

## EVA-WW

~55° wide beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	16.4 mm
Fastening	glue
ROHS compliant	yes ⓘ

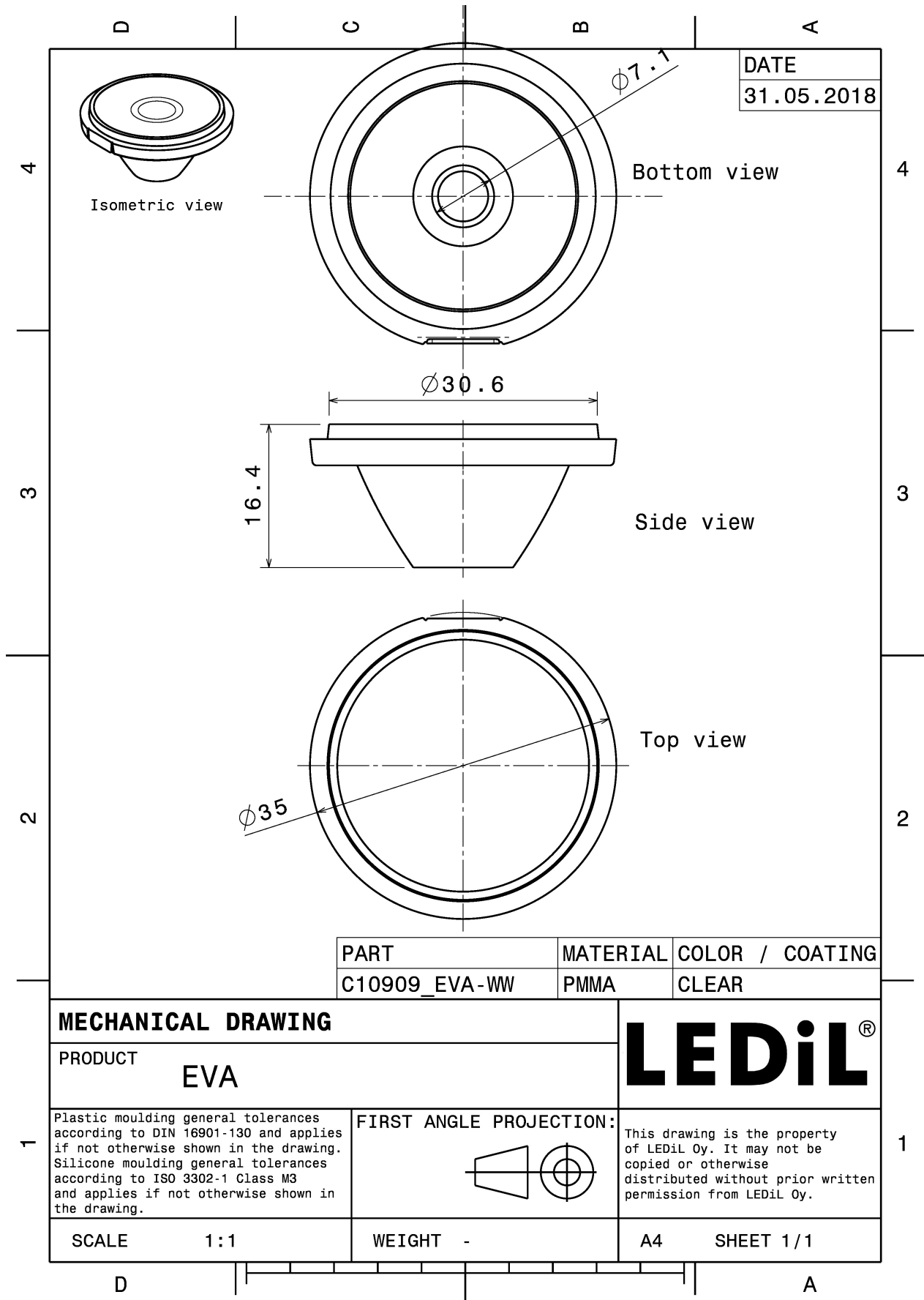
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EVA-WW	Single lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10909_EVA-WW » Box size: 480 x 280 x 300 mm	540	90	45	6.0



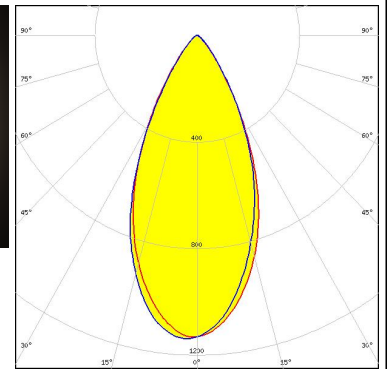
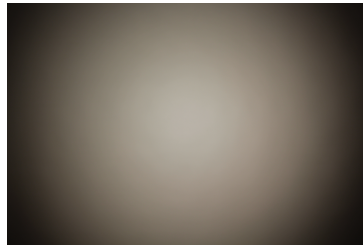


