

MIRA-WW

~60° wide beam

SPECIFICATION:

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

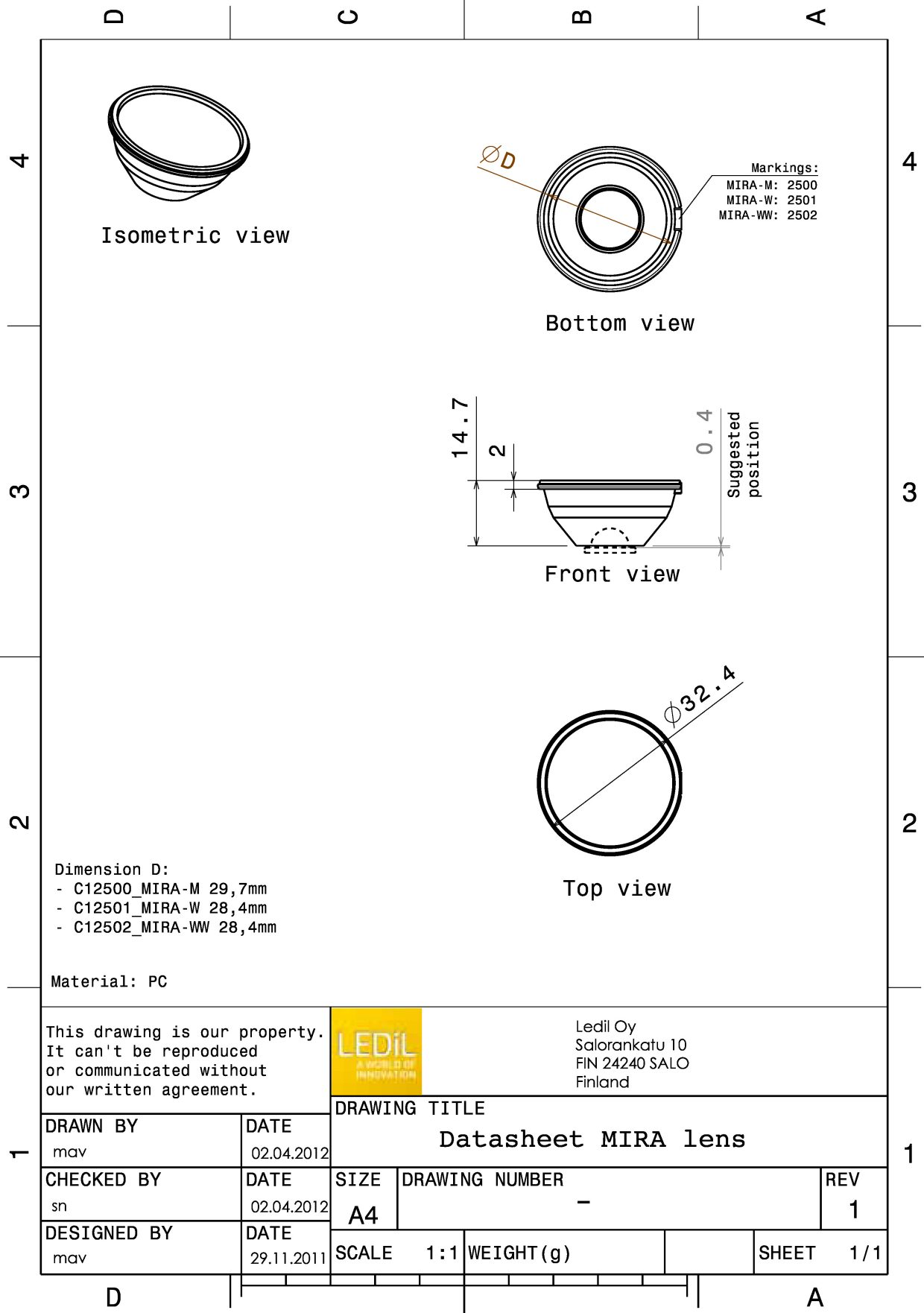
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
MIRA-WW	Single lens	PC	clear		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12502_MIRA-WW » Box size: 480 x 280 x 300 mm	840	120	60	7.3

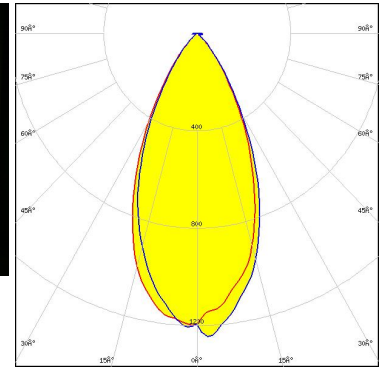


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



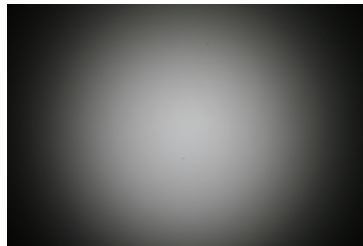
LED BXRA ES Star
 FWHM / FWTM 54.0° / 88.0°
 Efficiency 83 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED V10 Gen6
 FWHM / FWTM 56.0° / 92.0°
 Efficiency 78 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

