

## EMILY-O

~45° x 10° oval beam. 14.96 mm high lens.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	15 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

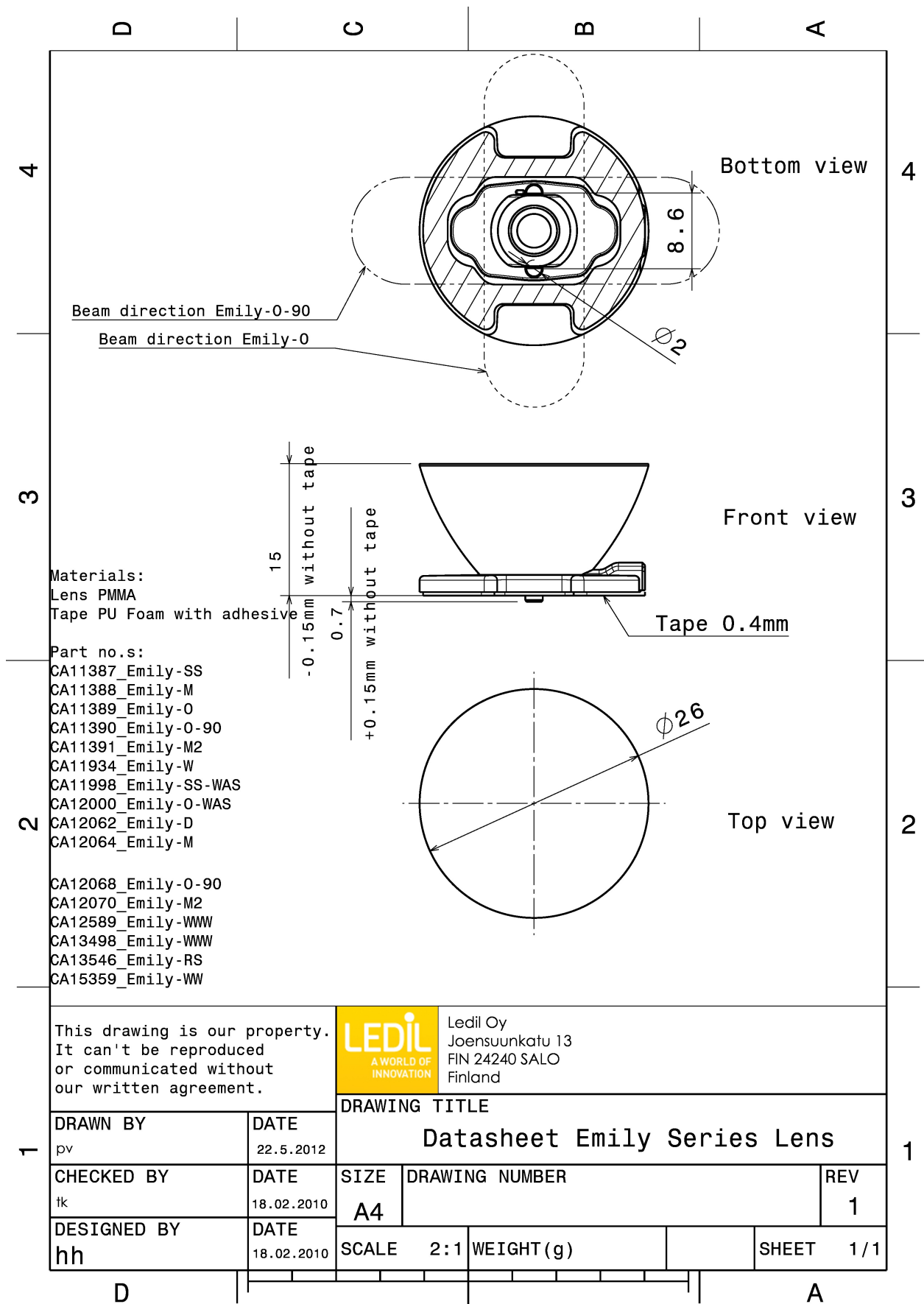
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMILY-O	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA12066_EMILY-O » Box size: 480 x 280 x 300 mm	Single lens	1690	260	130	10.7



