

## 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
ROHS compliant	yes ⓘ

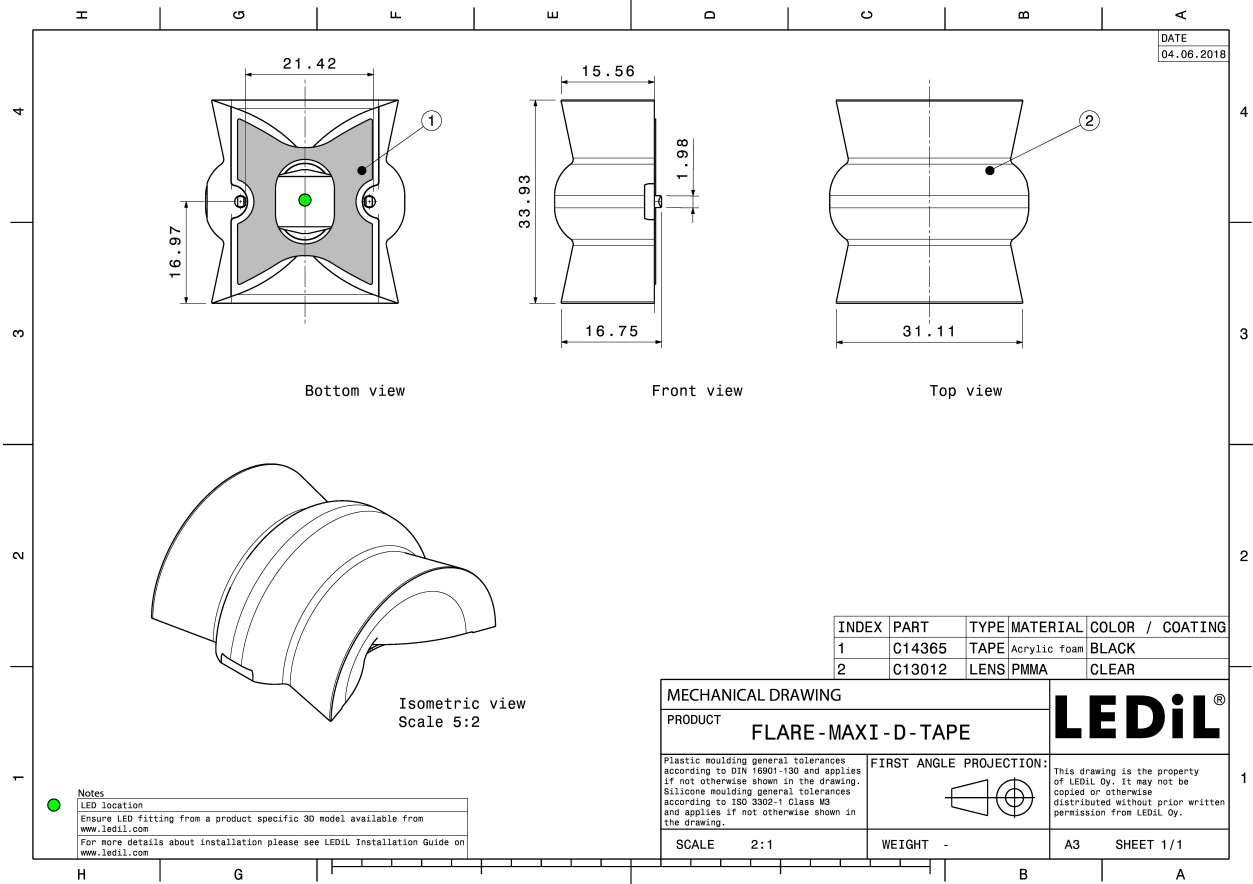


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

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



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

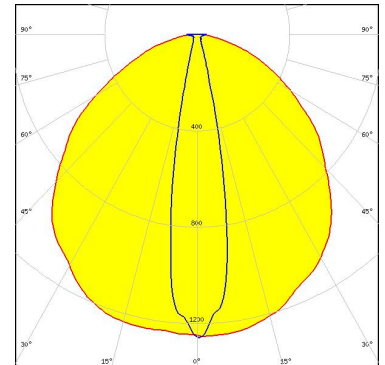
#### PHOTOMETRIC DATA (MEASURED):