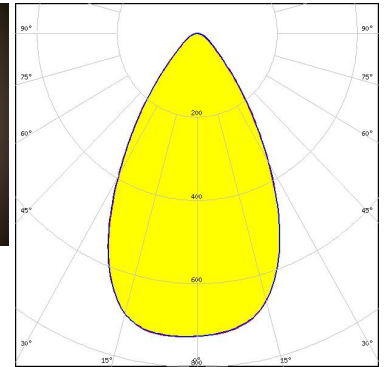
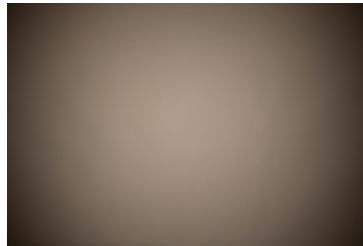


LED CXA/B 15xx
 FWHM / FWTM 53.0° / 87.0°
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

OPTICAL RESULTS (MEASURED):



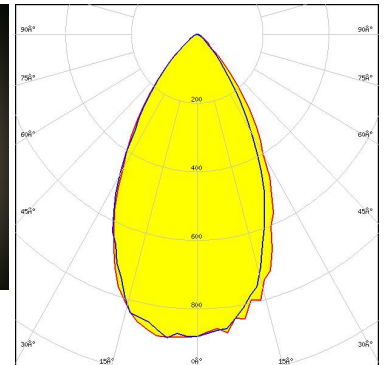
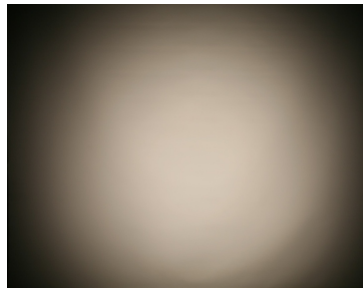
LED MHD-E/G
 FWHM / FWTM 61.0° / 97.0°
 Efficiency 81 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



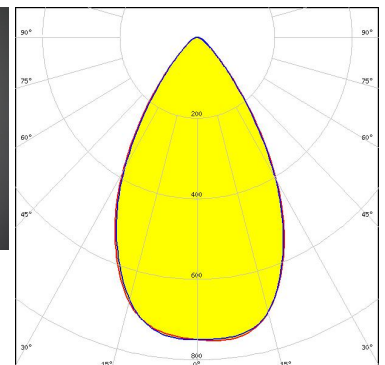
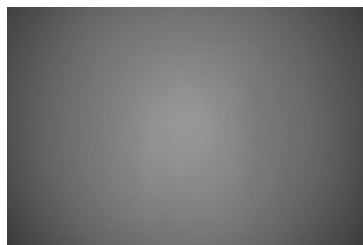
LED MT-G
 FWHM / FWTM 58.0° / 92.0°
 Efficiency 81 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP70
 FWHM / FWTM 61.0° / 94.0°
 Efficiency 82 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):



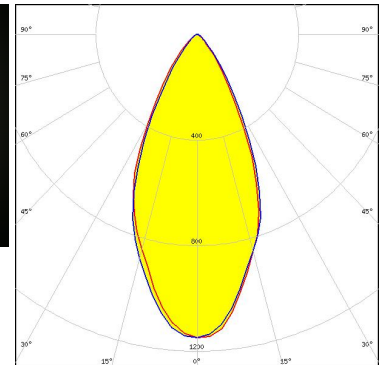
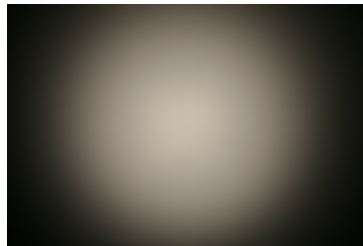
LED LUXEON M/MX
 FWHM / FWTM 57.0° / 90.0°
 Efficiency 82 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



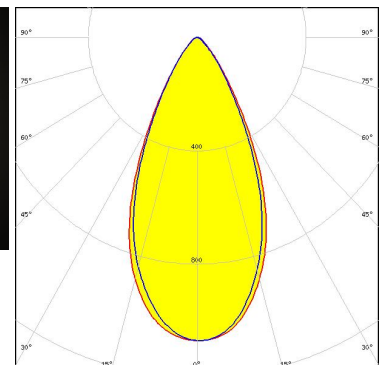
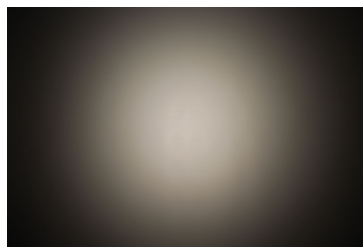
LED LUXEON MZ
 FWHM / FWTM 49.0° / 82.0°
 Efficiency 81 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NFMW48xA
 FWHM / FWTM 50.0° / 83.0°
 Efficiency 82 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

