STRADA-IP-2X6-VSM

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



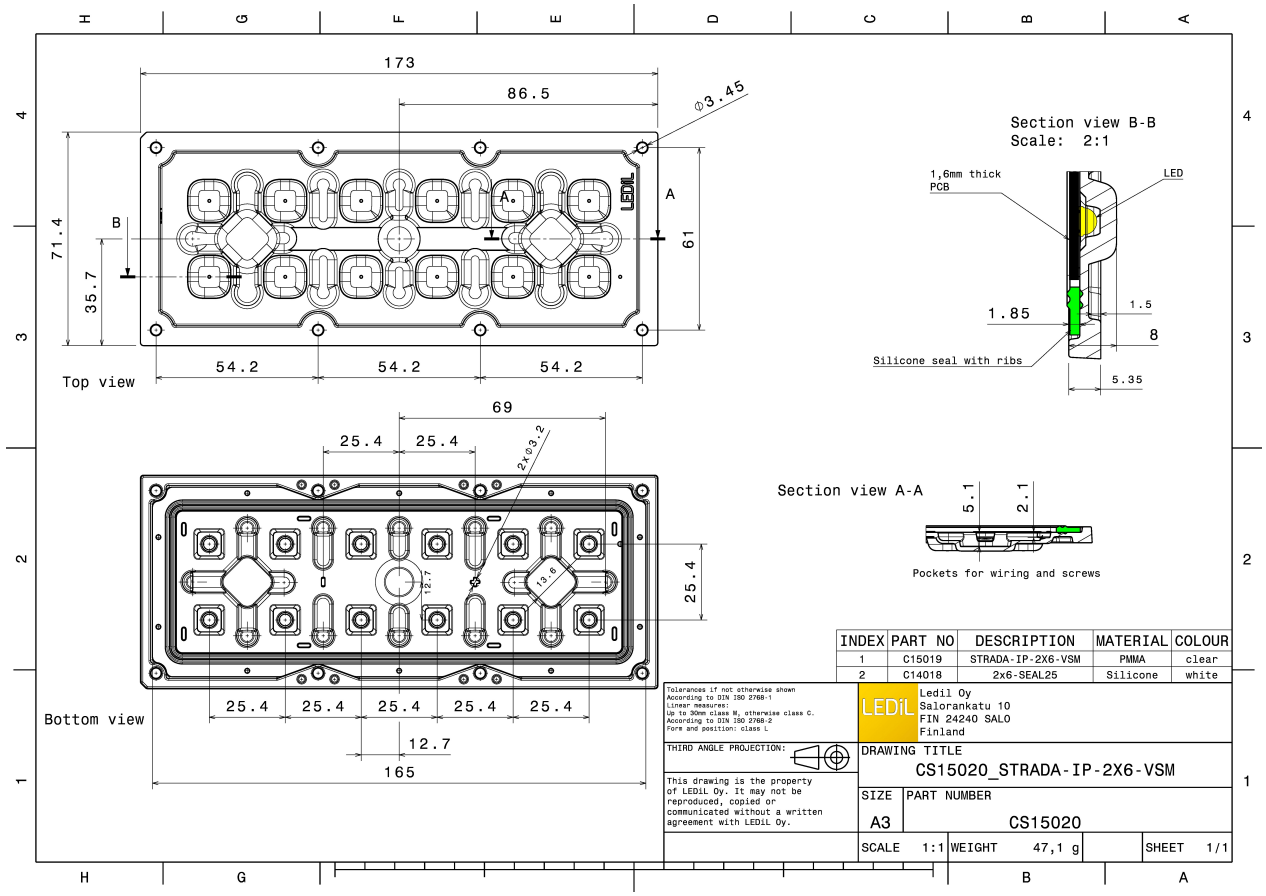
TECHNICAL SPECIFICATIONS:

Dimensions	173 + 71.4 mm
Height	8 mm
Fastening	screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	6.6 kg
Quantity in Box	120 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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

