

### EVA-O

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

#### SPECIFICATION:

Dimensions	Ø 37.7 mm
Height	17.2 mm
Fastening	tape
ROHS compliant	yes ⓘ

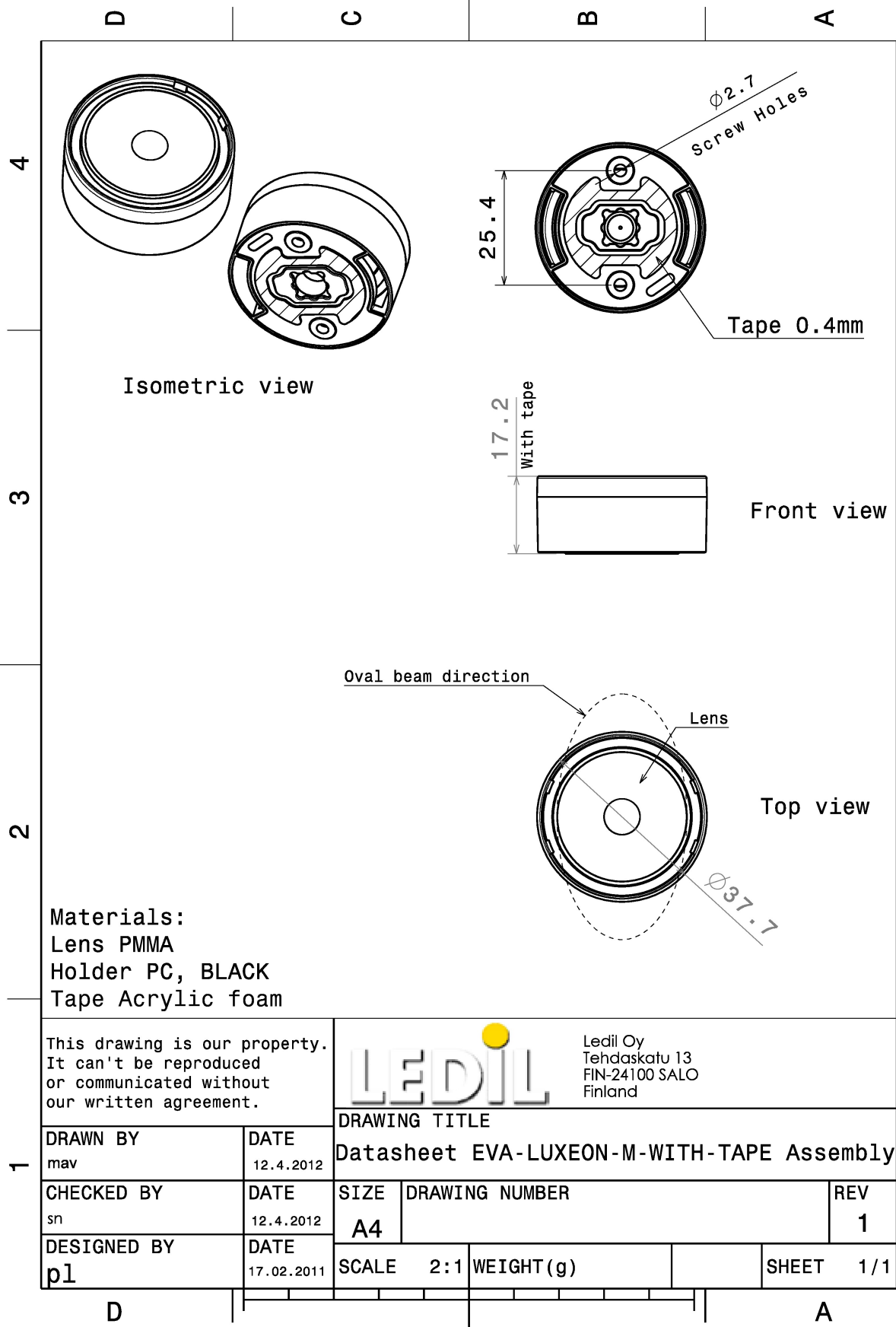
#### MATERIALS:

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	Single lens	675	90	45	9.8
» Box size: 480 x 280 x 300 mm					





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**DRAWING TITLE**  
Datasheet EVA-LUXEON-M-WITH-TAPE Assembly

**DRAWN BY**  
mav

**DATE**  
12.4.2012

**CHECKED BY**  
sn

**DATE**  
12.4.2012

**DESIGNED BY**  
pl


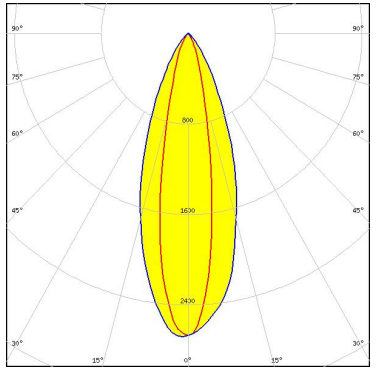

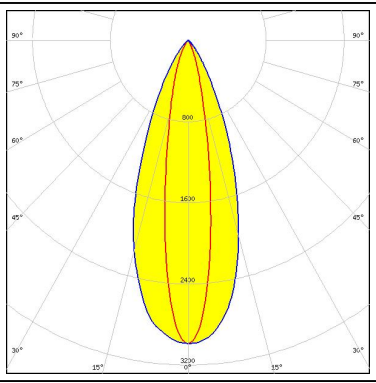

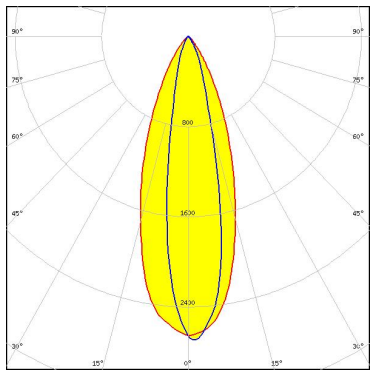
**DATE**  
17.02.2011

**SIZE** A4 **DRAWING NUMBER** **REV** 1

**SCALE** 2:1 **WEIGHT (g)** **SHEET** 1/1

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

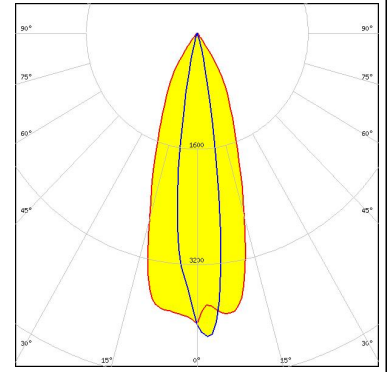
### OPTICAL RESULTS (MEASURED):

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

### OPTICAL RESULTS (SIMULATED):



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:	



### 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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