STRADA-IP-2X6-T2-PC

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads. Variant made from PC.

SPECIFICATION:

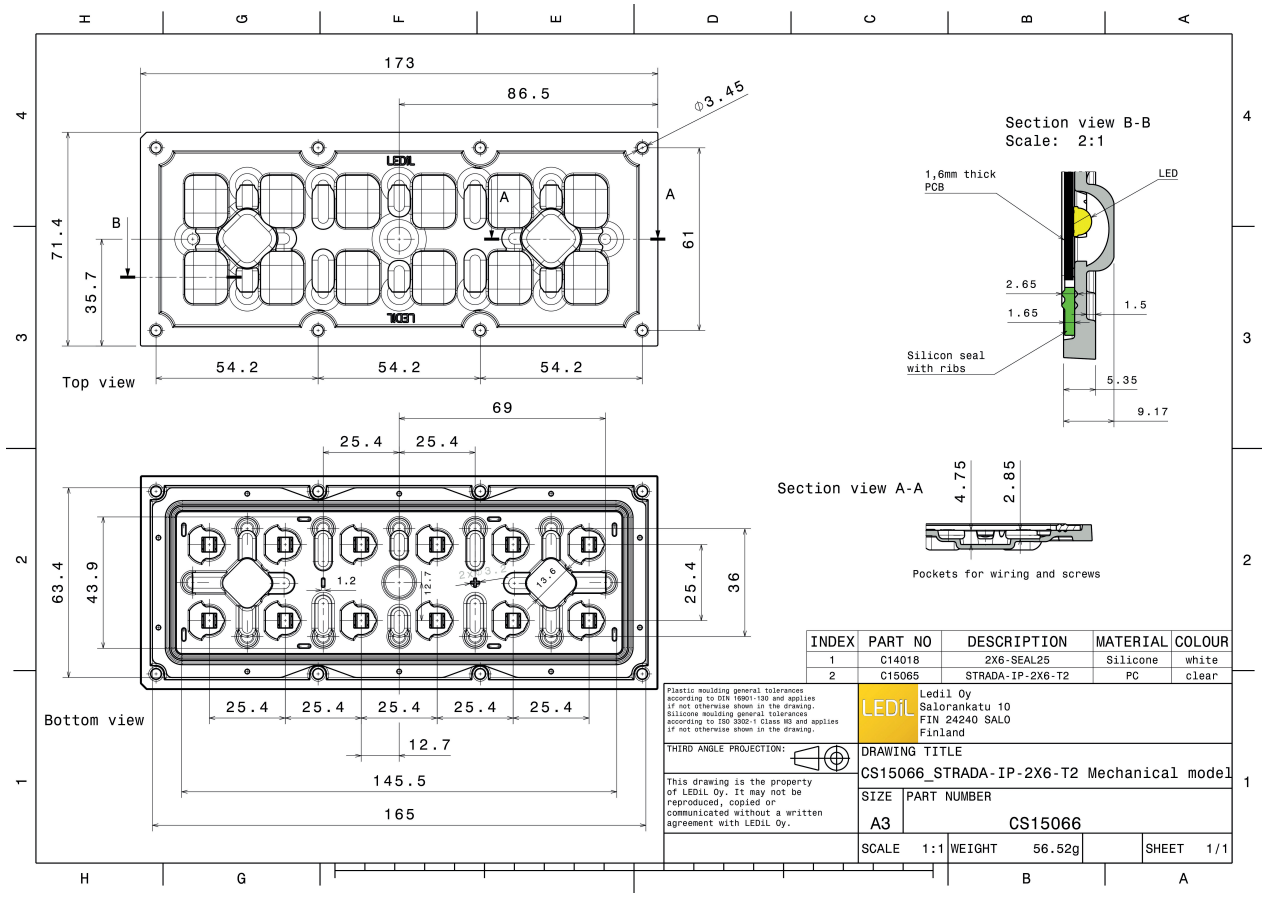
Dimensions	71.4 x 173.0
Height	9.2 mm
Ingress protection classes	IP67
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADA-IP-2X6-T2-PC	Multi-lens	PC	clear		
2X6-SEAL25	Seal	Silicone	white		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15066_STRADA-IP-2X6-T2-PC » Box size: 476 x 273 x 247 mm	Multi-lens	120		40	7.9



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14018	2X6-SEAL25	Silicone	white
2	C15065	STRADA-IP-2X6-T2	PC	clear

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

THIRD ANGLE PROJECTION:

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
CS15066_STRADA-IP-2X6-T2 Mechanical model

