FLARE-MAXI-TAPE

34 x 33 mm lens with ~100° x 15° oval beam. Assembly with installation tape.

SPECIFICATION:

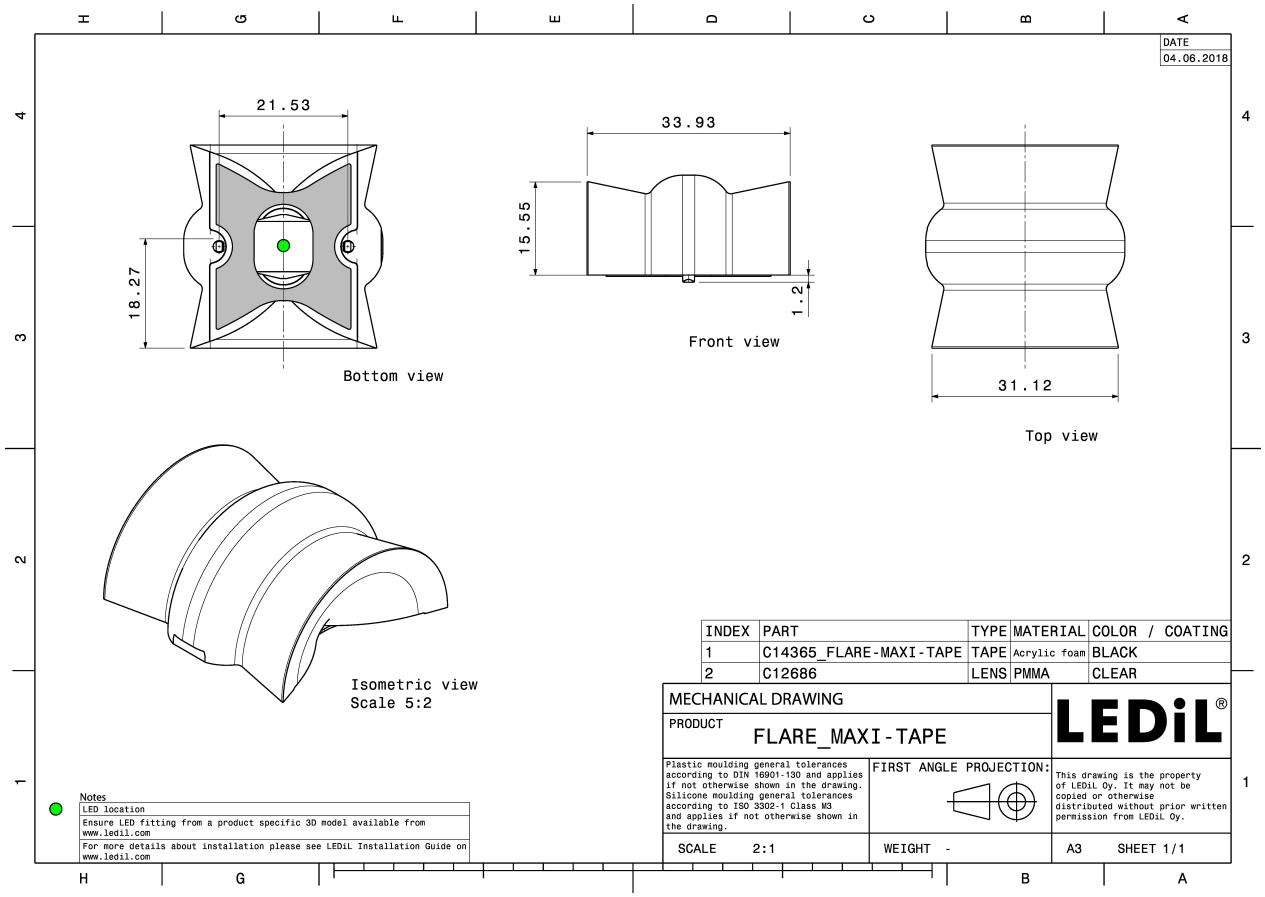
Dimensions	33.9 x 33.3
Height	16.9 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
FLARE-MAXI	Single lens	PMMA	clear		
FLARE-MAXI-TAPE	Tape	Acrylic foam	clear		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14366_FLARE-MAXI-TAPE	Single lens	864	144	72	9.7
» Box size:					



INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C14365_FLARE-MAXI-TAPE	TAPE	Acrylic foam	BLACK
2	C12686	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT FLARE_MAXI-TAPE

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.

