

## FLARE-MAXI-D-TAPE

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

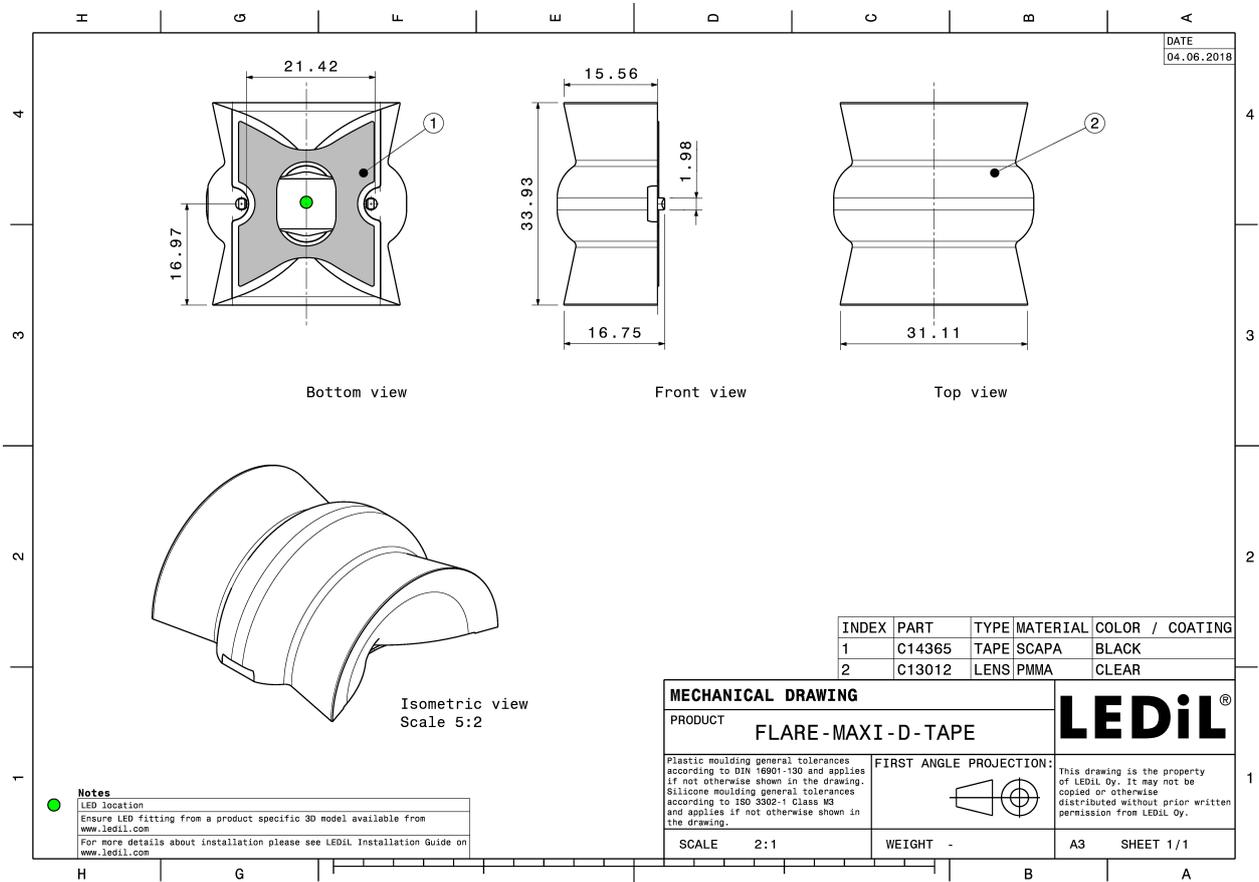
### TECHNICAL SPECIFICATIONS:

Dimensions	33.9 + 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	Lens	PMMA	clear
FLARE-MAXI-TAPE	Tape	PU tape	clear



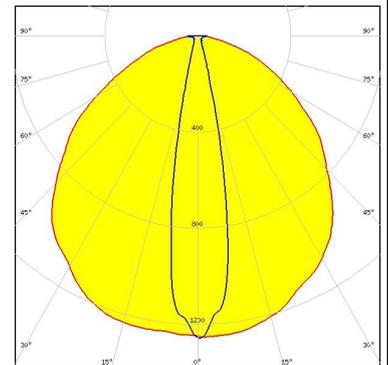
#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED MK-R  
FWHM 100.0 + 23.0°  
Efficiency 92 %  
Peak intensity 1.200 cd/lm  
Required components:

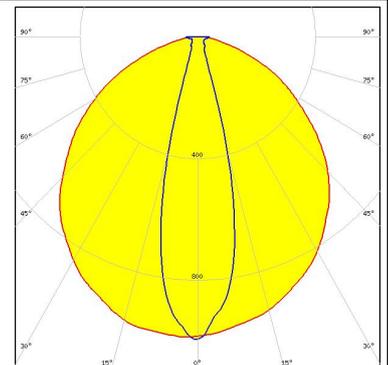
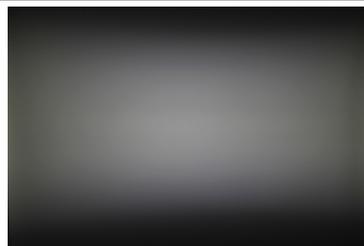
#### CREE

