

## EVA-M

~25° medium beam

### TECHNICAL SPECIFICATIONS:

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

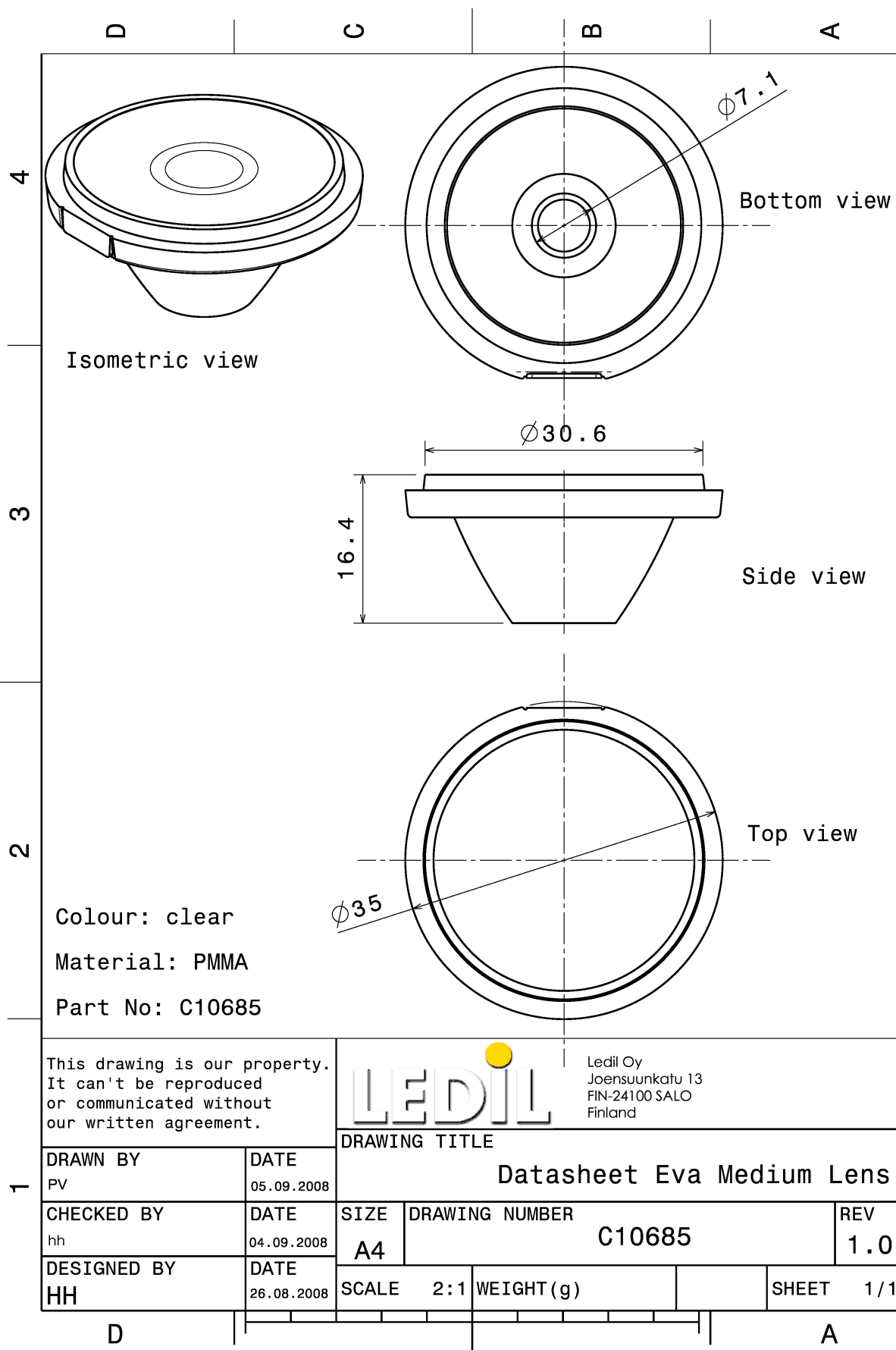
### MATERIAL SPECIFICATIONS:

| Component | Type        | Material | Colour | Finish |
|-----------|-------------|----------|--------|--------|
| EVA-M     | Single lens | PMMA     | clear  |        |

