



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

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



## EMILY-D

~11° diffused spot beam. 14.74 mm high lens.

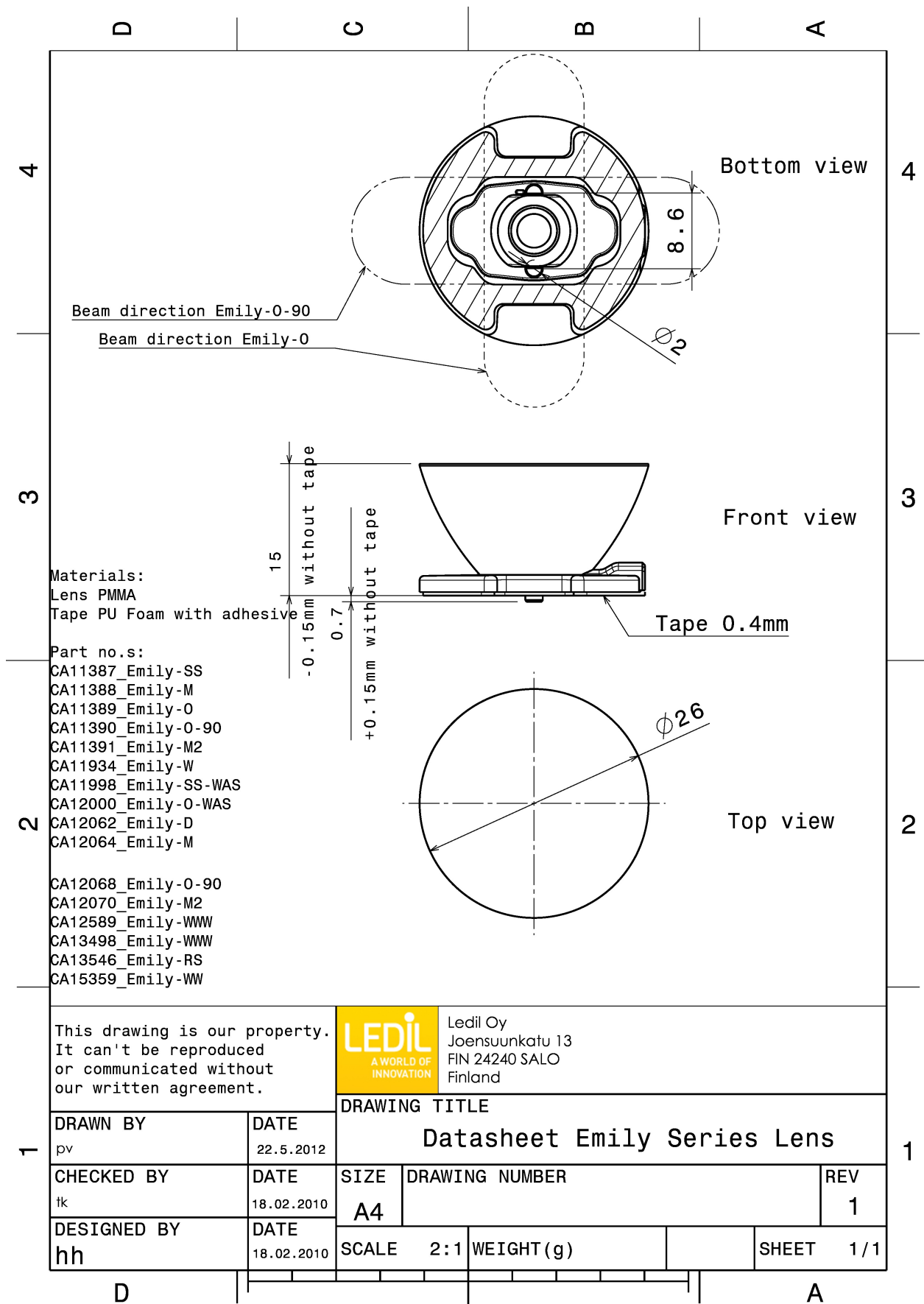
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26 mm
Height	14.7 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:

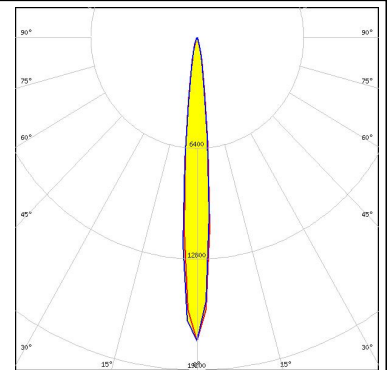
Component	Type	Material	Colour
EMILY-D	Lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black



