



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

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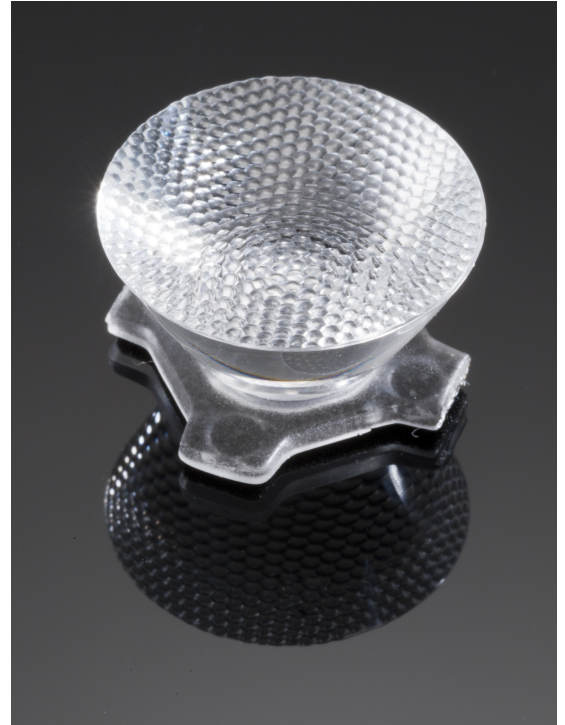


HEIDI-M

~25° medium beam

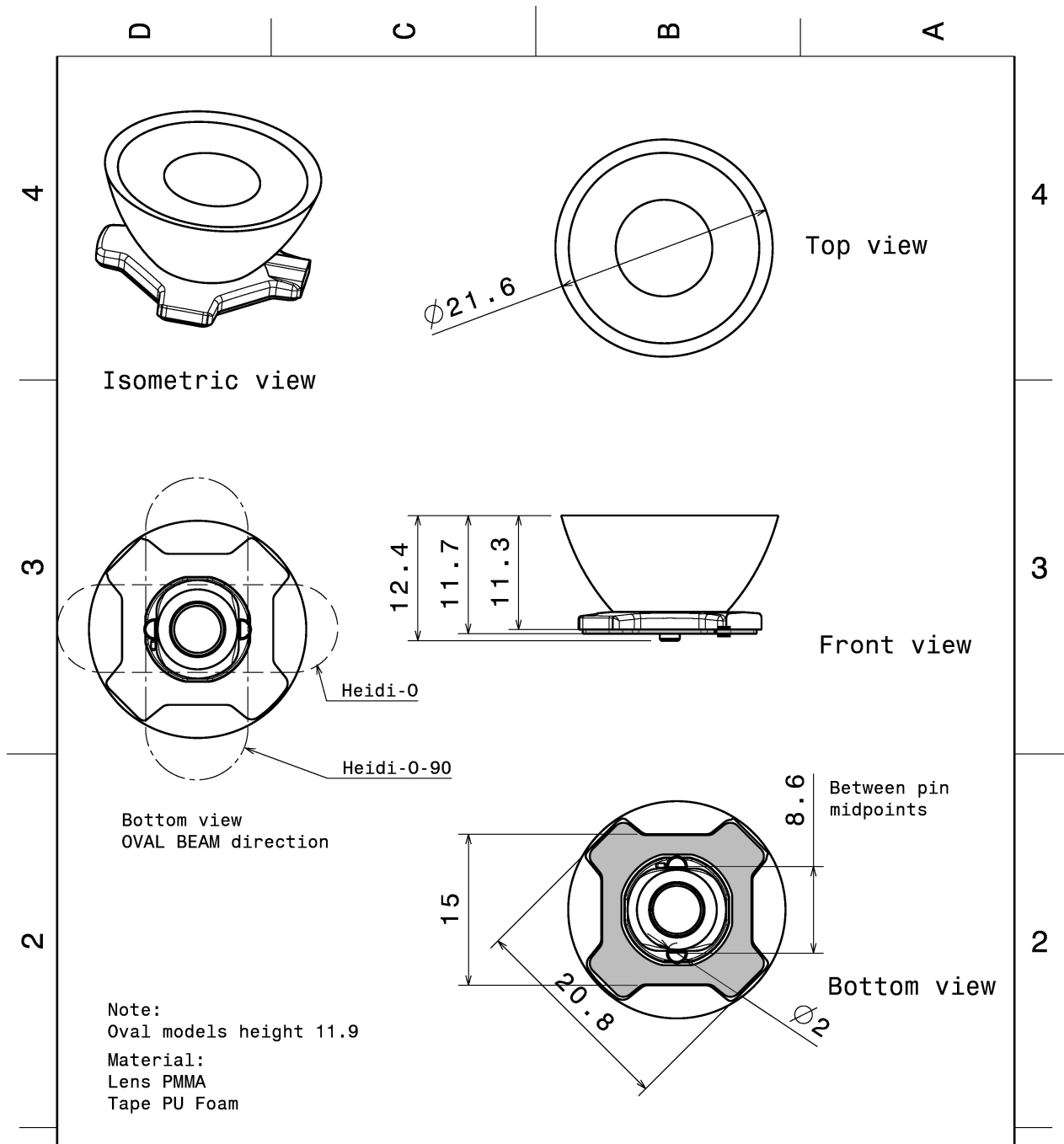
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.1 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-M	Lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

