

MIRA-M

~30° medium beam

SPECIFICATION:

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

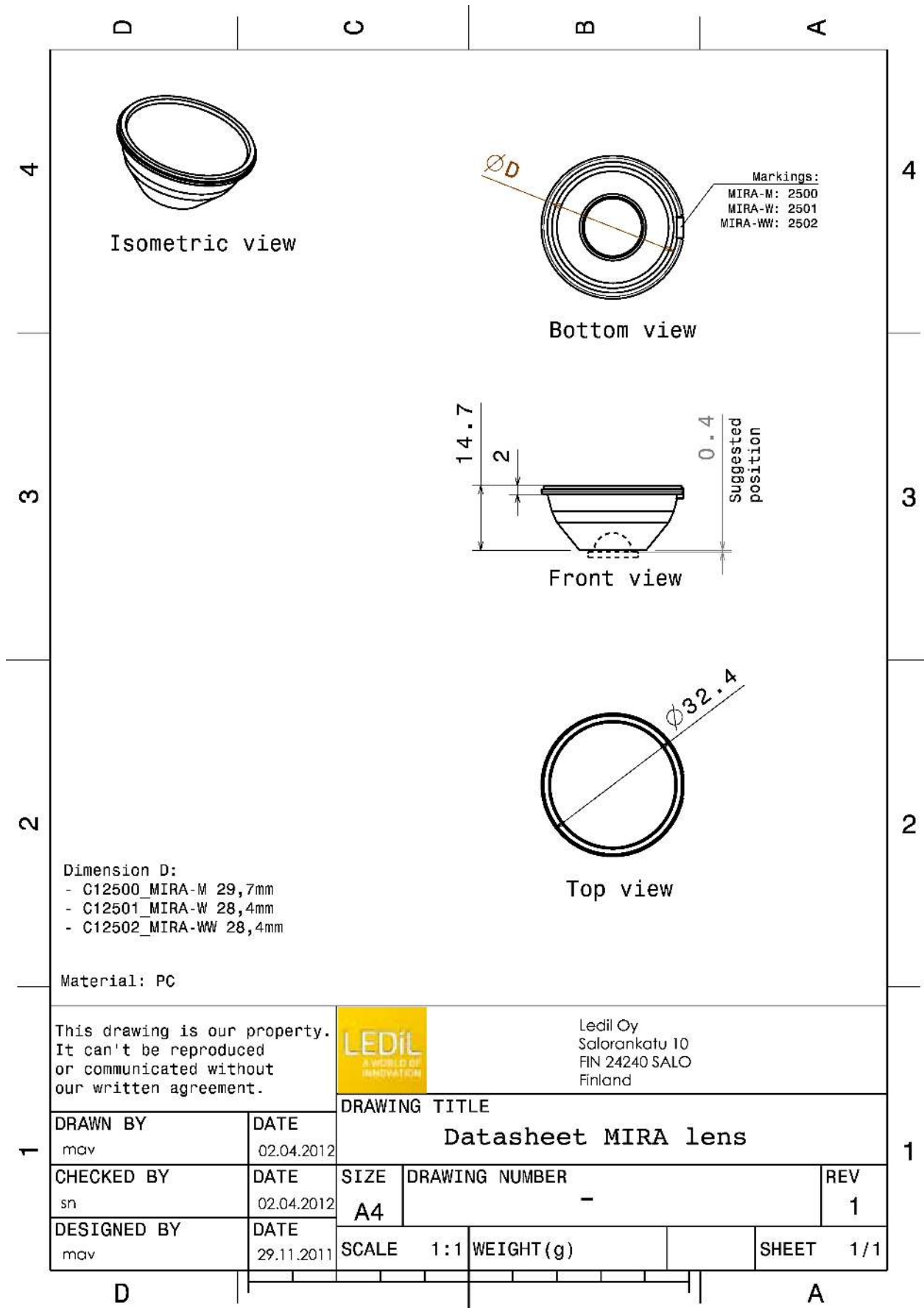
MATERIALS:

Component	Type	Material	Colour	Finish
MIRA-M	Single lens	PC	clear	






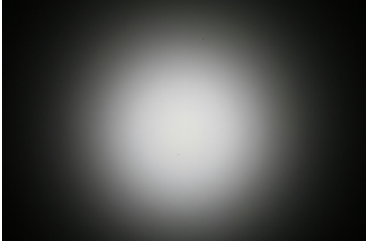



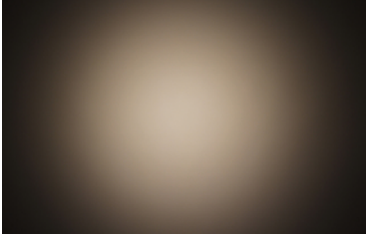
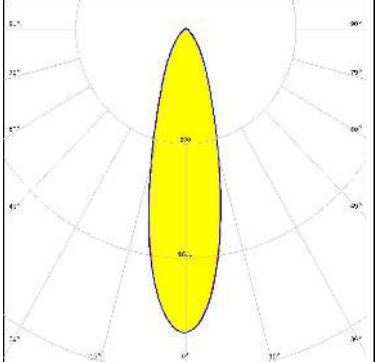
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12500_MIRA-M » Box size: 480 x 280 x 300 mm	840	120	60	7.3



