# EVA-O

**~40° x 15° oval beam optimized for LUXEON M and MX. Assembly with holder and installation tape.**




## TECHNICAL SPECIFICATIONS:

| | |
|---|---|
| Dimensions | Ø 37.7 mm |
| Height | 17.2 mm |
| Fastening | tape |
| ROHS compliant | yes |

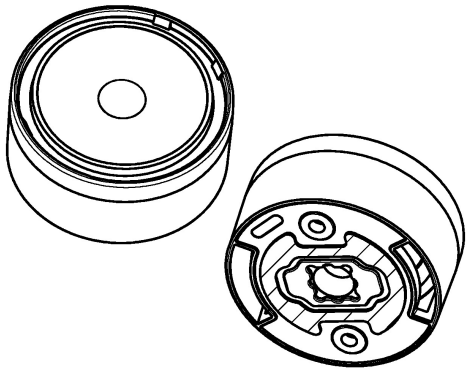
## MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|---|---|---|---|---|
| EVA-O | Single lens | PMMA | clear | |
| EVA-HLD-LUXEON-M | Holder | PC | black | |
| SPUTNIK-TAPE | Tape | Acrylic foam | black | |

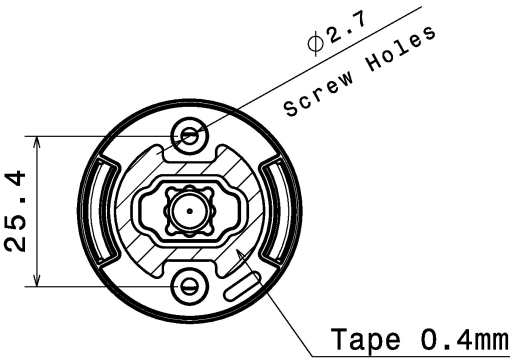
## ORDERING INFORMATION:

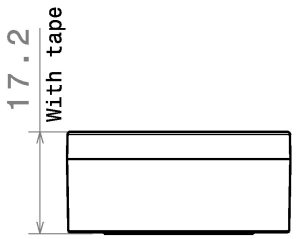
| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|---|---|---|---|---|
| CA12858_EVA-O<br>» Box size: 480 x 280 x 300 mm | Single lens | 675 | 90 | 45 | 9.8 |


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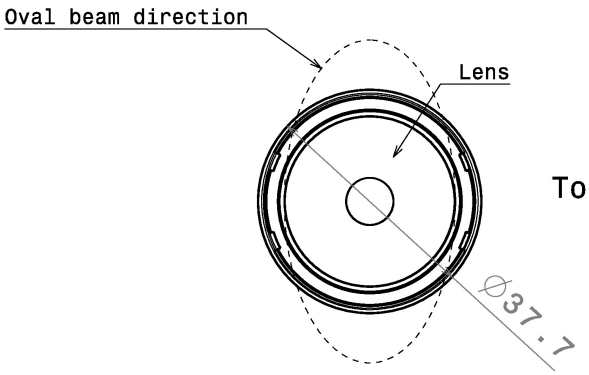


Isometric view




Front view




Top view

Materials:
Lens PMMA
Holder PC, BLACK
Tape Acrylic foam

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| | | | | |
|---|---|---|---|---|
| DRAWN BY mav | DATE 12.4.2012 | DRAWING TITLE: Datasheet EVA-LUXEON-M-WITH-TAPE Assembly | | |
| CHECKED BY sn | DATE 12.4.2012 | SIZE A4 | DRAWING NUMBER | REV 1 |
| DESIGNED BY pl | DATE 17.02.2011 | SCALE 2:1 | WEIGHT(g) | SHEET 1/1 |

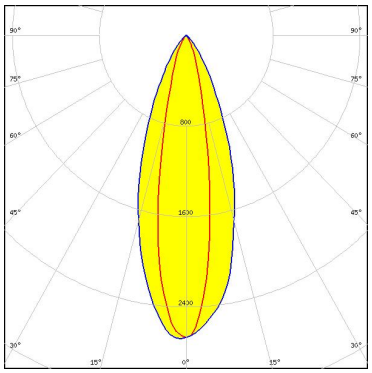
See also our general installation guide: www.ledil.com/installation_guide

## PHOTOMETRIC DATA (MEASURED):

CREE LED

| | |
|---|---|
| LED | MK-R |
| FWHM / FWTM | 38.0 + 20.0° / 70.0 + 44.0° |
| Efficiency | 84 % |
| Peak intensity | 2.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

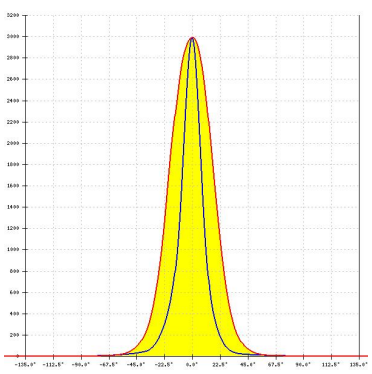




LUMILEDS

| | |
|---|---|
| LED | LUXEON 5050 Round LES |
| FWHM / FWTM | 40.0 + 18.0° / 69.0 + 42.0° |
| Efficiency | 86 % |
| Peak intensity | 3 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

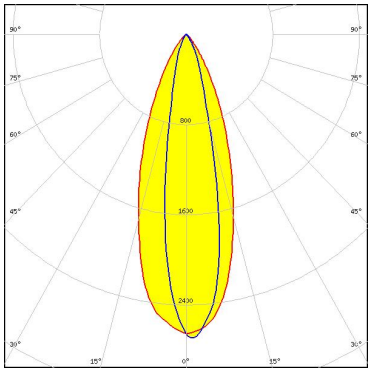




LUMILEDS

| | |
|---|---|
| LED | LUXEON M/MX |
| FWHM / FWTM | 37.0 + 20.0° / 70.0 + 44.0° |
| Efficiency | 84 % |
| Peak intensity | 2.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



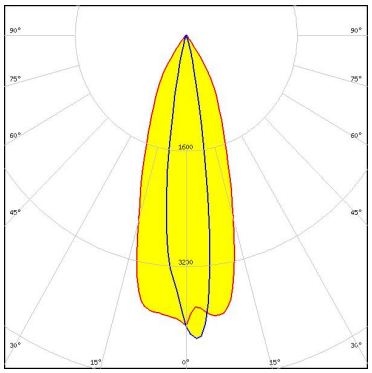



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## PHOTOMETRIC DATA (SIMULATED):

CREE LED

| | |
|---|---|
| LED | XP-E2 |
| FWHM / FWTM | 36.0 + 16.0° / 68.0 + 27.0° |
| Efficiency | 92 % |
| Peak intensity | 4.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour | Green |
| Required components: | |





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## 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.

## 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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