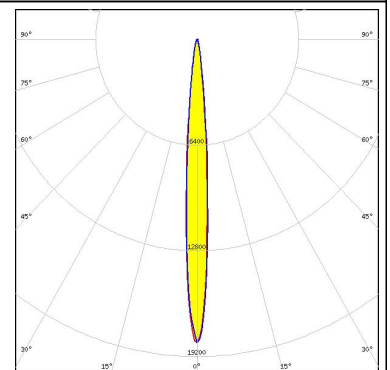
**PHOTOMETRIC DATA (MEASURED):**



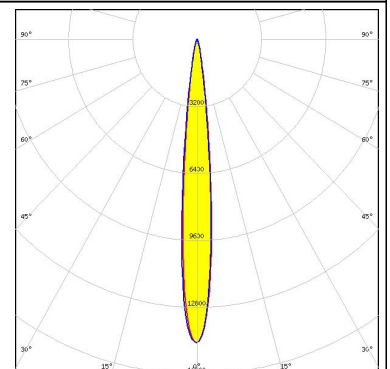
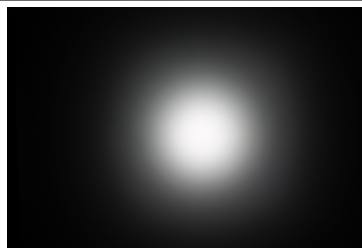
LED XB-H  
FWHM 10.0°  
Efficiency 89 %  
Peak intensity 17.500 cd/lm  
Required components:



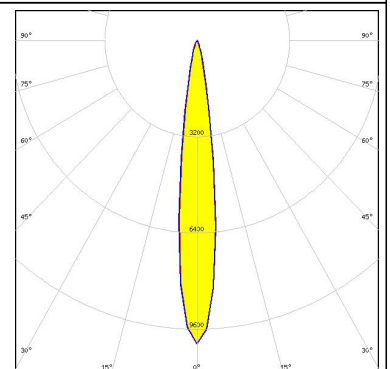
LED XD16  
FWHM 8.0°  
Efficiency 92 %  
Peak intensity 18.400 cd/lm  
Required components:



LED XHP35 HI  
FWHM 11.0°  
Efficiency 92 %  
Peak intensity 14.500 cd/lm  
Required components:



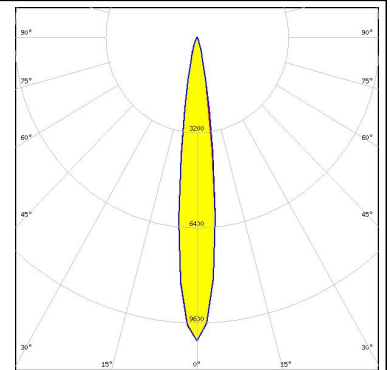
LED XM-L  
FWHM 14.0°  
Efficiency 90 %  
Peak intensity 10.100 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

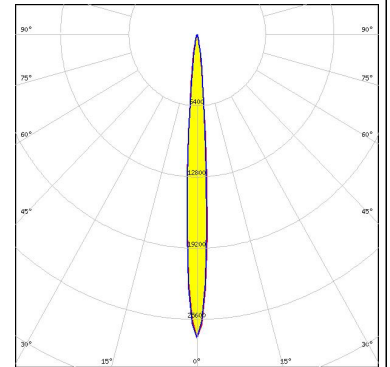
**CREE** 

LED XM-L2  
 FWHM 14.0°  
 Efficiency 90 %  
 Peak intensity 10.200 cd/lm  
 Required components:



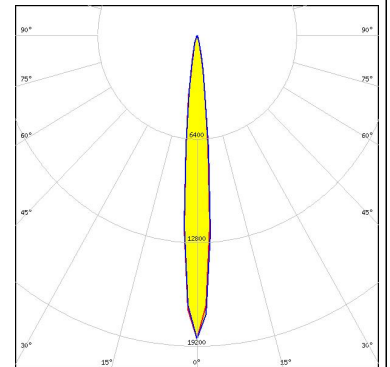
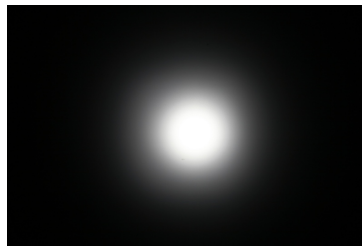
**CREE** 

