

## EVA-O

~40° x 15° oval beam. Assembly with holder including location pins and installation tape.

### SPECIFICATION:

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

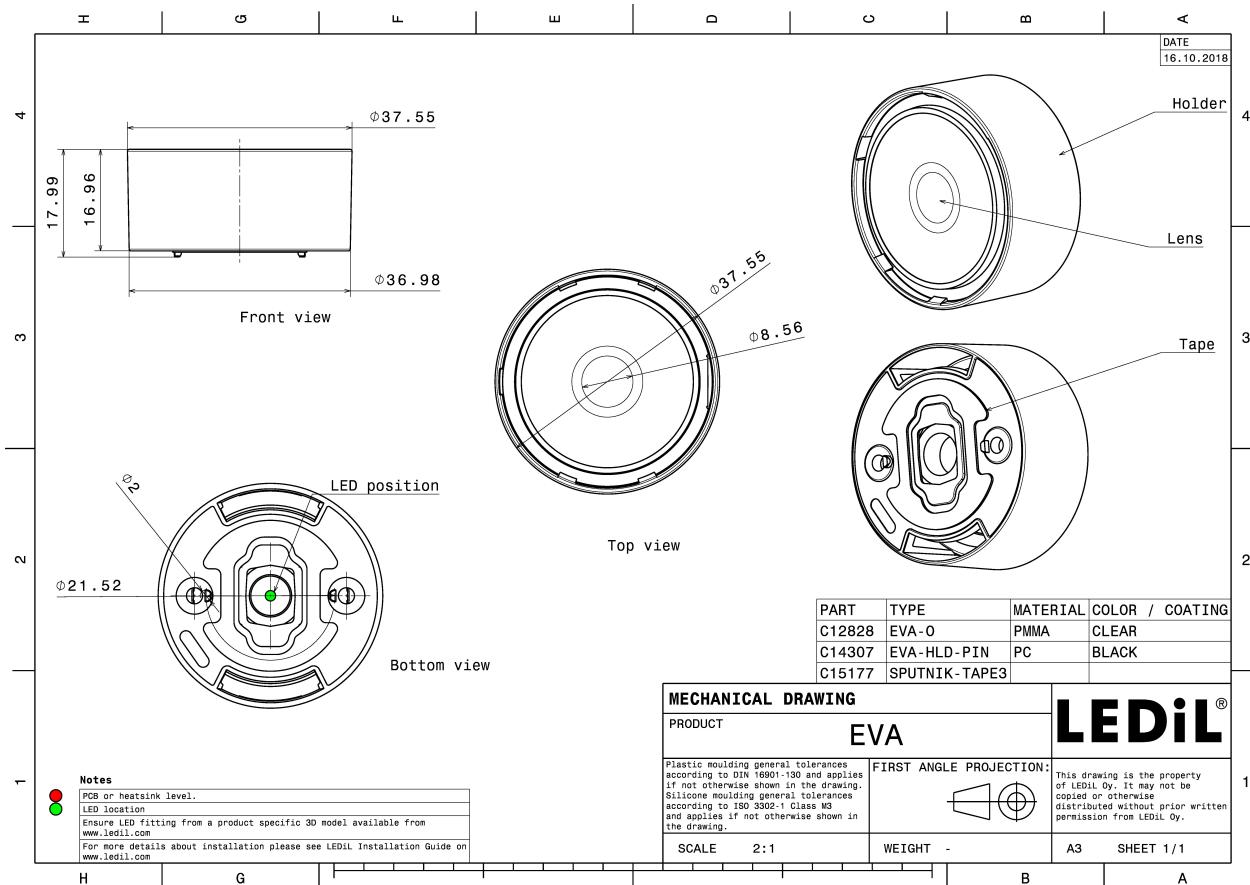


### MATERIALS:

| Component     | Type        | Material     | Colour | Finish |
|---------------|-------------|--------------|--------|--------|
| EVA-O         | Single lens | PMMA         | clear  |        |
| EVA-HLD-PIN   | Holder      | PC           | black  |        |
| SPUTNIK-TAPE3 | Tape        | Acrylic foam | black  |        |

### ORDERING INFORMATION:

| Component                                       | Qty in box  | MOQ | MPQ | Box weight (kg) |
|---|-------------|-----|-----|-----------------|
| CA14403_EVA-O<br>» Box size: 480 x 280 x 300 mm | Single lens | 675 | 90  | 45              |



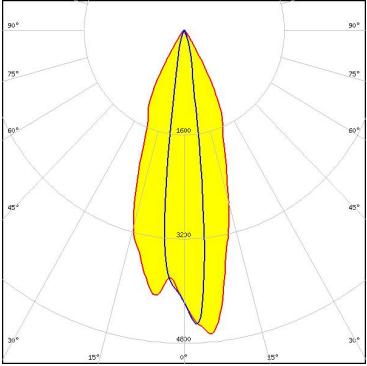
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



