

MIRA-W

~40° wide beam

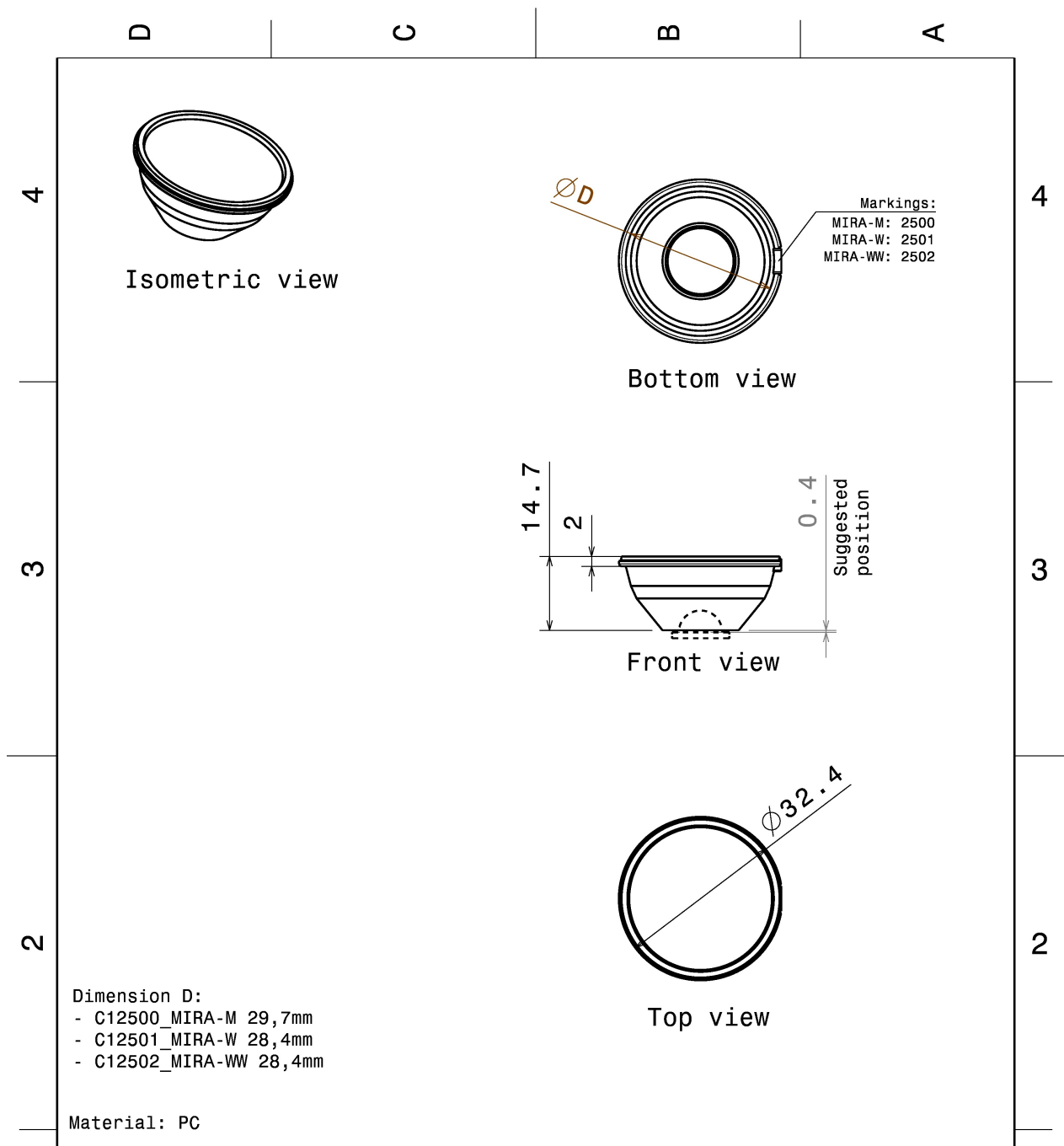
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.4 mm
Height	14.7 mm
Fastening	glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.2 kg
Quantity in Box	840 pcs
ROHS compliant	yes ⓘ




