LINDA-UP

~145° + 100° extra wide beam for uplighting

SPECIFICATION:

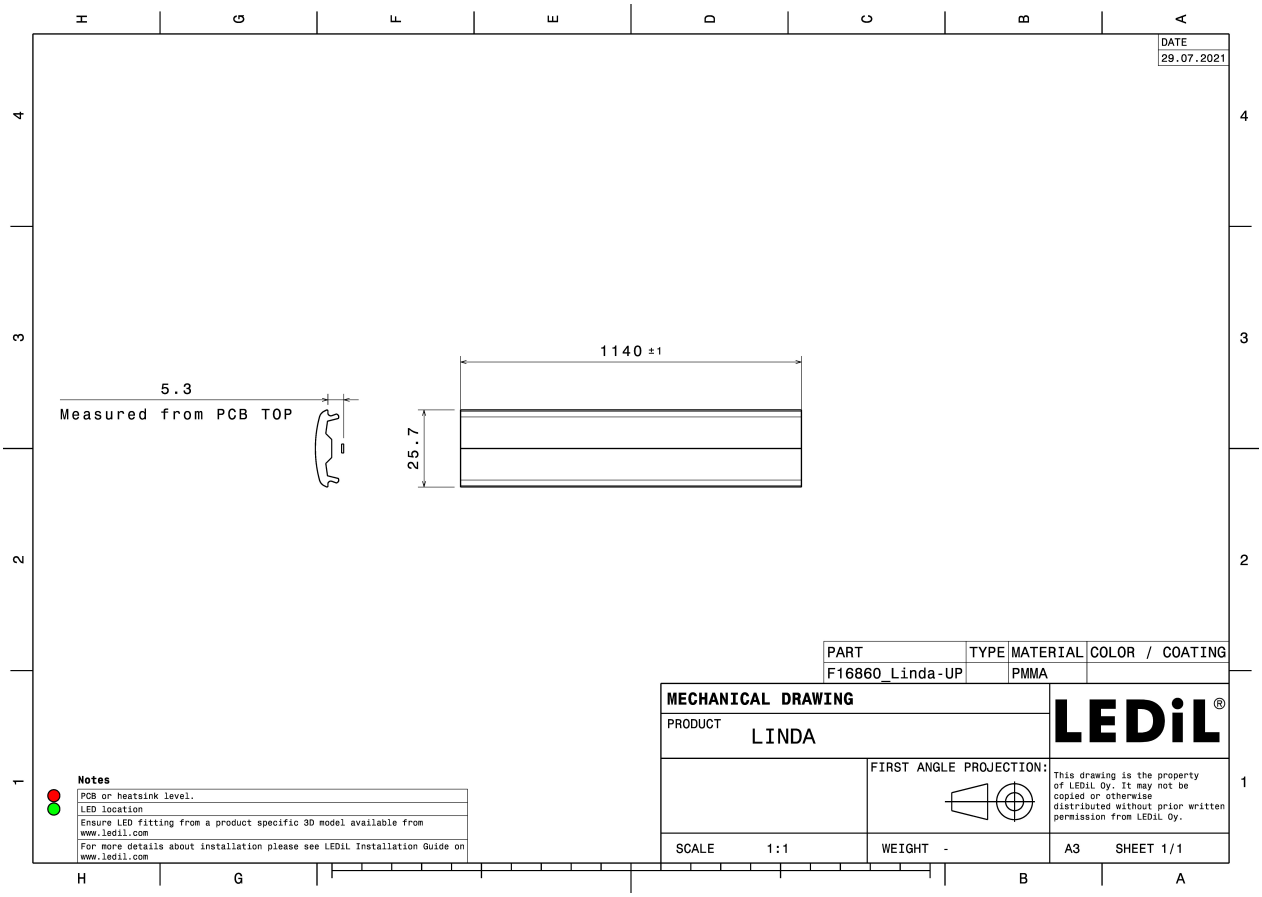
Dimensions	25.7 x 1140.0
Height	7.8 mm
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LINDA-UP	Linear lens	PMMA			

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16860_LINDA-UP » Box size: 1200x160x120 mm	100	100	100	12.6

