



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!



Contact us

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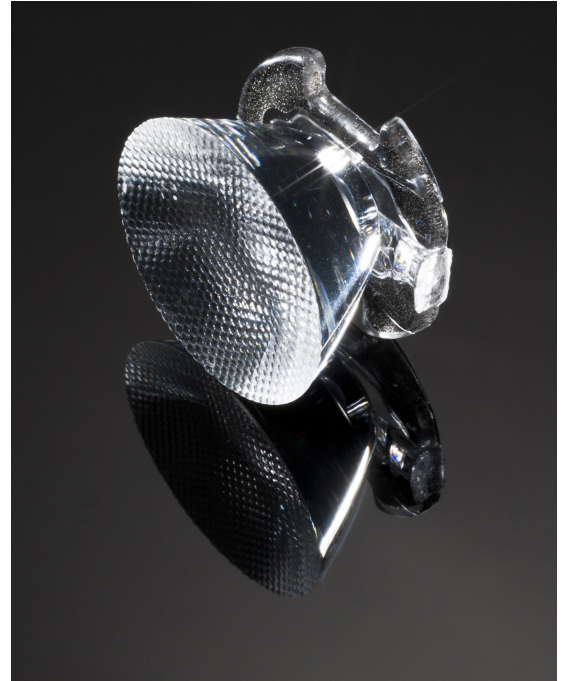


EMILY-M

~20° medium beam. 14.85 mm high lens.

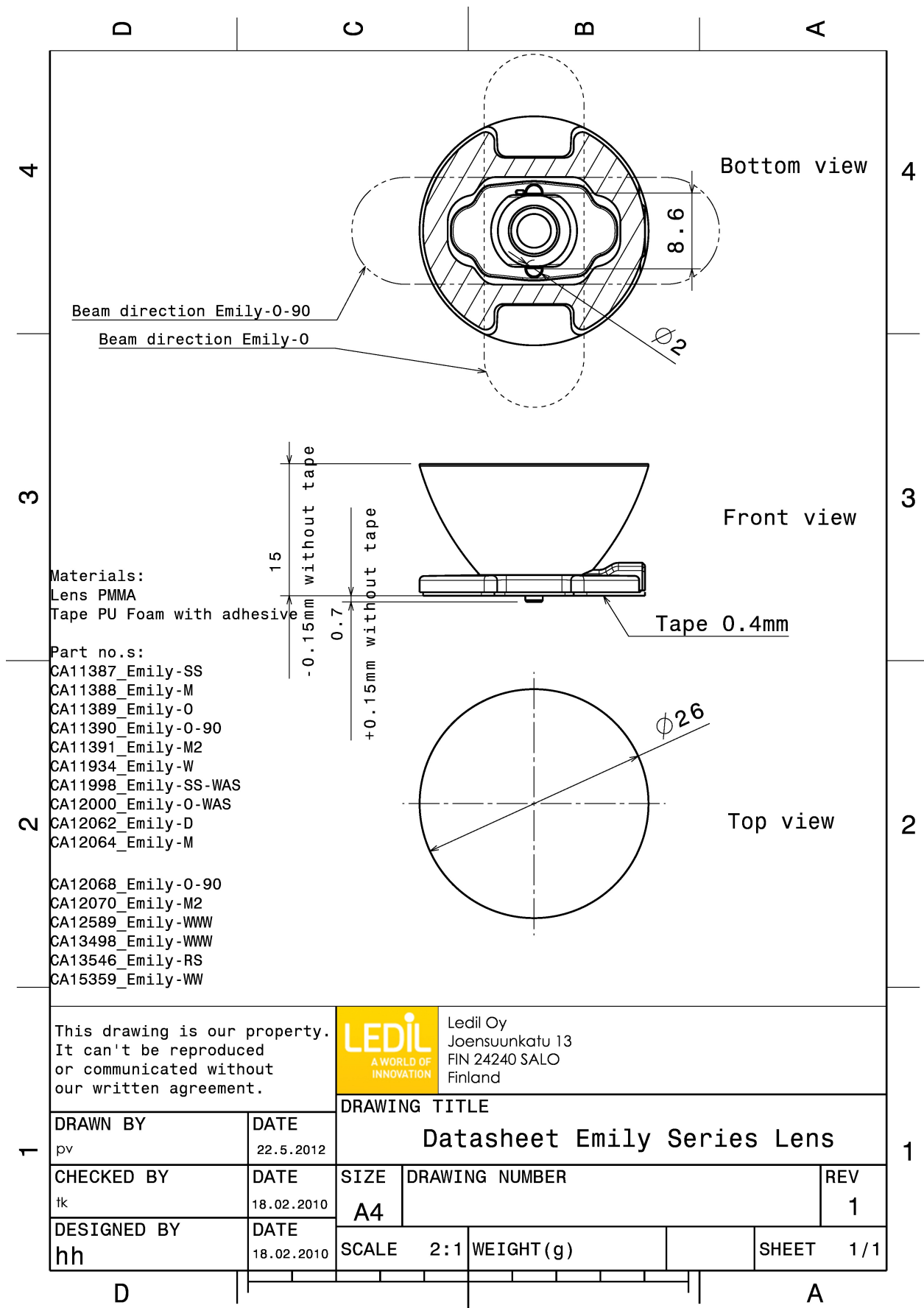
TECHNICAL SPECIFICATIONS:

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

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

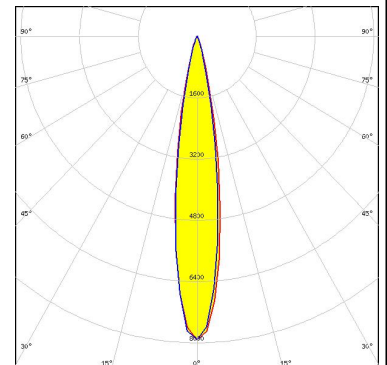
PHOTOMETRIC DATA (MEASURED):

CREE 

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

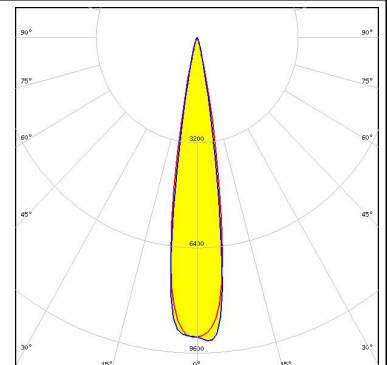
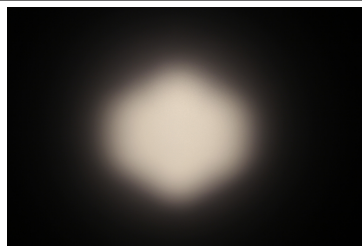
CREE 

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



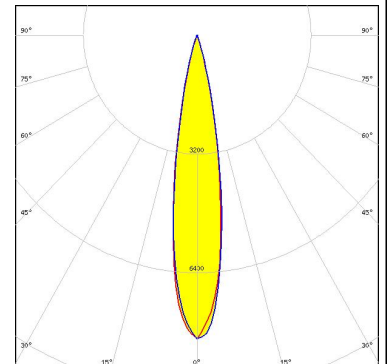
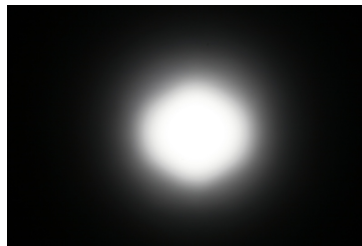
CREE 

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



CREE 

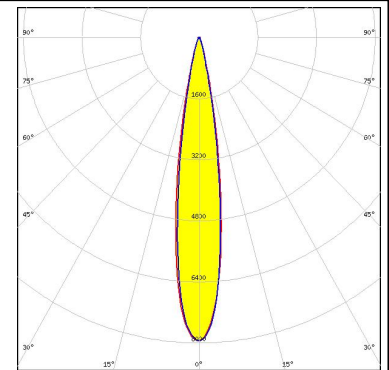
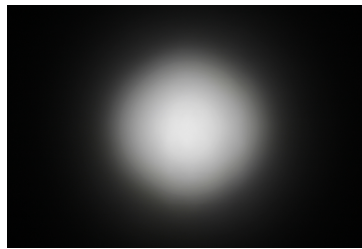
LED XP-G2
FWHM 18.0°
Efficiency 90 %
Peak intensity 10.100 cd/lm
Required components:



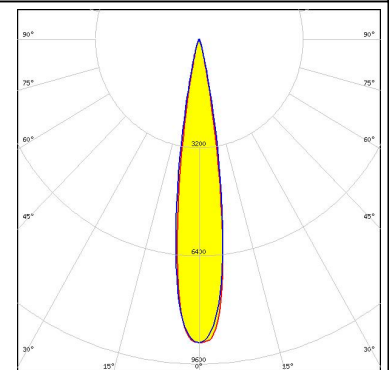
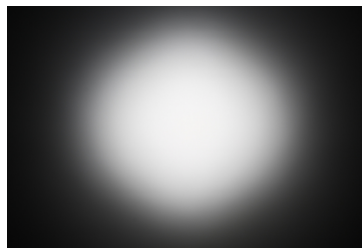
PHOTOMETRIC DATA (MEASURED):



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:

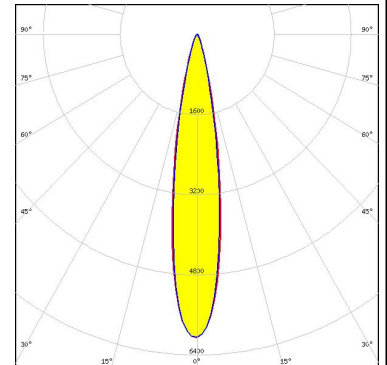
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