FIRST ANGLE PROJECTION:

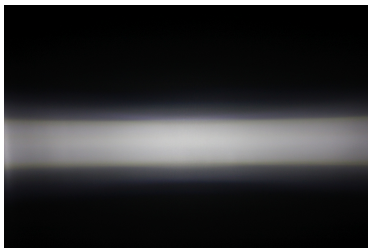
SCALE 2:1 | WEIGHT - | A3 SHEET 1/1

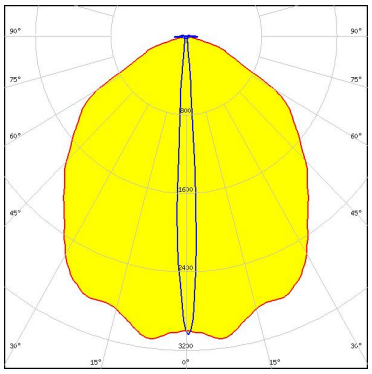
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XD16
FWHM / FWTM	100.0 + 8.0° / 140.0 + 14.0°
Efficiency	90 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

CREE LEDs

LED	XM-L
FWHM / FWTM	96.0 + 15.0° / 175.0°
Efficiency	94 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

CREE LEDs

LED	XM-L2
FWHM / FWTM	105.0 + 13.0°
Efficiency	96 %
LEDs/each optic	1
Light colour/type	White
Required components:	

OPTICAL RESULTS (MEASURED):

CREE LEDs

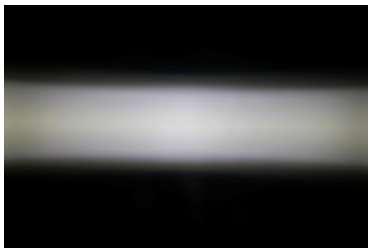
LED	XP-G
FWHM / FWTM	105.0 + 11.0° / 174.0°
Efficiency	94 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

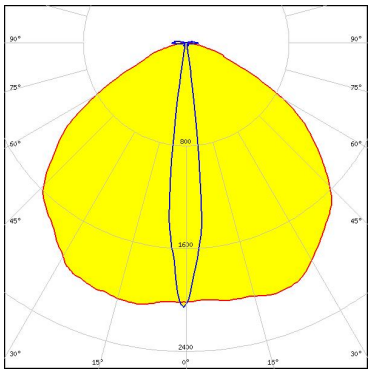
CREE LEDs

LED	XP-G2
FWHM / FWTM	96.0 + 10.0° / 162.0°
Efficiency	94 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

CREE LEDs

LED	XP-L HD
FWHM / FWTM	115.0 + 13.0° / 149.0 + 19.0°
Efficiency	94 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



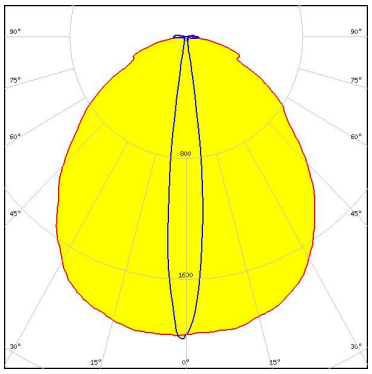


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XP-L2
FWHM / FWTM	99.0 + 13.0° / 158.0 + 21.0°
Efficiency	94 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XT-E
FWHM / FWTM	96.0 + 10.0° / 183.0°
Efficiency	94 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

LUMILEDS

LED	LUXEON Rebel ES
FWHM / FWTM	91.0 + 10.0° / 164.0°
Efficiency	94 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

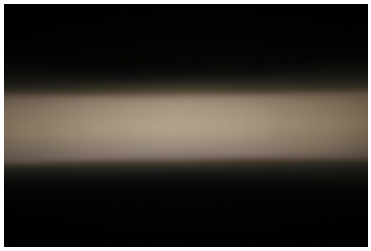
OPTICAL RESULTS (MEASURED):

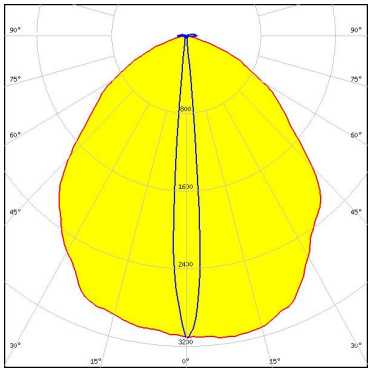
LUMILEDS

LED	LUXEON T
FWHM / FWTM	96.0 + 10.0° / 262.0°
Efficiency	92 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

