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-SS

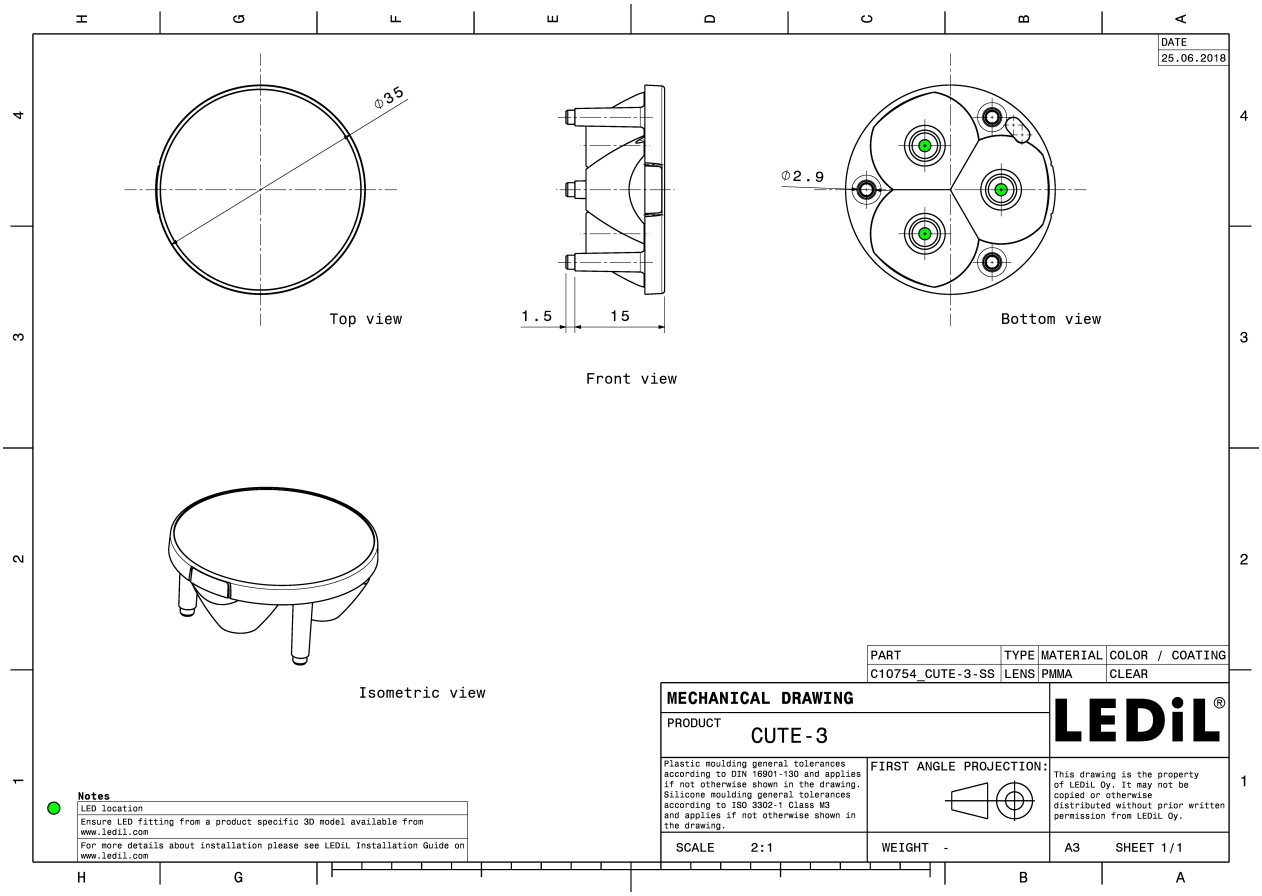
~12° smooth spot beam with 3 mm high location pins

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35 mm
Height	15 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.9 kg
Quantity in Box	630 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

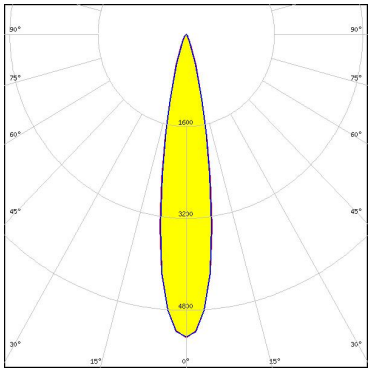
Component	Type	Material	Colour
CUTE-3-SS	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

