

## 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 ⓘ

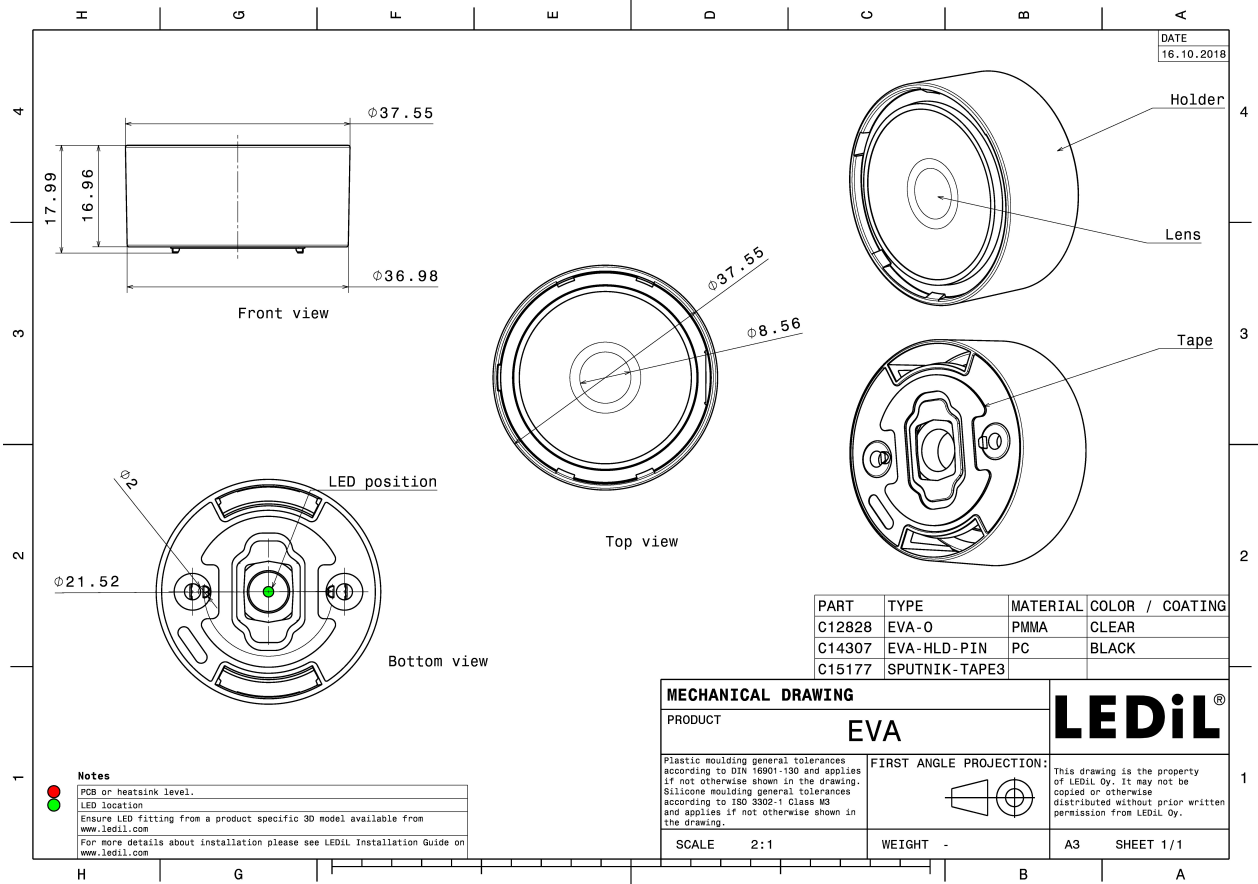
### MATERIALS:

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




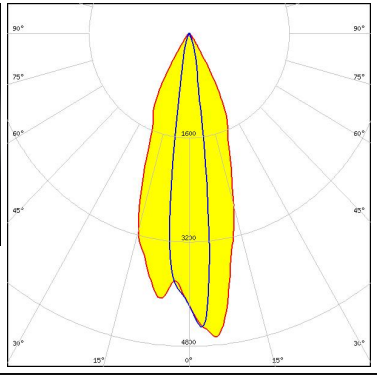

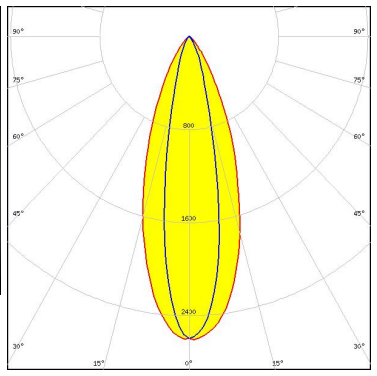

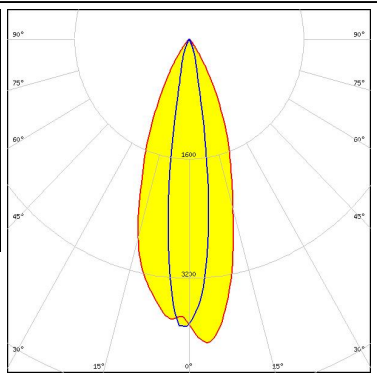
### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14403_EVA-O	Single lens	675	90	45	10.0
» Box size: 480 x 280 x 300 mm					

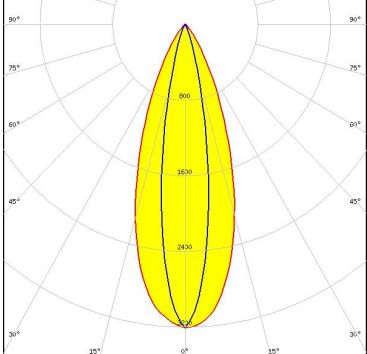
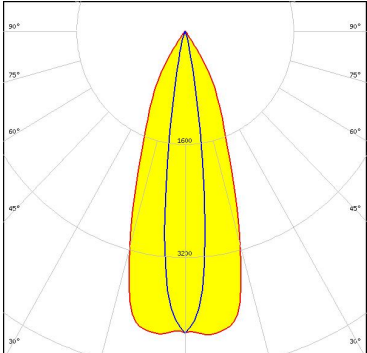
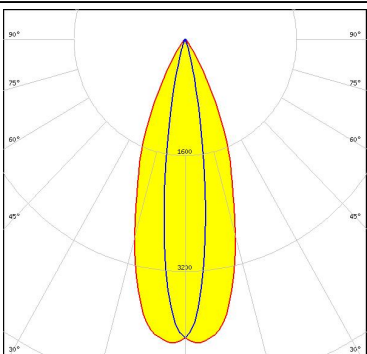


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LED</p> <p>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:</p>		
<p><b>LUMILEDS</b></p> <p>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:</p>		
<p><b>NICHIA</b></p> <p>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:</p>		

### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>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:</p>	
<p><b>CREE</b> LED</p> <p>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:</p>	
<p><b>SEMI</b> LED</p> <p>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:</p>	

### 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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