

## EMILY-RS

~8° spot beam. 14.74 mm high lens.

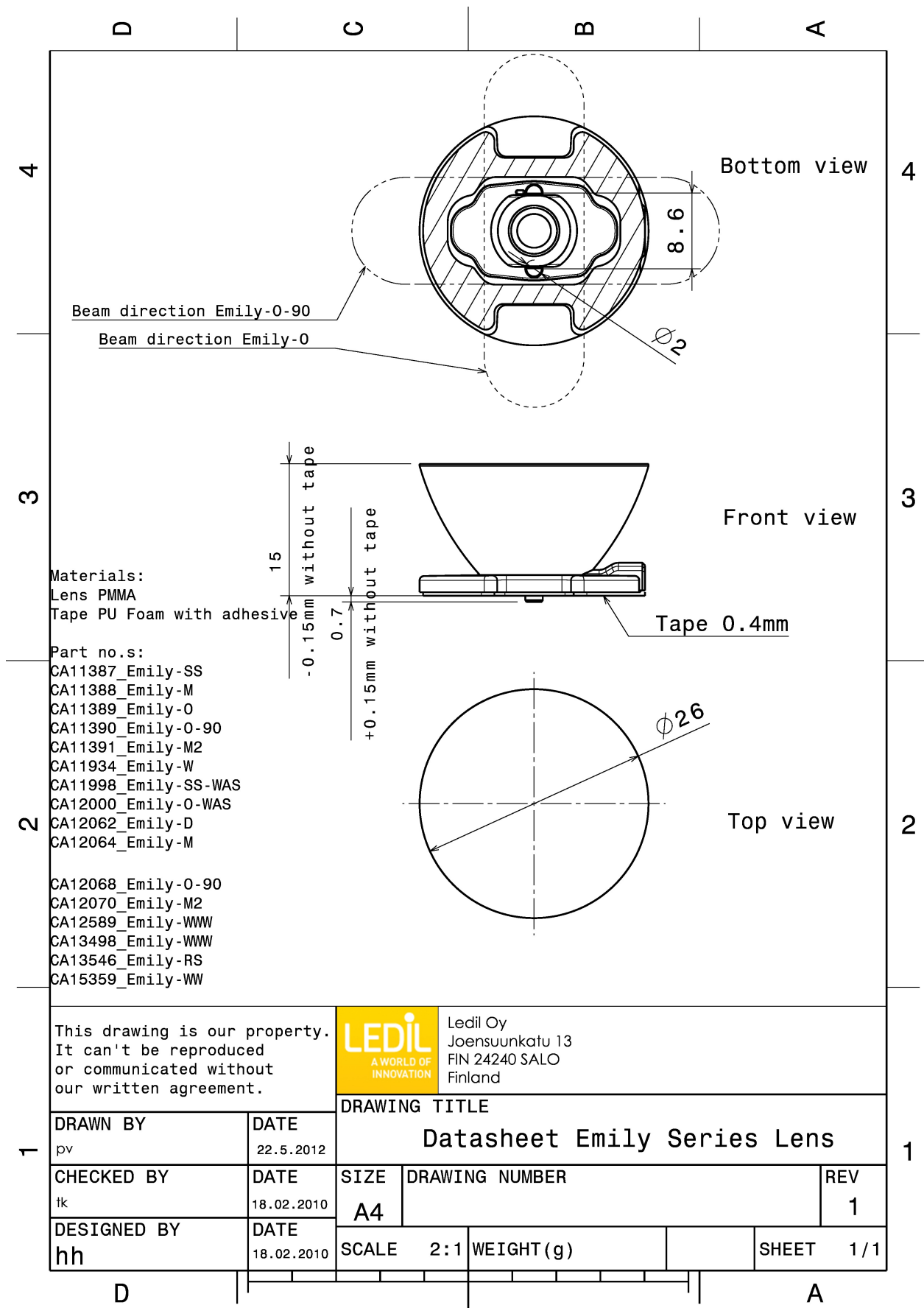
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26 mm
Height	14.7 mm
Fastening	tape
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.3 kg
Quantity in Box	1690 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
EMILY-RS	Lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black



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**LEDiL**  
A WORLD OF INNOVATION

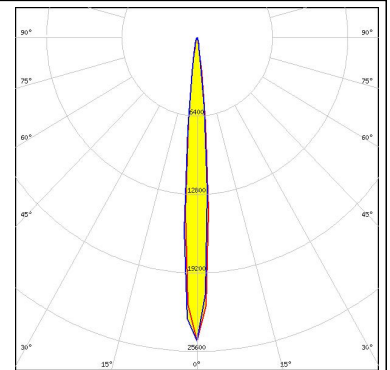
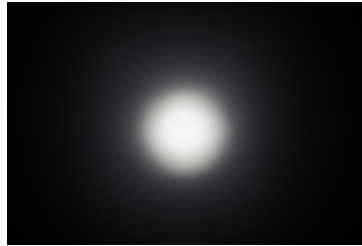
Ledil Oy  
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FIN 24240 SALO  
Finland