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

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

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
CS15020_STRADA-IP-2X6-VSM

SIZE A3 | PART NUMBER CS15020

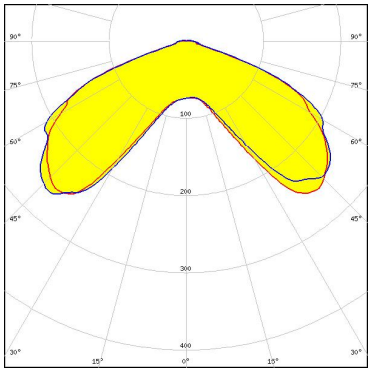
SCALE 1:1 | WEIGHT 47,1 g | SHEET 1/1

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PHOTOMETRIC DATA (MEASURED):

bridgelux

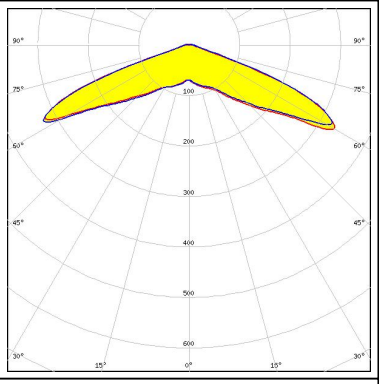
LED	SMD 5050
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.350 cd/lm
Required components:	



CREE

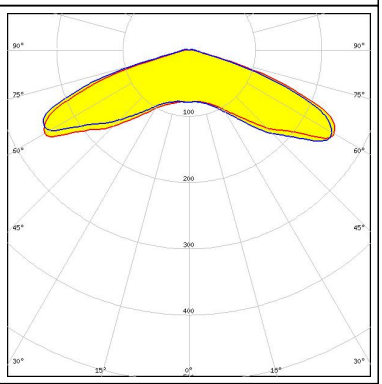
LED	XP-G2
FWHM	140.0°
Efficiency	%
Peak intensity	0.550 cd/lm
Required components:	





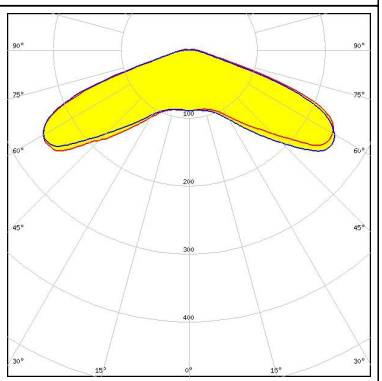
CREE

LED	XP-L
FWHM	145.0°
Efficiency	94 %
Peak intensity	0.410 cd/lm
Required components:	



CREE

LED	XP-L2
FWHM	142.0°
Efficiency	94 %
Peak intensity	0.380 cd/lm
Required components:	

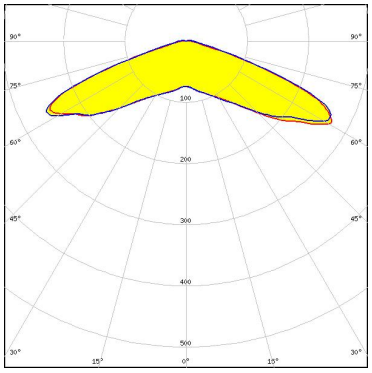


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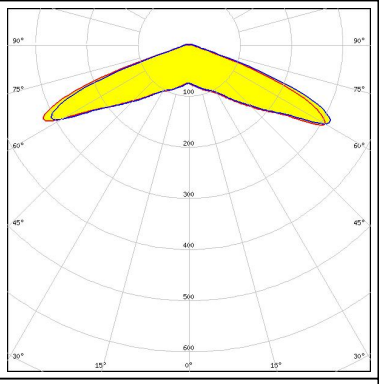
CREE

LED	XT-E
FWHM	142.0°
Efficiency	94 %
Peak intensity	0.470 cd/lm
Required components:	



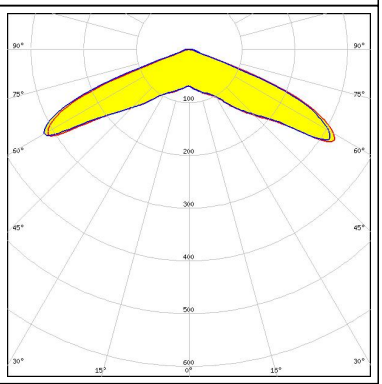
LG Innotek

LED	H35C1 (LEMWA33)
FWHM	140.0°
Efficiency	94 %
Peak intensity	0.520 cd/lm
Required components:	