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

### CITIZEN

LED CLU7A2 (LES 4.2mm)  
 FWHM / FWTM 48.0° / 80.0°  
 Efficiency 81 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

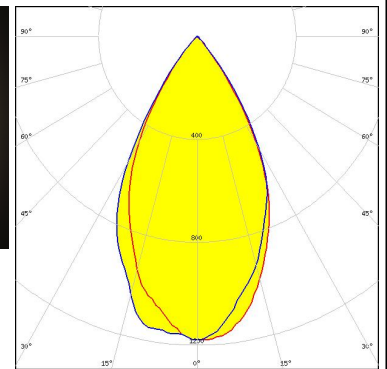
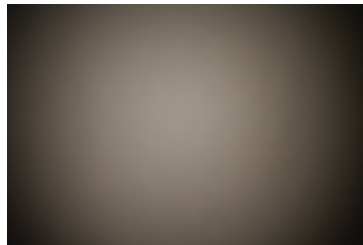


### CREE

LED MC-E  
 FWHM / FWTM 47.0°  
 Efficiency 90 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

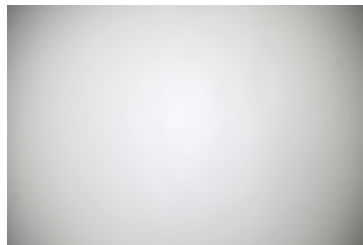
### CREE

LED MHB-A/B  
 FWHM / FWTM 52.0° / 84.0°  
 Efficiency 76 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### CREE

LED XHP35 HI  
 FWHM / FWTM 71.0° / 106.0°  
 Efficiency 75 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



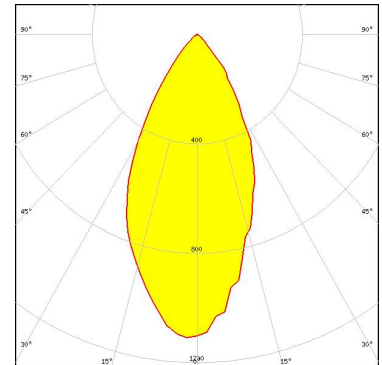
#### PHOTOMETRIC DATA (MEASURED):



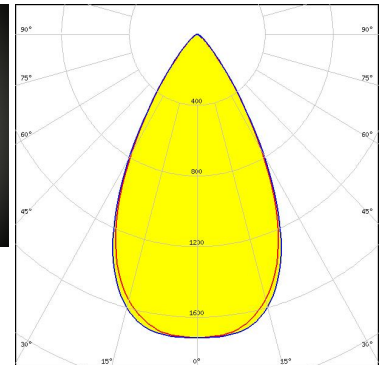
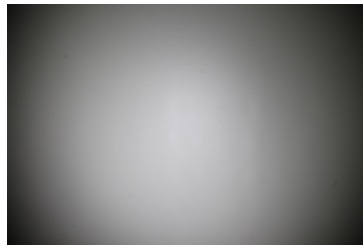
LED XM-L  
 FWHM / FWTM 64.0°  
 Efficiency 77 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



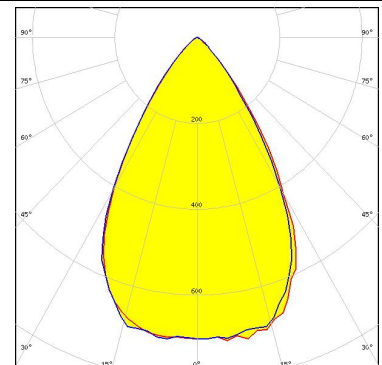
LED XT-E  
 FWHM / FWTM 47.0° / 83.0°  
 Efficiency 76 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




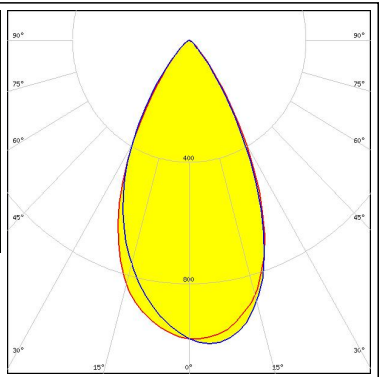


LED LUXEON 5050 Round LES  
 FWHM / FWTM 57.0° / 85.0°  
 Efficiency 78 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON M/MX  
 FWHM / FWTM 65.0°  
 Efficiency 80 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