LUMILEDS

LED	LUXEON TX
FWHM / FWTM	96.0 + 9.0° / 141.0°
Efficiency	94 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

NICHIA

LED	NCSxx19B
FWHM / FWTM	98.0 + 9.0° / 170.0°
Efficiency	94 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

OPTICAL RESULTS (MEASURED):

NICHIA

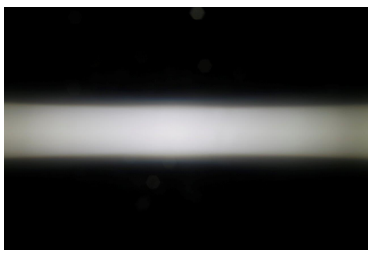
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	98.0 + 11.0° / 176.0°
Efficiency	94 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

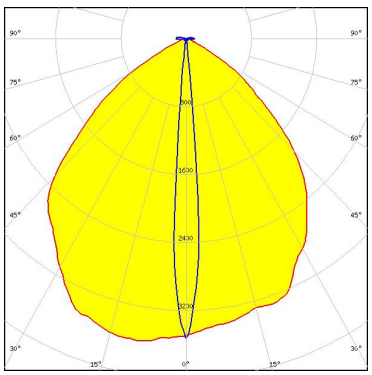
OSRAM
Opto Semiconductors

LED	OSLON Square PC
FWHM / FWTM	98.0 + 13.0° / 178.0°
Efficiency	94 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

SAMSUNG

LED	LH351Z
FWHM / FWTM	94.0 + 8.8° / 125.0 + 13.0°
Efficiency	94 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



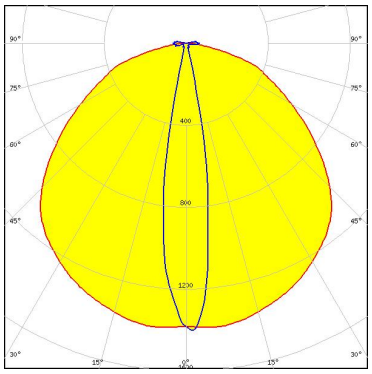


Light distribution files

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

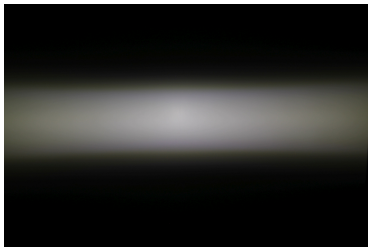
LED	WICOP 5050
FWHM / FWTM	112.0 + 17.0° / 158.0 + 27.0°
Efficiency	93 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

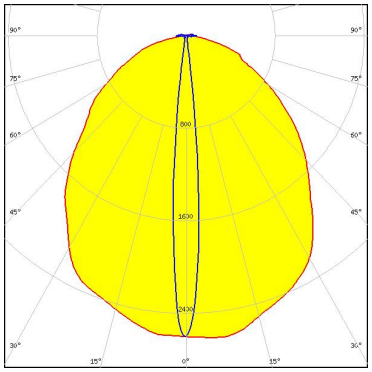


Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM / FWTM	97.0 + 10.0° / 154.0 + 17.0°
Efficiency	94 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

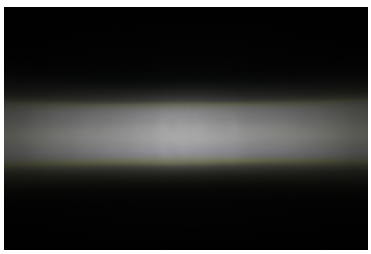


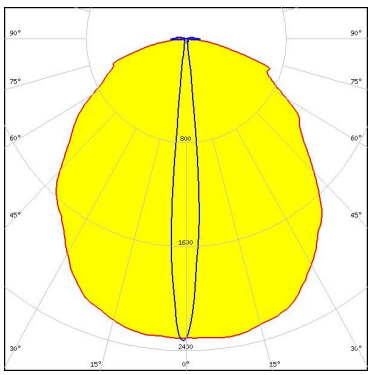


Light distribution files

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM / FWTM	104.0 + 10.0° / 160.0 + 17.0°
Efficiency	93 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



