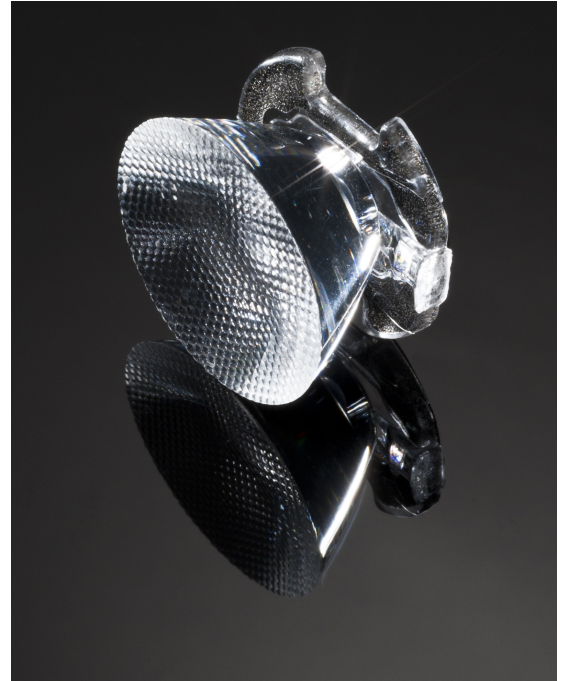


## EMILY-M

~20° medium beam. 14.85 mm high lens.

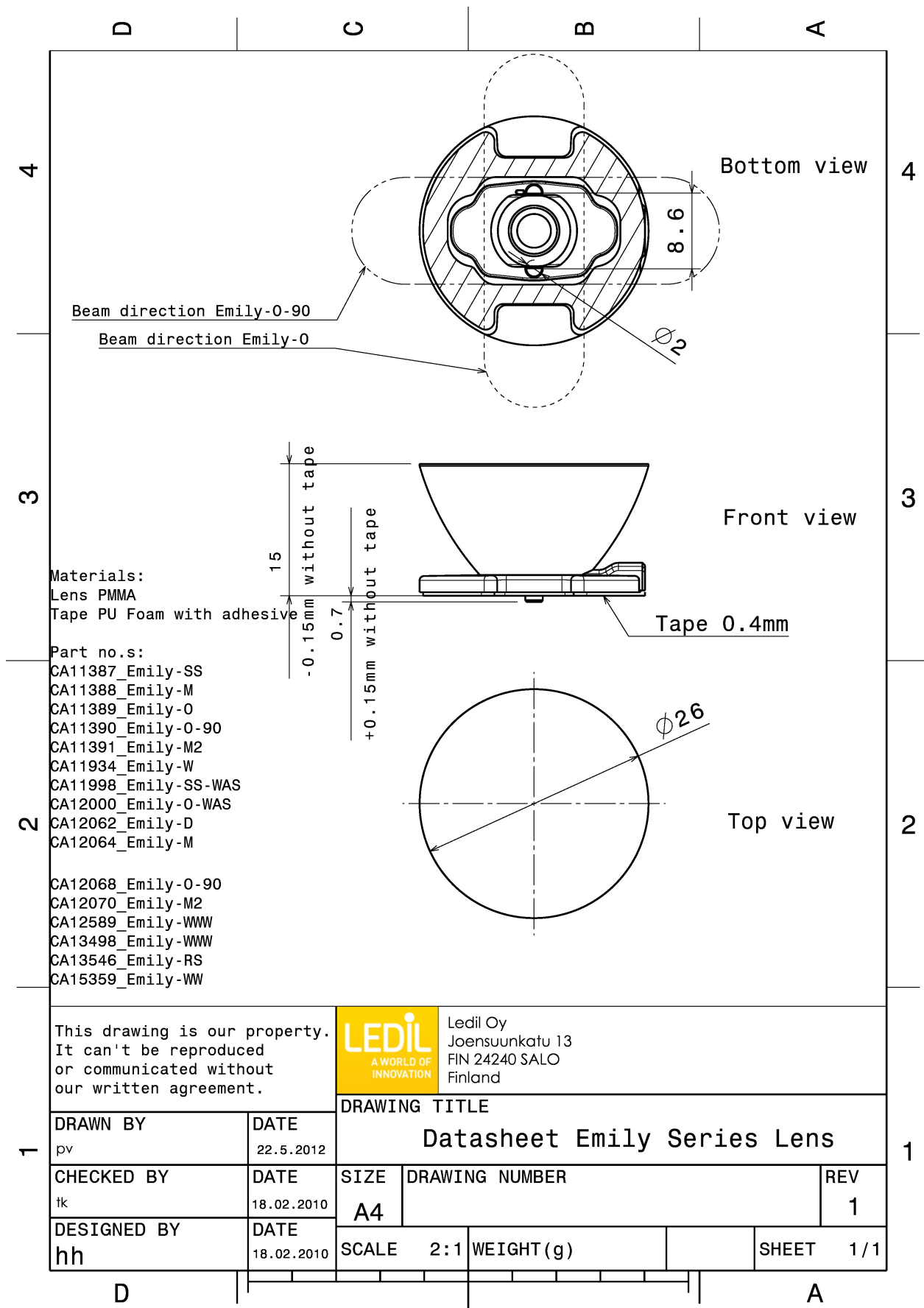
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.9 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.7 kg
Quantity in Box	1690 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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



