



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



EMILY-O-90

~10° x 45° oval beam. 14.97 mm high lens.
Variant with beam direction rotated 90°.

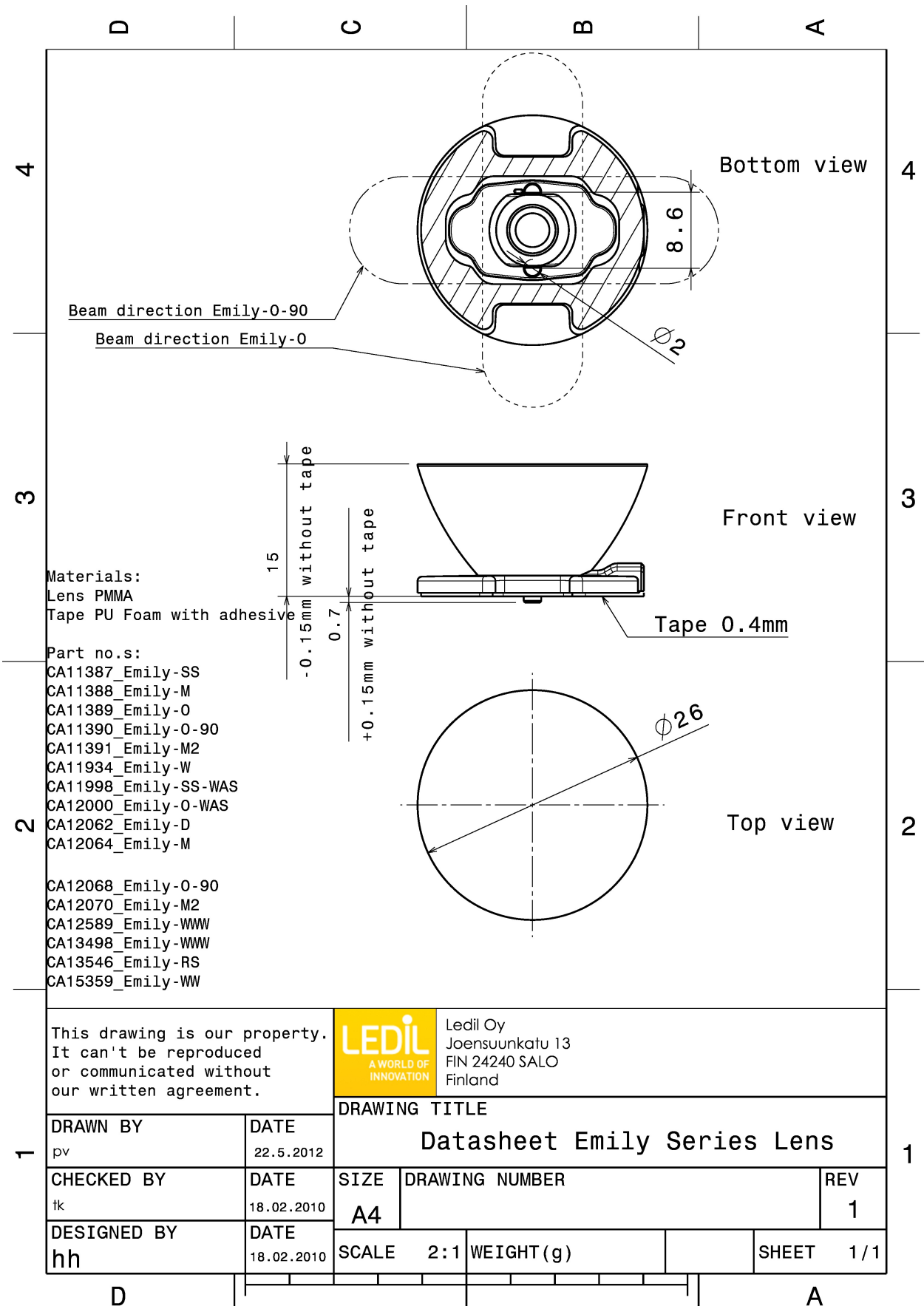
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26 mm
Height	15 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.5 kg
Quantity in Box	1690 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
EMILY-O-90	Lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black



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Ledil Oy
Joensuunkatu 13
FIN 24240 SALO
Finland