SIZE	PART NUMBER
A3	CS15066

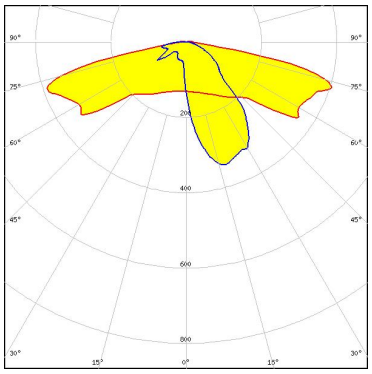
SCALE	WEIGHT	SHEET
1:1	56.52g	1/1

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

OPTICAL RESULTS (MEASURED):

COMET ELECTRONICS

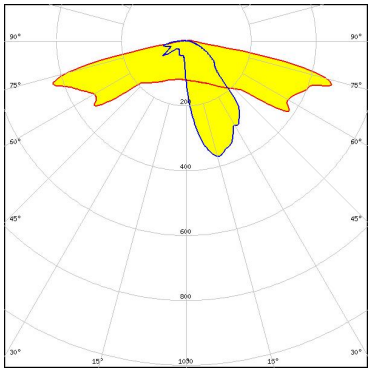
LED	QUICK FLUX 2x6 LED XG xxx G7+
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

COMET ELECTRONICS

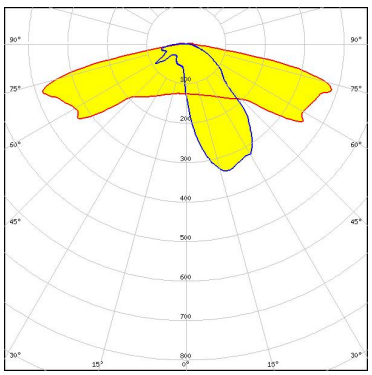
LED	QUICK FLUX 2x6 LED XT xxx G5
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

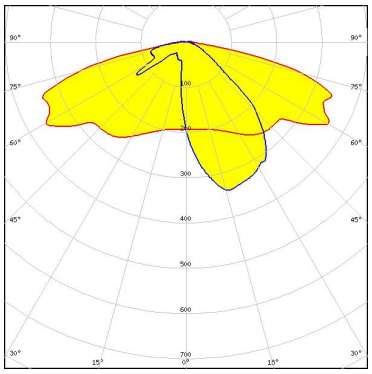


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

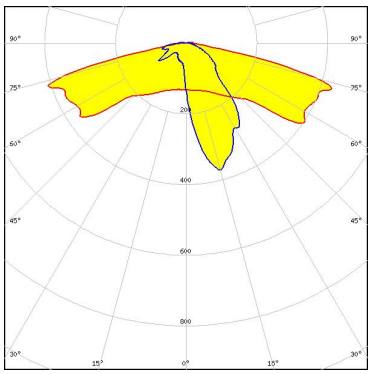
LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

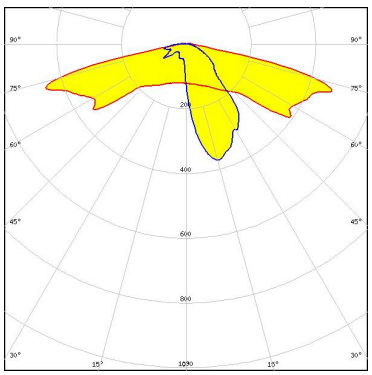
LED	XT-E
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XT-E HE
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

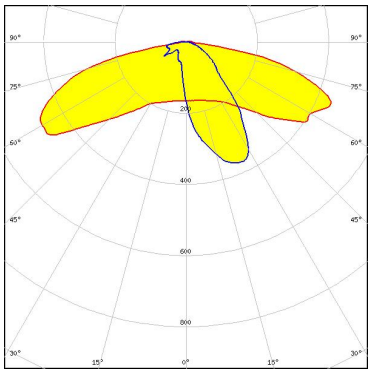


Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

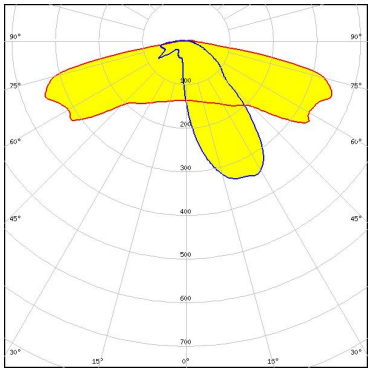
LED	LUXEON 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

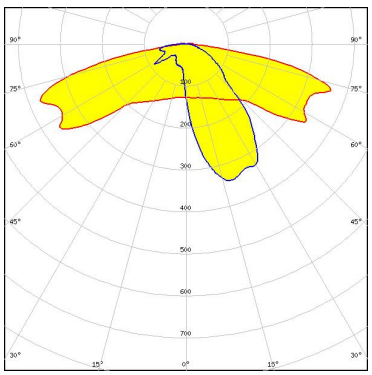
LED	LUXEON V
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NVSW3x9A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

