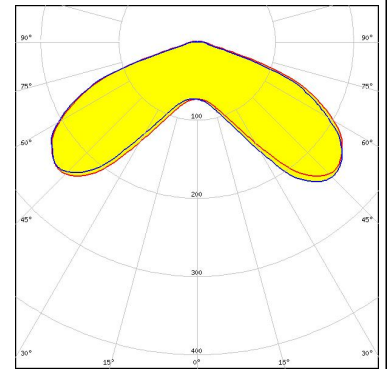
SAMSUNG

LED	HiLOM 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:	
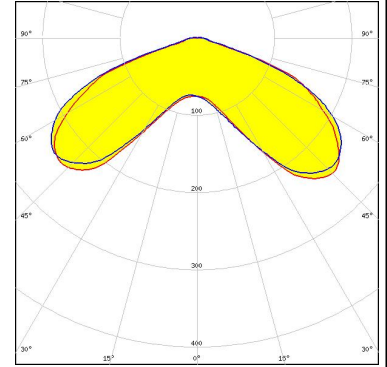
SCIOLUX

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:	
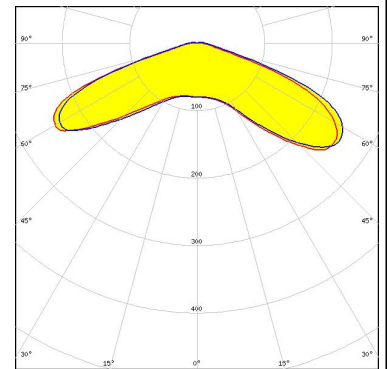
SCIOLUX

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:	
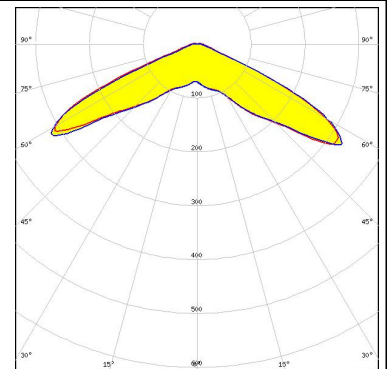
PHOTOMETRIC DATA (MEASURED):

SCIOLUX

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:	
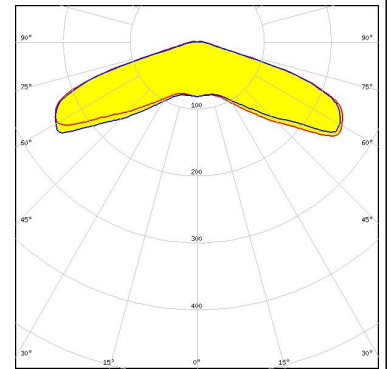
SEOUL SEMICONDUCTOR

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:	
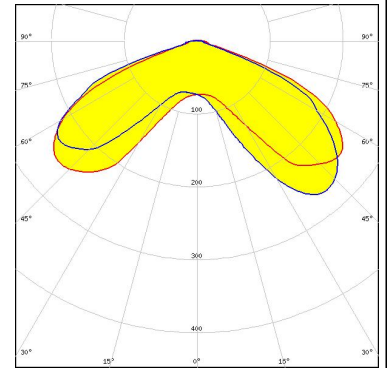
SEOUL SEMICONDUCTOR

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:	
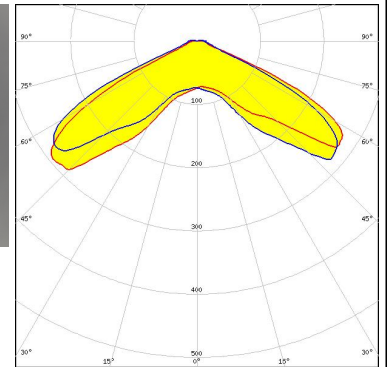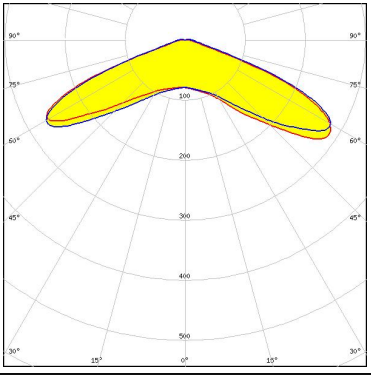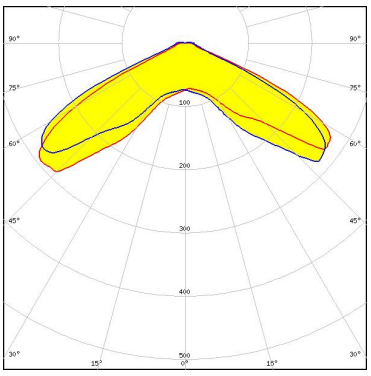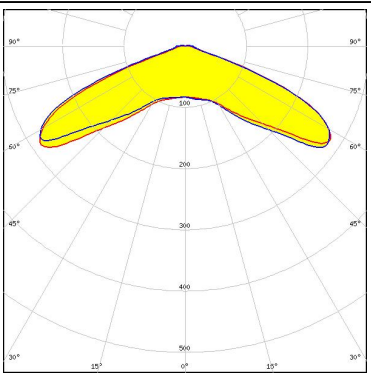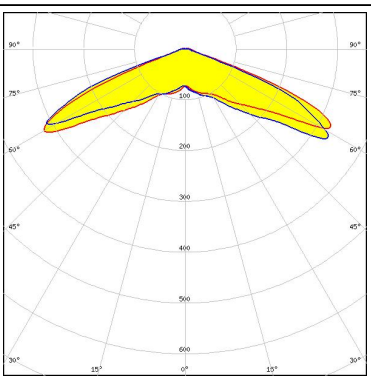
SEOUL SEMICONDUCTOR