### ORDERING INFORMATION:

| Component                                      | Qty in box | MOQ | MPQ | Box weight (kg) |
|------------------------------------------------|------------|-----|-----|-----------------|
| C10685_EVA-M<br>» Box size: 480 x 280 x 300 mm | 540        | 90  | 45  | 5.8             |



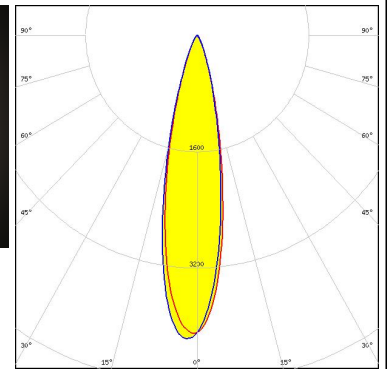
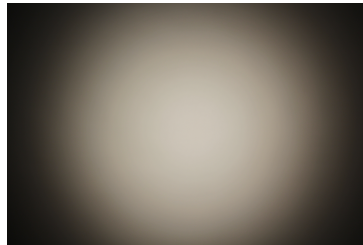


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

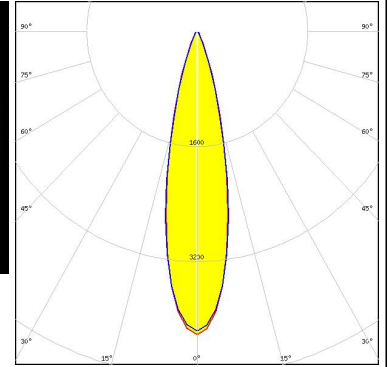
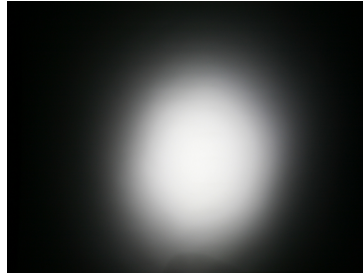
#### CITIZEN

LED CLU7A2 (LES 4.2mm)  
FWHM / FWTM 22.0° / 44.0°  
Efficiency 89 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



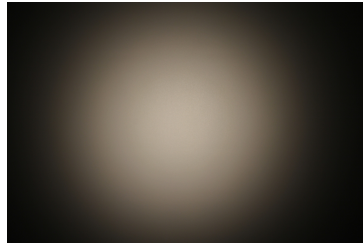
#### CREE LED

LED MC-E  
FWHM / FWTM 22.0°  
Efficiency 89 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



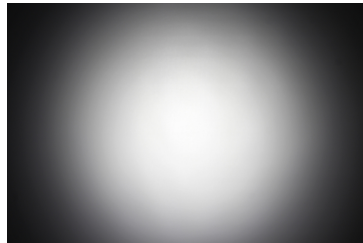
#### CREE LED

LED MHB-A/B  
FWHM / FWTM 25.0° / 50.0°  
Efficiency 82 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE LED

LED XHP35 HI  
FWHM / FWTM 28.0° / 56.0°  
Efficiency 78 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):



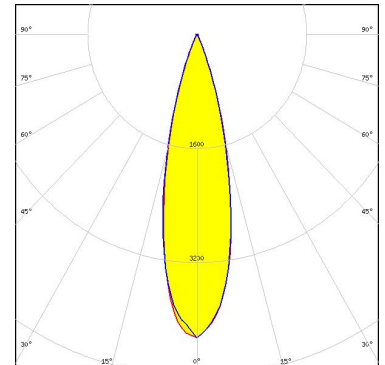
LED XM-L  
FWHM / FWTM 24.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:



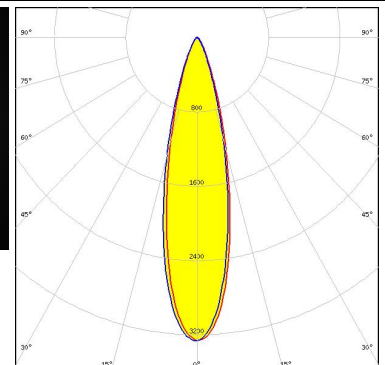
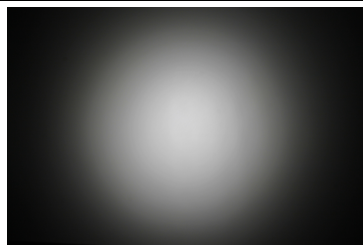
LED XP-G2  
FWHM / FWTM 24.0° / 42.0°  
Efficiency 88 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XT-E  
FWHM / FWTM 24.0°  
Efficiency %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON 5050 Round LES  
FWHM / FWTM 25.0° / 49.0°  
Efficiency 85 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



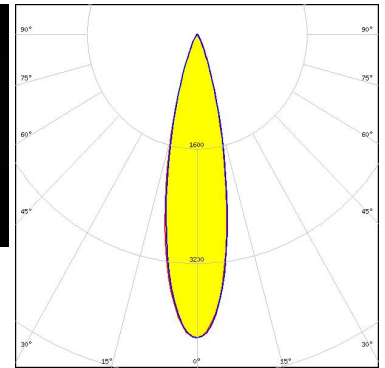
### PHOTOMETRIC DATA (MEASURED):



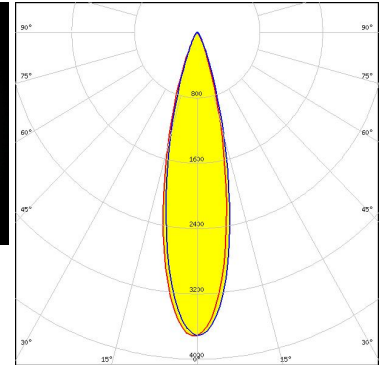
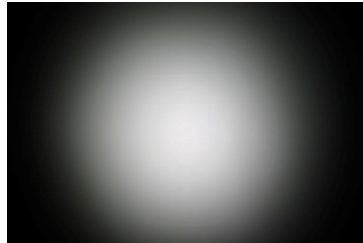
LED LUXEON M/MX  
FWHM / FWTM 26.0°  
Efficiency 89 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



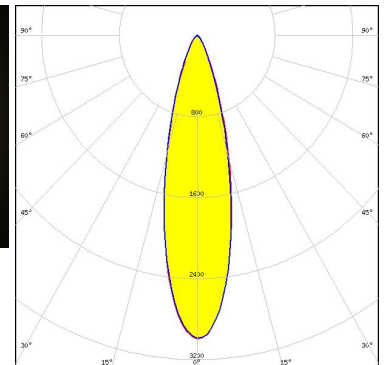
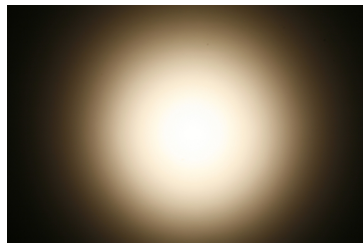
LED LUXEON MZ  
FWHM / FWTM 24.0° / 44.0°  
Efficiency 87 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NS9x383  
FWHM / FWTM 24.0° / 46.0°  
Efficiency 88 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NSMx286M  
FWHM / FWTM 26.0° / 52.0°  
Efficiency 88 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

