

FLARE-MAXI-D-TAPE

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

SPECIFICATION:

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

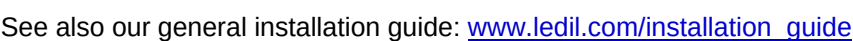


MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-MAXI-D	Single lens	PMMA	clear	
FLARE-MAXI-TAPE	Tape	Acrylic foam	clear	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14367_FLARE-MAXI-D-TAPE	Single lens	864	144	72	10.0
» Box size: 457 x 260 x 260 mm					



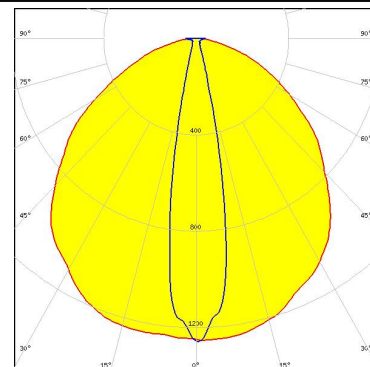
OPTICAL RESULTS (MEASURED):



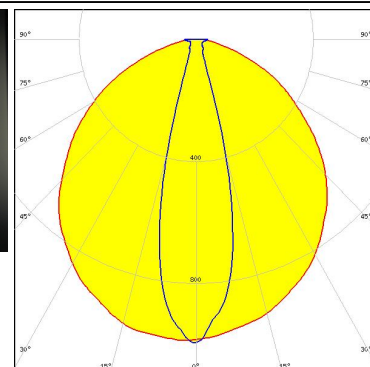
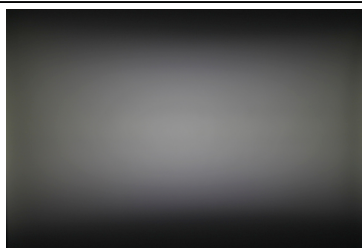
LED MK-R
FWHM / FWTM 100.0 + 23.0° / 184.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50
FWHM / FWTM 109.0 + 20.0° / 155.0 + 35.0°
Efficiency 92 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP70
FWHM / FWTM 107.0 + 27.0° / 154.0 + 42.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L
FWHM / FWTM 110.0 + 15.0° / 178.0°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):



LED XM-L2
 FWHM / FWTM 101.0 + 17.0° / 174.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



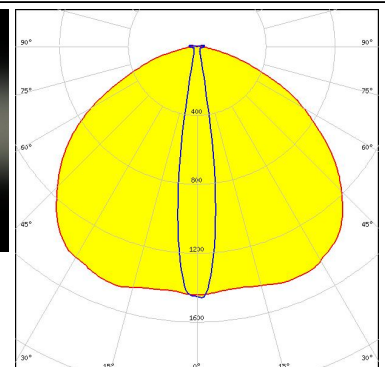
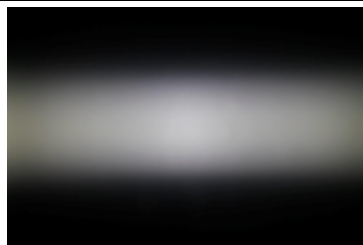
LED XP-G
 FWHM / FWTM 115.0 + 15.0° / 178.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM / FWTM 106.0 + 14.0° / 174.0°
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



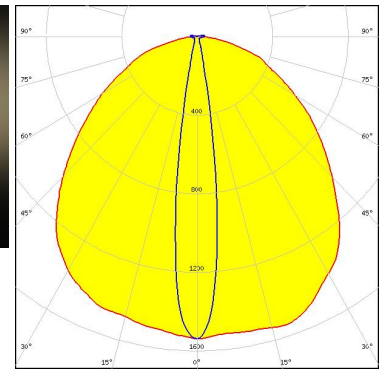
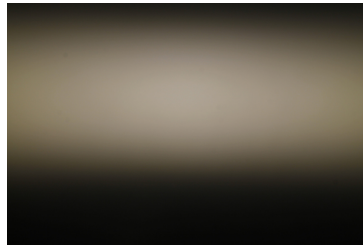
LED XP-L HD
 FWHM / FWTM 119.0 + 16.0° / 154.0 + 27.0°
 Efficiency 94 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):