LED XHP50  
FWHM 109.0 + 20.0°  
Efficiency 92 %  
Peak intensity 1.300 cd/lm  
Required components:



#### CREE

LED XHP70  
FWHM 107.0 + 27.0°  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
Required components:



#### CREE

LED XM-L  
FWHM 110.0 + 15.0°  
Efficiency 94 %  
Peak intensity 1.700 cd/lm  
Required components:

#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XM-L2  
FWHM 101.0 + 17.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:

#### CREE

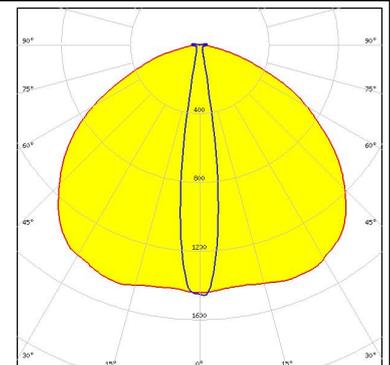
LED XP-G  
FWHM 115.0 + 15.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:

#### CREE

LED XP-G2  
FWHM 106.0 + 14.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:

#### CREE

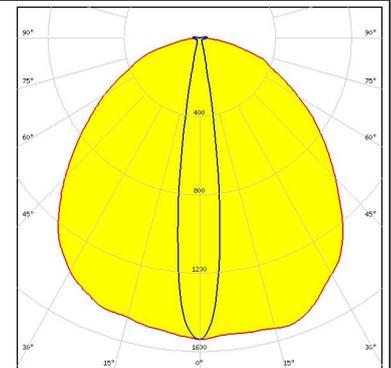
LED XP-L  
FWHM 119.0 + 16.0°  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):



LED XP-L2  
FWHM 107.0 + 16.0°  
Efficiency 92 %  
Peak intensity 1.500 cd/lm  
Required components:



LED XT-E  
FWHM 117.0 + 14.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:



LED LUXEON A  
FWHM 104.0 + 12.0°  
Efficiency 94 %  
Peak intensity 2.100 cd/lm  
Required components:



LED LUXEON M/MX  
FWHM 102.0 + 25.0°  
Efficiency 94 %  
Peak intensity 1.400 cd/lm  
Required components:

#### PHOTOMETRIC DATA (MEASURED):

##### LUMILEDS

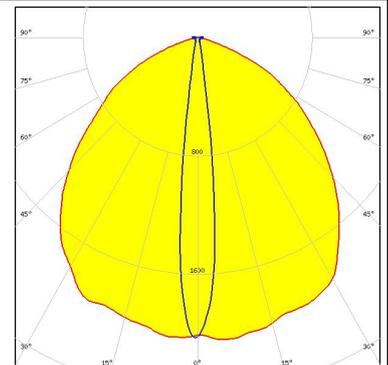
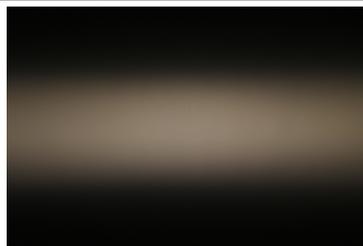
LED LUXEON Rebel ES  
FWHM 104.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:

##### LUMILEDS

LED LUXEON T  
FWHM 102.0 + 13.0°  
Efficiency 92 %  
Peak intensity 1.800 cd/lm  
Required components:

##### LUMILEDS

LED LUXEON TX  
FWHM 103.0 + 13.0°  
Efficiency 93 %  
Peak intensity 2.060 cd/lm  
Required components:



##### NICHIA

LED NCSxx19B  
FWHM 107.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.100 cd/lm  
Required components:

#### PHOTOMETRIC DATA (MEASURED):



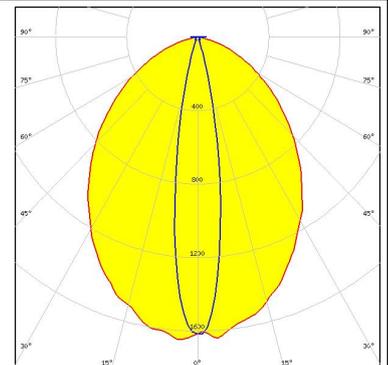
LED NS9x383  
FWHM 110.0 + 16.0°  
Efficiency 93 %  
Peak intensity 1.500 cd/lm  
Required components:



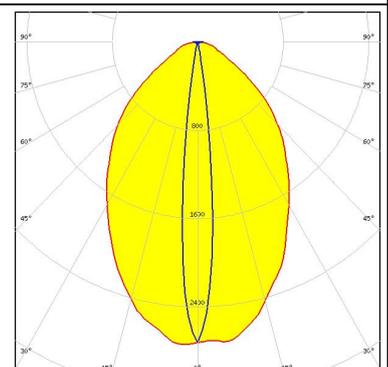
LED NVSxx19B/NVSxx19C  
FWHM 116.0 + 13.0°  
Efficiency 94 %  
Peak intensity 1.700 cd/lm  
Required components:



LED Duris S10  
FWHM 92.0 + 21.0°  
Efficiency 93 %  
Peak intensity 1.400 cd/lm  
Required components:



LED Oslon Square EC  
FWHM 99.0 + 14.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

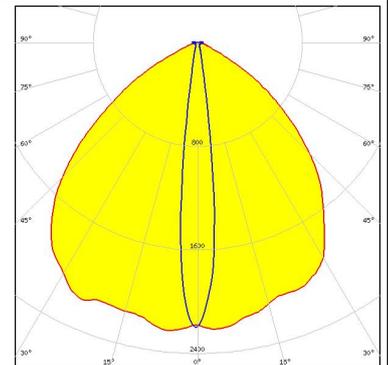
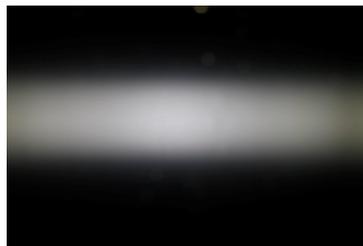
#### OSRAM

Opto Semiconductors

LED Oslon Square PC  
FWHM 104.0 + 12.0°  
Efficiency 94 %  
Peak intensity 2.000 cd/lm  
Required components:

#### SAMSUNG

LED LH351Z  
FWHM 97.0 + 13.0°  
Efficiency 94 %  
Peak intensity 2.200 cd/lm  
Required components:



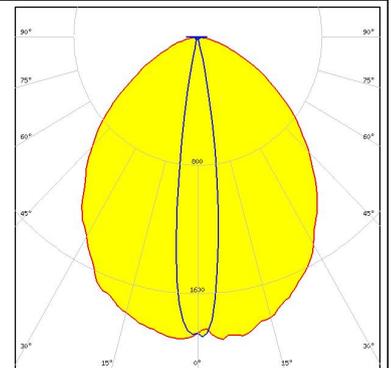
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 104.0 + 14.0°  
Efficiency 94 %  
Peak intensity 2.100 cd/lm  
Required components:

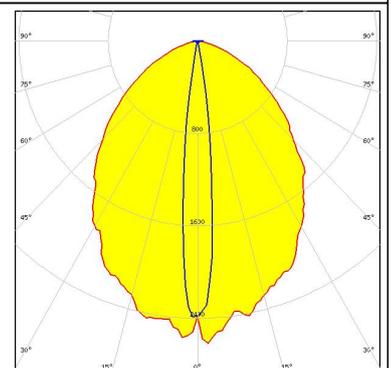
#### PHOTOMETRIC DATA (SIMULATED):



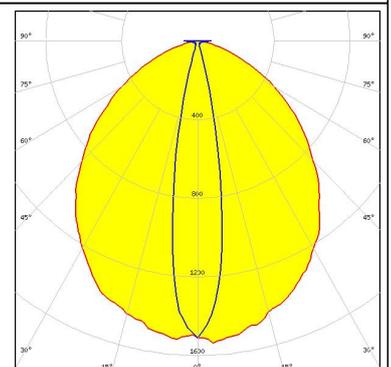
LED XHP35 HD  
FWHM 92.0 + 15.0°  
Efficiency 92 %  
Peak intensity 1.900 cd/lm  
Required components:



LED XHP35 HI  
FWHM 86.0 + 11.0°  
Efficiency 93 %  
Peak intensity 2.600 cd/lm  
Required components:



LED XHP50.2  
FWHM 96.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.540 cd/lm  
Required components:

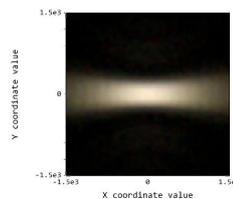


LED LUXEON H50-2  
FWHM 10.0 + 65.0°  
Efficiency 92 %  
Peak intensity 3.300 cd/lm  
Required components:

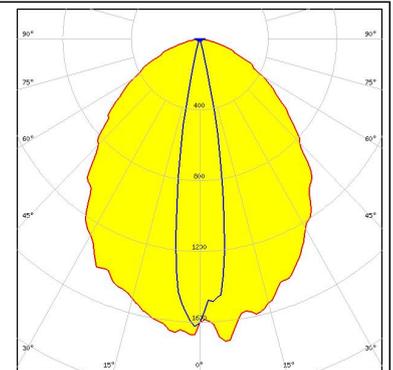
#### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED                    OSCONIQ P 7070  
FWHM                88.0 + 17.0°  
Efficiency            93 %  
Peak intensity       1.760 cd/lm  
Required components:



Detector image: Illuminance  
OSRAM FLARE-MAXI-D-TAPE SUBSTRATE  
Configuration: 1 of 1



#### 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

#### 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)