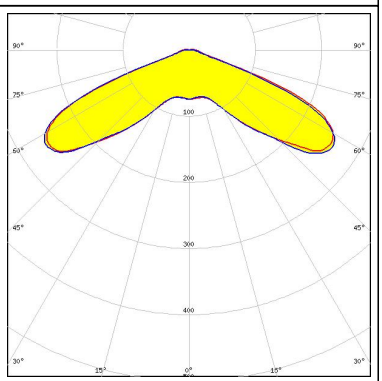
LUMILEDS

LED	LUXEON T
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.540 cd/lm
Required components:	



LUMILEDS

LED	LUXEON V
FWHM	139.0°
Efficiency	94 %
Peak intensity	0.400 cd/lm
Required components:	

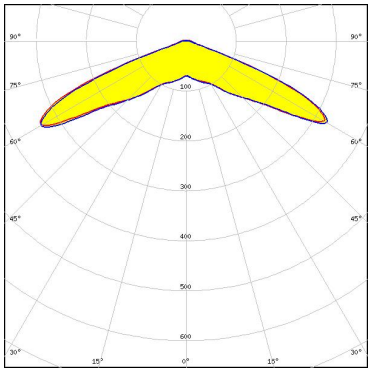


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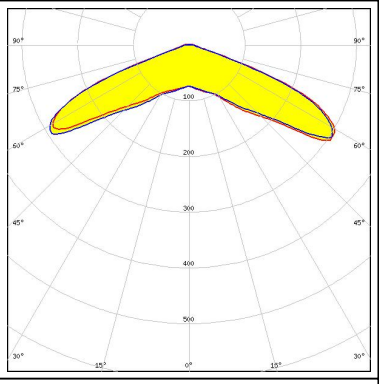
LUMILEDS

LED	LUXEON XR-TX (L2T0-xxyy012M)
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.540 cd/lm
Required components:	



NICHIA

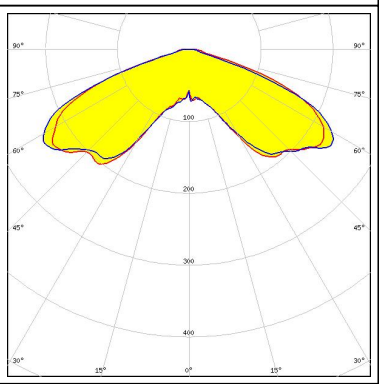
LED	NVSxx19B/NVSxx19C
FWHM	140.0°
Efficiency	94 %
Peak intensity	0.500 cd/lm
Required components:	



OSRAM
Opto Semiconductors

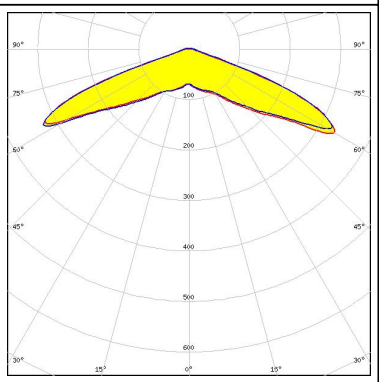
LED	Duris S8
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.370 cd/lm
Required components:	





PHILIPS

LED	Fortimo FastFlex LED board 2x6 DP G4
FWHM	140.0°
Efficiency	94 %
Peak intensity	0.550 cd/lm
Required components:	



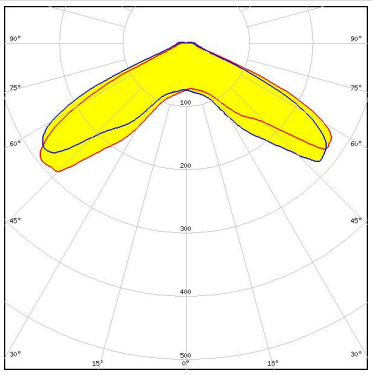
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PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

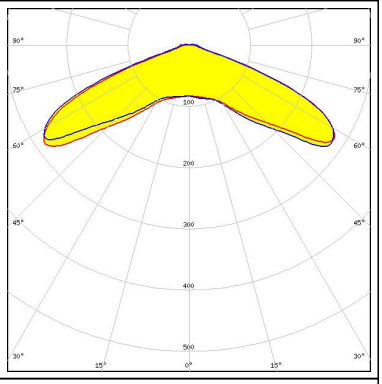
LED	SMJQ-D36W12Mx
FWHM	131.0°
Efficiency	94 %
Peak intensity	0.470 cd/lm
Required components:	