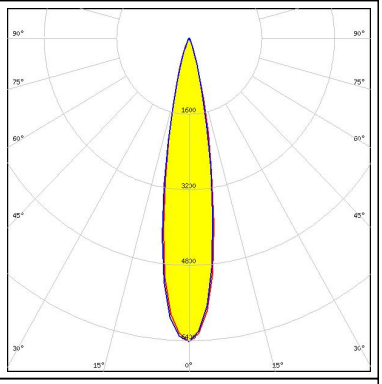
CREE

LED	XM-L
FWHM	19.0°
Efficiency	91 %
Peak intensity	5.280 cd/lm
Required components:	



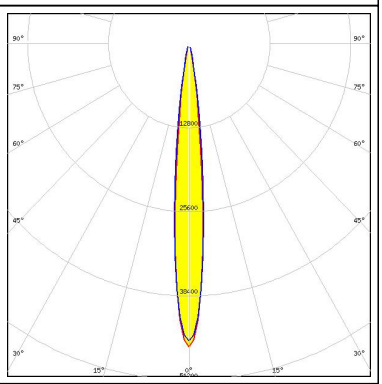
CREE

LED	XM-L2
FWHM	20.0°
Efficiency	90 %
Peak intensity	6.400 cd/lm
Required components:	



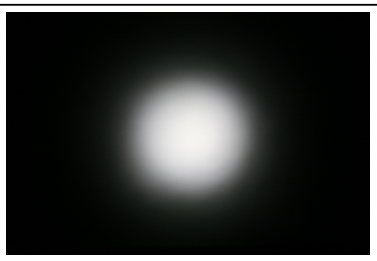
CREE

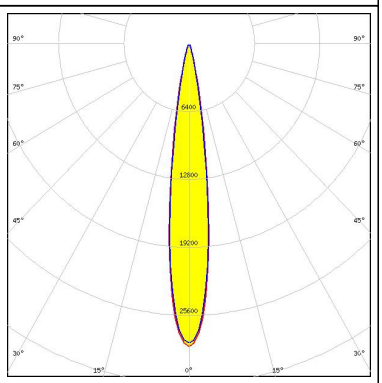
LED	XP-E
FWHM	11.0°
Efficiency	93 %
Peak intensity	15.390 cd/lm
Required components:	



CREE

LED	XP-G
FWHM	15.0°
Efficiency	93 %
Peak intensity	9.540 cd/lm
Required components:	





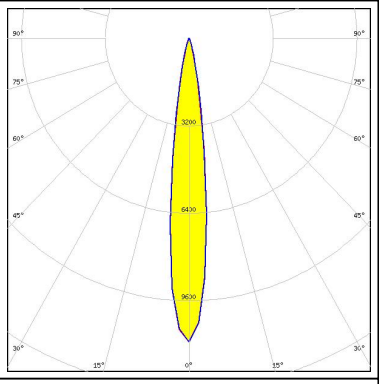
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-G2
FWHM	14.0°
Efficiency	89 %
Peak intensity	11.800 cd/lm
Required components:	

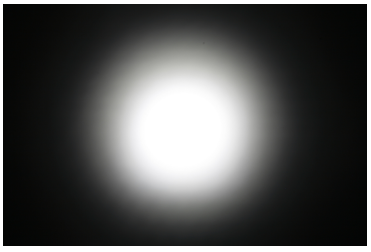
CREE

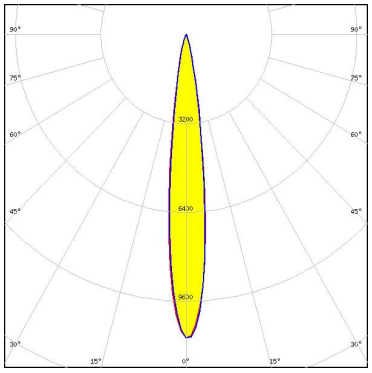
LED	XT-E
FWHM	12.0°
Efficiency	88 %
Peak intensity	8.700 cd/lm
Required components:	



LG Innotek

LED	H35C1 (LEMWA33)
FWHM	14.0°
Efficiency	86 %
Peak intensity	10.900 cd/lm
Required components:	





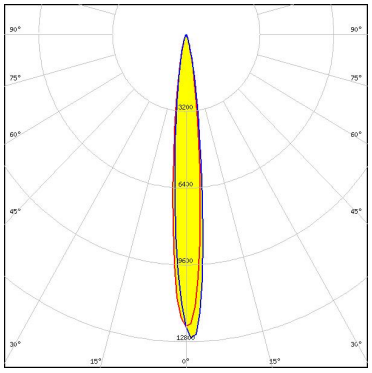
LUMILEDS

LED	LUXEON A
FWHM	13.0°
Efficiency	91 %
Peak intensity	cd/lm
Required components:	