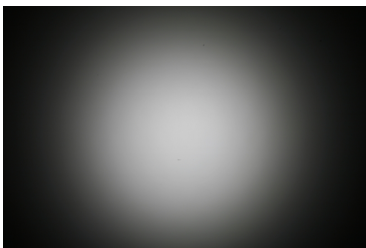

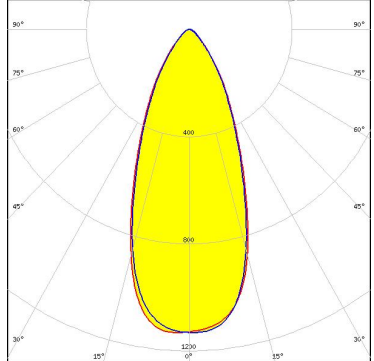

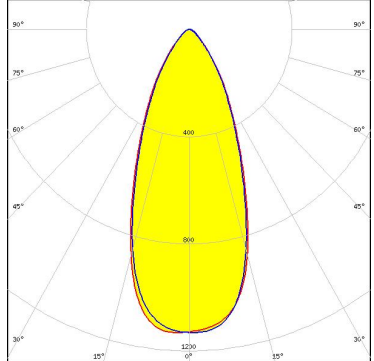
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
MIRA-W	Lens	PC	clear



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

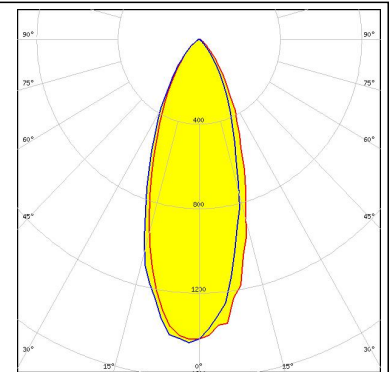
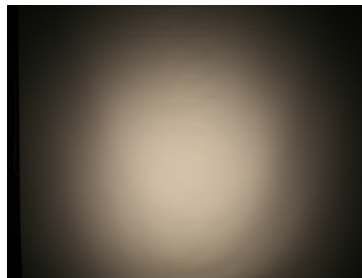
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED BXRA ES Star</p> <p>FWHM 39.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity cd/lm</p> <p>Required components:</p>	
<p>bridgelux.</p> <p>LED V10 Gen6</p> <p>FWHM 44.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.250 cd/lm</p> <p>Required components:</p>	
<p>CREE ⇄</p> <p>LED CXA/B 15xx</p> <p>FWHM 39.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>Required components:</p>	 
<p>CREE ⇄</p> <p>LED MHD-E/G</p> <p>FWHM 43.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>Required components:</p>	 

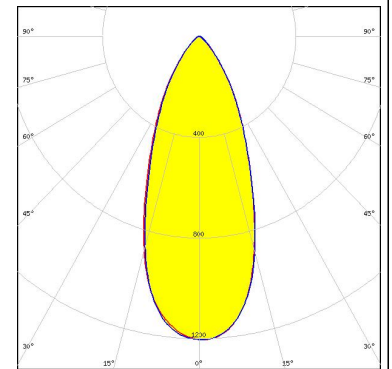
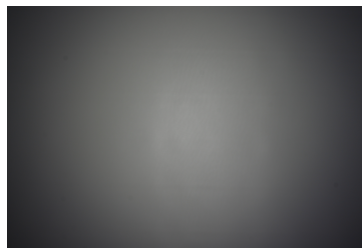
PHOTOMETRIC DATA (MEASURED):