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):

LED	Z5M3
FWHM / FWTM	141.0° / 154.0°
Efficiency	97 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	Z8Y22
FWHM / FWTM	131.0° / 141.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	Z8Y22P
FWHM / FWTM	137.0° / 146.0°
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 / FWTM	138.0° / 144.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE LED	
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:	
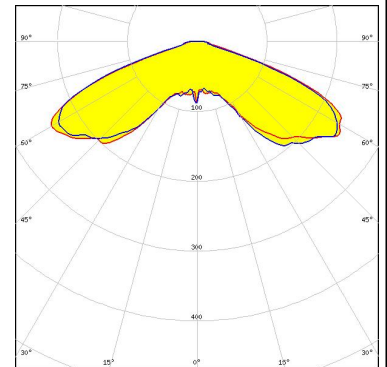
CREE LED	
LED	J Series 5050 Round LES
FWHM / FWTM	143.0° / 156.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
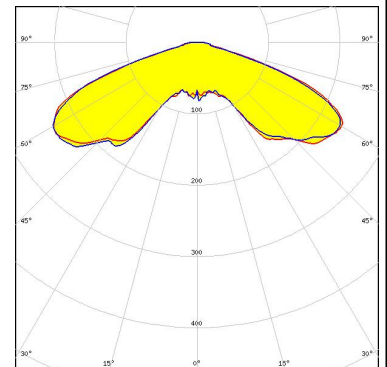
CREE LED	
LED	J Series 5050 Square LES
FWHM / FWTM	142.0° / 155.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
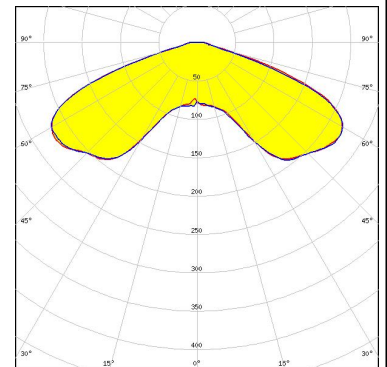
CREE LED	
LED	XHP35 HD
FWHM / FWTM	157.0° / 171.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
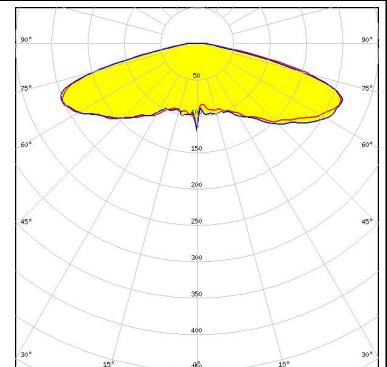
PHOTOMETRIC DATA (SIMULATED):

CREE LED

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:	

LUMILEDS
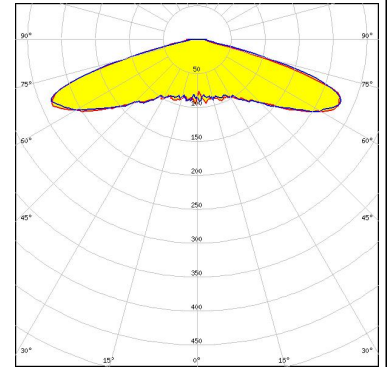
LED	LUXEON 5050 Round LES
FWHM / FWTM	139.0° / 152.0°
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Protective plate, glass	