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

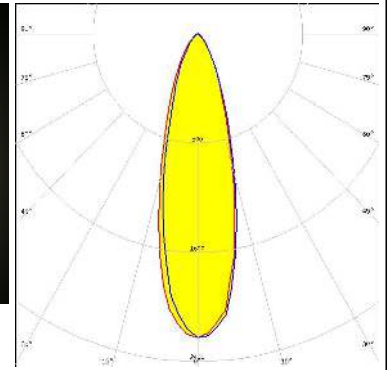
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED BXRA ES Star</p> <p>FWHM / FWTM 30.0° / 66.0°</p> <p>Efficiency 82 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED V10 Gen6</p> <p>FWHM / FWTM 35.0° / 72.0°</p> <p>Efficiency 77 %</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></p> <p>LED CXA/B 15xx</p> <p>FWHM / FWTM 31.0° / 67.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED MHD-E/G</p> <p>FWHM / FWTM 28.0° / 65.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 

OPTICAL RESULTS (MEASURED):

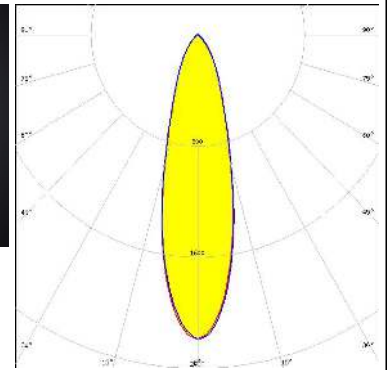
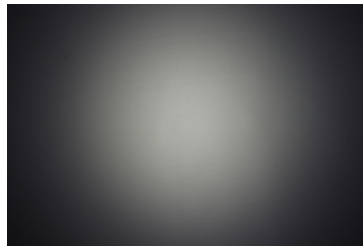
CREE LED

LED MT-G
 FWHM / FWTM 28.0° / 62.0°
 Efficiency 83 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



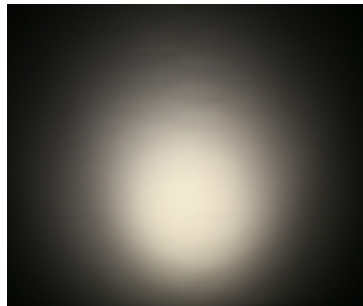
CREE LED

LED XHP70
 FWHM / FWTM 27.0° / 63.0°
 Efficiency 83 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



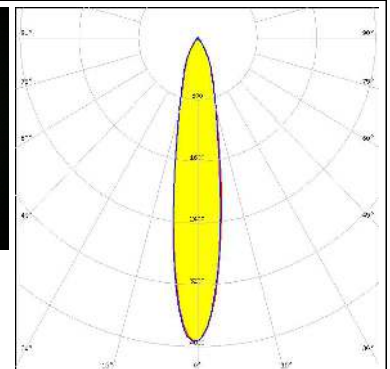
LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM 25.0° / 64.0°
 Efficiency 81 %
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

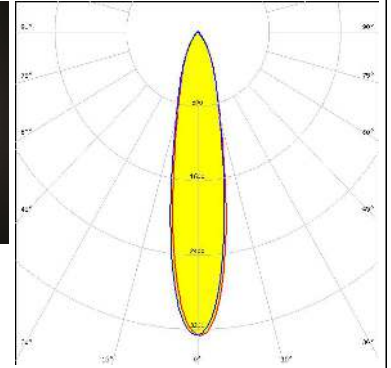
LED LUXEON MZ
 FWHM / FWTM 19.0° / 50.0°
 Efficiency 81 %
 Peak intensity 3.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



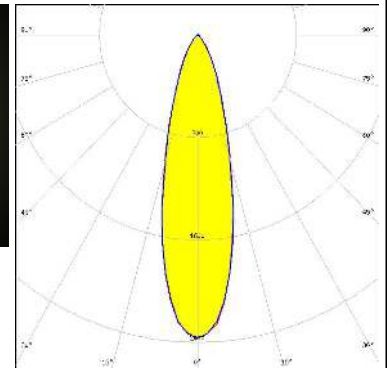
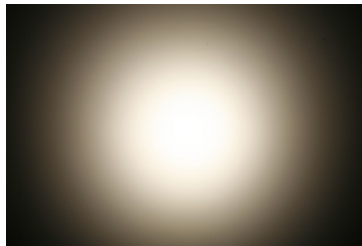
OPTICAL RESULTS (MEASURED):



