FLARE-MAXI-D-TAPE

34 x 33 mm lens with ~110° x 15° diffused oval beam. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	33.9 x 33.3 mm
Height	16.9 mm
Fastening	tape, pin
Colour	clear
Box size	457 x 260 x 260 mm
Box weight	10 kg
Quantity in Box	864 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
FLARE-MAXI-D	Single lens	PMMA	clear
FLARE-MAXI-TAPE	Tape	PU tape	clear

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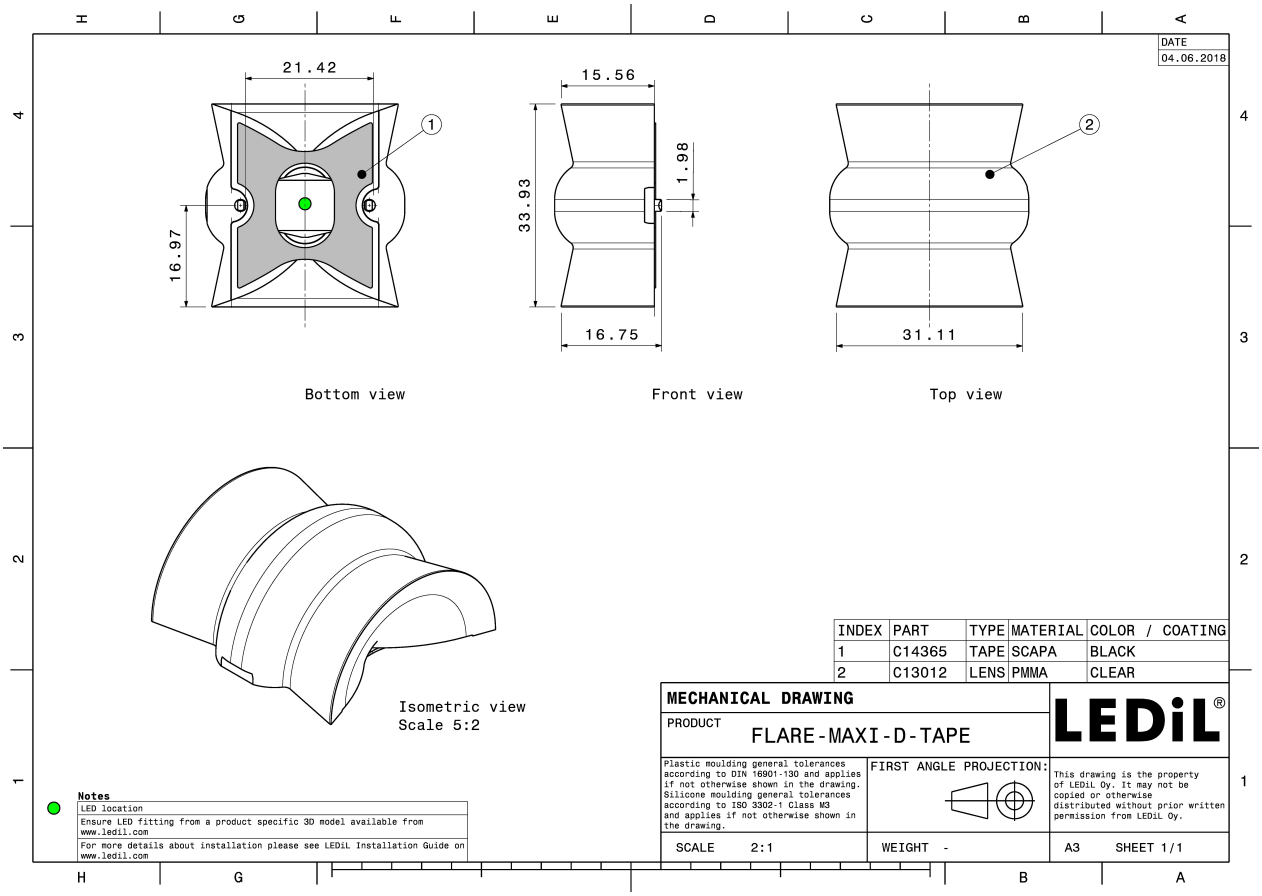

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C14365	TAPE	SCAPA	BLACK
2	C13012	LENS	PMMA	CLEAR