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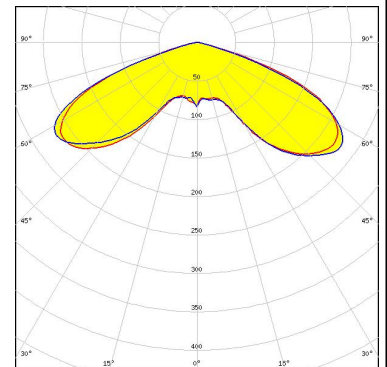
LED	LUXEON 5050 Round LES
FWHM / FWTM	143.0° / 156.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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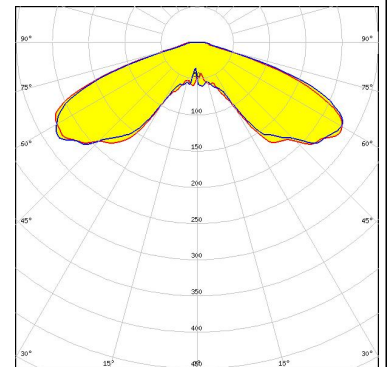
LED	NV4WB35AM
FWHM / FWTM	143.0° / 154.0°
Efficiency	95 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
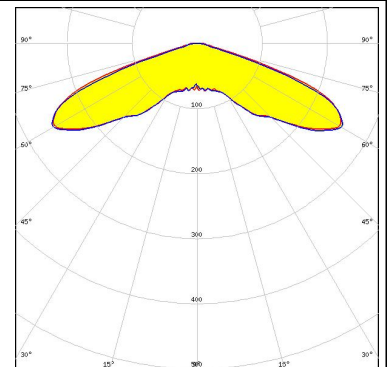
PHOTOMETRIC DATA (SIMULATED):

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:	

OSRAM Opto Semiconductors

LED	OSCONIQ 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	OSCONIQ 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	OSCONIQ P 3737 (3W version)
FWHM / FWTM	Asymmetric
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:	
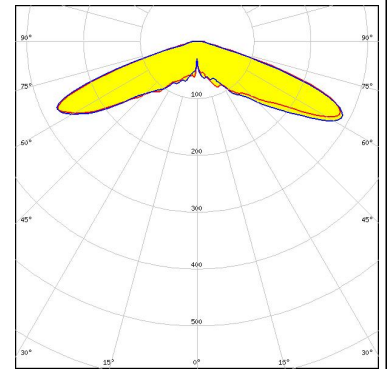
OSRAM Opto Semiconductors

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:	
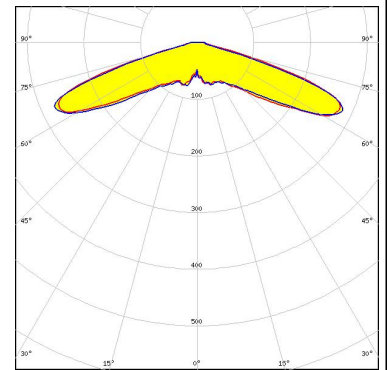
PHILIPS

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:	
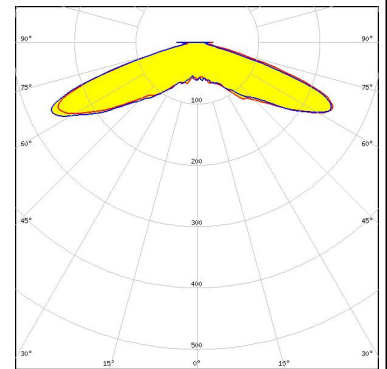
SAMSUNG

LED	LH351C
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
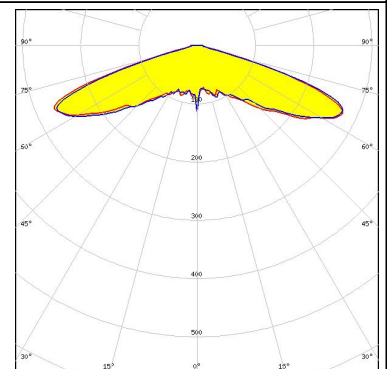
PHOTOMETRIC DATA (SIMULATED):

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:	
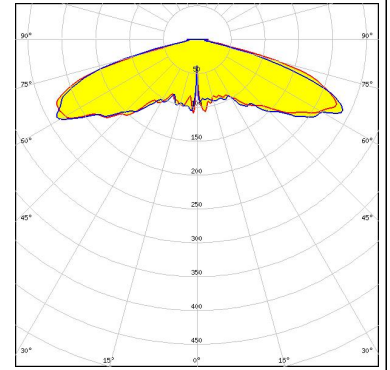
SEOUL SEMICONDUCTOR

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:	
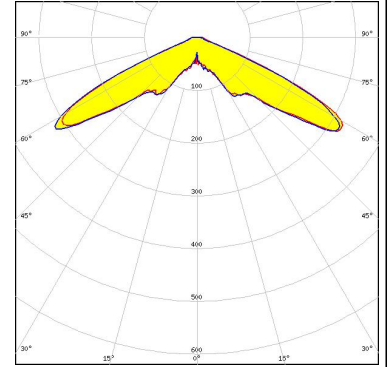
SEOUL SEMICONDUCTOR

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:	