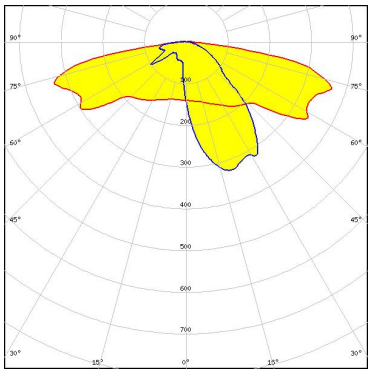


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

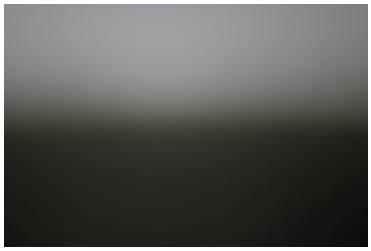
LED	NVSW519A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

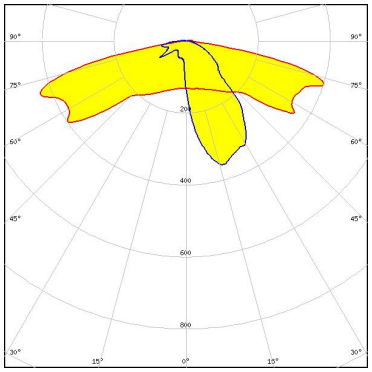


Light distribution files

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

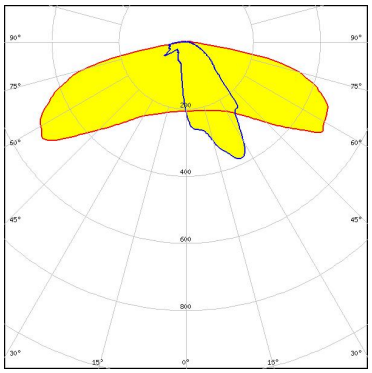




Light distribution files

OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

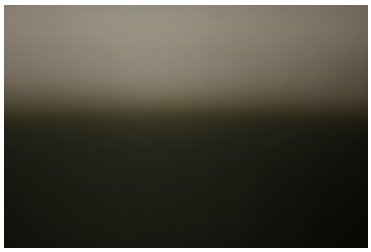


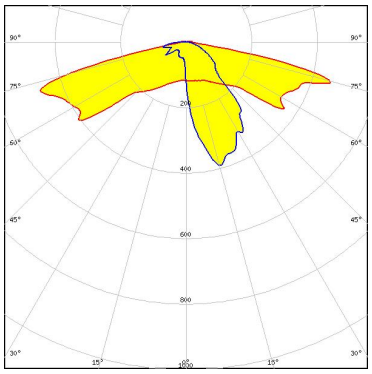
Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

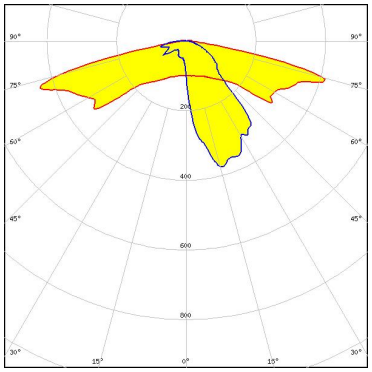




Light distribution files

OSRAM
Opto Semiconductors

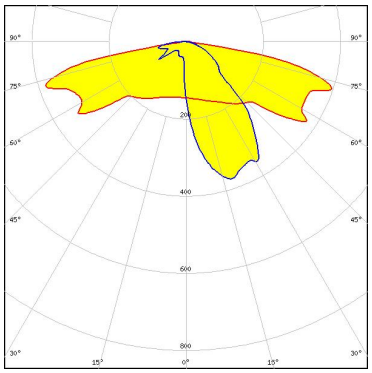
LED	OSLON Square PC
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	HiLOM RH12 (LH351C)
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

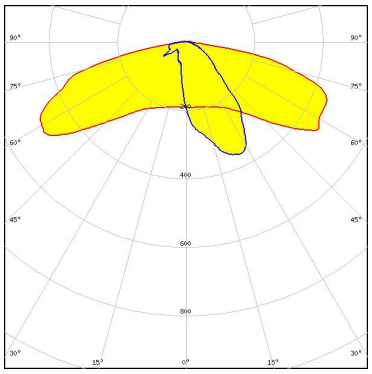


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

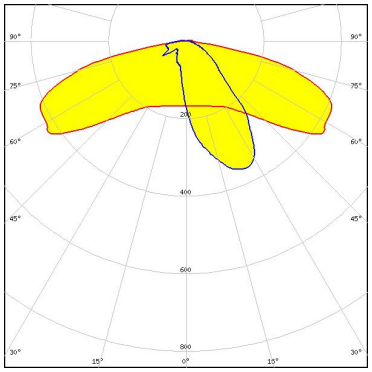
LED	HiLOM RM12 ZP (LH502C)
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

