

## MIRA-W

~40° wide beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.4 mm
Height	14.7 mm
Fastening	glue
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

Component	Type
MIRA-W	Single lens



Material	Colour	Finish
PC	clear	

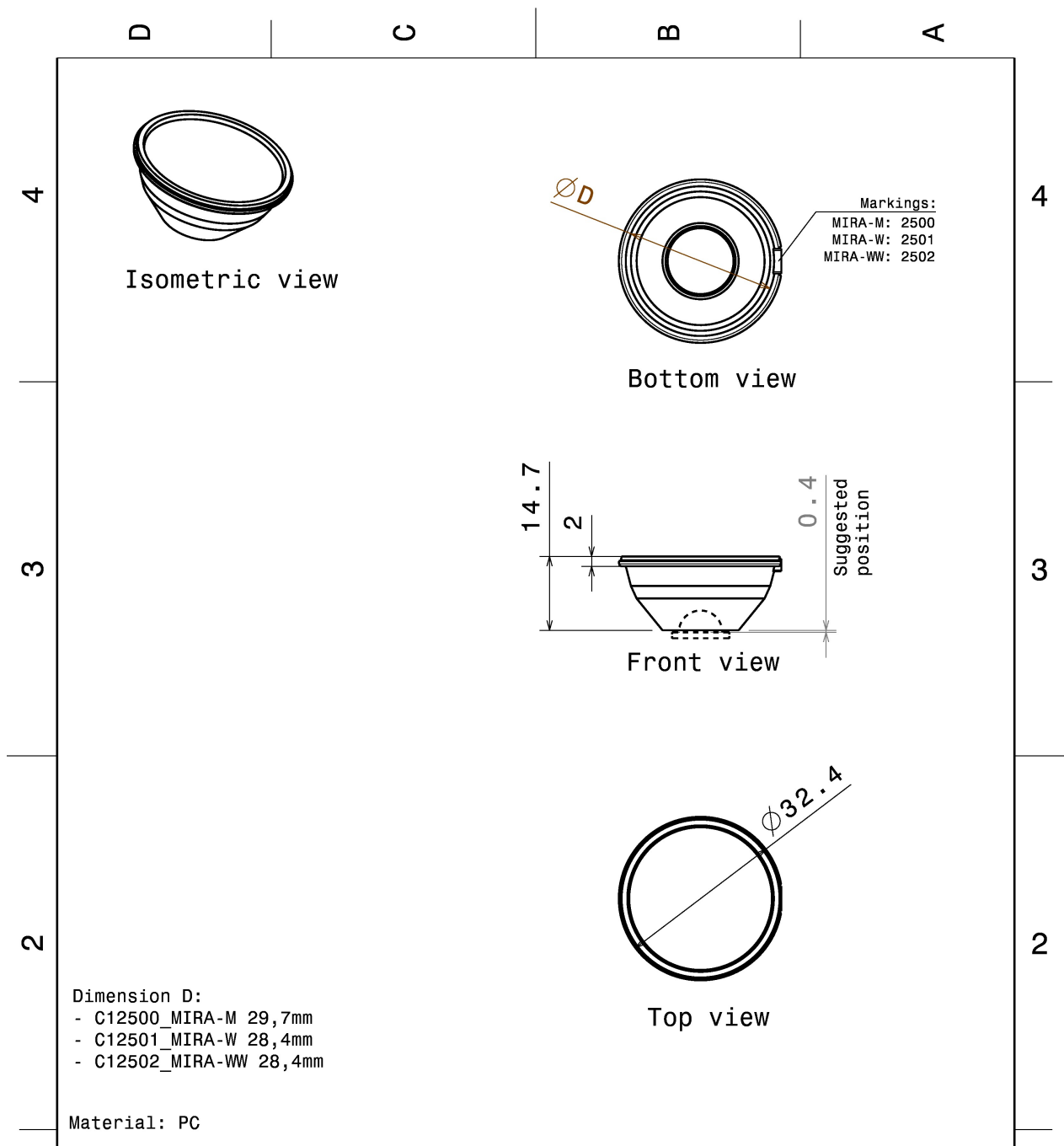
### ORDERING INFORMATION:

#### Component

C12501\_MIRA-W


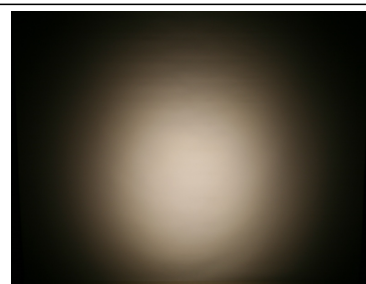




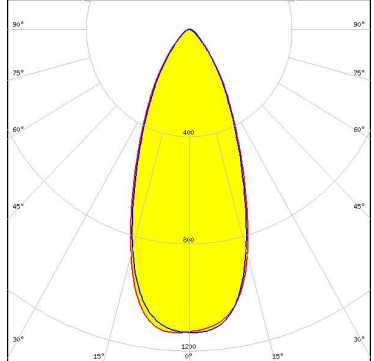
» Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
840	120	60	7.2



This drawing is our property. It can't be reproduced or communicated without our written agreement.		<b>LEDiL</b> <small>A WORLD OF INNOVATION</small>		Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWN BY mav		DATE 02.04.2012		<b>DRAWING TITLE</b> Datasheet MIRA lens	
CHECKED BY sn		DATE 02.04.2012			
DESIGNED BY mav		DATE 29.11.2011		SIZE <b>A4</b>	DRAWING NUMBER -
		SCALE 1:1	WEIGHT (g)		REV <b>1</b>
					SHEET 1/1

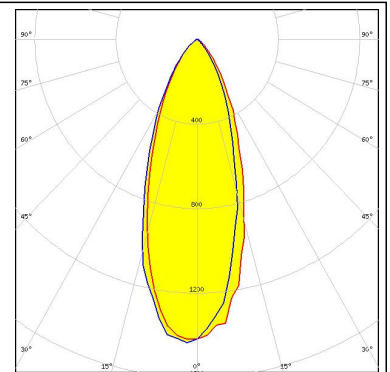
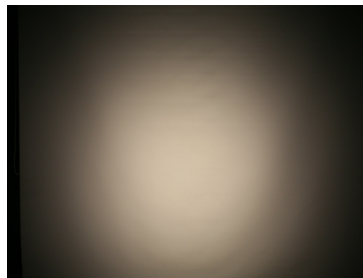
**PHOTOMETRIC DATA (MEASURED):**

<p>bridgelux</p> <p>LED BXRA ES Star FWHM 39.0° Efficiency 82 % LEDs/each optic 1 Light colour White Required components:</p>	
<p>bridgelux</p> <p>LED V10 Gen6 FWHM 44.0° Efficiency 77 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p><b>CREE</b> </p> <p>LED CXA/B 15xx FWHM 39.0° Efficiency 80 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p><b>CREE</b> </p> <p>LED MHD-E/G FWHM 43.0° Efficiency 81 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 

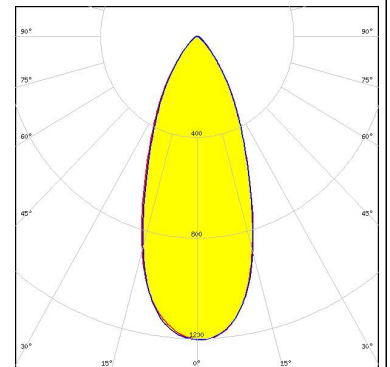
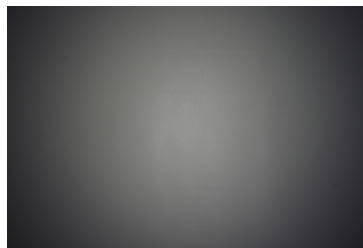
#### PHOTOMETRIC DATA (MEASURED):