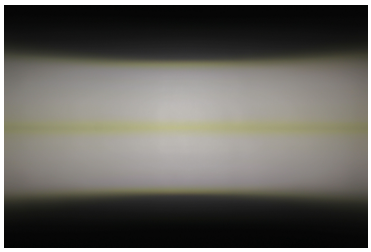


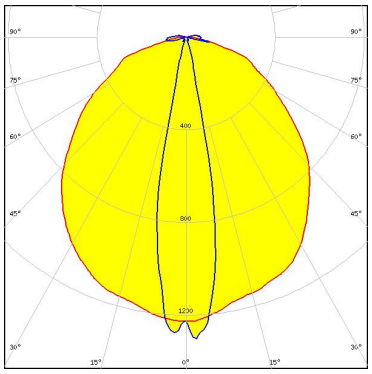
Light distribution files

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z8Y50P
FWHM / FWTM	105.0 + 21.0° / 155.0 + 29.0°
Efficiency	93 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



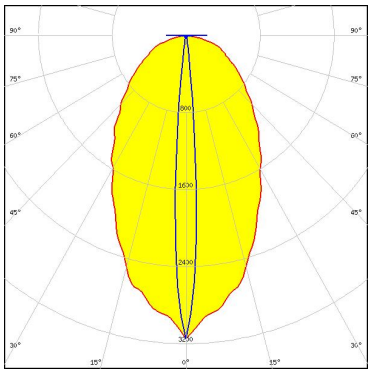


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

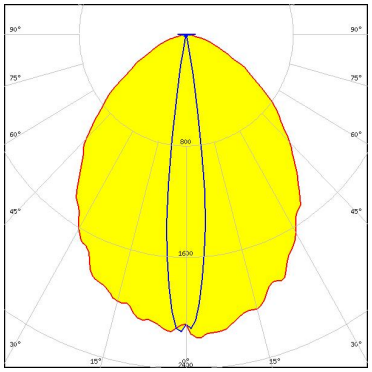
LED	XD16
FWHM / FWTM	62.0 + 8.0° / 146.0 + 15.0°
Efficiency	94 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

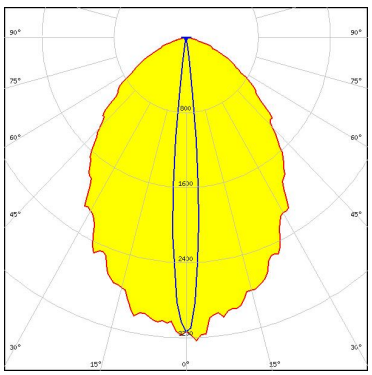
LED	XHP35 HD
FWHM / FWTM	89.0 + 14.0° / 139.0 + 20.0°
Efficiency	91 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP35 HI
FWHM / FWTM	82.0 + 10.0° / 136.0 + 15.0°
Efficiency	93 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

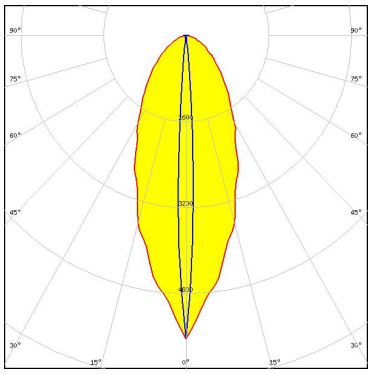


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

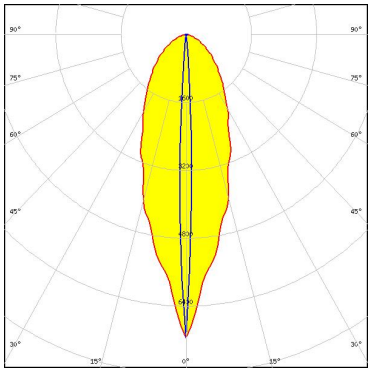
LED	XP-E2
FWHM / FWTM	6.0 + 41.0° / 13.0 + 109.0°
Efficiency	94 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	4.0 + 34.0° / 10.0 + 107.0°
Efficiency	95 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

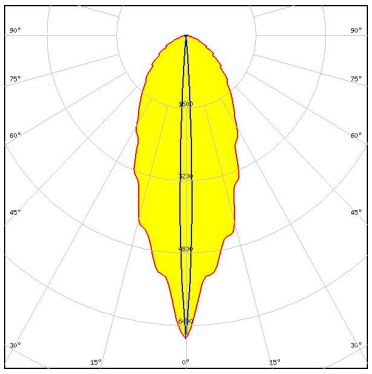
LUMILEDS

LED	LUXEON H50-2
FWHM / FWTM	9.5 + 64.0° / 137.0°
Efficiency	92 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