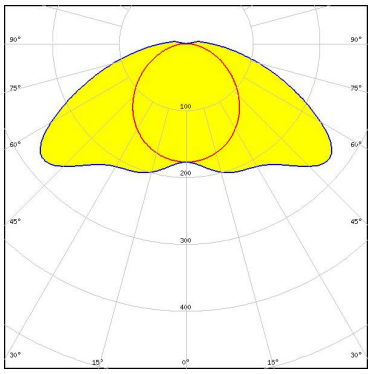


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CITIZEN

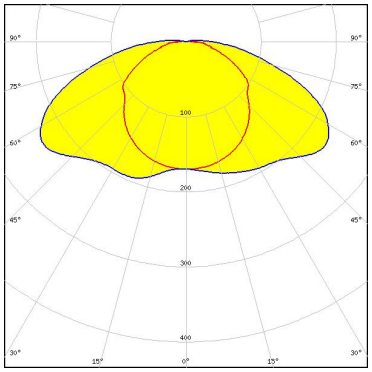
LED	CLUC11
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

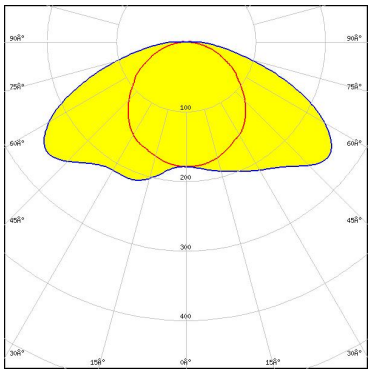
LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

inventronics

LED	PL-LIN-Z5 1100 280x20
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

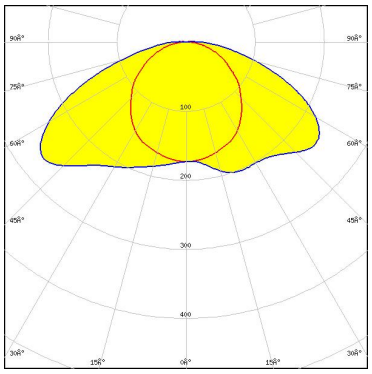


Light distribution files

OPTICAL RESULTS (MEASURED):

inventronics

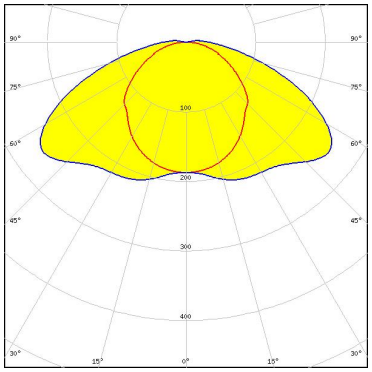
LED	PL-LIN-Z5 2000 280x20
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

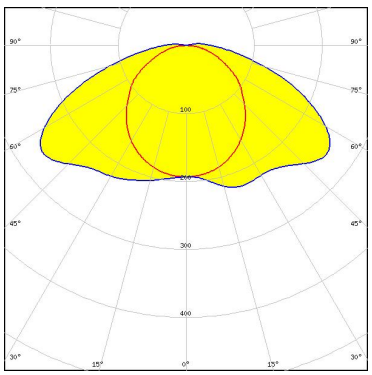
LED	LUXEON 3030 2D (Round LES)
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	

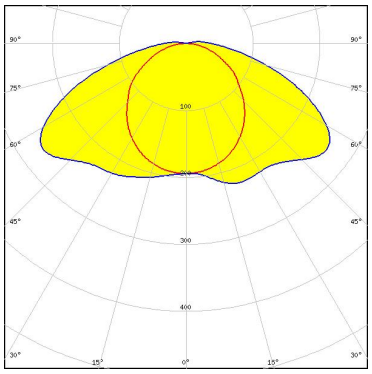


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

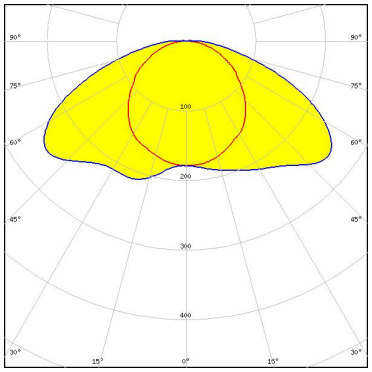
LED	NFSW757H
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

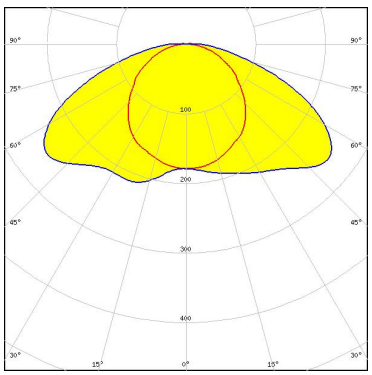
LED	Duris E 2835
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