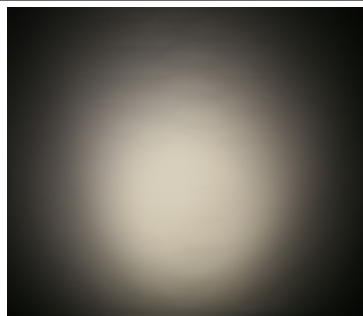
LED MT-G  
 FWHM 38.0°  
 Efficiency 80 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



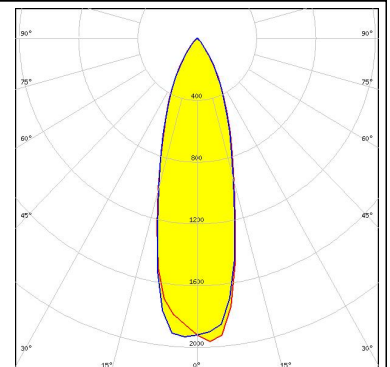
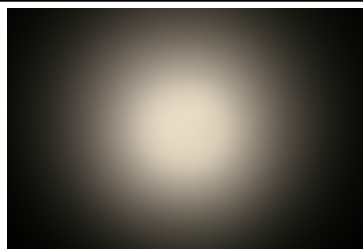
LED XHP70  
 FWHM 42.0°  
 Efficiency 80 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




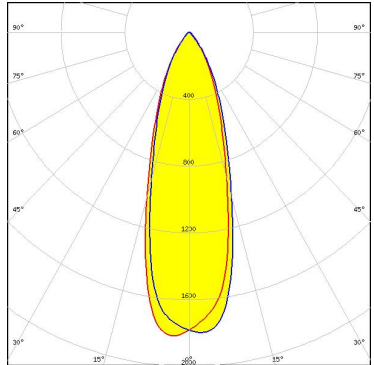
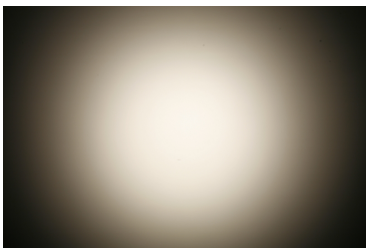
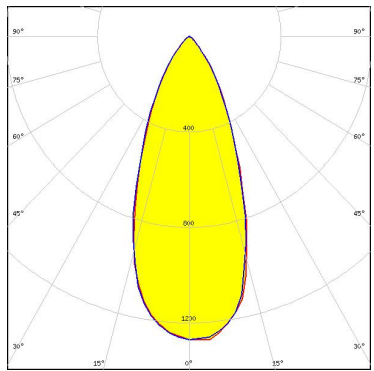
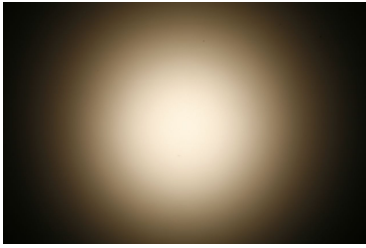
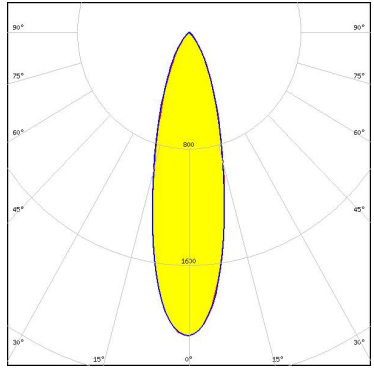
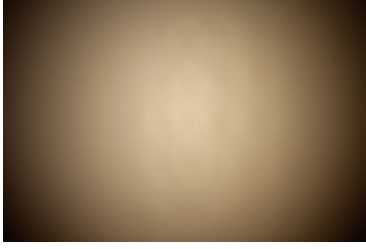