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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	

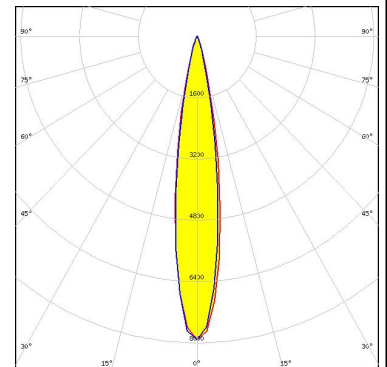
**PHOTOMETRIC DATA (MEASURED):**

**CREE** 

LED XM-L  
FWHM 18.0°  
Efficiency 93 %  
Peak intensity cd/lm  
Required components:

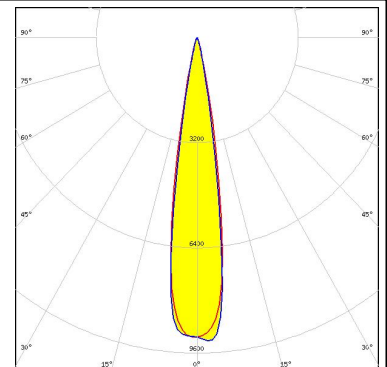
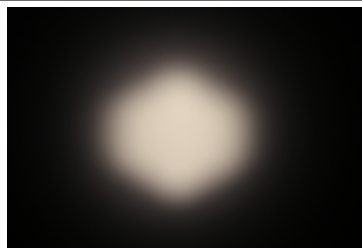
**CREE** 

LED XM-L2  
FWHM 18.0°  
Efficiency 90 %  
Peak intensity 7.900 cd/lm  
Required components:



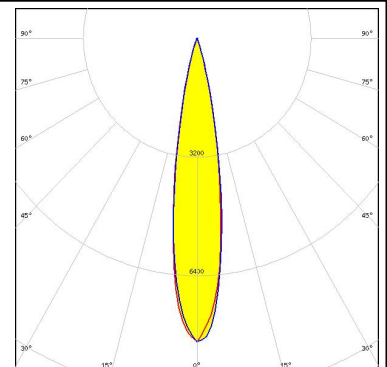
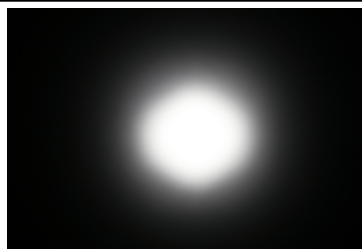
**CREE** 

LED XP-E2  
FWHM 17.0°  
Efficiency 87 %  
Peak intensity 9.200 cd/lm  
Required components:



**CREE** 

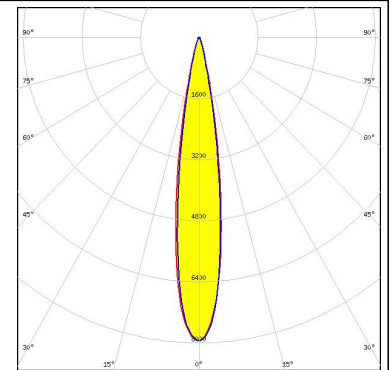
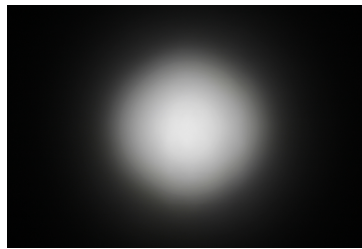
LED XP-G2  
FWHM 18.0°  
Efficiency 90 %  
Peak intensity 10.100 cd/lm  
Required components:



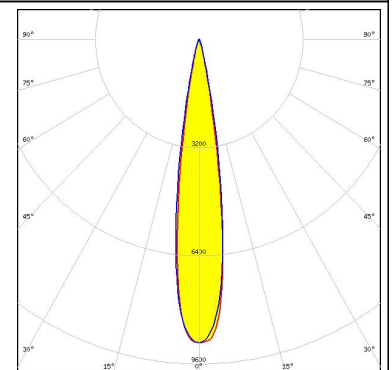
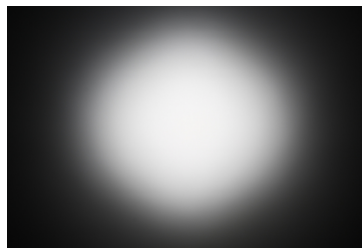
**PHOTOMETRIC DATA (MEASURED):**



LED XP-G3  
FWHM 17.0°  
Efficiency 94 %  
Peak intensity 8.000 cd/lm  
Required components:



LED XP-L HI  
FWHM 17.0°  
Efficiency 88 %  
Peak intensity 9.000 cd/lm  
Required components:



LED XT-E  
FWHM 17.0°  
Efficiency %  
Peak intensity 6.940 cd/lm  
Required components:



LED LUXEON A  
FWHM 18.0°  
Efficiency 90 %  
Peak intensity cd/lm  
Required components:

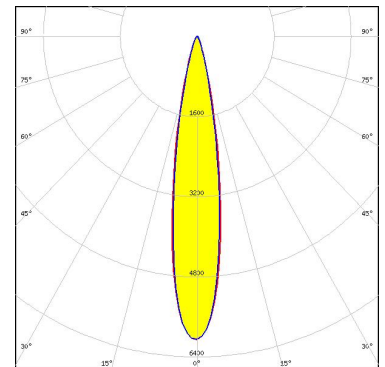
### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 18.0°  
Efficiency 90 %  
Peak intensity cd/lm  
Required components:

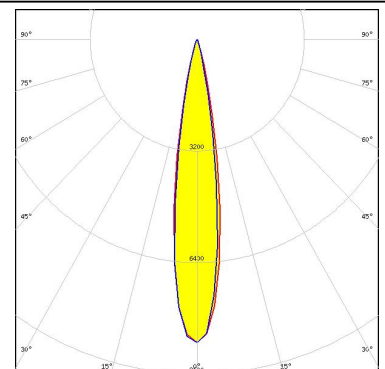
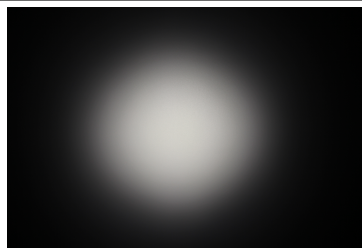
#### NICHIA

LED NS9x383  
FWHM 18.0°  
Efficiency 90 %  
Peak intensity 6.100 cd/lm  
Required components:



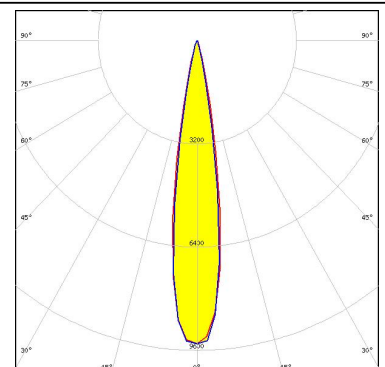
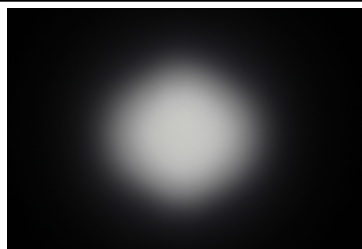
#### **SAMSUNG**

LED LH351B  
FWHM 17.0°  
Efficiency 88 %  
Peak intensity 8.700 cd/lm  
Required components:

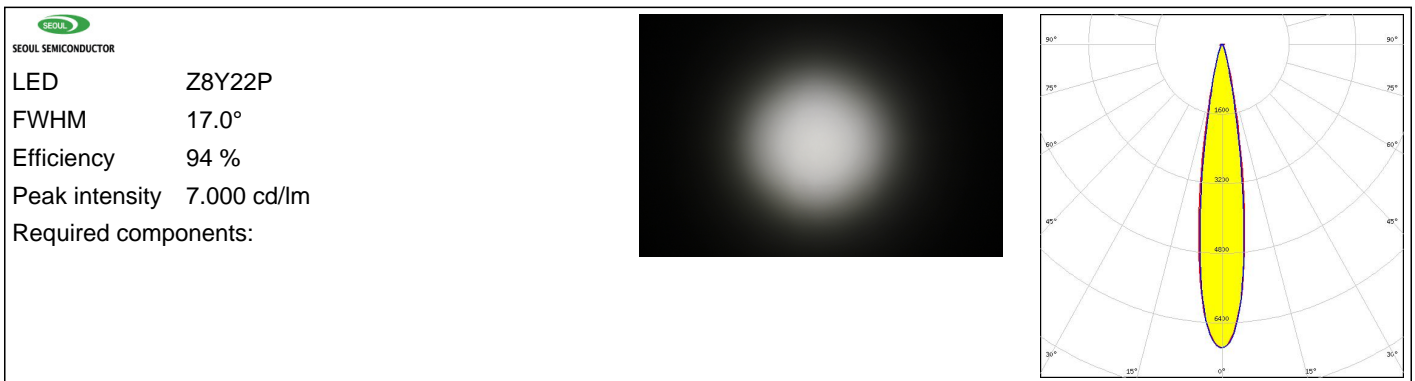


#### **SAMSUNG**

LED LH351Z  
FWHM 18.0°  
Efficiency 89 %  
Peak intensity 9.400 cd/lm  
Required components:



### PHOTOMETRIC DATA (MEASURED):



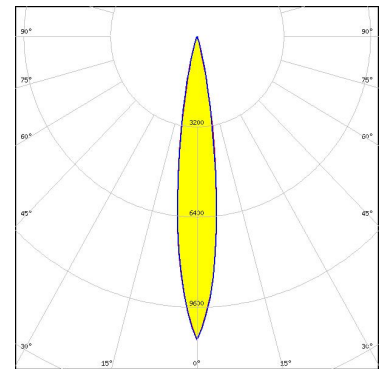
### PHOTOMETRIC DATA (SIMULATED):



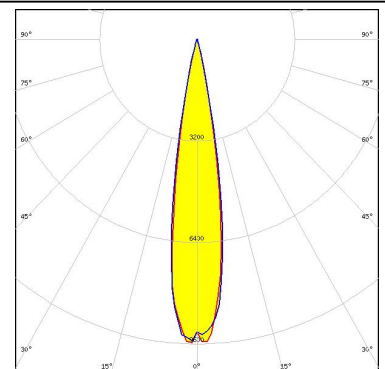
LED XM-L HVW  
FWHM 19.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:



LED Oslon Black  
FWHM 15.0°  
Efficiency 94 %  
Peak intensity 10.900 cd/lm  
Required components:



LED Oslon Black Flat  
FWHM 17.0°  
Efficiency 94 %  
Peak intensity 10.000 cd/lm  
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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