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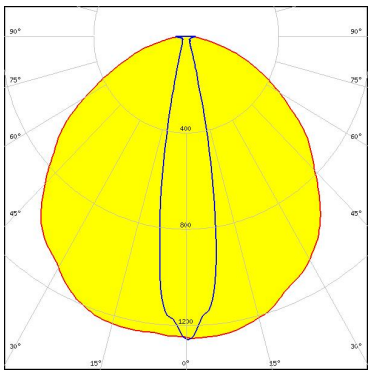
PHOTOMETRIC DATA (MEASURED):

CREE

LED	MK-R
FWHM	100.0 + 23.0°
Efficiency	92 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

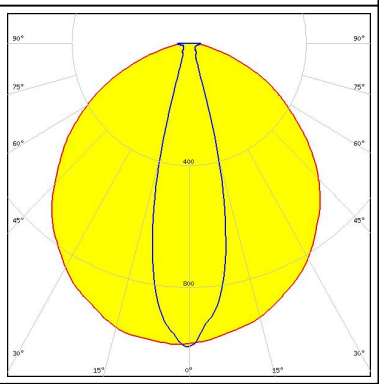
CREE

LED	XHP50
FWHM	109.0 + 20.0°
Efficiency	92 %
Peak intensity	1.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XHP70
FWHM	107.0 + 27.0°
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XM-L
FWHM	110.0 + 15.0°
Efficiency	94 %
Peak intensity	1.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (MEASURED):

CREE

LED	XM-L2
FWHM	101.0 + 17.0°
Efficiency	94 %
Peak intensity	1.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

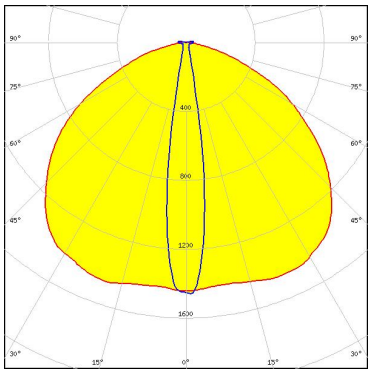
LED	XP-G
FWHM	115.0 + 15.0°
Efficiency	94 %
Peak intensity	1.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G2
FWHM	106.0 + 14.0°
Efficiency	94 %
Peak intensity	2.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-L HD
FWHM	119.0 + 16.0°
Efficiency	94 %
Peak intensity	1.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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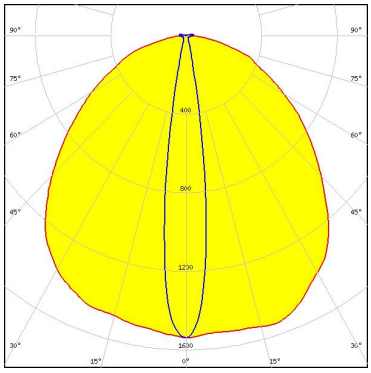
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-L2
FWHM	107.0 + 16.0°
Efficiency	92 %
Peak intensity	1.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XT-E
FWHM	117.0 + 14.0°
Efficiency	94 %
Peak intensity	1.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON A
FWHM	104.0 + 12.0°
Efficiency	94 %
Peak intensity	2.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON M/MX
FWHM	102.0 + 25.0°
Efficiency	94 %
Peak intensity	1.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (MEASURED):

LUMILEDS

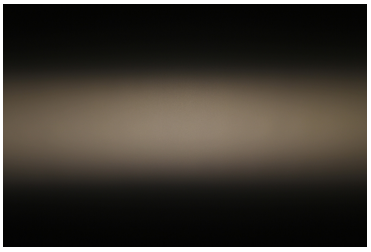
LED	LUXEON Rebel ES
FWHM	104.0 + 13.0°
Efficiency	94 %
Peak intensity	2.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

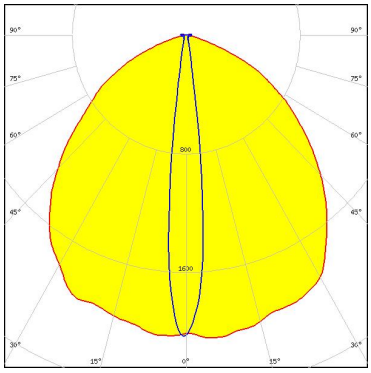
LUMILEDS

LED	LUXEON T
FWHM	102.0 + 13.0°
Efficiency	92 %
Peak intensity	1.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON TX
FWHM	103.0 + 13.0°
Efficiency	93 %
Peak intensity	2.060 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





