



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



CUTE-3-W

~40° wide beam with 1.5 mm high location pins

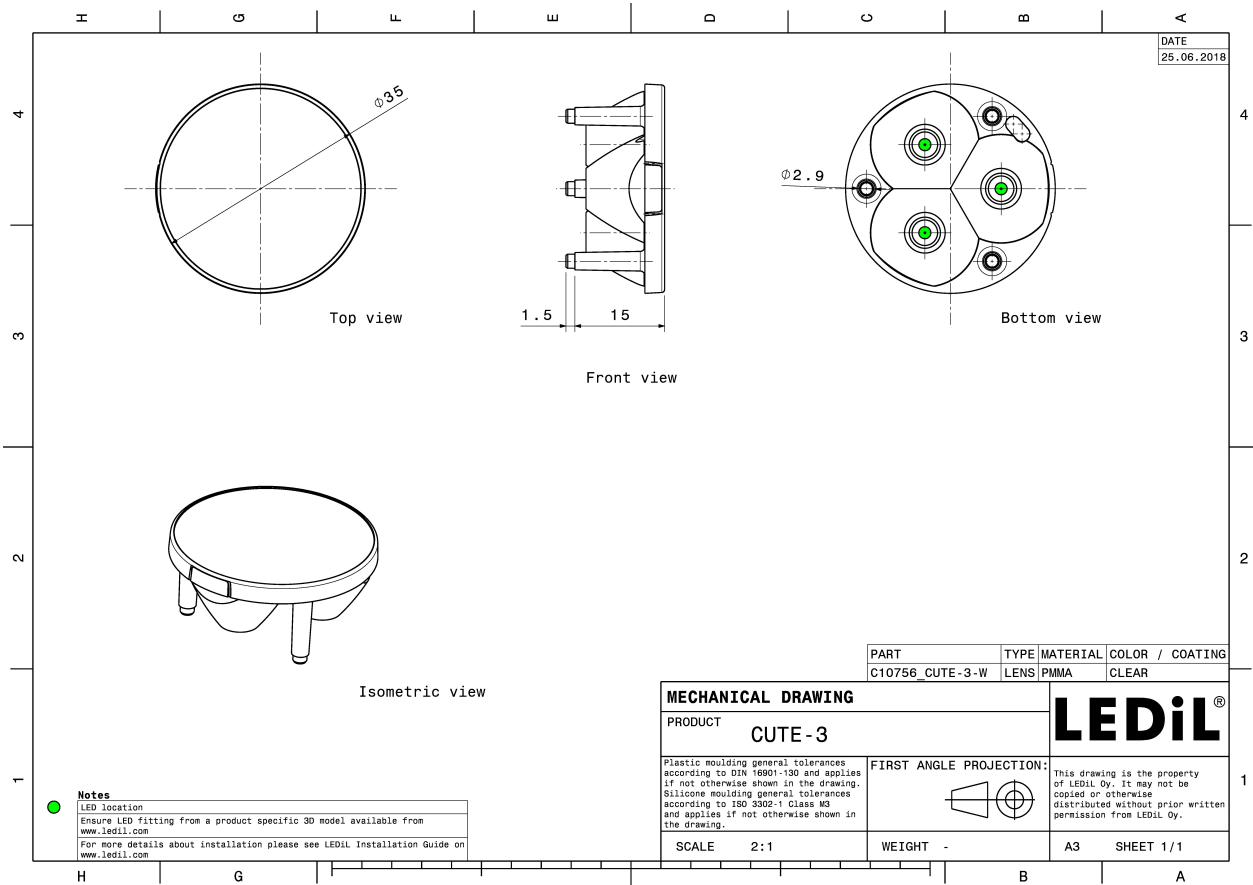
TECHNICAL SPECIFICATIONS:

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:

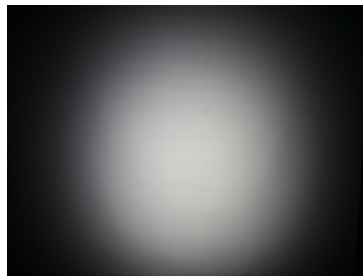
Component	Type	Material	Colour
CUTE-3-W	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