LED XP-L2
 FWHM / FWTM 107.0 + 16.0° / 158.0 + 28.0°
 Efficiency 92 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM / FWTM 117.0 + 14.0° / 185.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON A
 FWHM / FWTM 104.0 + 12.0° / 172.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON M/MX
 FWHM / FWTM 102.0 + 25.0° / 185.0°
 Efficiency 94 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

LUMILEDS

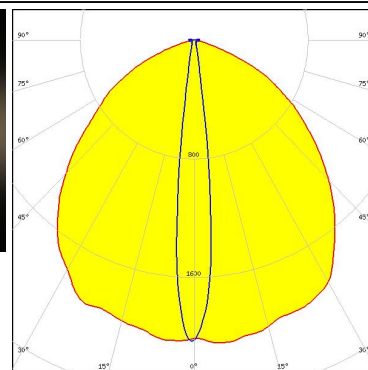
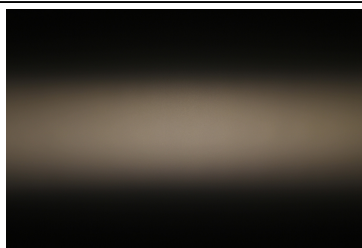
LED LUXEON Rebel ES
 FWHM / FWTM 104.0 + 13.0° / 175.0°
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON T
 FWHM / FWTM 102.0 + 13.0° / 174.0°
 Efficiency 92 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON TX
 FWHM / FWTM 103.0 + 13.0° / 143.0°
 Efficiency 93 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NCSxx19B
 FWHM / FWTM 107.0 + 13.0° / 179.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

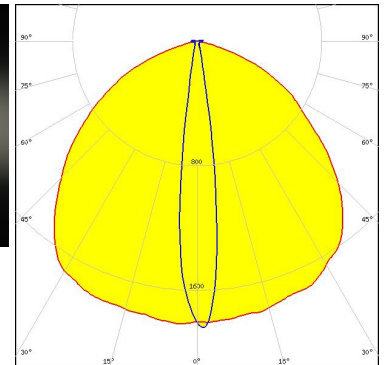
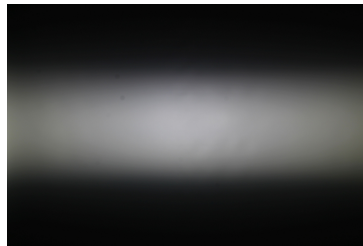
OPTICAL RESULTS (MEASURED):



LED NS9x383
 FWHM / FWTM 110.0 + 16.0° / 182.0°
 Efficiency 93 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



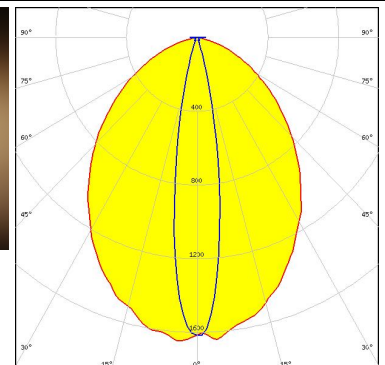
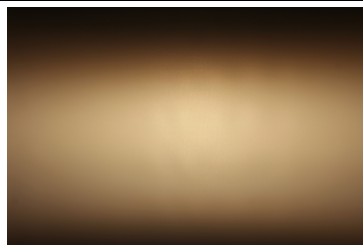
LED NVSW219F
 FWHM / FWTM 108.0 + 14.0° / 146.0 + 24.0°
 Efficiency 93 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 116.0 + 13.0° / 179.0°
 Efficiency 94 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S10
 FWHM / FWTM 92.0 + 21.0° / 142.0 + 40.0°
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