NICHIA

LED	NCSxx19B
FWHM	107.0 + 13.0°
Efficiency	94 %
Peak intensity	2.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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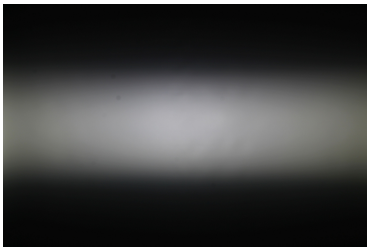
PHOTOMETRIC DATA (MEASURED):

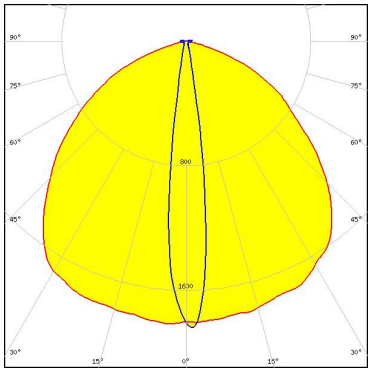
NICHIA

LED	NS9x383
FWHM	110.0 + 16.0°
Efficiency	93 %
Peak intensity	1.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSW219F
FWHM	108.0 + 14.0°
Efficiency	93 %
Peak intensity	1.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



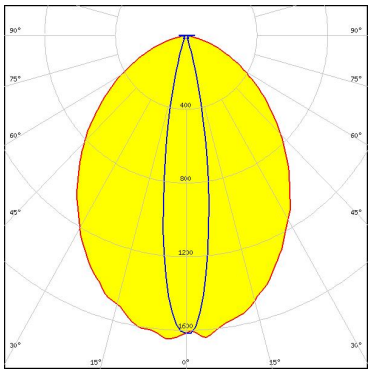


NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	116.0 + 13.0°
Efficiency	94 %
Peak intensity	1.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED	Duris S10
FWHM	92.0 + 21.0°
Efficiency	93 %
Peak intensity	1.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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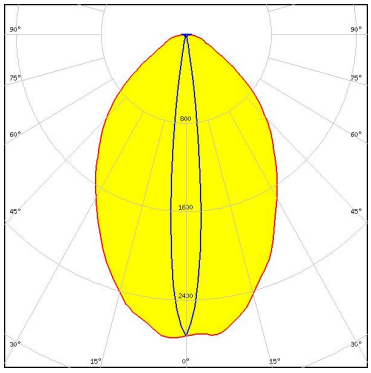
PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED	OSLON Square EC
FWHM	99.0 + 14.0°
Efficiency	94 %
Peak intensity	2.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

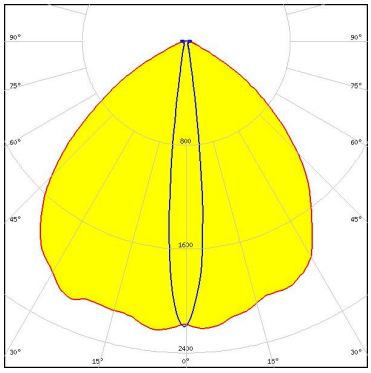


OSRAM Opto Semiconductors

LED	OSLON Square PC
FWHM	104.0 + 12.0°
Efficiency	94 %
Peak intensity	2.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

SAMSUNG

LED	LH351Z
FWHM	97.0 + 13.0°
Efficiency	94 %
Peak intensity	2.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	104.0 + 14.0°
Efficiency	94 %
Peak intensity	2.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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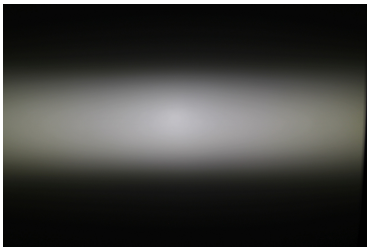
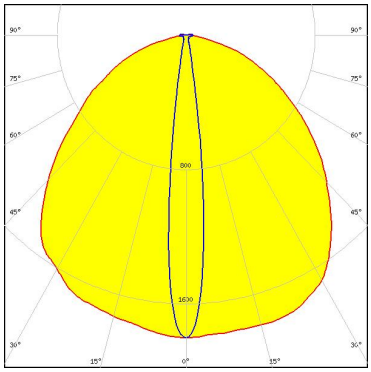
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