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

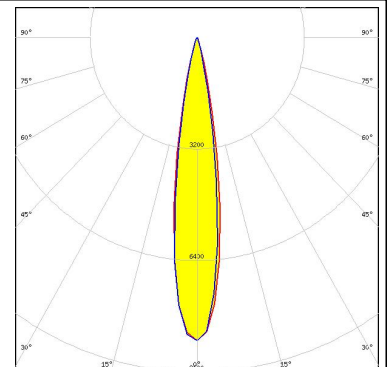
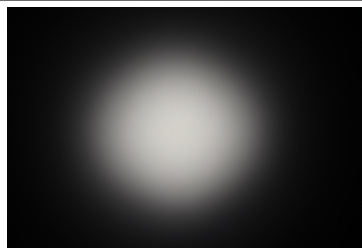
NICHIA

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



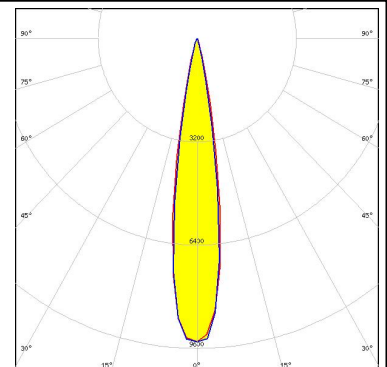
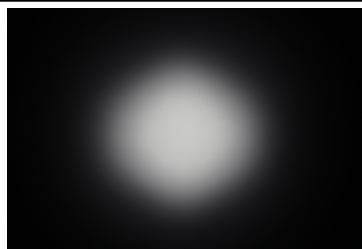
SAMSUNG

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

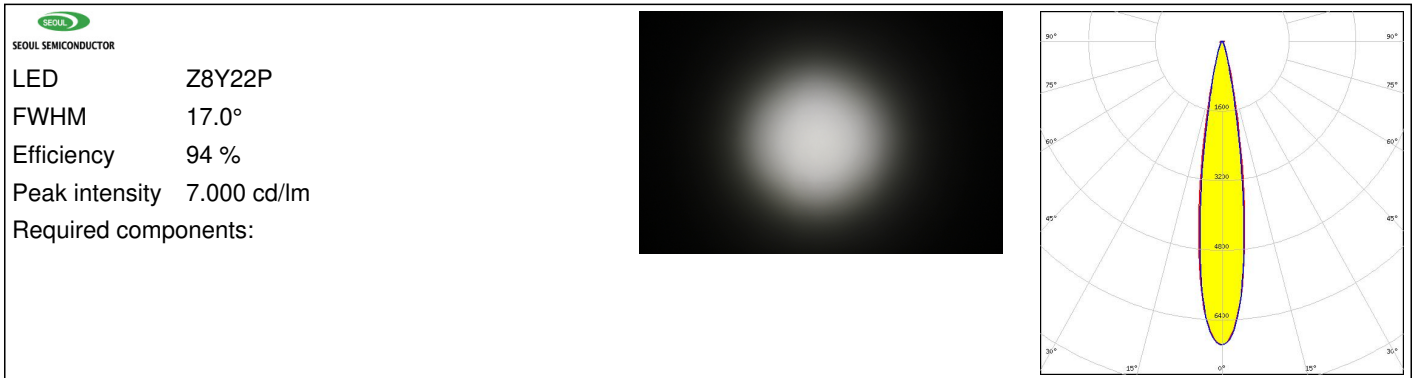


SAMSUNG

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



PHOTOMETRIC DATA (MEASURED):



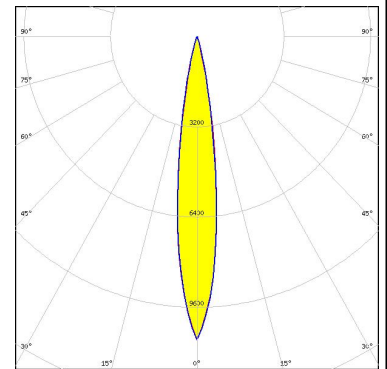
PHOTOMETRIC DATA (SIMULATED):



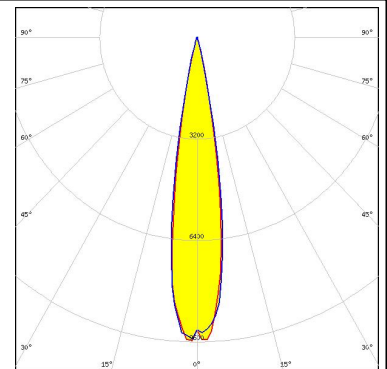
LED XM-L HVW
FWHM 19.0°
Efficiency %
Peak intensity cd/lm
Required components:



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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