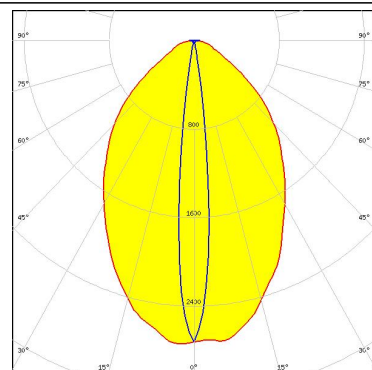


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 99.0 + 14.0° / 176.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



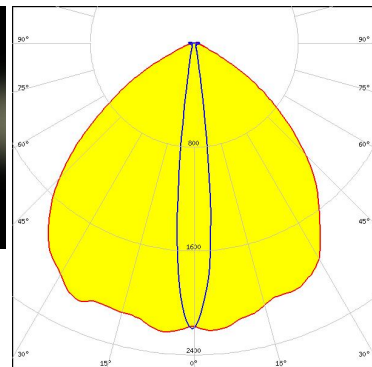
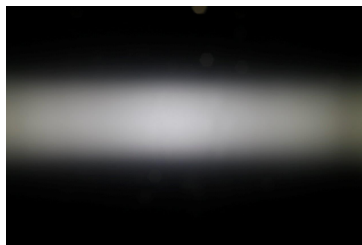
OSRAM

Opto Semiconductors

LED OSLON Square PC
FWHM / FWTM 104.0 + 12.0° / 175.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

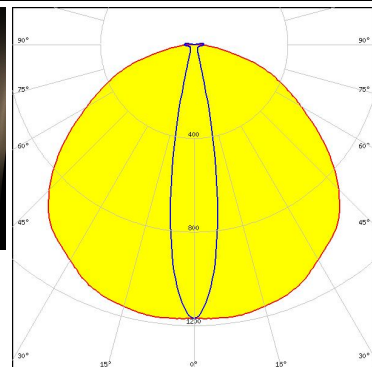
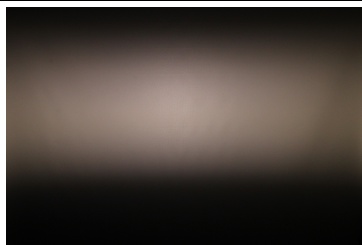
SAMSUNG

LED LH351Z
FWHM / FWTM 97.0 + 13.0° / 128.0 + 22.0°
Efficiency 94 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

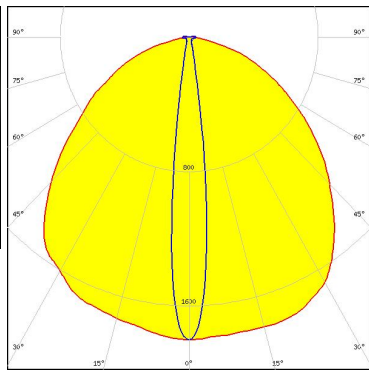
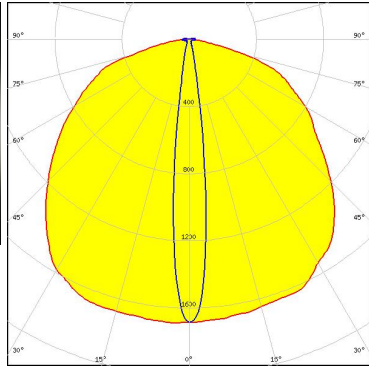
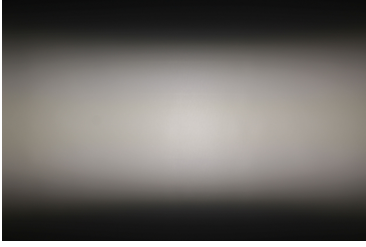
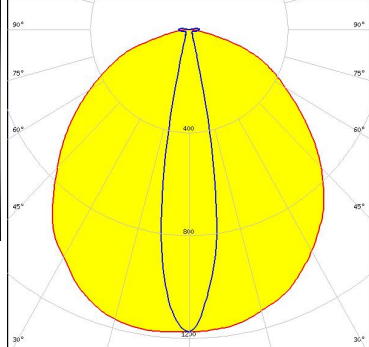