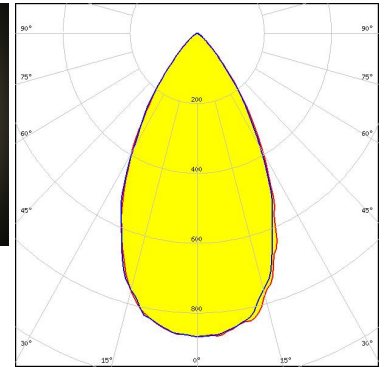
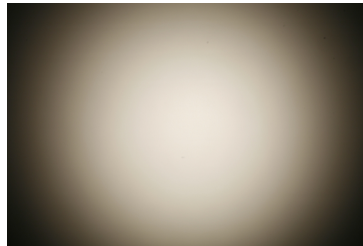


Light distribution files

OPTICAL RESULTS (MEASURED):



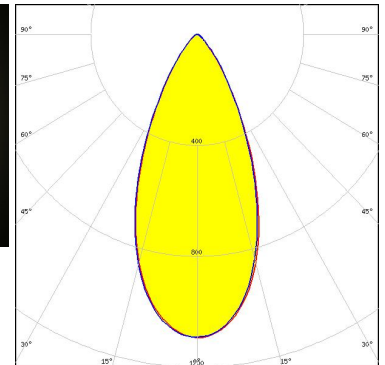
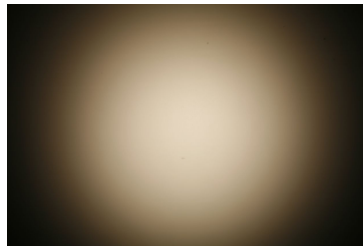
LED NSCxL036A
 FWHM / FWTM 57.0° / 89.0°
 Efficiency 79 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



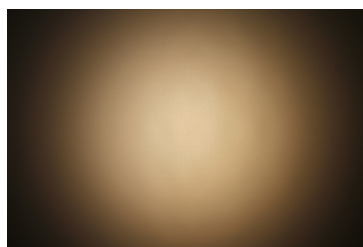
LED NSMx286M
 FWHM / FWTM 47.0° / 80.0°
 Efficiency 76 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Duris S10
 FWHM / FWTM 54.0° / 84.0°
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

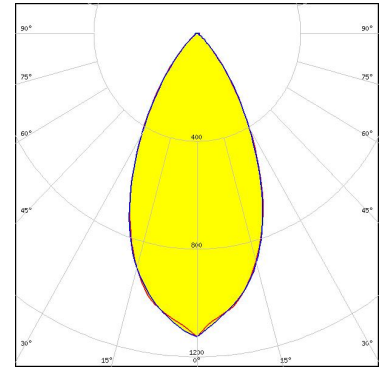


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED VERO10
FWHM / FWTM 51.2° / 84.8°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

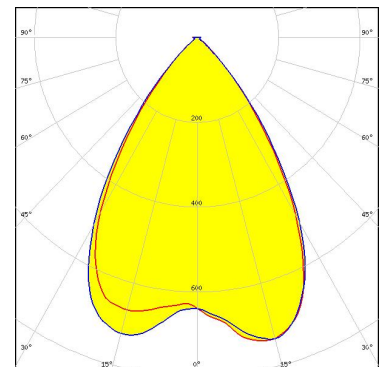


LED LUXEON 5258
FWHM / FWTM 54.0° / 76.0°
Efficiency 92 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED LUXEON 7070
FWHM / FWTM 69.0° / 94.0°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

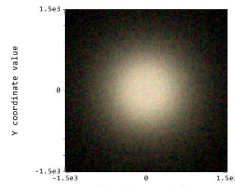


Light distribution files

OPTICAL RESULTS (SIMULATED):

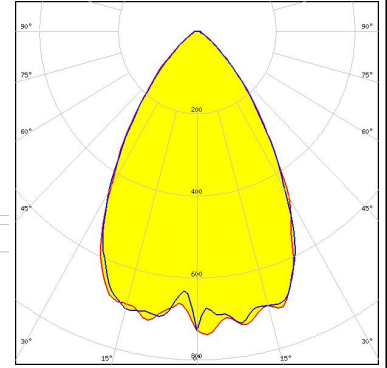
OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
 FWHM / FWTM 67.0° / 102.0°
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Detector Image: Illuminance
 28 x 28px
 Detector: 1, 1000 Surface: 1
 Size: 1000 mm x 1000 mm x 1000 mm, Pinhole size: 1 mm, Total size: 1000 mm
 Peak Illuminance: 0.112044 Lux/cm²
 Area: 1000000 mm²

C12502_MIRA-WW_0URTS_P18_0m
 Configuration 1 of 1



Light distribution files

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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