



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



CUTE-3-M

~25° medium beam with 3 mm high location pins

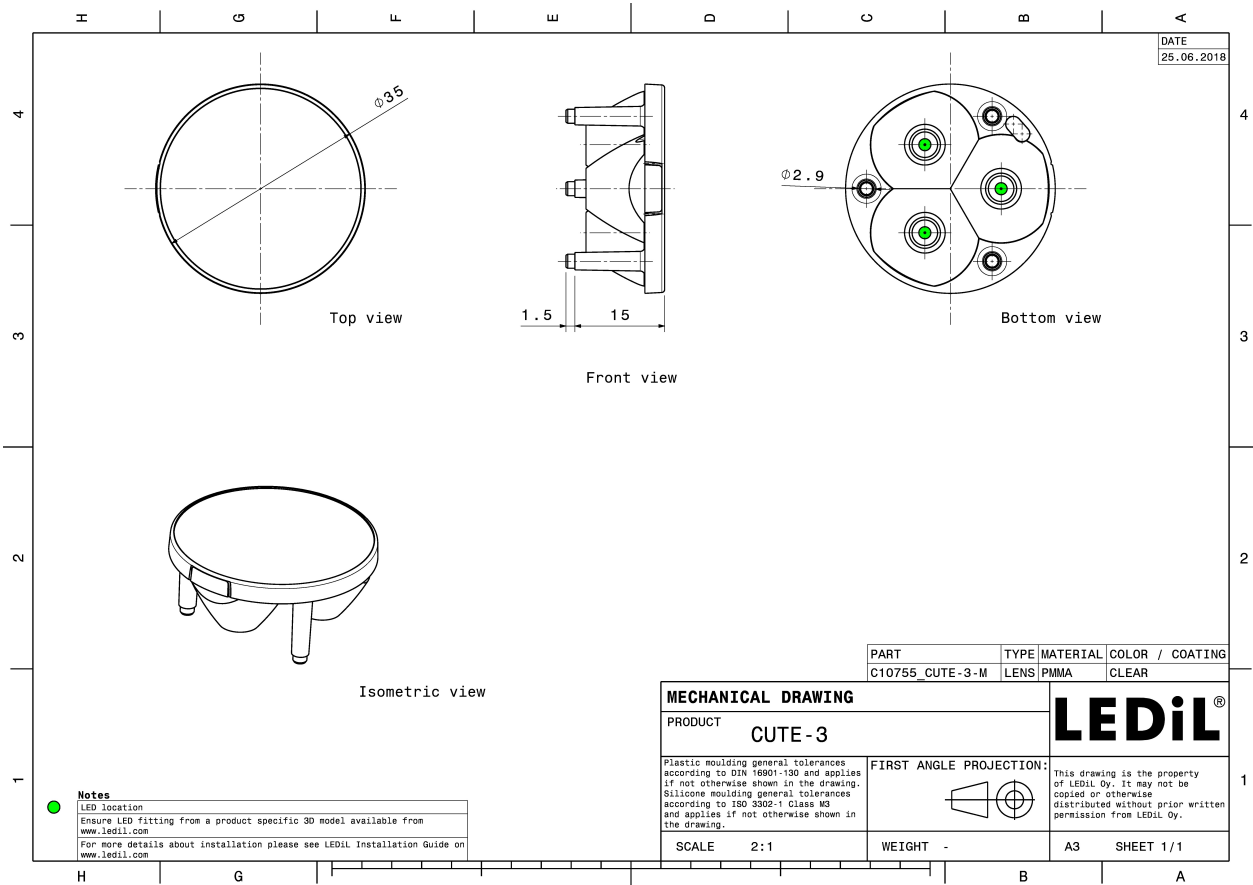
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | Ø 35 mm |
| Height | 15 mm |
| Fastening | glue, pin |
| Colour | clear |
| Box size | 480 x 280 x 300 mm |
| Box weight | 7 kg |
| Quantity in Box | 630 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