SEOUL SEMICONDUCTOR

LED WICOP 5050
FWHM / FWTM 115.0 + 19.0° / 160.0 + 33.0°
Efficiency 91 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



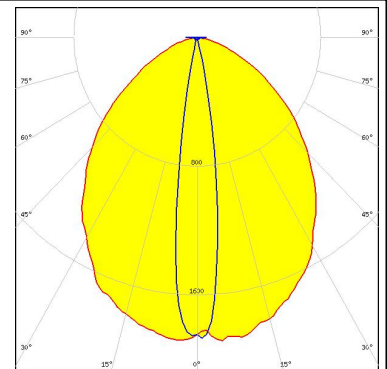
OPTICAL RESULTS (MEASURED):

 SEOUL SEMICONDUCTOR LED Z5M1/Z5M2 FWHM / FWTM 104.0 + 14.0° / 169.0° Efficiency 94 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEOUL SEMICONDUCTOR LED Z5M3 FWHM / FWTM 108.0 + 13.0° / 155.0 + 24.0° Efficiency 94 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components:	 
 SEOUL SEMICONDUCTOR LED Z8Y22P FWHM / FWTM 116.0 + 13.0° / 158.0 + 25.0° Efficiency 92 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:	 
 SEOUL SEMICONDUCTOR LED Z8Y50P FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:	 

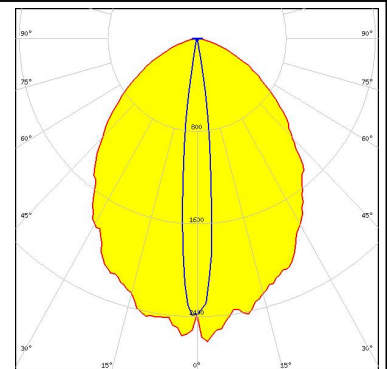
OPTICAL RESULTS (SIMULATED):



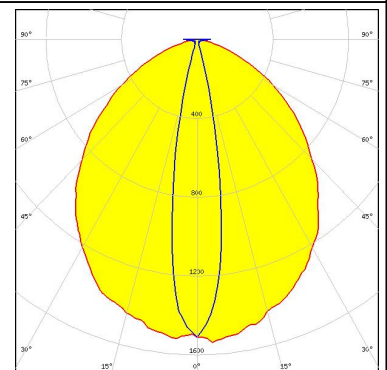
LED XHP35 HD
 FWHM / FWTM 92.0 + 15.0° / 142.0 + 25.0°
 Efficiency 92 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP35 HI
 FWHM / FWTM 86.0 + 11.0° / 140.0 + 20.0°
 Efficiency 93 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP50.2
 FWHM / FWTM 96.0 + 19.0° / 146.0 + 32.0°
 Efficiency 94 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON H50-2
 FWHM / FWTM 10.0 + 65.0° / 144.0°
 Efficiency 92 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

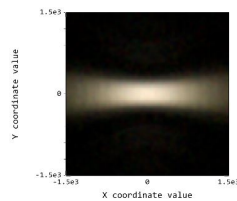
LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	OSCONIQ P 7070
FWHM / FWTM	88.0 + 17.0° / 144.0 + 27.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

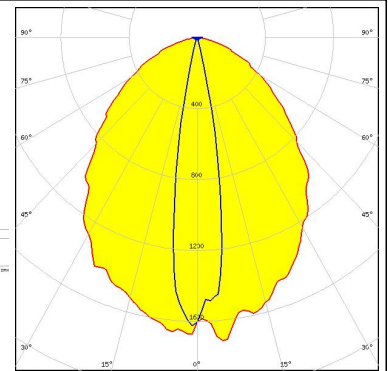


Detector Image: Illuminance

```

28.4.2016
Detector 4, HSCG Surface 1:
Size 3000.000 W X 3000.000 H Millimeters, Pixels 150 W X 150 H, Total Hits = 11407
Peak Illuminance: 1.646E+002 Lumens/m²
Total Power : 8.220E+001 Lumens

```



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)