SEOUL SEMICONDUCTOR

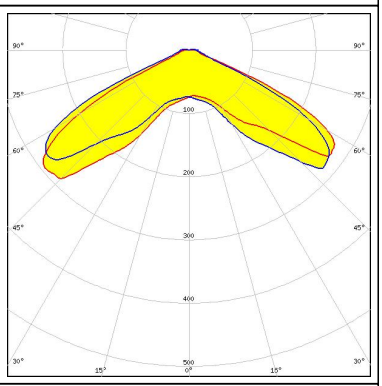
LED	SMJQ-D36W12Px
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.460 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

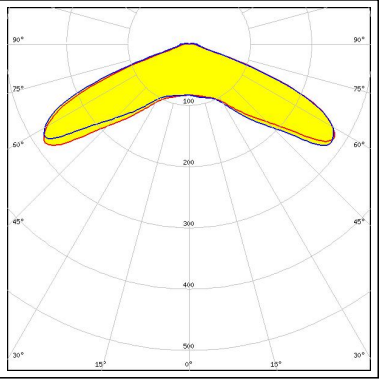
LED	Z8Y22
FWHM	131.0°
Efficiency	94 %
Peak intensity	0.470 cd/lm
Required components:	





SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.460 cd/lm
Required components:	

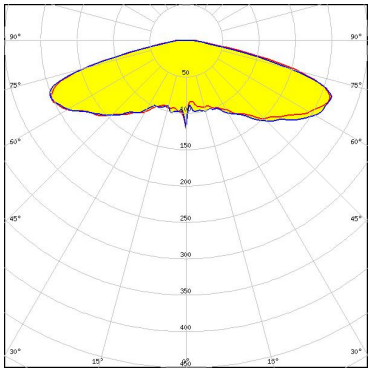


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PHOTOMETRIC DATA (SIMULATED):

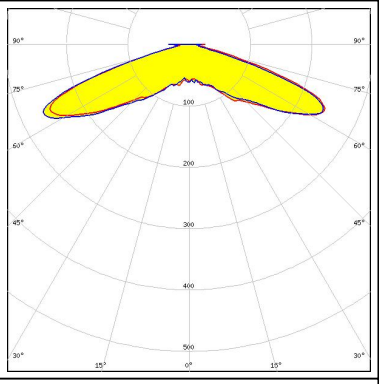
CREE

LED	XHP35 HD
FWHM	157.0°
Efficiency	93 %
Peak intensity	0.280 cd/lm
Required components:	



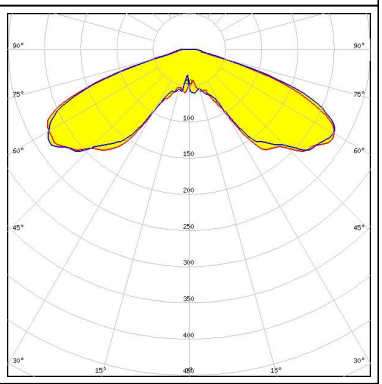
CREE

LED	XP-G3
FWHM	144.0°
Efficiency	89 %
Peak intensity	0.380 cd/lm
Required components:	



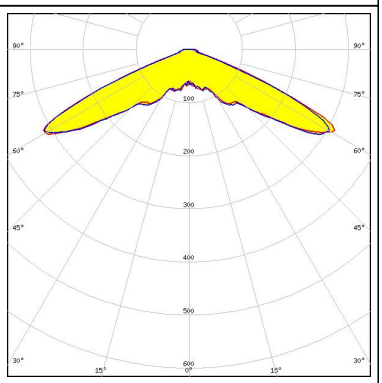
LUMILEDS

LED	LUXEON 5050
FWHM	143.0°
Efficiency	92 %
Peak intensity	0.320 cd/lm
Required components:	



NICHIA

LED	NVSxE21A
FWHM	136.0°
Efficiency	93 %
Peak intensity	0.520 cd/lm
Required components:	