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM	12.0°
Efficiency	91 %
Peak intensity	12.200 cd/lm
Required components:	



LUMILEDS

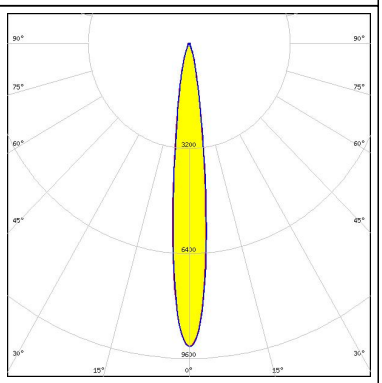
LED	LUXEON Rebel ES
FWHM	13.0°
Efficiency	91 %
Peak intensity	cd/lm
Required components:	

NICHIA

LED	NCSxx19A
FWHM	12.0°
Efficiency	89 %
Peak intensity	cd/lm
Required components:	

NICHIA

LED	NVSxx19A
FWHM	13.0°
Efficiency	94 %
Peak intensity	9.200 cd/lm
Required components:	



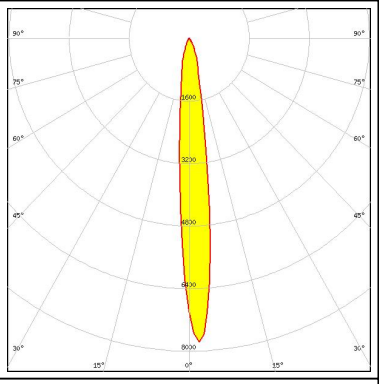
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	17.0°
Efficiency	83 %
Peak intensity	8.540 cd/lm
Required components:	

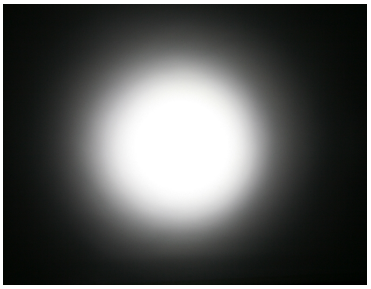
OSRAM
Opto Semiconductors

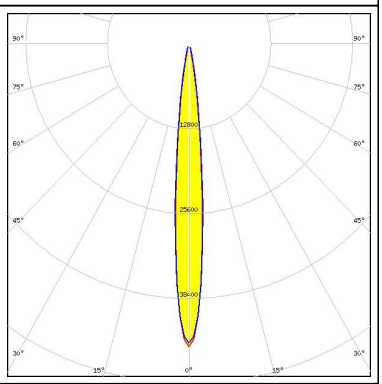
LED	Oslon SSL 150
FWHM	13.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	



OSRAM
Opto Semiconductors

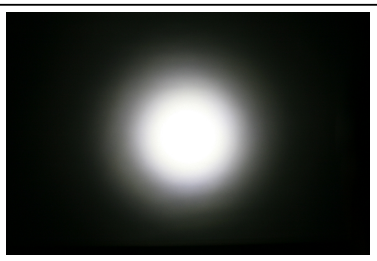
LED	Oslon SSL 80
FWHM	10.0°
Efficiency	90 %
Peak intensity	15.220 cd/lm
Required components:	





SEOUL SEMICONDUCTOR

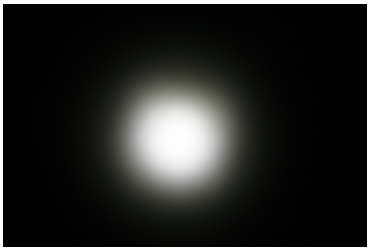
LED	Z5
FWHM	10.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

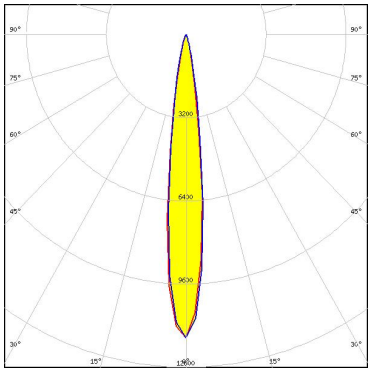


PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	14.0°
Efficiency	88 %
Peak intensity	11.700 cd/lm
Required components:	





PHOTOMETRIC DATA (SIMULATED):

CREE

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

CREE

LED	XT-E HVW
FWHM	15.0°
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:

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