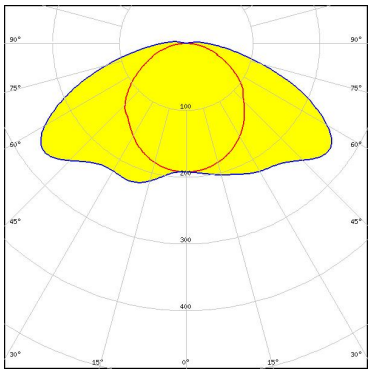


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

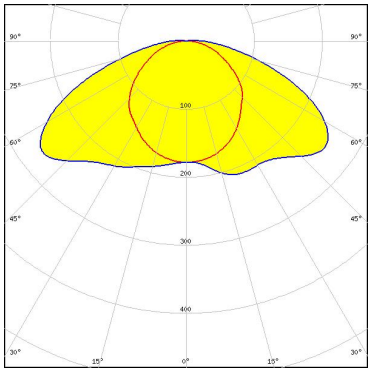
LED	Duris E 2835
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

PHILIPS

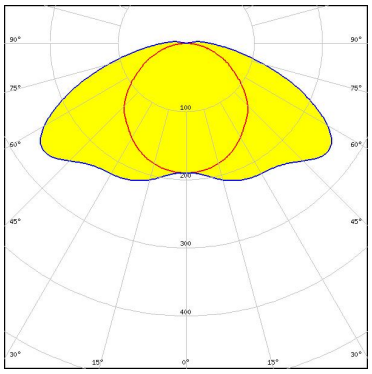
LED	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

PHILIPS

LED	Fortimo LED Strip 1ft 1100lm FC HV5 & LV5
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

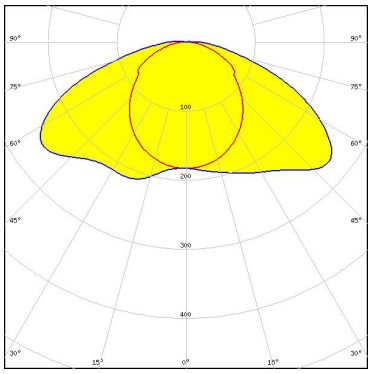


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

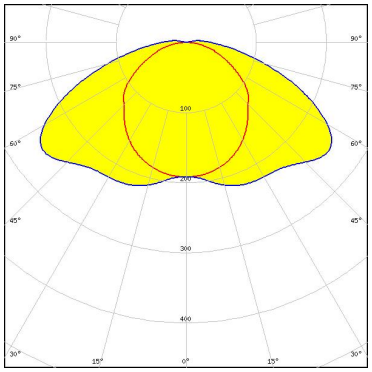
LED	Fortimo LED Strip 1ft 650lm FC HV4 & LV4
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

PHILIPS

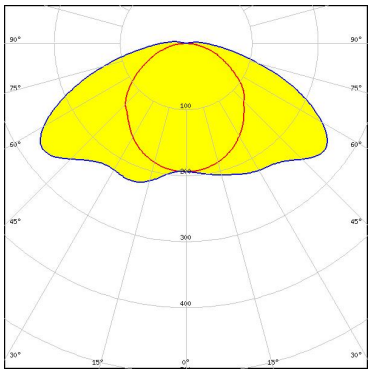
LED	Fortimo LED Strip 1ft 650lm FC HV5 & LV5
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

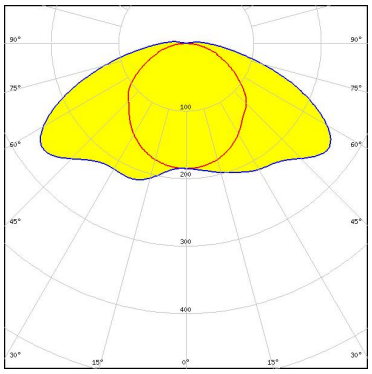


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

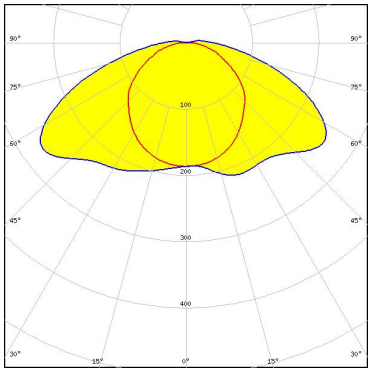
LED	LM301B
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

