



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!



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

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



FLARE-MINI-A

~100° x 20° oval beam. Assembly with installation tape.

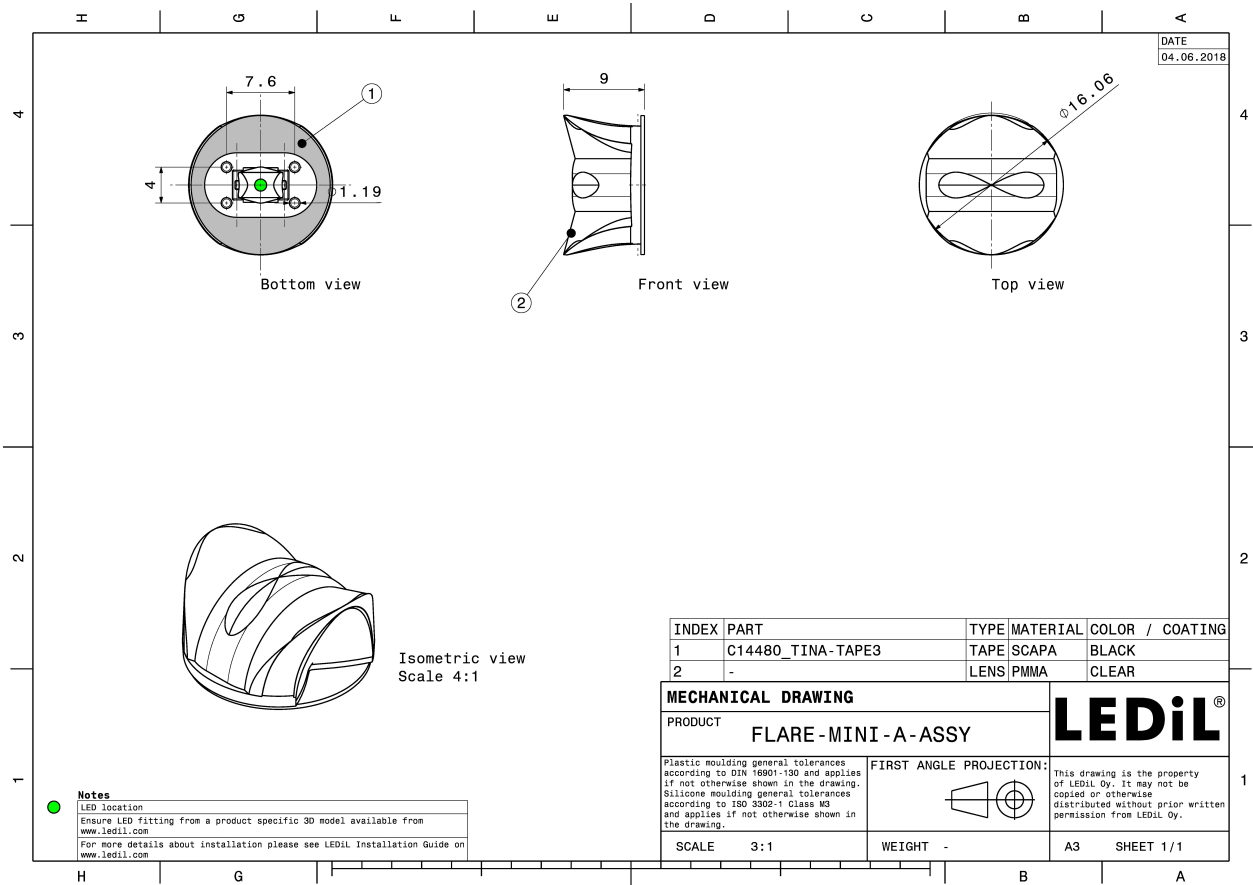
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape
Colour	clear
Box size	
Box weight	6.7 kg
Quantity in Box	4600 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