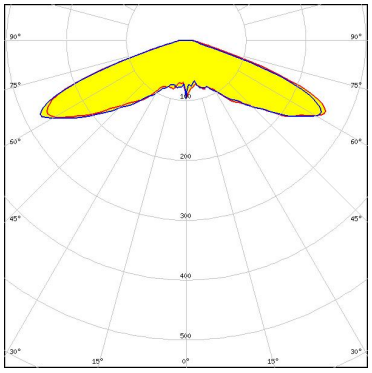


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PHOTOMETRIC DATA (SIMULATED):

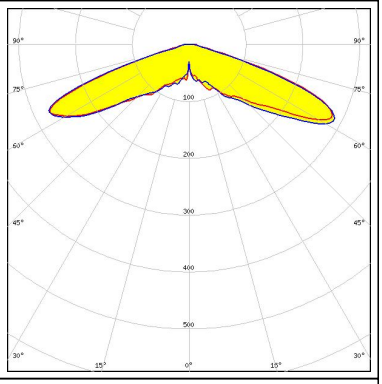
OSRAM Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.380 cd/lm
Required components:	



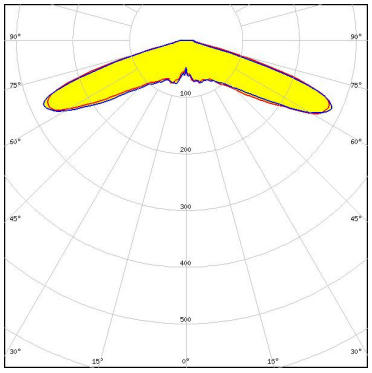
OSRAM Opto Semiconductors

LED	Oslon Square Gen3
FWHM	142.0°
Efficiency	91 %
Peak intensity	0.400 cd/lm
Required components:	



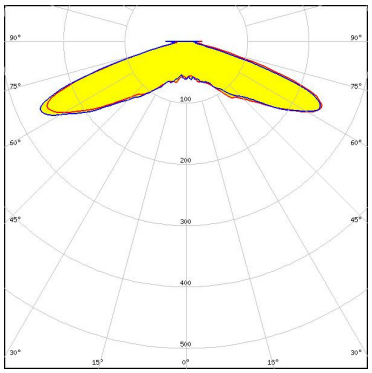
OSRAM Opto Semiconductors

LED	Oslon SSL 150
FWHM	145.0°
Efficiency	93 %
Peak intensity	0.430 cd/lm
Required components:	



PHILIPS

LED	Fortimo FastFlex LED board 2x6 DPX G4
FWHM	144.0°
Efficiency	89 %
Peak intensity	0.380 cd/lm
Required components:	

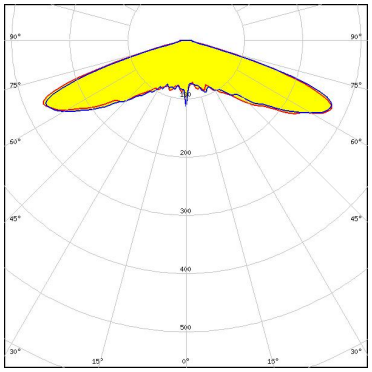


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PHOTOMETRIC DATA (SIMULATED):

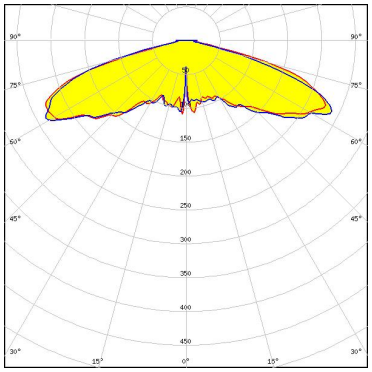
SAMSUNG

LED	LH351C
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.410 cd/lm
Required components:	



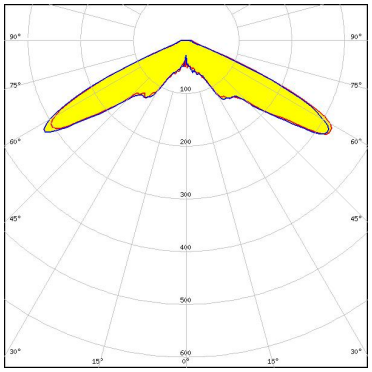
SAMSUNG

LED	LH351D
FWHM	156.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	131.0°
Efficiency	92 %
Peak intensity	0.510 cd/lm
Required components:	



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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.

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