OPTICAL RESULTS (SIMULATED):

LUMILEDS

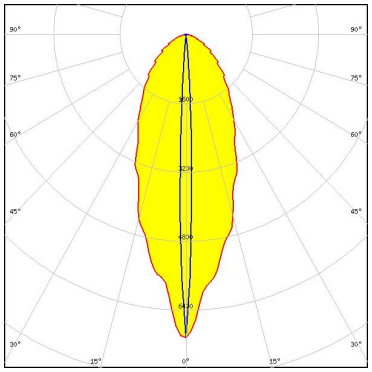
LED	LUXEON Rubix
FWHM / FWTM	41.0 + 4.0° / 118.0 + 10.0°
Efficiency	96 %
Peak intensity	6.7 cd/lm
LEDs/each optic	1
Light colour/type	Blue
Required components:	



Light distribution files

LUMILEDS

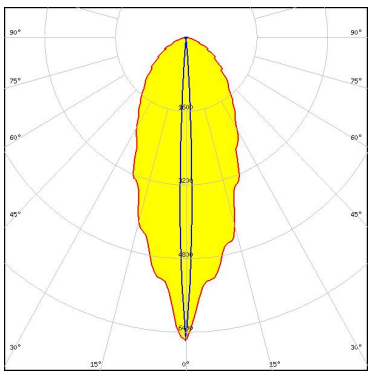
LED	LUXEON Rubix
FWHM / FWTM	39.0 + 4.0° / 114.0 + 10.0°
Efficiency	96 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON Rubix
FWHM / FWTM	41.0 + 4.0° / 118.0 + 10.0°
Efficiency	96 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour/type	Green
Required components:	

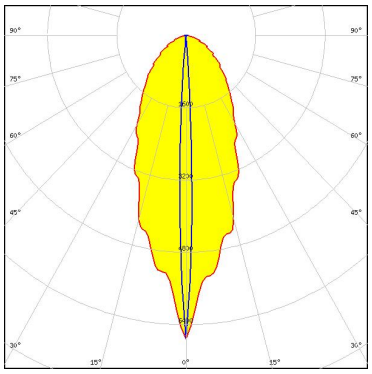


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

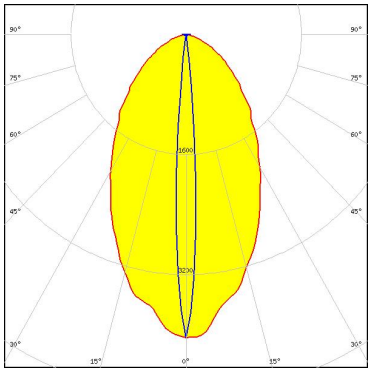
LED	LUXEON Rubix
FWHM / FWTM	40.0 + 4.0° / 117.0 + 10.0°
Efficiency	96 %
Peak intensity	6.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMINUS

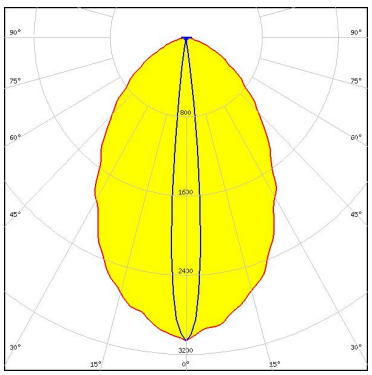
LED	SFT-40-WCS
FWHM / FWTM	61.0 + 8.0° / 129.0 + 14.0°
Efficiency	96 %
Peak intensity	4.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMINUS

LED	SFT-70X-WCS
FWHM / FWTM	72.0 + 10.0° / 132.0 + 16.0°
Efficiency	96 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