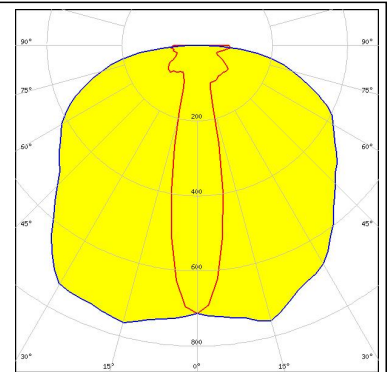
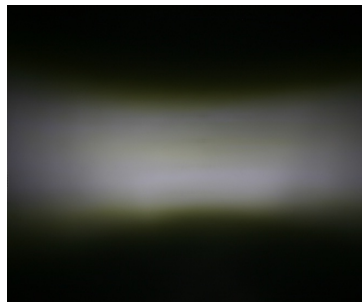
Component	Type	Material	Colour
FLARE-MINI-A	Lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	black



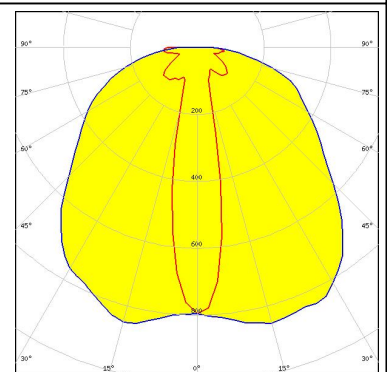
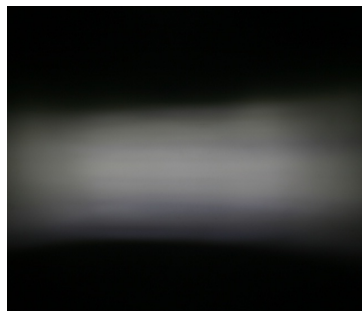
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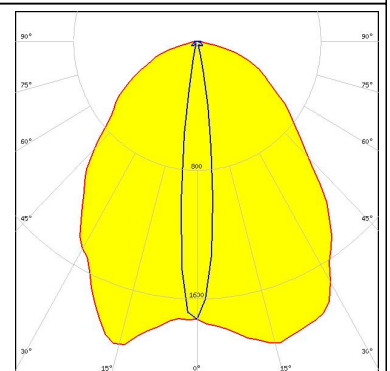
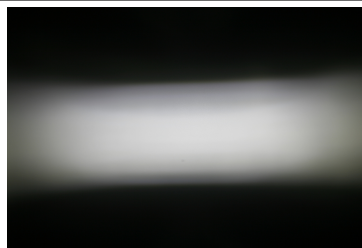
LED XB-D
 FWHM 130.0 + 21.0°
 Efficiency 94 %
 Peak intensity 0.800 cd/lm
 Required components:



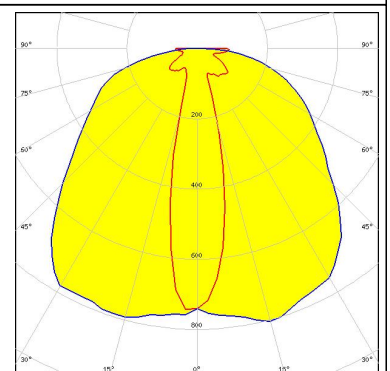
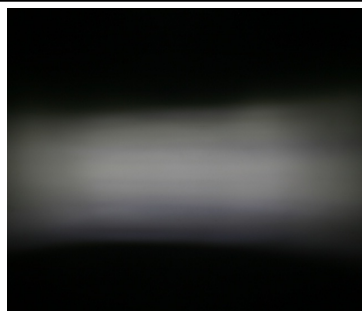
LED XP-E
 FWHM 113.0 + 20.0°
 Efficiency 94 %
 Peak intensity 0.900 cd/lm
 Required components:



LED XP-E2
 FWHM 92.0 + 12.0°
 Efficiency 94 %
 Peak intensity 2.000 cd/lm
 Required components:



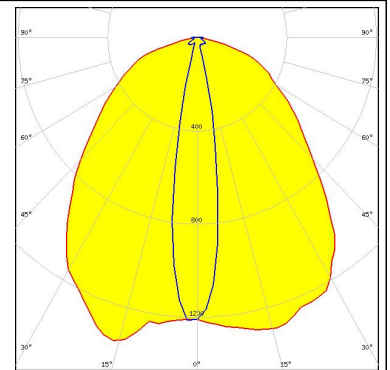
LED XP-G
 FWHM 114.0 + 22.0°
 Efficiency 94 %
 Peak intensity 0.800 cd/lm
 Required components:



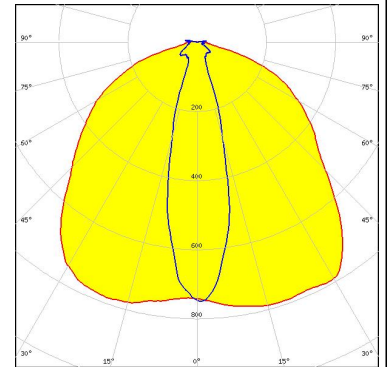
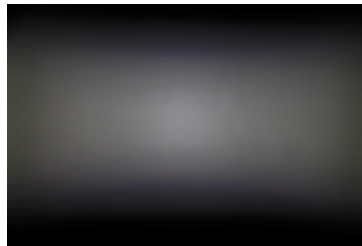
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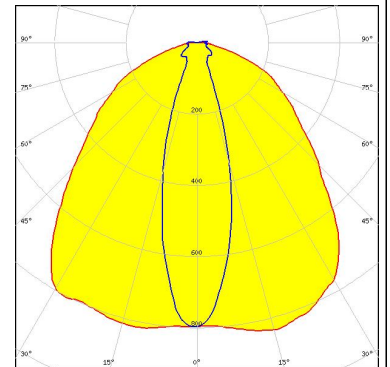
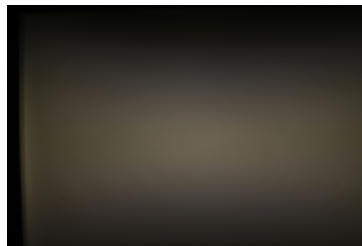
LED XP-G2
 FWHM 94.0 + 19.0°
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 Required components:



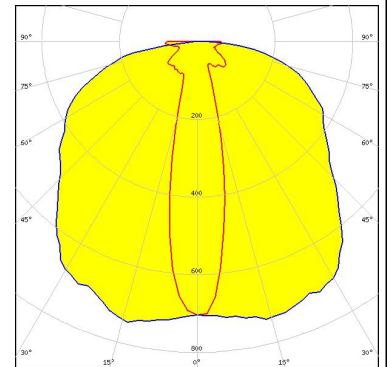
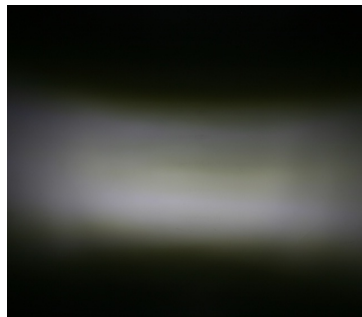
LED XP-L
 FWHM 114.0 + 25.0°
 Efficiency 91 %
 Peak intensity 0.790 cd/lm
 Required components:



LED XP-L2
 FWHM 100.0 + 28.0°
 Efficiency 94 %
 Peak intensity 0.840 cd/lm
 Required components:



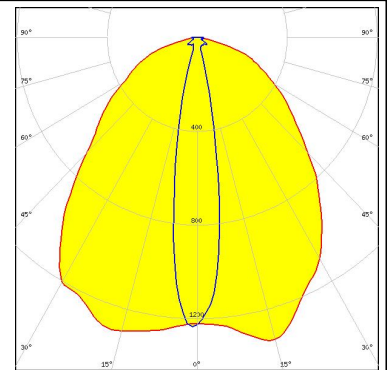
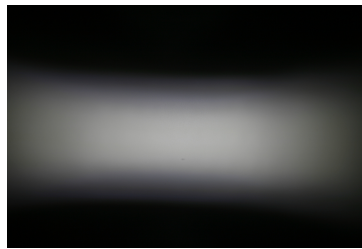
LED XT-E
 FWHM 124.0 + 22.0°
 Efficiency 94 %
 Peak intensity 0.700 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