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**LEDiL**  
A WORLD OF INNOVATION

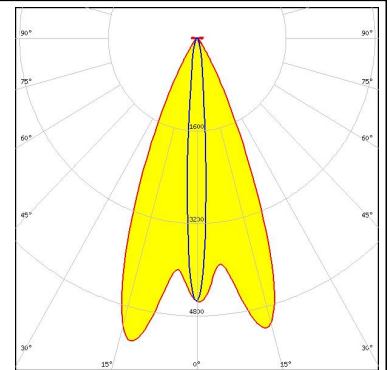
Ledil Oy  
Joensuunkatu 13  
FIN 24240 SALO  
Finland

<b>DRAWN BY</b> pv		<b>DATE</b> 22.5.2012		<b>DRAWING TITLE</b> Datasheet Emily Series Lens				
<b>CHECKED BY</b> tk		<b>DATE</b> 18.02.2010		<b>SIZE</b> A4		<b>DRAWING NUMBER</b>		<b>REV</b> 1
<b>DESIGNED BY</b> hh		<b>DATE</b> 18.02.2010		<b>SCALE</b> 2:1		<b>WEIGHT (g)</b>		<b>SHEET</b> 1/1

#### PHOTOMETRIC DATA (MEASURED):

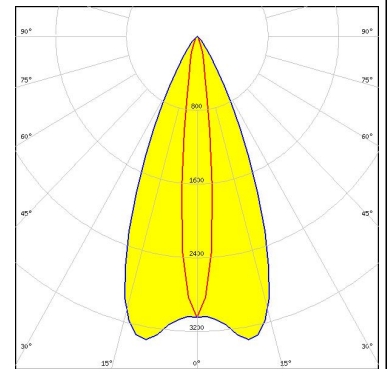
#### CREE

LED XD16  
 FWHM 47.0 + 8.0°  
 Efficiency 91 %  
 Peak intensity 5.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



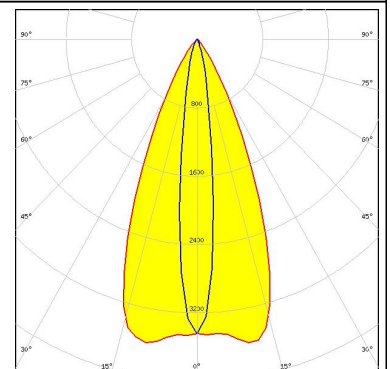
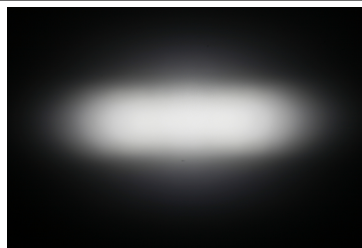
#### CREE

LED XM-L  
 FWHM 47.0 + 13.0°  
 Efficiency 90 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



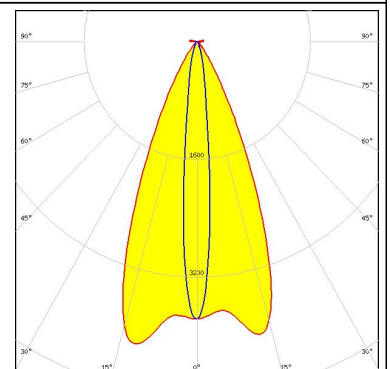
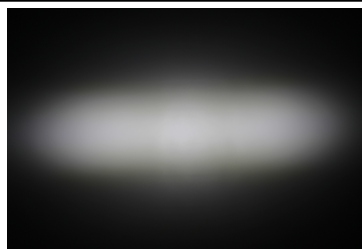
#### CREE