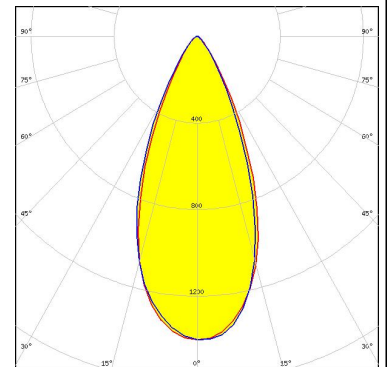
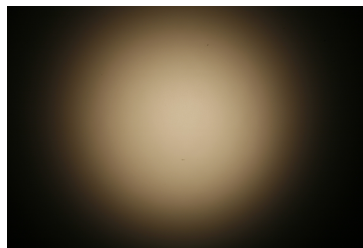
CREE 

LED XM-L
FWHM 42.0°
Efficiency 83 %
Peak intensity cd/lm
Required components:



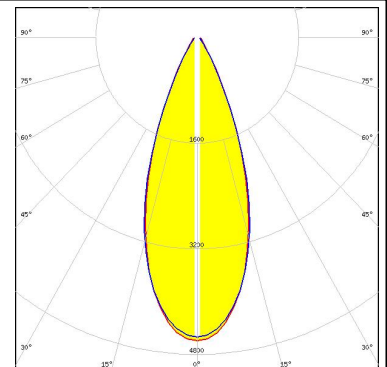
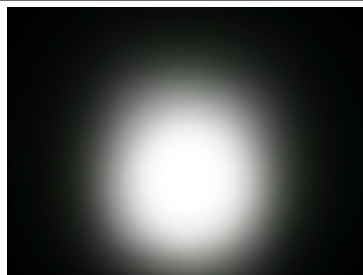
CREE 

LED XM-L2
FWHM 45.0°
Efficiency 86 %
Peak intensity 1.400 cd/lm
Required components:



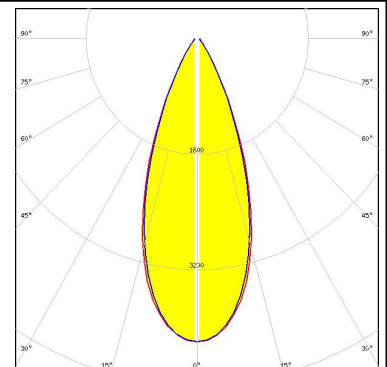
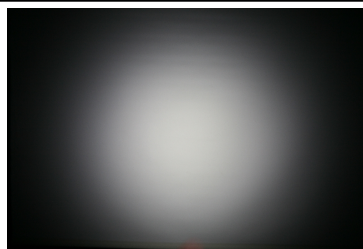
CREE 

LED XP-E
FWHM 40.0°
Efficiency 90 %
Peak intensity 1.530 cd/lm
Required components:



CREE 

LED XP-G
FWHM 40.0°
Efficiency 90 %
Peak intensity 1.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

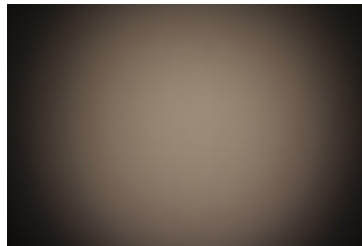
CREE 

LED XP-G2
FWHM 40.0°
Efficiency 87 %
Peak intensity 1.800 cd/lm
Required components:



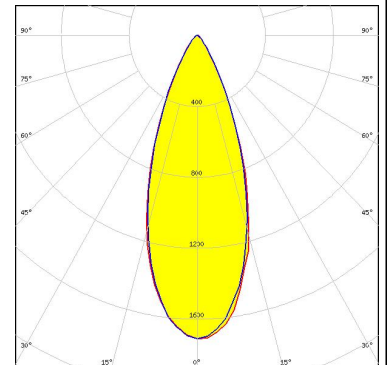
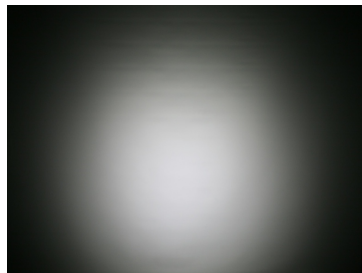
CREE 