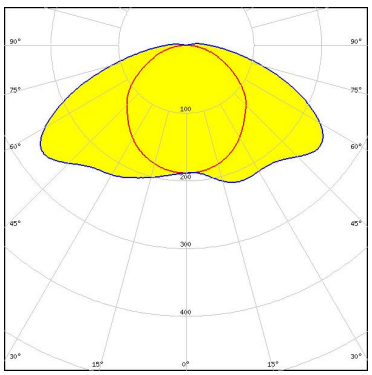
LED	LM561C
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LT-H282C
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

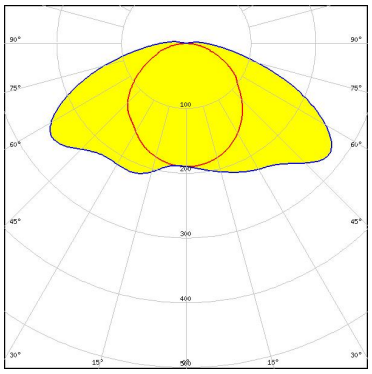


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

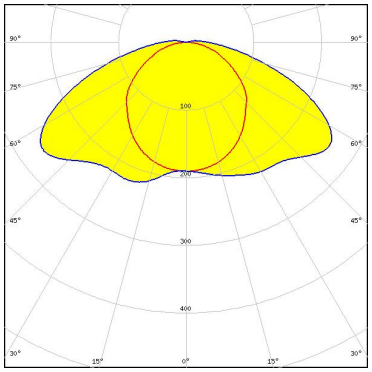
LED	LT-Q282B
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

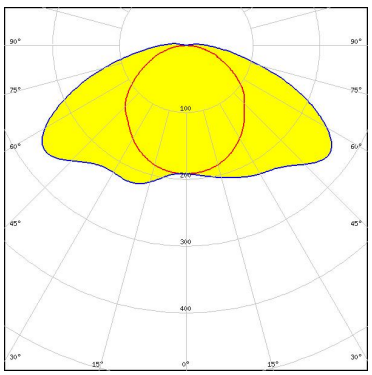
LED	LT-S282H
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3528
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

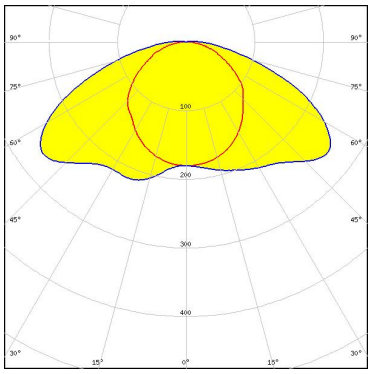


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

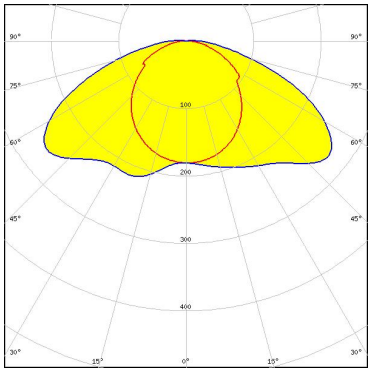
LED	LLE 24x280mm 1250lm HV ADV5
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

TRIDONIC

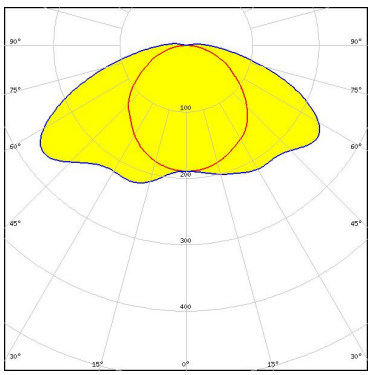
LED	LLE 24x280mm 650lm HV ADV5
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

TRIDONIC

LED	LLE FLEX CC 14mm 1250lm ADV1
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

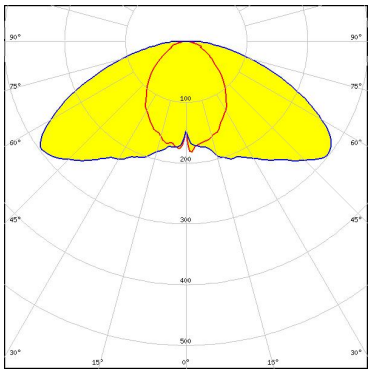


Light distribution files

OPTICAL RESULTS (SIMULATED):

bridgelux

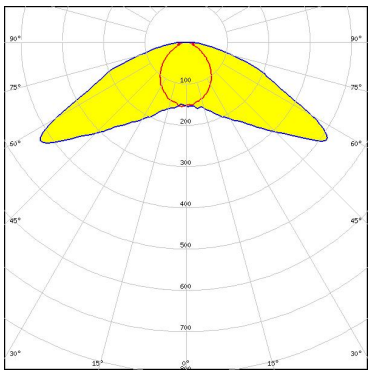
LED	Bridgelux SMD 5050
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