LED XM-L2  
 FWHM 47.0 + 14.0°  
 Efficiency 86 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

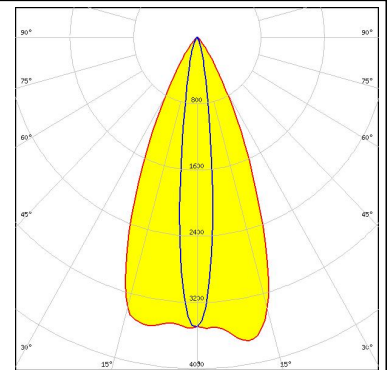
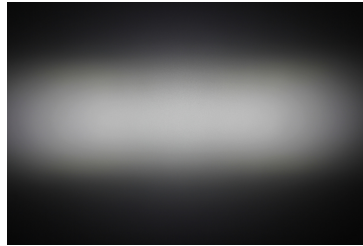
LED XP-G3  
 FWHM 47.0 + 11.0°  
 Efficiency 93 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



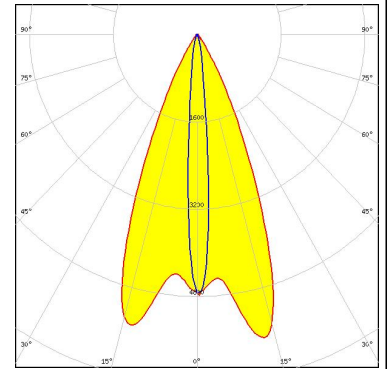
#### PHOTOMETRIC DATA (MEASURED):



LED XP-L HD  
 FWHM 46.0 + 14.0°  
 Efficiency 86 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-L HI  
 FWHM 48.0 + 9.0°  
 Efficiency 86 %  
 Peak intensity 5.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON A  
 FWHM 44.0 + 10.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rebel ES  
 FWHM 44.0 + 10.0°  
 Efficiency 90 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### PHOTOMETRIC DATA (MEASURED):



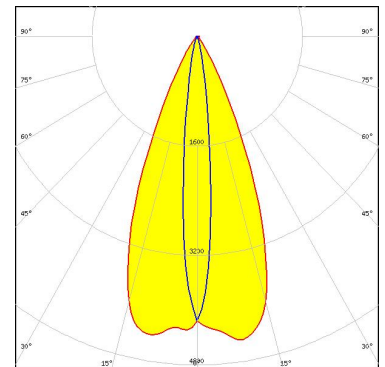
#### PHOTOMETRIC DATA (SIMULATED):



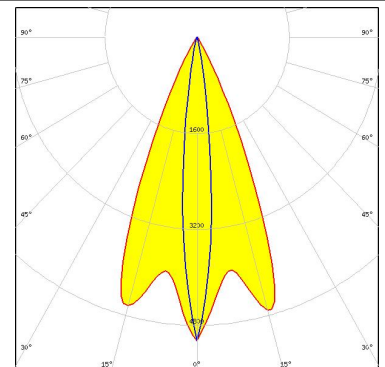
LED XM-L HVW  
 FWHM 12.0 + 48.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



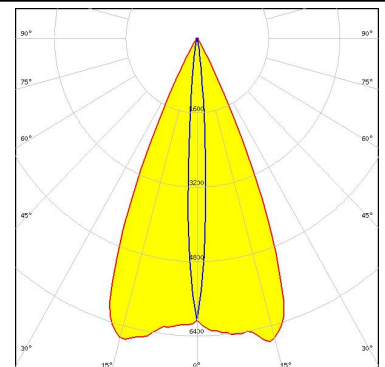
LED XP-G2 HE  
 FWHM 44.0 + 12.0°  
 Efficiency 92 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON Black  
 FWHM 11.0 + 44.0°  
 Efficiency %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON Black Flat  
 FWHM 47.0 + 9.0°  
 Efficiency 94 %  
 Peak intensity 6.7 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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