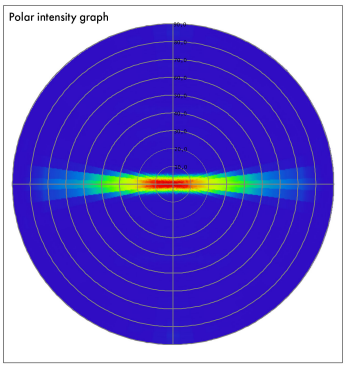


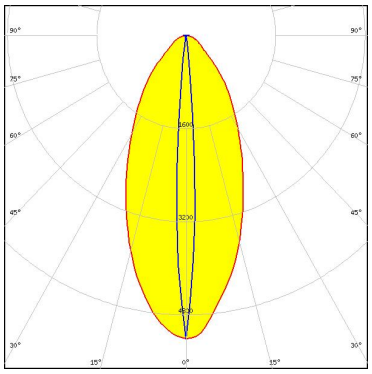
Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	SST-IRD-B90
FWHM / FWTM	55.0 + 8.0° / 104.0 + 12.0°
Efficiency	95 %
LEDs/each optic	1
Light colour/type	IR
Required components:	

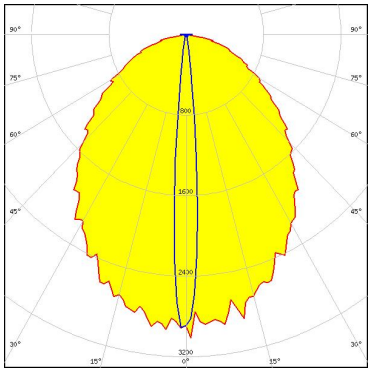




Light distribution files

NICHIA

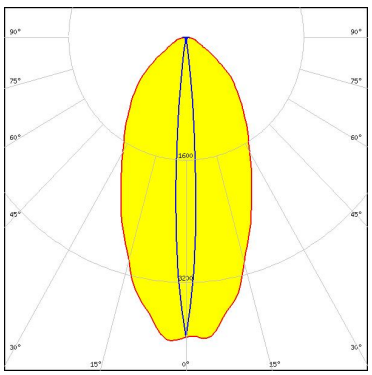
LED	NCSxE17A
FWHM / FWTM	90.0 + 9.0° / 150.0 + 18.0°
Efficiency	94 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	8.0 + 53.0° / 116.0 + 15.0°
Efficiency	94 %
Peak intensity	4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

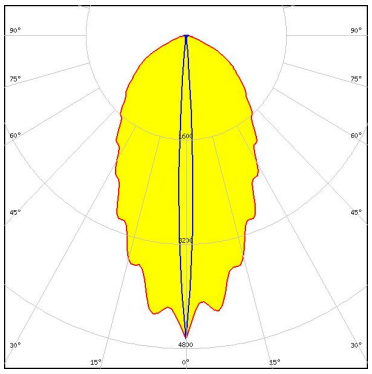


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

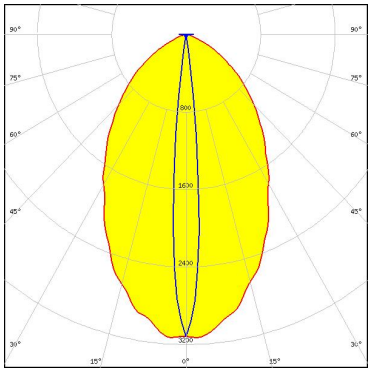
LED	OSLON SSL 150
FWHM / FWTM	6.0 + 58.0° / 12.0 + 131.0°
Efficiency	94 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

SAMSUNG

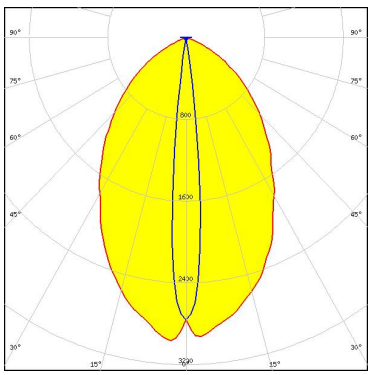
LED	LH351B
FWHM / FWTM	67.0 + 10.0° / 126.0 + 17.0°
Efficiency	94 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH351C
FWHM / FWTM	71.0 + 11.0° / 126.0 + 18.0°
Efficiency	94 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

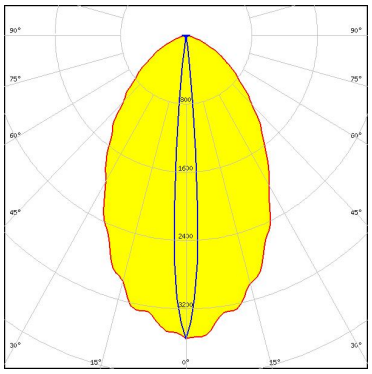


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	67.0 + 8.0° / 127.0 + 14.0°
Efficiency	94 %
Peak intensity	3.6 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.

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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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