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

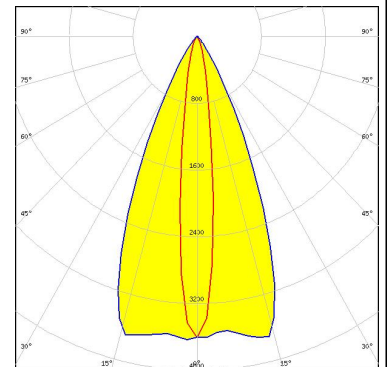
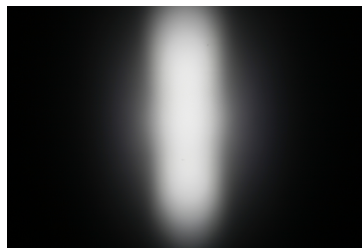
PHOTOMETRIC DATA (MEASURED):

CREE ⇄

LED XM-L
FWHM 47.0 + 13.0°
Efficiency 90 %
Peak intensity cd/lm
Required components:

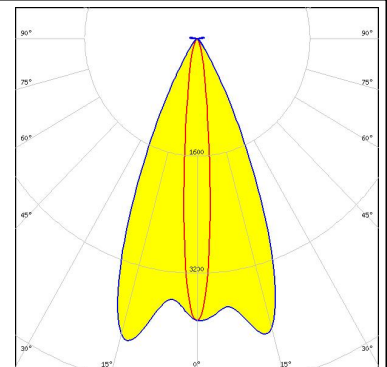
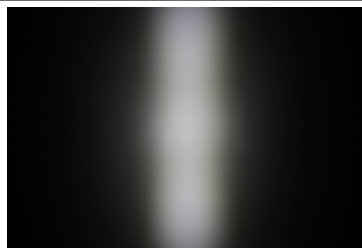
CREE ⇄

LED XM-L2
FWHM 14.0 + 48.0°
Efficiency 87 %
Peak intensity 3.700 cd/lm
Required components:



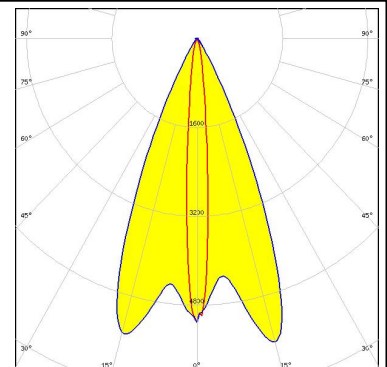
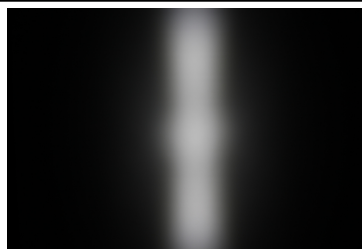
CREE ⇄

LED XP-G3
FWHM 11.0 + 48.0°
Efficiency 92 %
Peak intensity 4.200 cd/lm
Required components:



CREE ⇄

LED XP-L HI
FWHM 9.0 + 48.0°
Efficiency 87 %
Peak intensity 5.700 cd/lm
Required components:



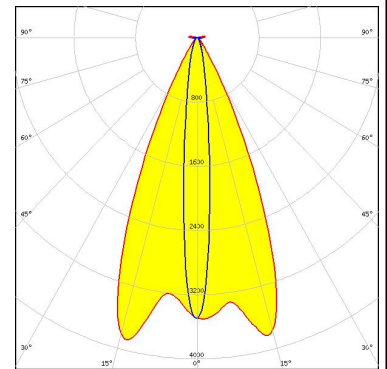
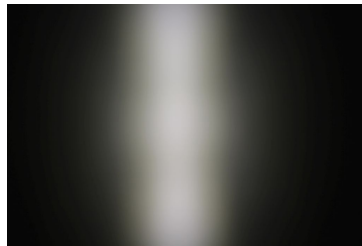
PHOTOMETRIC DATA (MEASURED):



LED LUXEON Rebel ES
FWHM 44.0 + 10.0°
Efficiency 90 %
Peak intensity cd/lm
Required components:



LED Z8Y22P
FWHM 11.0 + 48.0°
Efficiency 92 %
Peak intensity 3.900 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED	XM-L HVW
FWHM	48.0 + 12.0°
Efficiency	%
Peak intensity	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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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Hong Kong, China

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