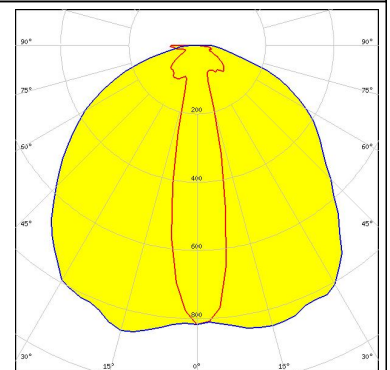
LG Innotek

LED H35C1 (LEMWA33)
FWHM 96.0 + 18.0°
Efficiency 94 %
Peak intensity 1.320 cd/lm
Required components:



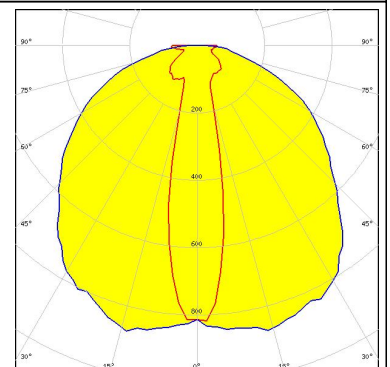
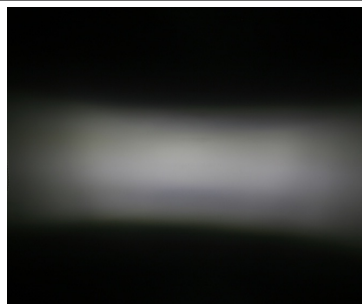
LUMILEDS

LED LUXEON Rebel ES
FWHM 110.0 + 19.0°
Efficiency 94 %
Peak intensity 0.900 cd/lm
Required components:



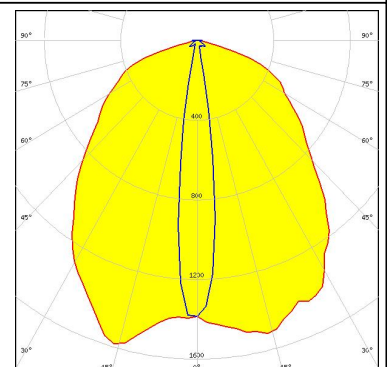
NICHIA

LED NCSxx19A
FWHM 112.0 + 20.0°
Efficiency 94 %
Peak intensity 0.900 cd/lm
Required components:



NICHIA

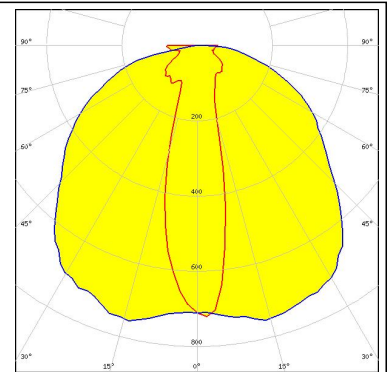
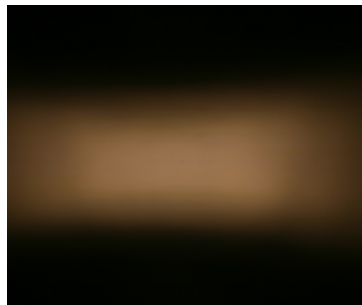
LED NCSxx19B
FWHM 95.0 + 15.0°
Efficiency 94 %
Peak intensity 1.600 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

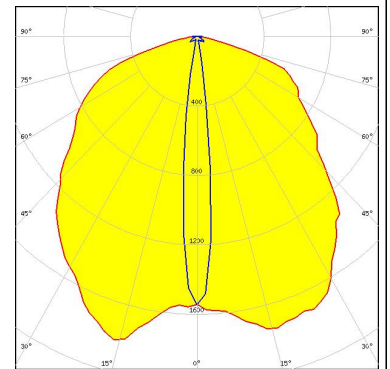
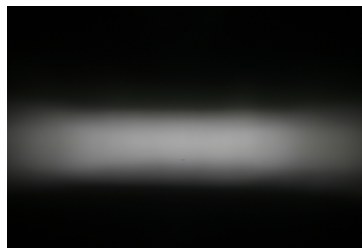
OSRAM
Opto Semiconductors

LED Oslon Square PC
 FWHM 116.0 + 22.0°
 Efficiency 94 %
 Peak intensity 0.800 cd/lm
 Required components:



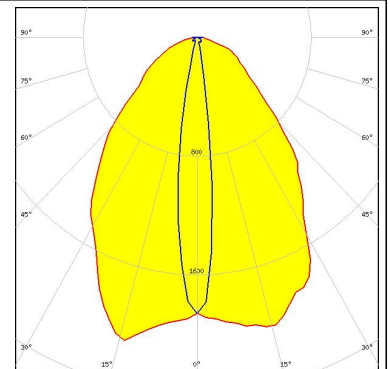
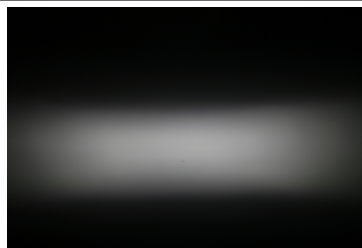
OSRAM
Opto Semiconductors

LED Oslon SSL 150
 FWHM 106.0 + 11.0°
 Efficiency 93 %
 Peak intensity 1.700 cd/lm
 Required components:



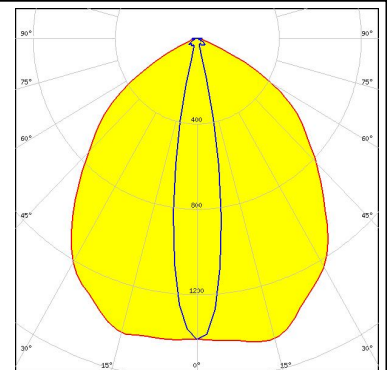
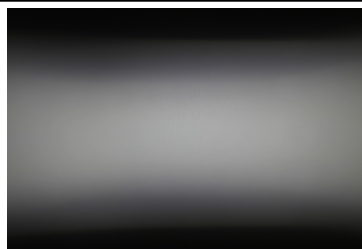
OSRAM
Opto Semiconductors

LED Oslon SSL 80
 FWHM 84.0 + 12.0°
 Efficiency 93 %
 Peak intensity 2.000 cd/lm
 Required components:



SAMSUNG

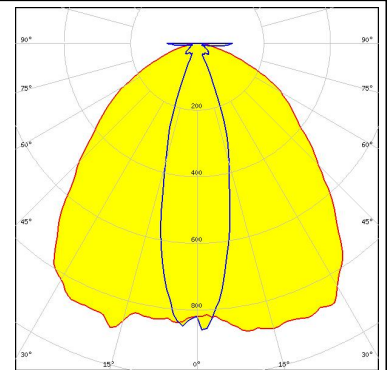
LED LH351Z
 FWHM 95.0 + 19.0°
 Efficiency 94 %
 Peak intensity 1.500 cd/lm
 Required components:



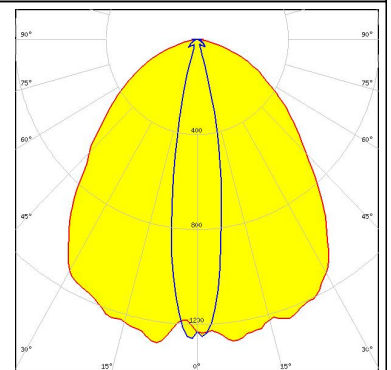
PHOTOMETRIC DATA (SIMULATED):



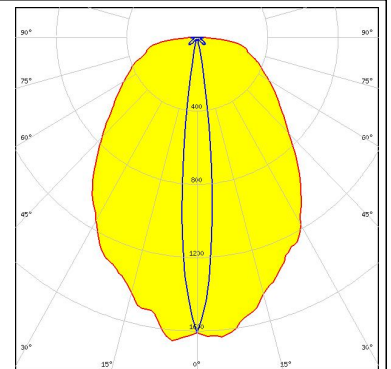
LED XHP35 HD
FWHM 31.0 + 96.0°
Efficiency 93 %
Peak intensity 0.890 cd/lm
Required components:



LED XHP35 HI
FWHM 20.0 + 92.0°
Efficiency 94 %
Peak intensity 1.300 cd/lm
Required components:



LED LUXEON C
FWHM 11.0 + 84.0°
Efficiency 92 %
Peak intensity 1.600 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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