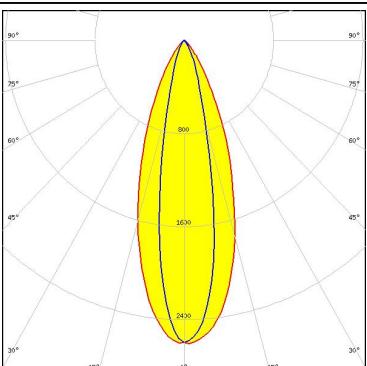
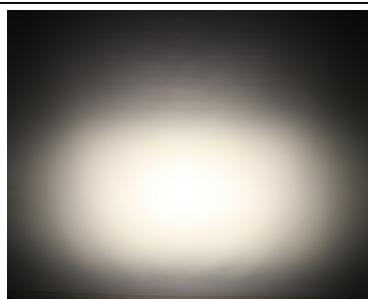
|                 |                             |
|-----------------|-----------------------------|
| LED             | XP-E                        |
| FWHM / FWTM     | 35.0 + 14.0° / 64.0 + 28.0° |
| Efficiency      | 89 %                        |
| Peak intensity  | 5 cd/lm                     |
| LEDs/each optic | 1                           |
| Light colour    | White                       |

Required components:



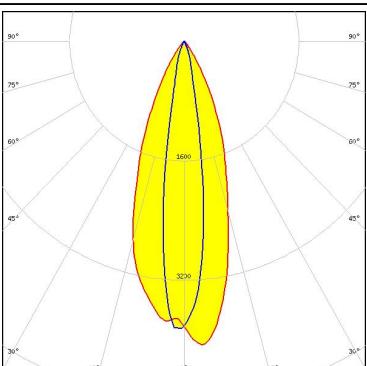
|                 |                             |
|-----------------|-----------------------------|
| LED             | LUXEON M/MX                 |
| FWHM / FWTM     | 20.5 + 37.0° / 42.0 + 71.0° |
| Efficiency      | 83 %                        |
| Peak intensity  | 2.7 cd/lm                   |
| LEDs/each optic | 1                           |
| Light colour    | White                       |

Required components:



|                 |                             |
|-----------------|-----------------------------|
| LED             | NVSW219F                    |
| FWHM / FWTM     | 36.0 + 16.0° / 66.0 + 32.0° |
| Efficiency      | 87 %                        |
| Peak intensity  | 4.1 cd/lm                   |
| LEDs/each optic | 1                           |
| Light colour    | White                       |

Required components:

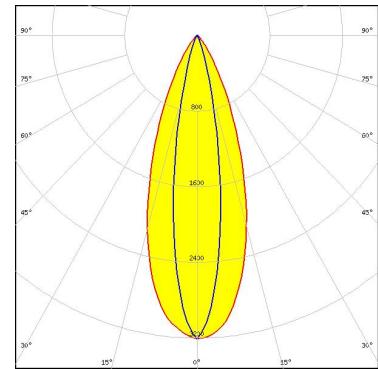


## OPTICAL RESULTS (SIMULATED):



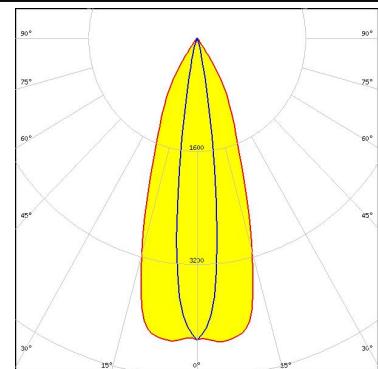
|                 |                             |
|-----------------|-----------------------------|
| LED             | XHP35.2 HD                  |
| FWHM / FWTM     | 38.0 + 18.0° / 68.0 + 36.0° |
| Efficiency      | 85 %                        |
| Peak intensity  | 3.2 cd/lm                   |
| LEDs/each optic | 1                           |
| Light colour    | White                       |

Required components:



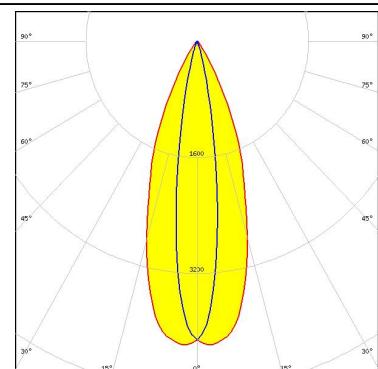
|                 |                             |
|-----------------|-----------------------------|
| LED             | XP-E2                       |
| FWHM / FWTM     | 38.0 + 14.0° / 67.0 + 26.0° |
| Efficiency      | 92 %                        |
| Peak intensity  | 4.3 cd/lm                   |
| LEDs/each optic | 1                           |
| Light colour    | White                       |

Required components:



|                 |                             |
|-----------------|-----------------------------|
| LED             | Z8Y22P                      |
| FWHM / FWTM     | 17.0 + 38.0° / 30.0 + 64.0° |
| Efficiency      | 97 %                        |
| Peak intensity  | 4.2 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.

## MATERIALS:

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