LED XP-L
FWHM 46.0°
Efficiency 84 %
Peak intensity 1.350 cd/lm
Required components:



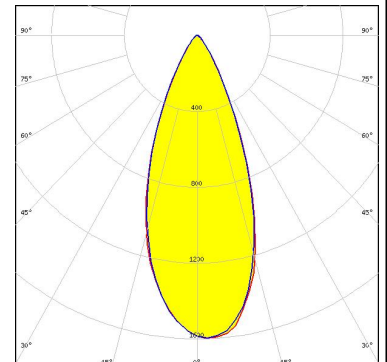
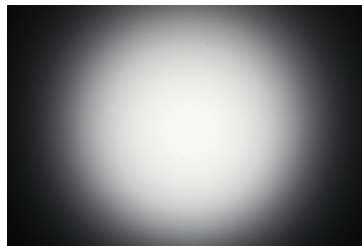
CREE 

LED XT-E
FWHM 39.0°
Efficiency %
Peak intensity 1.700 cd/lm
Required components:



 **LG Innotek**

LED H35C1 (LEMWA33)
FWHM 42.0°
Efficiency 85 %
Peak intensity 1.600 cd/lm
Required components:



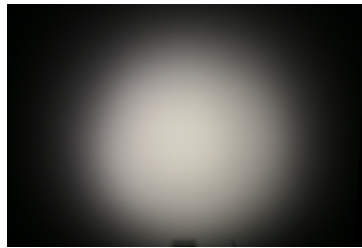
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON A
FWHM 41.0°
Efficiency 77 %
Peak intensity cd/lm
Required components:

LUMILEDS

LED LUXEON Rebel
FWHM 38.0°
Efficiency 77 %
Peak intensity cd/lm
Required components:

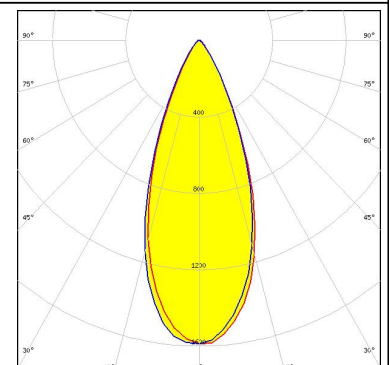
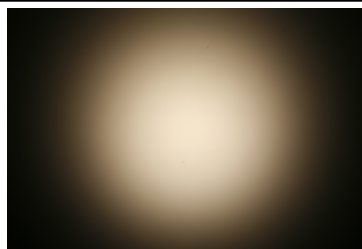


LUMILEDS

LED LUXEON Rebel ES
FWHM 41.0°
Efficiency 77 %
Peak intensity cd/lm
Required components:

LUMILEDS

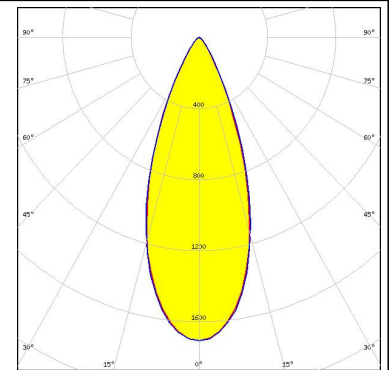
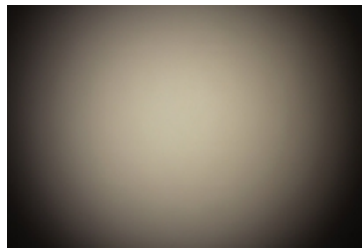
LED LUXEON T
FWHM 42.0°
Efficiency 86 %
Peak intensity 1.600 cd/lm
Required components:



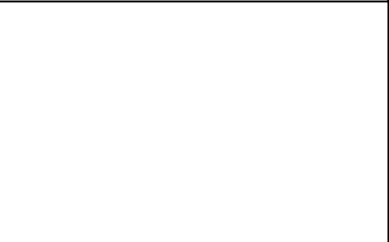
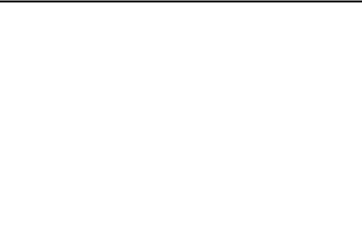
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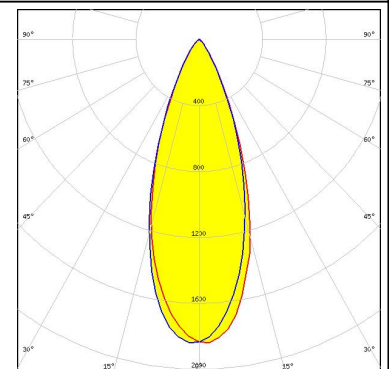
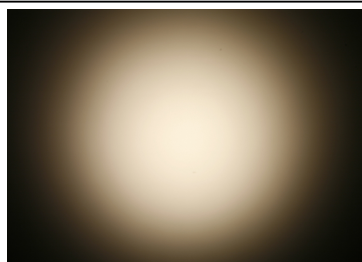
LED LUXEON TX
 FWHM 40.0°
 Efficiency 85 %
 Peak intensity 1.700 cd/lm
 Required components:



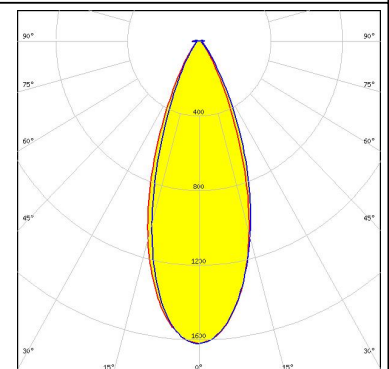
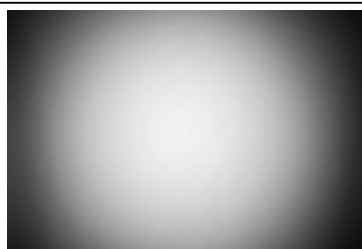
LED NCSxx19A
 FWHM 39.0°
 Efficiency 84 %
 Peak intensity cd/lm
 Required components:



LED NCSxx19B
 FWHM 38.0°
 Efficiency 85 %
 Peak intensity 1.800 cd/lm
 Required components:



LED NVSxx19A
 FWHM 38.0°
 Efficiency 90 %
 Peak intensity 1.600 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

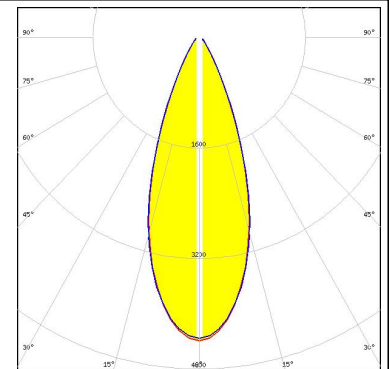
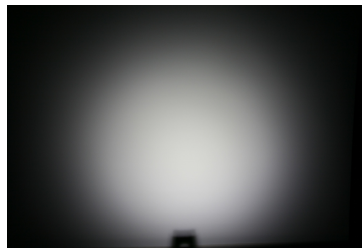
LED Oslon Square EC
FWHM 36.0°
Efficiency 78 %
Peak intensity 1.850 cd/lm
Required components:

OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 40.0°
Efficiency 83 %
Peak intensity cd/lm
Required components:

OSRAM
Opto Semiconductors



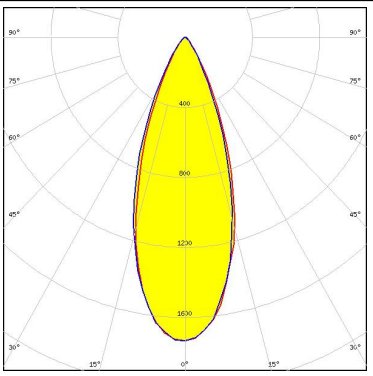
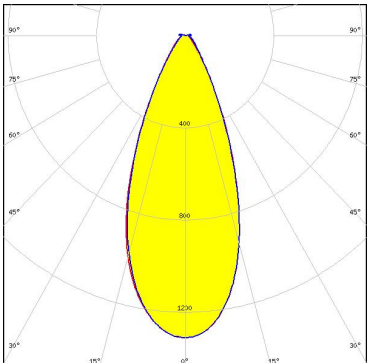
LED Oslon SSL 80
FWHM 40.0°
Efficiency 83 %
Peak intensity cd/lm
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM 40.0°
Efficiency %
Peak intensity cd/lm
Required components:

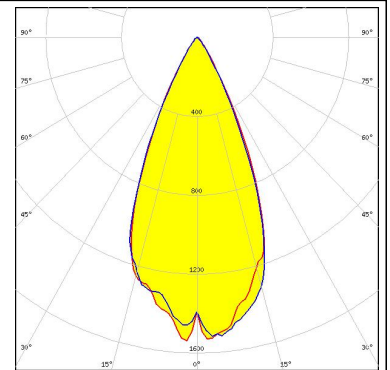
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM 38.0° Efficiency 84 % Peak intensity 1.700 cd/lm Required components:</p>		
<p>TOSHIBA Leading Innovation >>></p> <p>LED TL1L3 FWHM 42.0° Efficiency 90 % Peak intensity 1.300 cd/lm Required components:</p>		

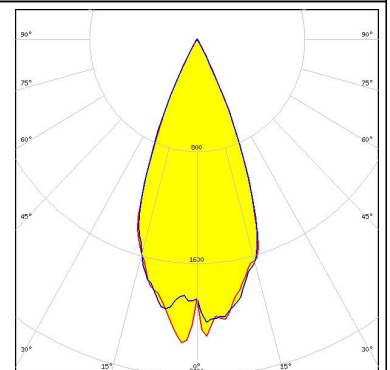
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
 FWHM 45.0°
 Efficiency 90 %
 Peak intensity 1.640 cd/lm
 Required components:



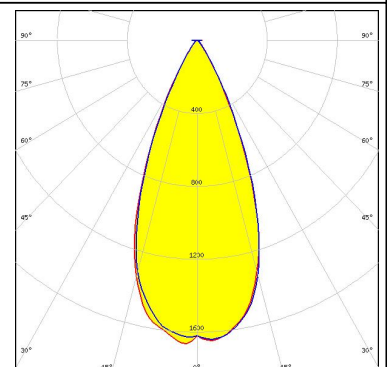
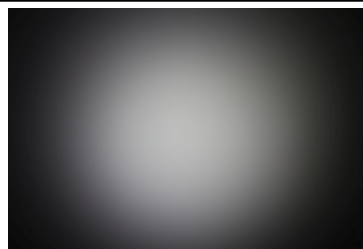
LED XHP35 HI
 FWHM 41.0°
 Efficiency 93 %
 Peak intensity 2.300 cd/lm
 Required components:



LED XM-L HVW
 FWHM 41.0°
 Efficiency %
 Peak intensity cd/lm
 Required components:



LED XP-G3
 FWHM 44.0°
 Efficiency 94 %
 Peak intensity 1.700 cd/lm
 Required components:



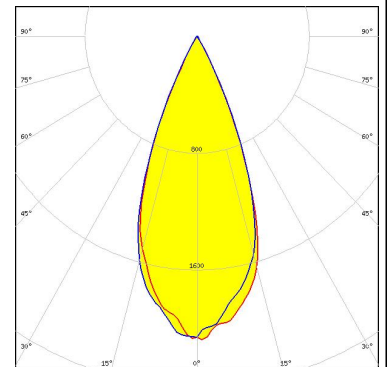
PHOTOMETRIC DATA (SIMULATED):



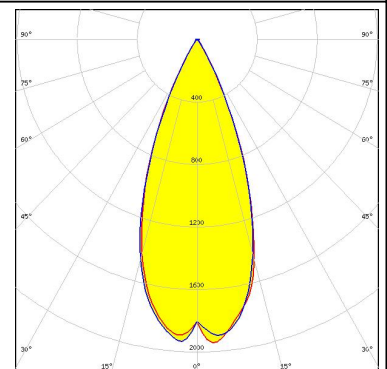
LED XT-E HVW
FWHM 40.0°
Efficiency %
Peak intensity cd/lm
Required components:



LED LUXEON H50-2
FWHM 41.0°
Efficiency 90 %
Peak intensity 2.100 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM 41.0°
Efficiency 92 %
Peak intensity 1.890 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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