LED LUXEON M/MX  
 FWHM 39.0°  
 Efficiency 82 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



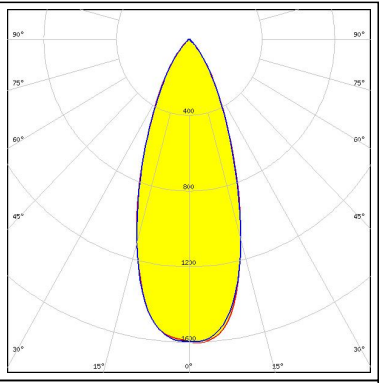
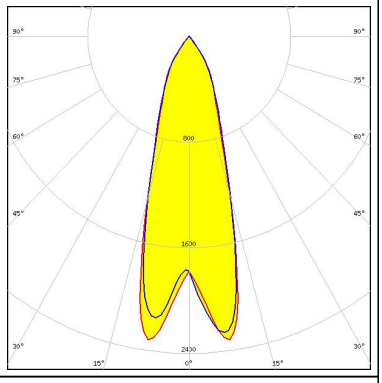
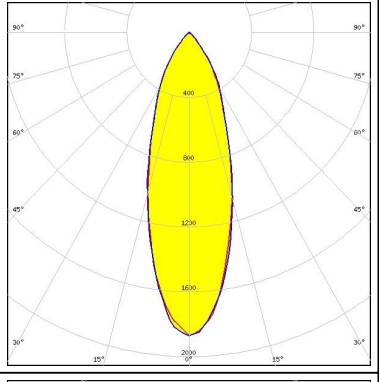
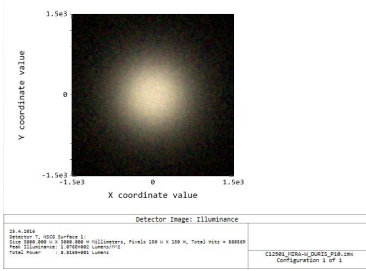
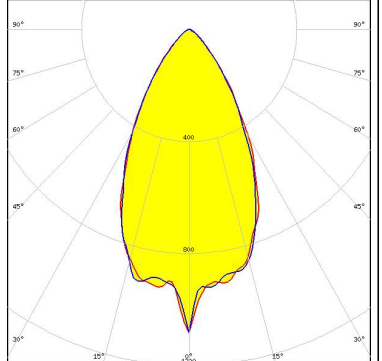
LED LUXEON MZ  
 FWHM 31.0°  
 Efficiency 79 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NFMW48xA            FWHM 32.0°            Efficiency 80 %            Peak intensity 1.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NSCxL036A            FWHM 42.0°            Efficiency 79 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NSMx286M            FWHM 28.0°            Efficiency 77 %            Peak intensity 2.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Duris S10            FWHM 34.0°            Efficiency 83 %            Peak intensity 1.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

### PHOTOMETRIC DATA (SIMULATED):

<p><b>bridgelux</b></p> <p>LED: VERO10            FWHM: 38.8°            Efficiency: 88 %            Peak intensity: 1.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5258            FWHM: 31.0°            Efficiency: 92 %            Peak intensity: 2.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON K4            FWHM: 34.0°            Efficiency: 87 %            Peak intensity: 1.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: OSCONIQ P 7070            FWHM: 51.0°            Efficiency: 91 %            Peak intensity: 1.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	 <p>Detector Image: Illuminance</p> <p>24.4.2014            Standard: 1075 Surface 1            Size: 2000.000 (X) x 2000.000 (Y) Illuminance: Pixels: 128 (X) x 128 (Y), Total: 16384            Peak Illuminance: 2.000000 (cd/m²)            Peak Value: 2.000000 (cd/m²)</p> <p>C:\2014\T04000\04000_028_000            Configuration 1 of 1</p>	

### 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### 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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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.