##### CREE → LED

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:

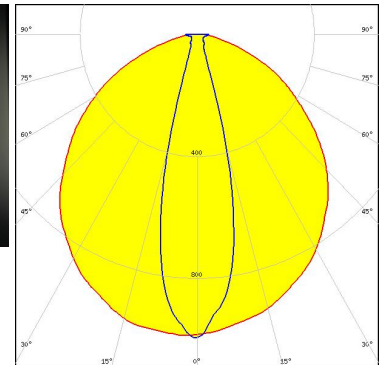
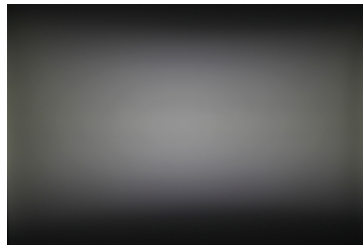
##### CREE → LED

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:



##### CREE → LED

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:



##### CREE → LED

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:

#### PHOTOMETRIC DATA (MEASURED):

##### CREE LED

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

##### CREE LED

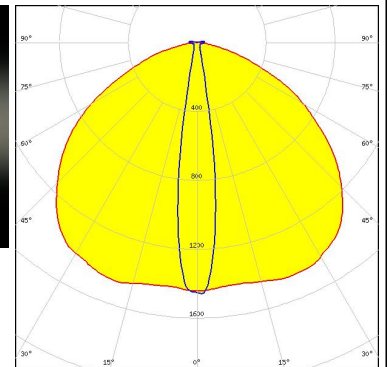
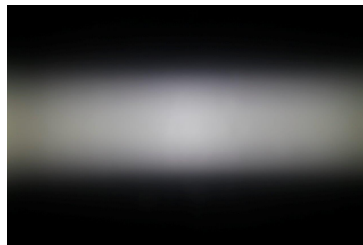
LED XP-G  
 FWHM / FWTM 115.0 + 15.0° / 178.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:

##### CREE LED

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

##### CREE LED

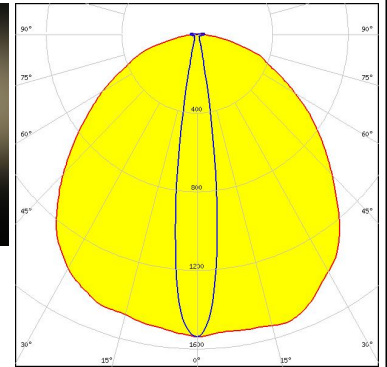
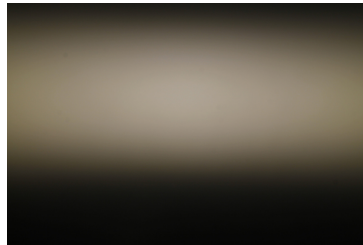
LED XP-L HD  
 FWHM / FWTM 119.0 + 16.0° / 154.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

##### CREE LED

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:



##### CREE LED

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:

##### LUMILEDS

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:

##### LUMILEDS

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:

#### PHOTOMETRIC DATA (MEASURED):

##### LUMILEDS

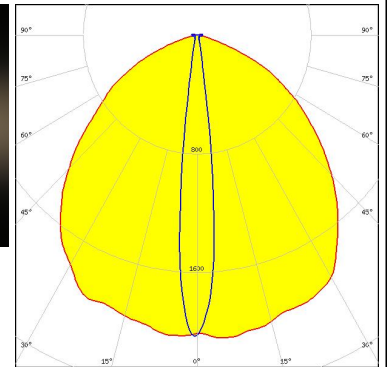
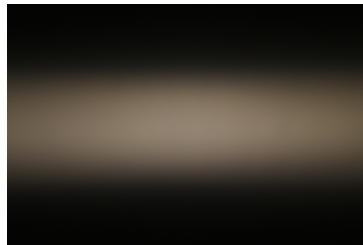
LED LUXEON Rebel ES  
FWHM / FWTM 104.0 + 13.0° / 175.0°  
Efficiency 94 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### 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:

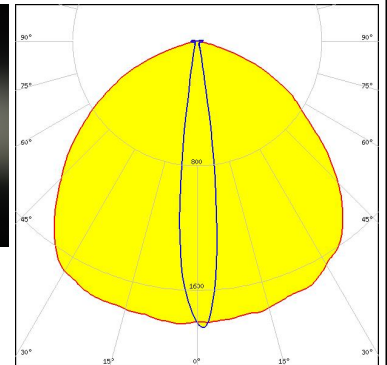
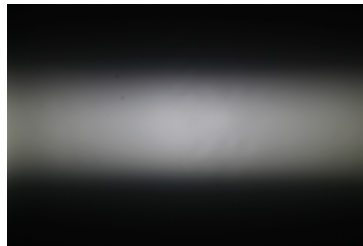
#### PHOTOMETRIC DATA (MEASURED):



**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:**



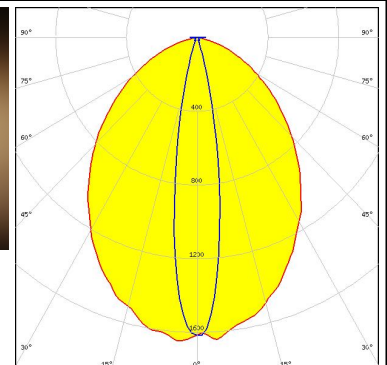
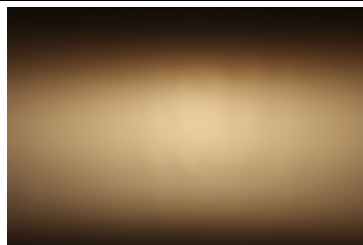
**LED** NVSW219F  
**FWHM / FWTM** 108.0 + 14.0° / 146.0 + 24.0°  
**Efficiency** 93 %  
**Peak intensity** 1.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**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:**

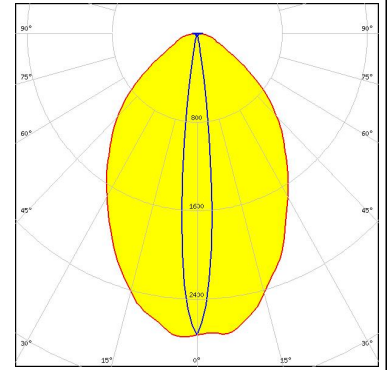


#### PHOTOMETRIC DATA (MEASURED):

#### 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:



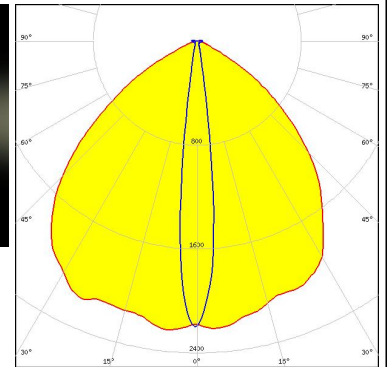
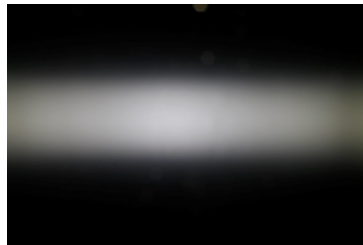
#### OSRAM

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:



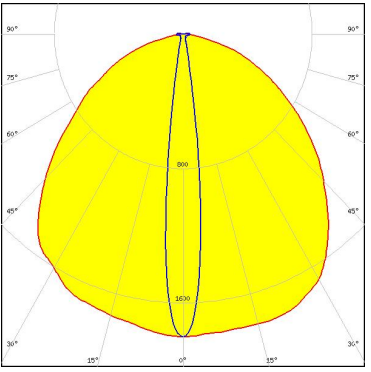


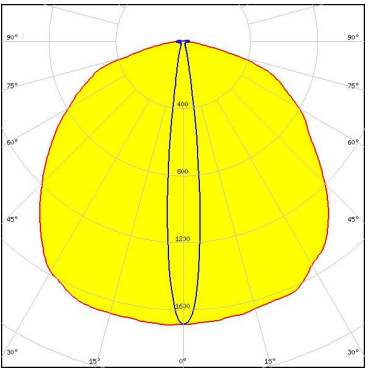

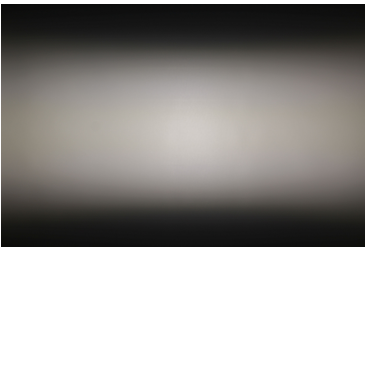
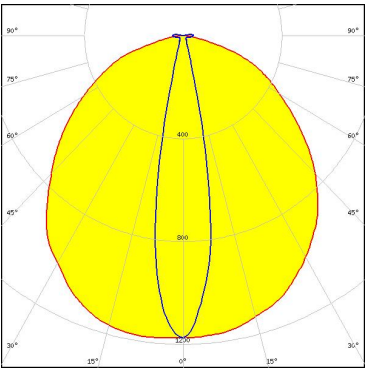


SEOUL SEMICONDUCTOR

LED 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:



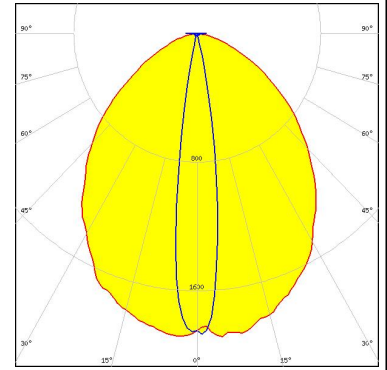
#### PHOTOMETRIC DATA (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 108.0 + 13.0° / 155.0 + 24.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 116.0 + 13.0° / 158.0 + 25.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y50P</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

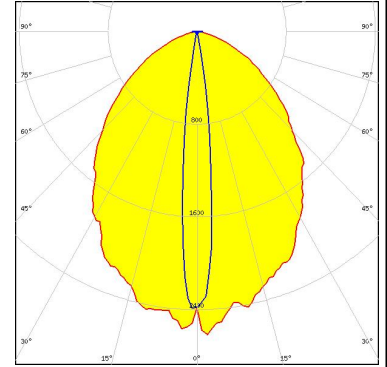
#### PHOTOMETRIC DATA (SIMULATED):



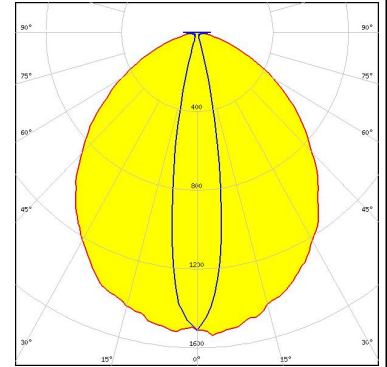
LED XHP35 HD  
 FWHM / FWTM 92.0 + 15.0° / 142.0 + 25.0°  
 Efficiency 92 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:

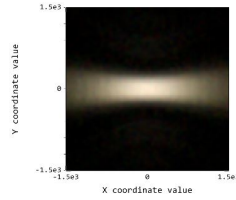


LED LUXEON H50-2  
 FWHM / FWTM 10.0 + 65.0° / 144.0°  
 Efficiency 92 %  
 Peak intensity 3.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### PHOTOMETRIC DATA (SIMULATED):

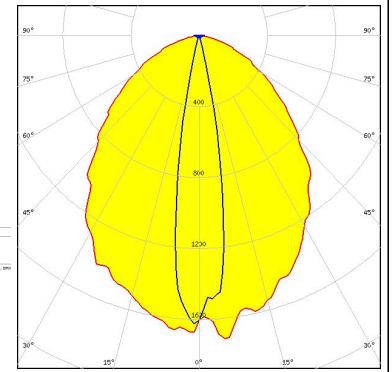
**OSRAM**  
Opto Semiconductors

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

04.0.2018  
OSRAM AG, LED-Service-Team  
1114 000 000 (1) 1 000 000-0 (LED-Service-Team)  
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1114 000 000 (1) 1 000 000-0 (LED-Service-Team)



#### 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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