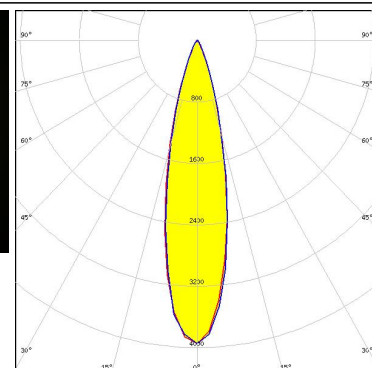
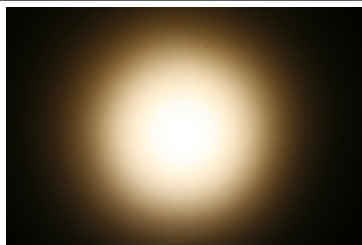


### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

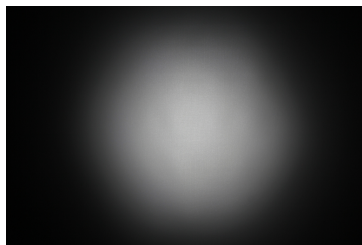
Opto Semiconductors

LED Duris S8  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 86 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



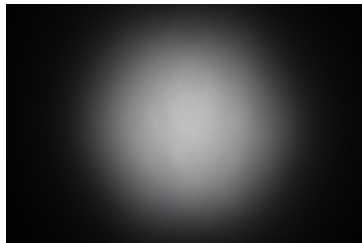
SEOUL SEMICONDUCTOR

LED Z8Y15  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 83 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

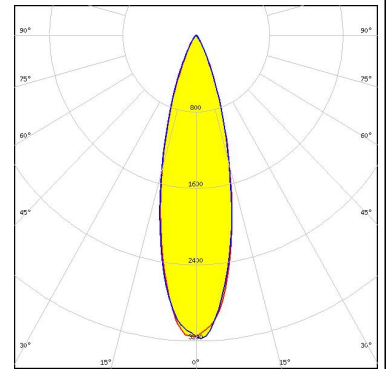
LED Z8Y19  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 84 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

#### CITIZEN

LED CLU700/701/702  
FWHM / FWTM 28.0° / 53.0°  
Efficiency 93 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



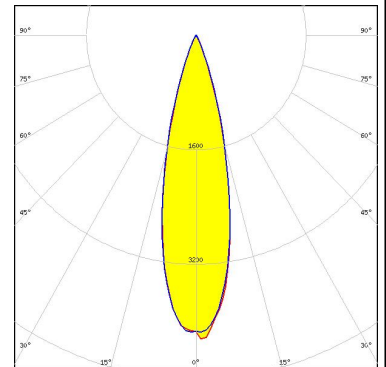
LED XM-L HVW  
FWHM / FWTM 26.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON 5258  
FWHM / FWTM 24.0° / 44.0°  
Efficiency 93 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



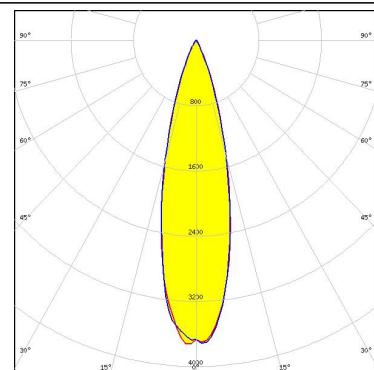
LED CXM-3  
FWHM / FWTM 26.0° / 44.0 + 46.0°  
Efficiency 94 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



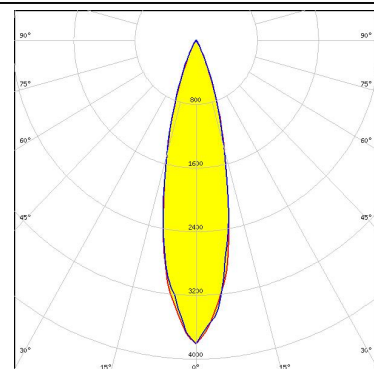
### PHOTOMETRIC DATA (SIMULATED):



LED CXM-4  
FWHM / FWTM 26.0° / 48.0°  
Efficiency 94 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ P 7070  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 93 %  
Peak intensity 3.8 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

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