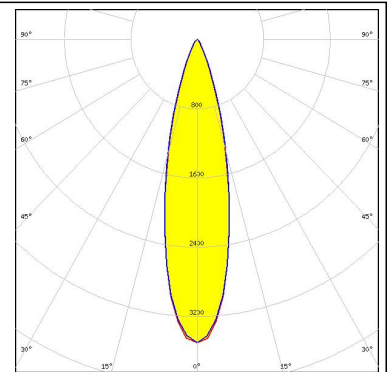
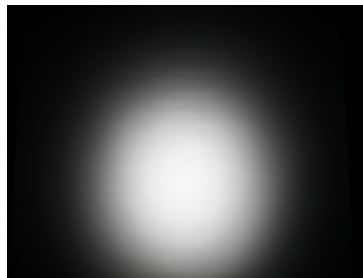
| Component | Type | Material | Colour |
|-----------|------------|----------|--------|
| CUTE-3-M | Lens array | PMMA | clear |



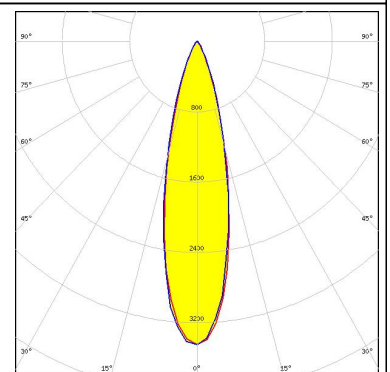
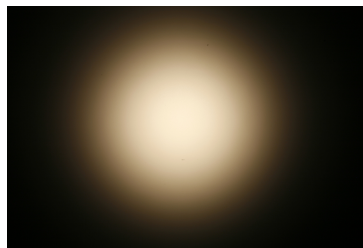
PHOTOMETRIC DATA (MEASURED):



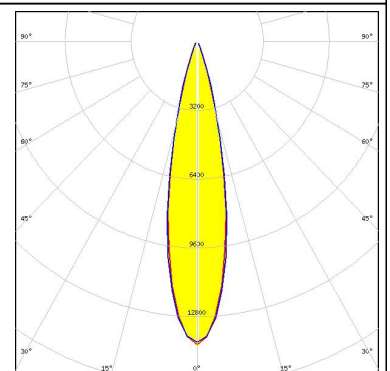
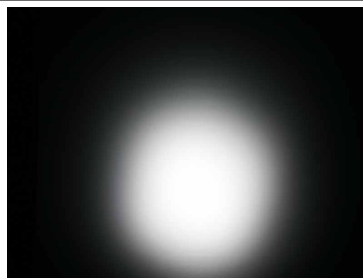
LED XM-L
FWHM 25.0°
Efficiency 90 %
Peak intensity 3.510 cd/lm
Required components:



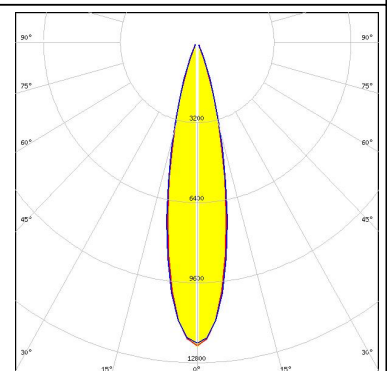
LED XM-L2
FWHM 26.0°
Efficiency 89 %
Peak intensity 3.500 cd/lm
Required components:



LED XP-E
FWHM 22.0°
Efficiency 92 %
Peak intensity 4.710 cd/lm
Required components:



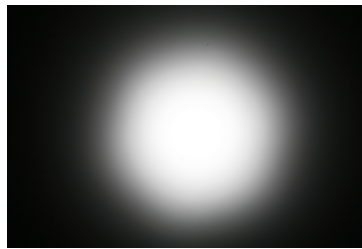
LED XP-G
FWHM 23.0°
Efficiency 92 %
Peak intensity 4.040 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

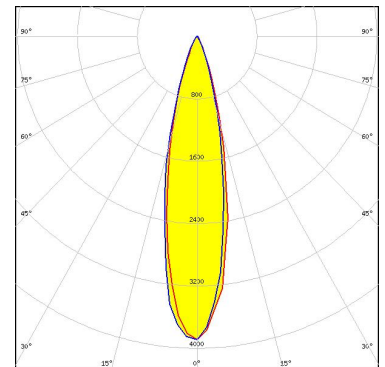
CREE 

LED XP-G2
FWHM 22.0°
Efficiency 88 %
Peak intensity 4.400 cd/lm
Required components:



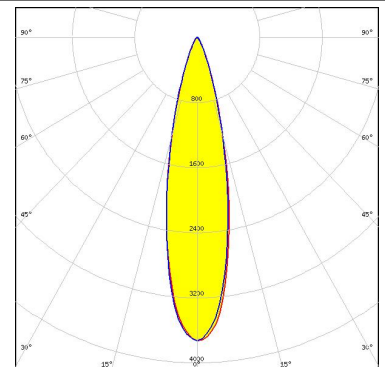
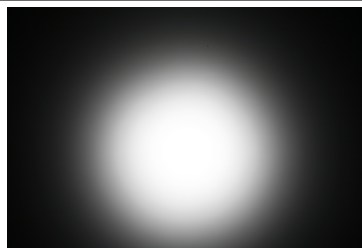
CREE 

LED XT-E
FWHM 23.0°
Efficiency 85 %
Peak intensity 3.900 cd/lm
Required components:



 **LG Innotek**

LED H35C1 (LEMWA33)
FWHM 25.0°
Efficiency 86 %
Peak intensity 3.700 cd/lm
Required components:



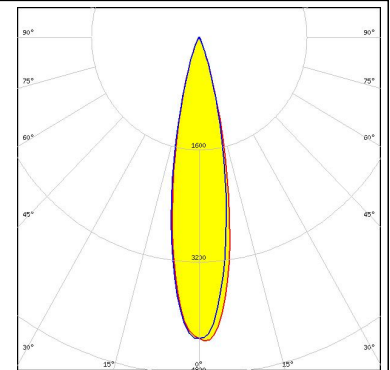
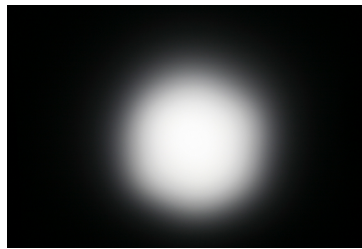
 **LUMILEDS**

LED LUXEON A
FWHM 24.0°
Efficiency 88 %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM 23.0°
Efficiency 88 %
Peak intensity 4.290 cd/lm
Required components:



LUMILEDS

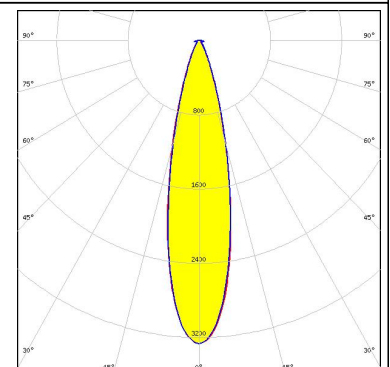
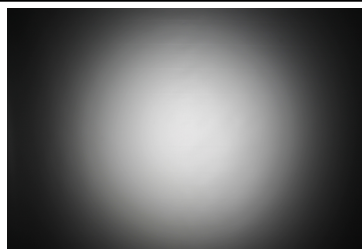
LED LUXEON Rebel ES
FWHM 24.0°
Efficiency 88 %
Peak intensity cd/lm
Required components:

NICHIA

LED NCSxx19A
FWHM 25.0°
Efficiency 89 %
Peak intensity cd/lm
Required components:

NICHIA

LED NVSxx19A
FWHM 24.0°
Efficiency 93 %
Peak intensity 3.300 cd/lm
Required components:



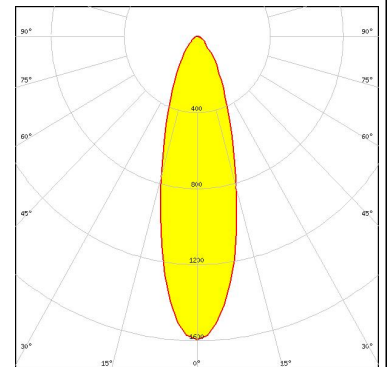
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 28.0°
Efficiency %
Peak intensity 2.210 cd/lm
Required components:

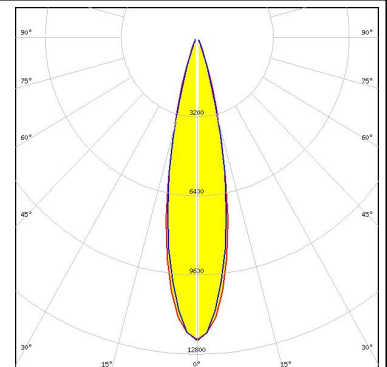
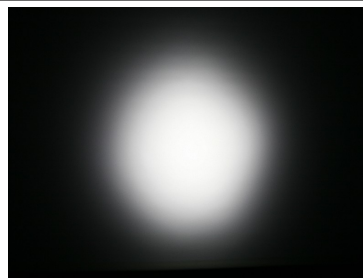
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 31.0°
Efficiency %
Peak intensity 1.600 cd/lm
Required components:



OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 23.0°
Efficiency 89 %
Peak intensity 4.070 cd/lm
Required components:

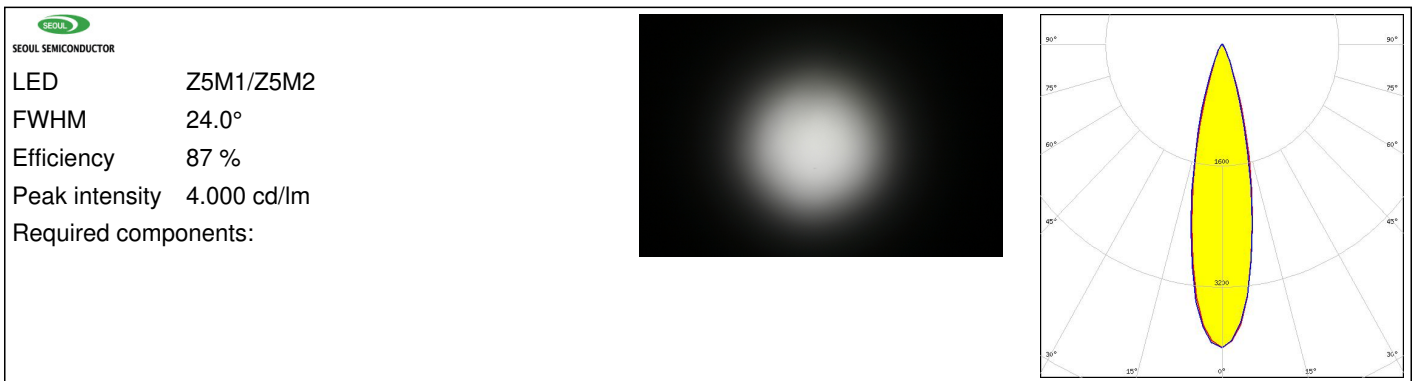


SEOL

SEOUL SEMICONDUCTOR

LED Z5
FWHM 22.0°
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):



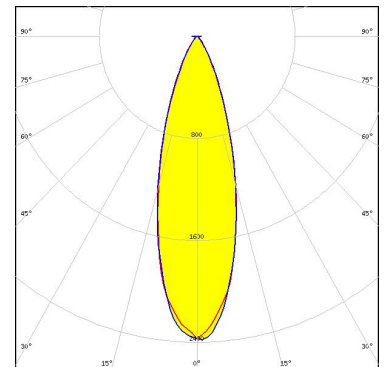
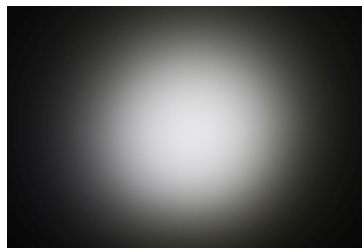
PHOTOMETRIC DATA (SIMULATED):

CREE

LED XM-L HVW
FWHM 33.0°
Efficiency %
Peak intensity cd/lm
Required components:

CREE

LED XP-G3
FWHM 31.0°
Efficiency 91 %
Peak intensity 2.400 cd/lm
Required components:



CREE

LED XT-E HVW
FWHM 30.0°
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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
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