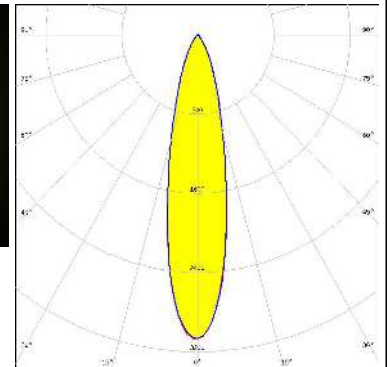
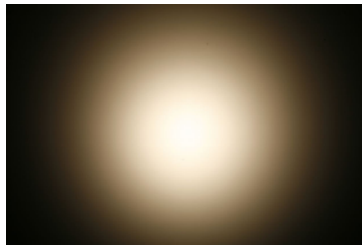
LED NFMW48xA
 FWHM / FWTM 21.0° / 53.0°
 Efficiency 82 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



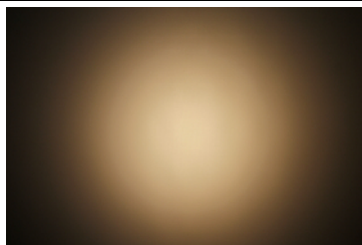
LED NSCxL036A
 FWHM / FWTM 28.0° / 60.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




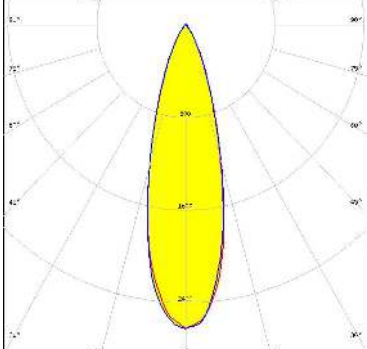
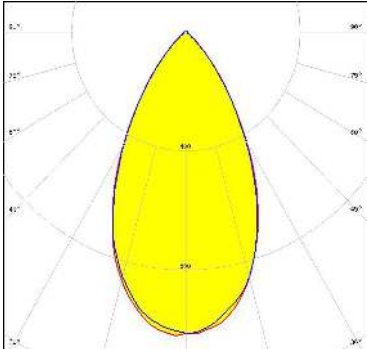

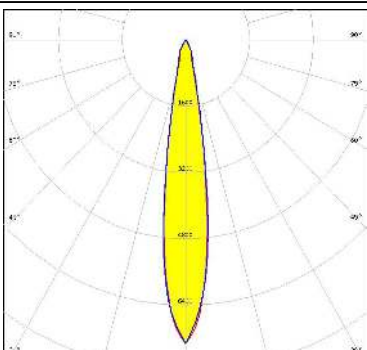

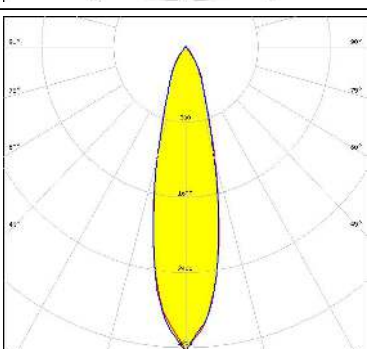
LED NSMx286M
 FWHM / FWTM 23.0° / 53.0°
 Efficiency 80 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S10
 FWHM / FWTM 22.0° / 52.0°
 Efficiency 83 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p> LED VERO10</p> <p>FWHM / FWTM 28.9° / 56.9°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CITIZEN</p> <p>LED CLU710/711</p> <p>FWHM / FWTM 54.0° / 88.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED LUXEON 5258</p> <p>FWHM / FWTM 16.0° / 31.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 7.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED LUXEON K4</p> <p>FWHM / FWTM 26.0° / 58.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors		
LED	OSCONIQ P 7070	
FWHM / FWTM	31.0° / 67.0°	
Efficiency	92 %	
Peak intensity	2.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

Detector Image: Illuminance		
X [mm]	Y [mm]	Illuminance [cd/m²]
0.000	0.000	2.400
0.500	0.500	0.500
1.000	1.000	0.200
1.500	1.500	0.100
2.000	2.000	0.050
2.500	2.500	0.025
3.000	3.000	0.012
3.500	3.500	0.006
4.000	4.000	0.003
4.500	4.500	0.001

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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