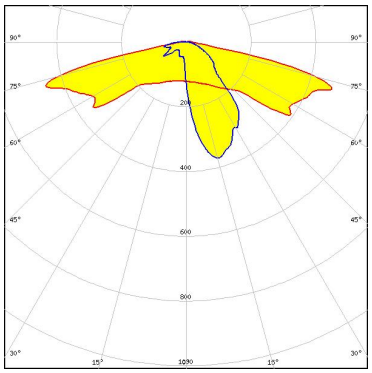
LED	LH502D
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SCIOLUX

LED	XLE-S22C4XTEHE (XT-E HE)
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

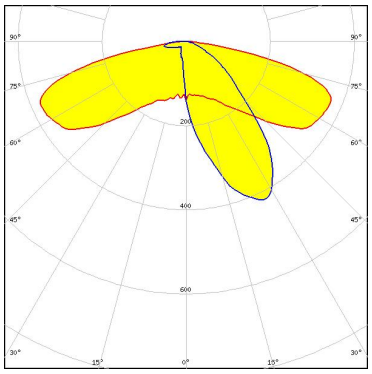


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

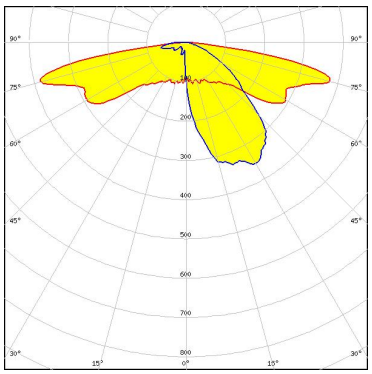
LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

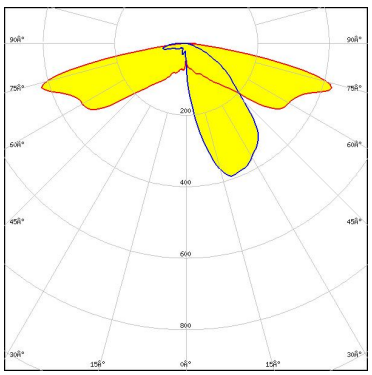
LED	XP-G2 HE
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

inventronics

LED	PrevaLED Brick HP IP 2x6
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

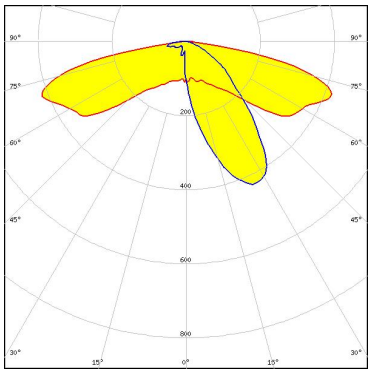


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

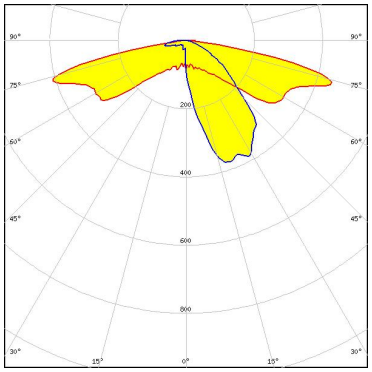
LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

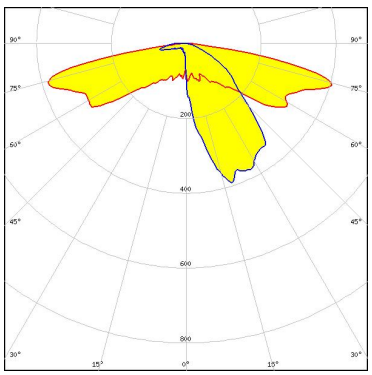
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



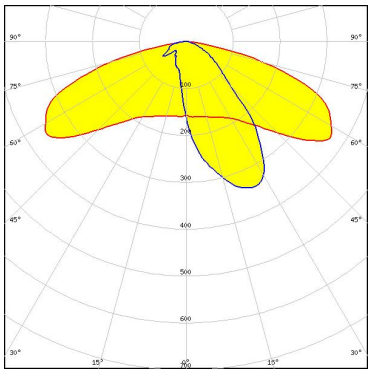
Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH502D
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

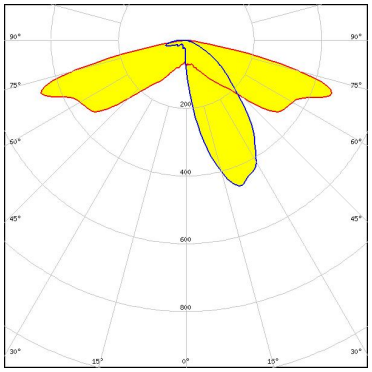
Protective plate, glass



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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