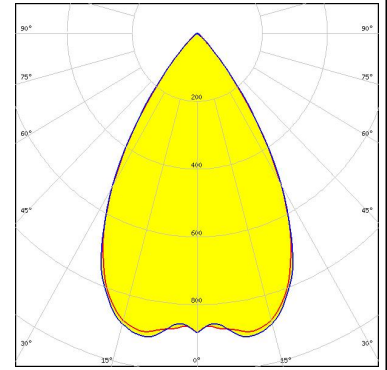
**PHOTOMETRIC DATA (MEASURED):**

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 55.0° / 84.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED Z8Y15</p> <p>FWHM / FWTM 45.0° / 82.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED Z8Y19</p> <p>FWHM / FWTM 47.0° / 82.0°</p> <p>Efficiency 76 %</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):

#### **CREE**

LED CXA/B 13xx  
 FWHM / FWTM 64.0° / 88.0°  
 Efficiency 92 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

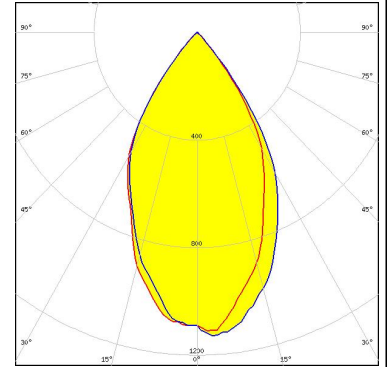


#### **CREE**

LED XM-L HVW  
 FWHM / FWTM 58.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### **CREE**

LED XP-G2  
 FWHM / FWTM 57.0° / 84.0°  
 Efficiency 90 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



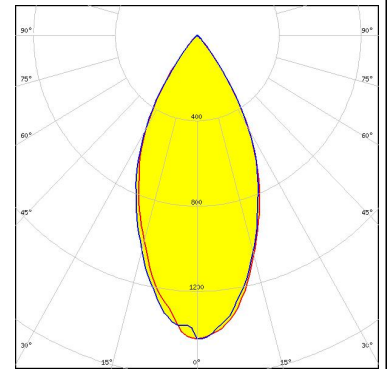
#### **LUMILEDS**

LED LUXEON 5258  
 FWHM / FWTM 50.0° / 72.0°  
 Efficiency 93 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

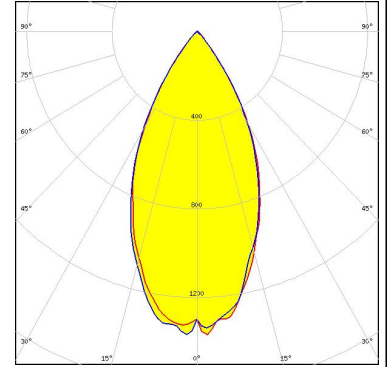
### PHOTOMETRIC DATA (SIMULATED):



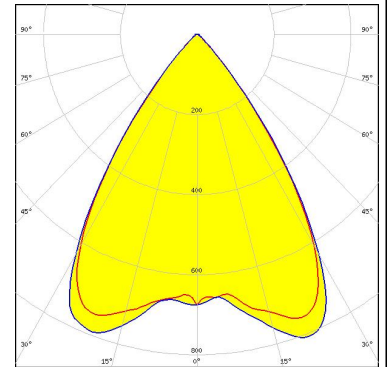
**LED** CXM-3  
**FWHM / FWTM** 49.0° / 78.0°  
**Efficiency** 95 %  
**Peak intensity** 1.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



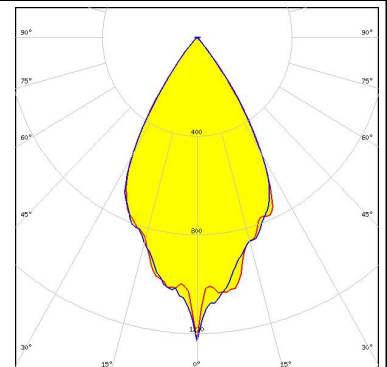
**LED** CXM-4  
**FWHM / FWTM** 50.0° / 78.0°  
**Efficiency** 95 %  
**Peak intensity** 1.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** NFMW48xA  
**FWHM / FWTM** 70.0° / 89.0°  
**Efficiency** 96 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** OSCONIQ P 7070  
**FWHM / FWTM** 56.0° / 78.0°  
**Efficiency** 93 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



### 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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