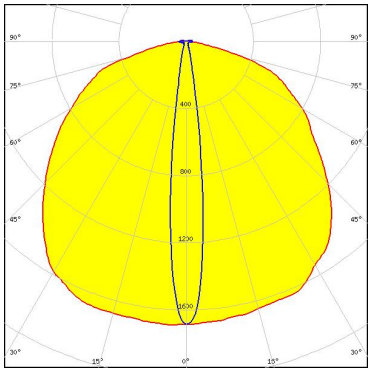
LED	Z5M3
FWHM	108.0 + 13.0°
Efficiency	94 %
Peak intensity	1.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





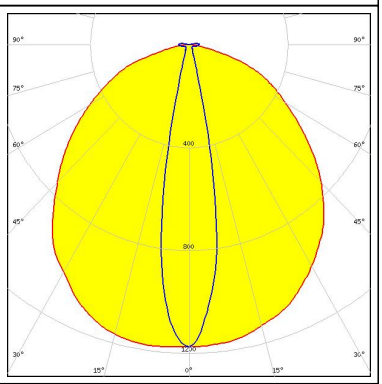
SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	116.0 + 13.0°
Efficiency	92 %
Peak intensity	1.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y50P
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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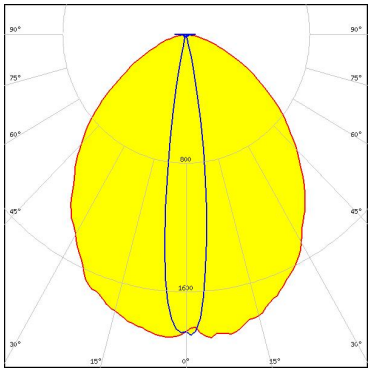
PHOTOMETRIC DATA (SIMULATED):

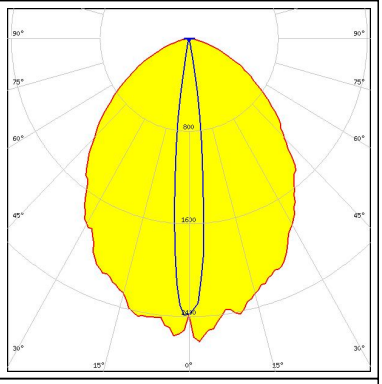
CREE

LED	XHP35 HD
FWHM	92.0 + 15.0°
Efficiency	92 %
Peak intensity	1.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



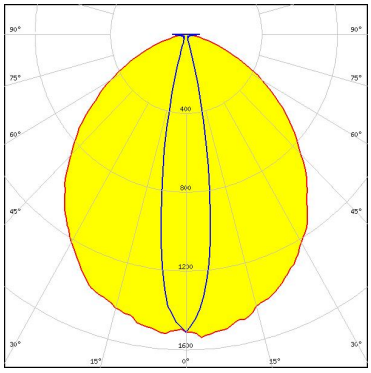
CREE

LED	XHP35 HI
FWHM	86.0 + 11.0°
Efficiency	93 %
Peak intensity	2.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XHP50.2
FWHM	96.0 + 19.0°
Efficiency	94 %
Peak intensity	1.540 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON H50-2
FWHM	10.0 + 65.0°
Efficiency	92 %
Peak intensity	3.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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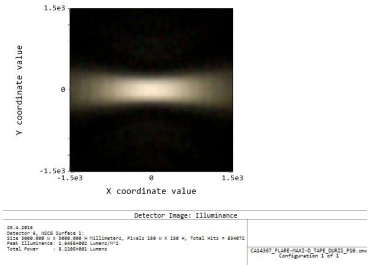
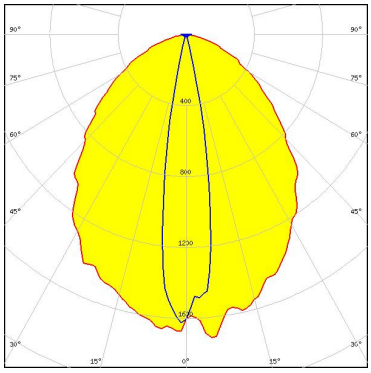
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	88.0 + 17.0°
Efficiency	93 %
Peak intensity	1.760 cd/lm
LEDs/each optic	1
Light colour	White
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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