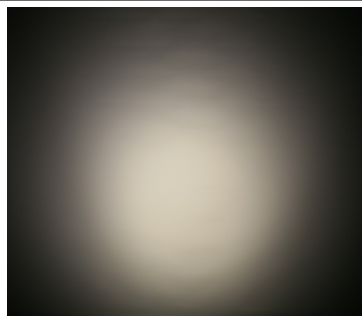
LED MT-G
FWHM 38.0°
Efficiency 80 %
Peak intensity 1.400 cd/lm
Required components:



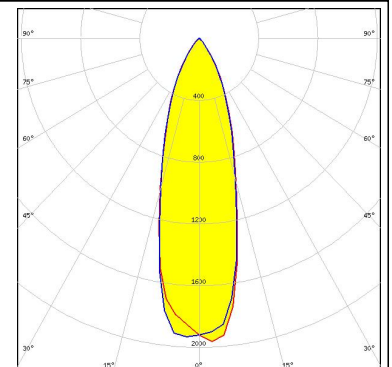
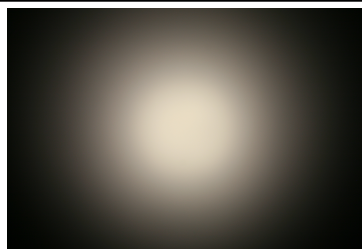
LED XHP70
FWHM 42.0°
Efficiency 80 %
Peak intensity 1.200 cd/lm
Required components:



LED LUXEON M/MX
FWHM 39.0°
Efficiency 82 %
Peak intensity cd/lm
Required components:



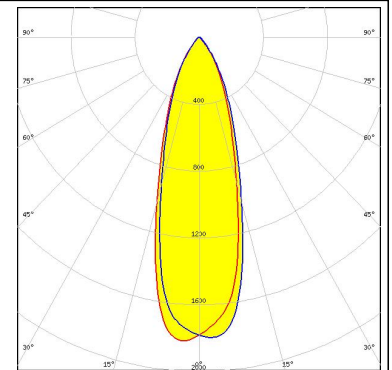
LED LUXEON MZ
FWHM 31.0°
Efficiency 79 %
Peak intensity 2.000 cd/lm
Required components:



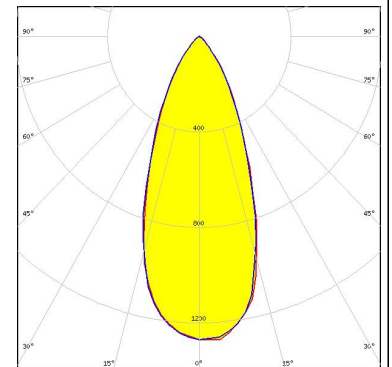
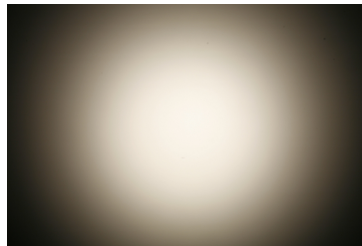
PHOTOMETRIC DATA (MEASURED):



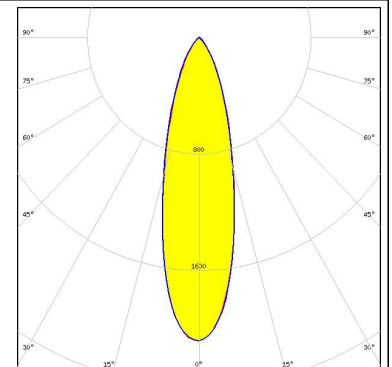
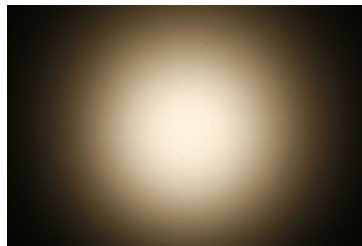
LED NFMW48xA
 FWHM 32.0°
 Efficiency 80 %
 Peak intensity 1.800 cd/lm
 Required components:



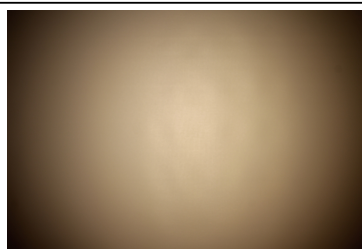
LED NSCxL036A
 FWHM 42.0°
 Efficiency 79 %
 Peak intensity 1.300 cd/lm
 Required components:



LED NSMx286M
 FWHM 28.0°
 Efficiency 77 %
 Peak intensity 2.090 cd/lm
 Required components:



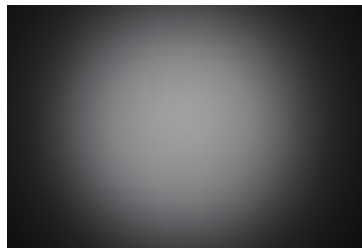
LED Duris S10
 FWHM 34.0°
 Efficiency 83 %
 Peak intensity 1.900 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

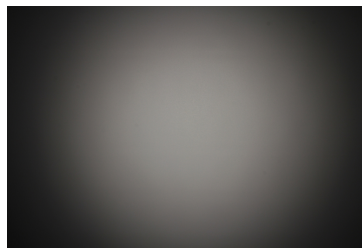
OSRAM
Opto Semiconductors

LED Soleriq P6
FWHM 36.0°
Efficiency 77 %
Peak intensity 1.650 cd/lm
Required components:



OSRAM
Opto Semiconductors

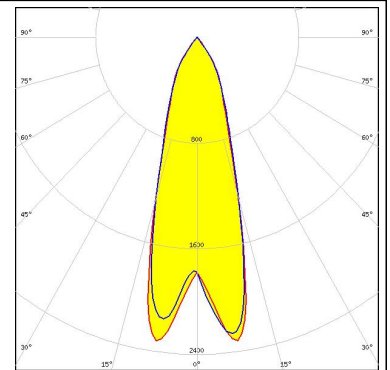
LED Soleriq P9
FWHM 40.0°
Efficiency 77 %
Peak intensity 1.370 cd/lm
Required components:



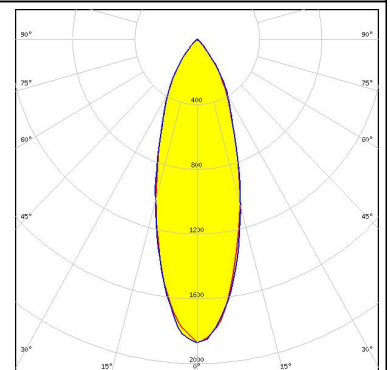
PHOTOMETRIC DATA (SIMULATED):



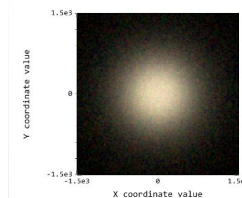
LED LUXEON 5258
 FWHM 31.0°
 Efficiency 92 %
 Peak intensity 2.300 cd/m²
 Required components:



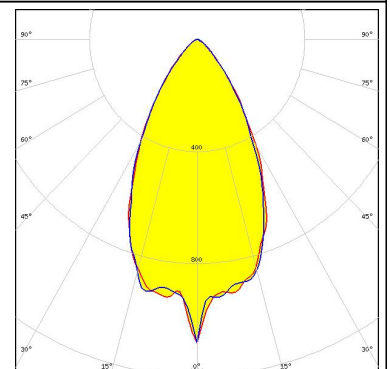
LED LUXEON K4
 FWHM 34.0°
 Efficiency 87 %
 Peak intensity 1.800 cd/m²
 Required components:



LED OSCONIQ P 7070
 FWHM 51.0°
 Efficiency 91 %
 Peak intensity 1.080 cd/m²
 Required components:



Detector image: Illuminance
 20.0.0000
 Detector: 1.0000 Surface: 1
 Size: 1000.000 x 1000.000
 Field: 1000.000 x 1000.000
 Total Illuminance: 1.080000
 Total Power: 1.080000
 Configuration: 1.0.0.0



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.

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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