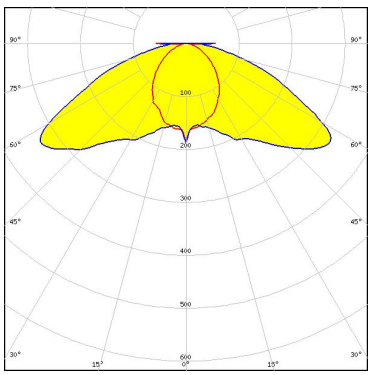
LED	LUXEON CSP HL1
FWHM / FWTM	93.0 + 135.0° / 163.0 + 167.0°
Efficiency	88 %
Peak intensity	0.4 cd/lm
LEDs/each optic	5
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NFSWE11A
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

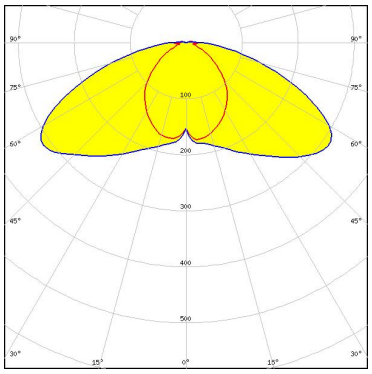


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

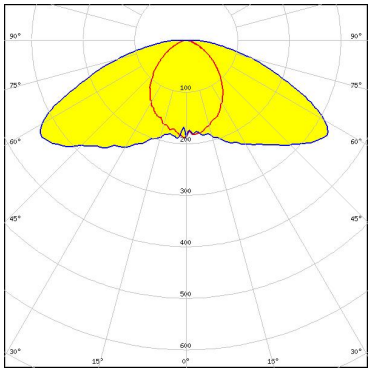
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	Hyper Red
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

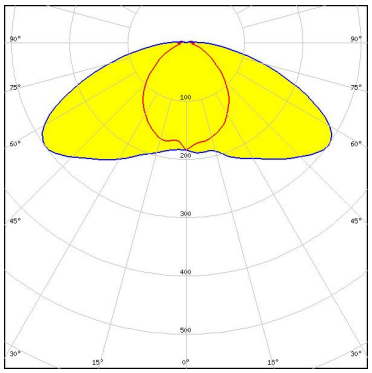
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

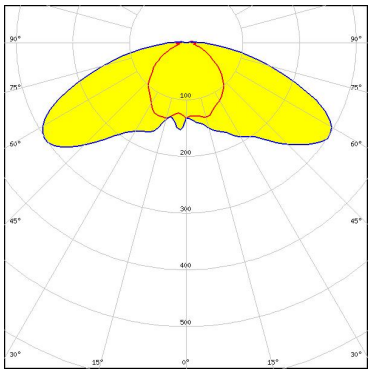


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

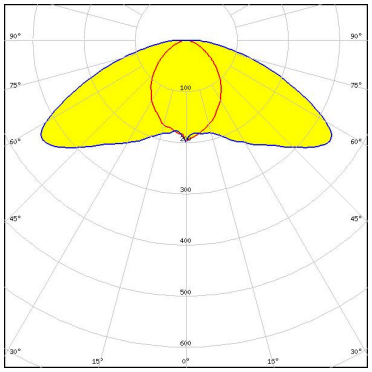
LED	OSLON SSL 150
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	Far Red
Required components:	



Light distribution files

SAMSUNG

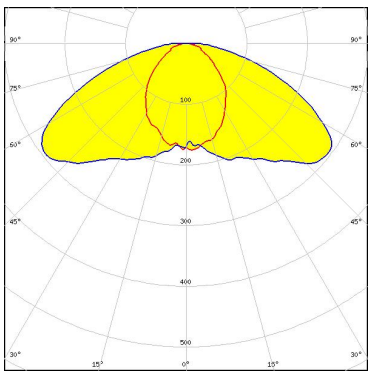
LED	LM301B
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.3 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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Hong Kong, China

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