<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	

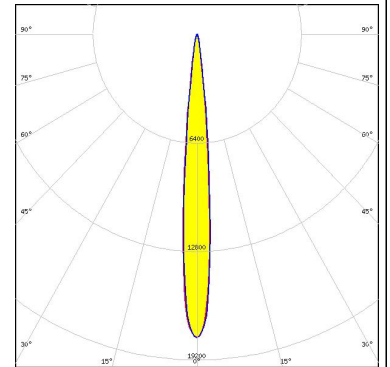
**PHOTOMETRIC DATA (MEASURED):**



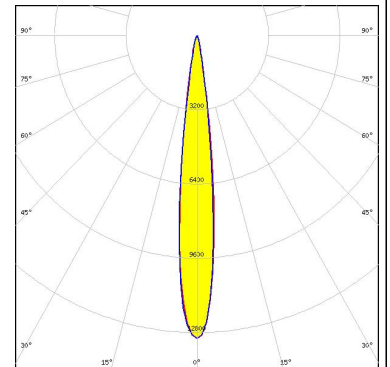
LED XB-H  
FWHM 9.0°  
Efficiency 88 %  
Peak intensity 24.700 cd/Im  
Required components:



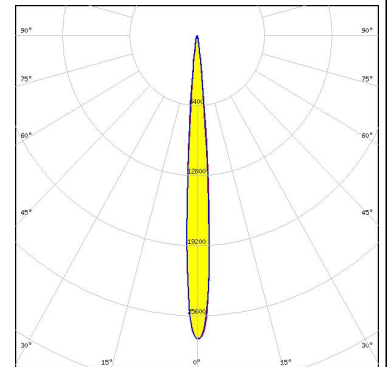
LED XP-G3  
FWHM 10.0°  
Efficiency 94 %  
Peak intensity 18.000 cd/Im  
Required components:



LED XP-L  
FWHM 13.0°  
Efficiency 89 %  
Peak intensity 13.100 cd/Im  
Required components:



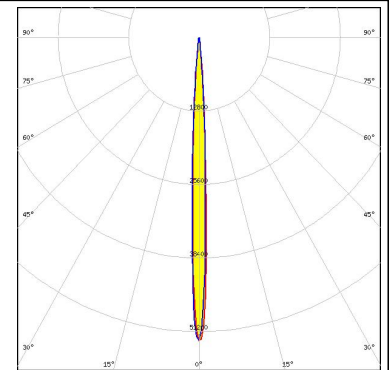
LED XP-L HI  
FWHM 8.0°  
Efficiency 88 %  
Peak intensity 28.000 cd/Im  
Required components:



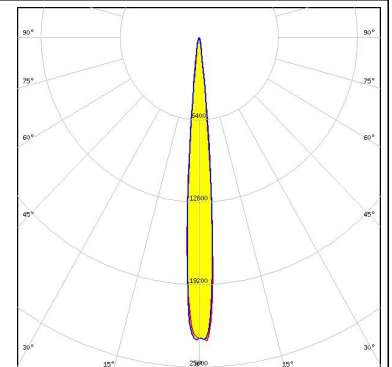
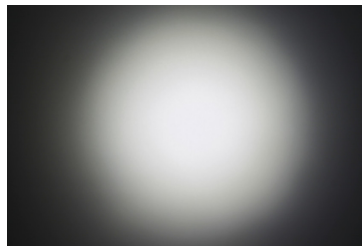
**PHOTOMETRIC DATA (MEASURED):**



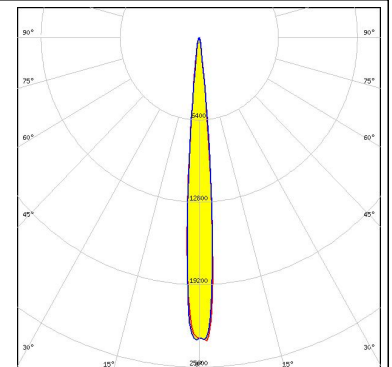
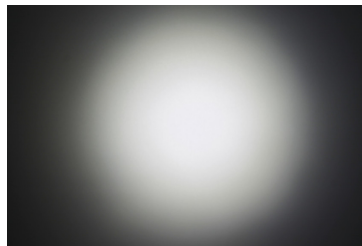
LED LUXEON Z ES  
FWHM 5.0°  
Efficiency 91 %  
Peak intensity 52.000 cd/lm  
Required components:



LED Oslon Square EC  
FWHM 8.0°  
Efficiency 90 %  
Peak intensity 29.100 cd/lm  
Required components:



LED Z5M1/Z5M2  
FWHM 9.0°  
Efficiency 91 %  
Peak intensity 23.700 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED                    LUXEON Z</p> <p>FWHM                5.9°</p> <p>Efficiency           94 %</p> <p>Peak intensity      65.300 cd/lm</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED                    Oslon Black</p> <p>FWHM                11.0°</p> <p>Efficiency           94 %</p> <p>Peak intensity      19.700 cd/lm</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED                    Oslon Black Flat</p> <p>FWHM                6.3°</p> <p>Efficiency           94 %</p> <p>Peak intensity      50.400 cd/lm</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED                    Oslon Square Gen3</p> <p>FWHM                11.0°</p> <p>Efficiency           94 %</p> <p>Peak intensity      19.400 cd/lm</p> <p>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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