LED XP-E2  
 FWHM 8.0°  
 Efficiency 87 %  
 Peak intensity 27.300 cd/lm  
 Required components:



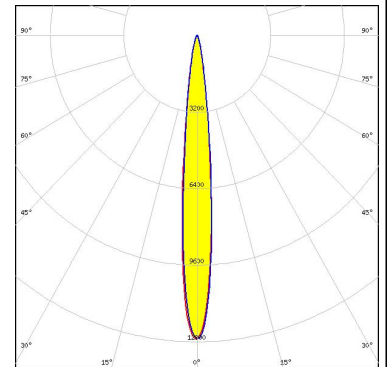
**CREE** 

LED XP-G2  
 FWHM 10.0°  
 Efficiency 90 %  
 Peak intensity 20.800 cd/lm  
 Required components:



**CREE** 

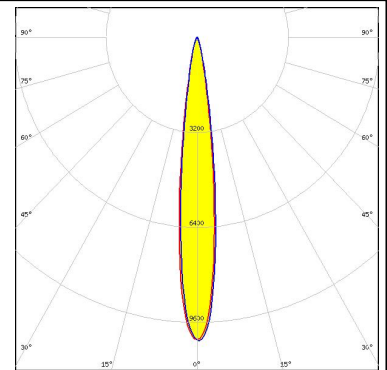
LED XP-G3  
 FWHM 11.0°  
 Efficiency 94 %  
 Peak intensity 13.000 cd/lm  
 Required components:



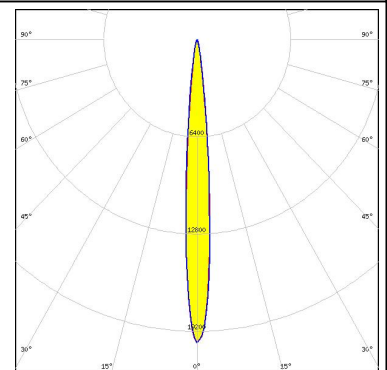
**PHOTOMETRIC DATA (MEASURED):**



LED XP-L  
FWHM 13.0°  
Efficiency 90 %  
Peak intensity 10.200 cd/lm  
Required components:



LED XP-L HI  
FWHM 9.0°  
Efficiency 87 %  
Peak intensity 20.000 cd/lm  
Required components:



LED XT-E  
FWHM 9.0°  
Efficiency %  
Peak intensity 14.000 cd/lm  
Required components:

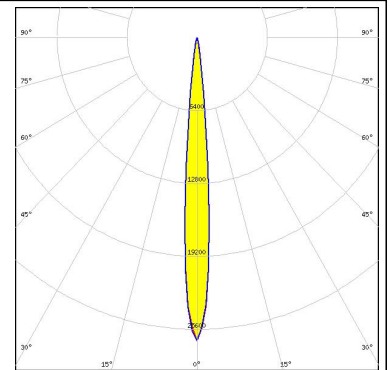


LED LUXEON A  
FWHM 11.0°  
Efficiency 91 %  
Peak intensity cd/lm  
Required components:

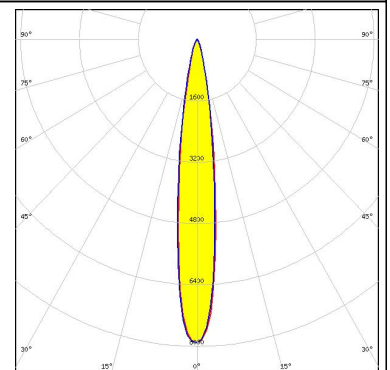
### PHOTOMETRIC DATA (MEASURED):



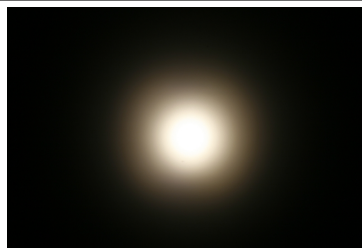
LED LUXEON Rebel ES  
FWHM 10.0°  
Efficiency 91 %  
Peak intensity cd/lm  
Required components:



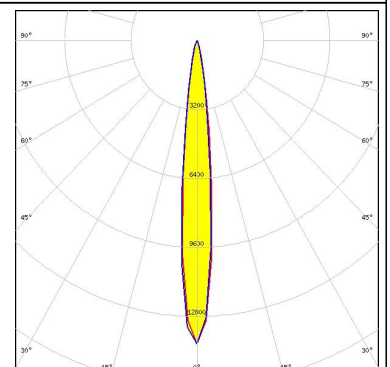
LED NS9x383  
FWHM 14.0°  
Efficiency 90 %  
Peak intensity 7.900 cd/lm  
Required components:



LED Oslon Square EC  
FWHM 9.0°  
Efficiency 86 %  
Peak intensity 20.060 cd/lm  
Required components:



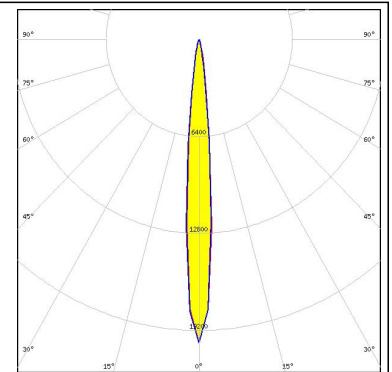
LED LH351B  
FWHM 12.0°  
Efficiency 88 %  
Peak intensity 14.000 cd/lm  
Required components:



**PHOTOMETRIC DATA (MEASURED):**

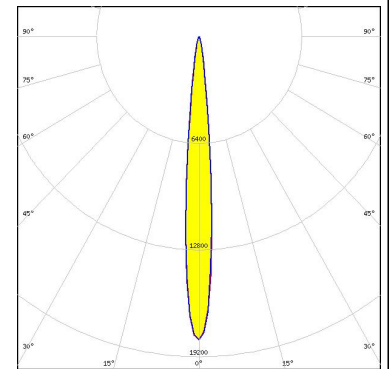
**SAMSUNG**

LED LH351Z  
FWHM 10.0°  
Efficiency 88 %  
Peak intensity 20.000 cd/lm  
Required components:



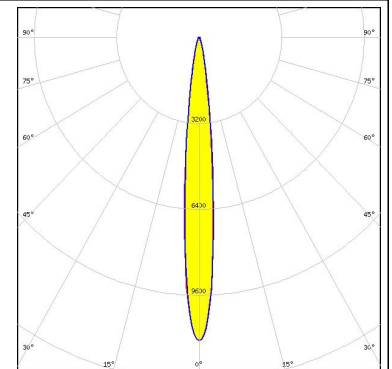
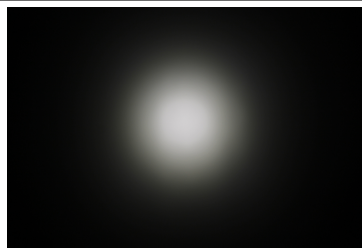
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 10.0°  
Efficiency 94 %  
Peak intensity 18.200 cd/lm  
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 11.0°  
Efficiency 93 %  
Peak intensity 11.300 cd/lm  
Required components:

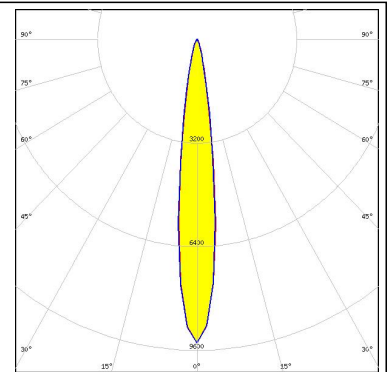




#### PHOTOMETRIC DATA (SIMULATED):

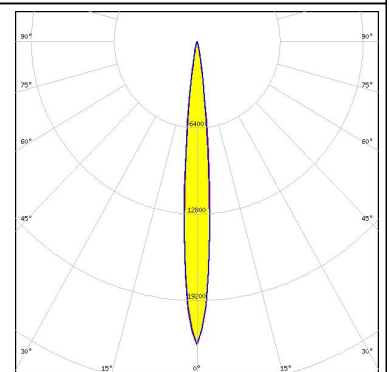
**CREE** 

LED XM-L HVW  
FWHM 14.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:



**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 9.9°  
Efficiency 94 %  
Peak intensity 22.500 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:

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