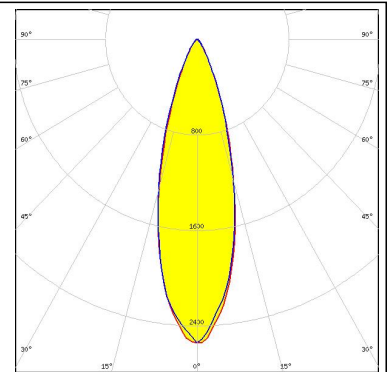


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DRAWN BY ah		DATE 1.2.2012		DRAWING TITLE Datasheet Heidi-Series Assy	
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):

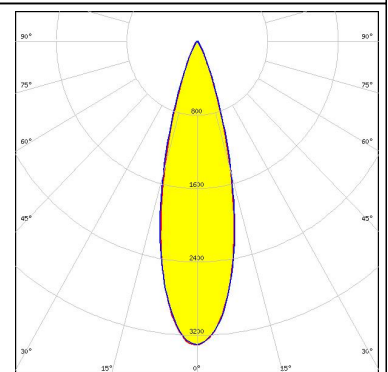
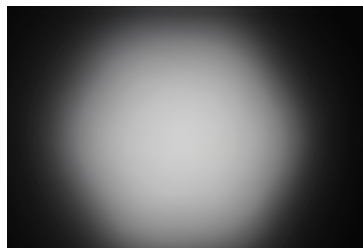
CREE 

LED XHP35 HD
FWHM 28.0°
Efficiency 86 %
Peak intensity 3.110 cd/lm
Required components:



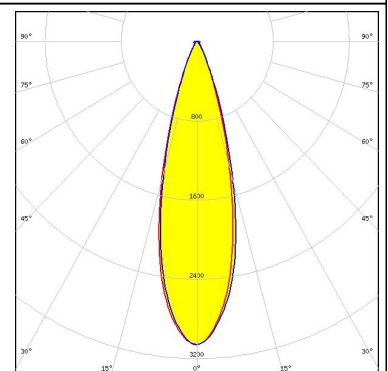
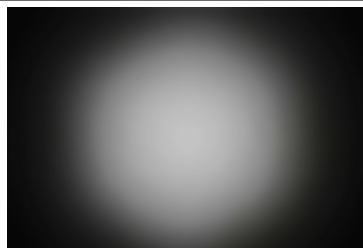
CREE 

LED XHP35 HI
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.300 cd/lm
Required components:



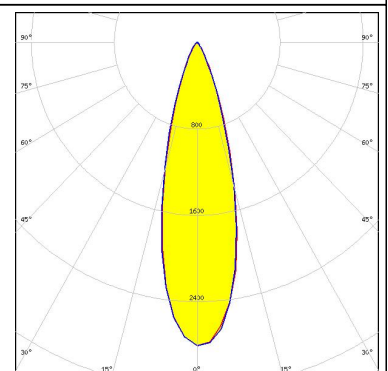
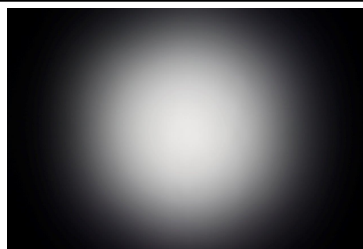
CREE 

LED XP-G3
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.100 cd/lm
Required components:



CREE 

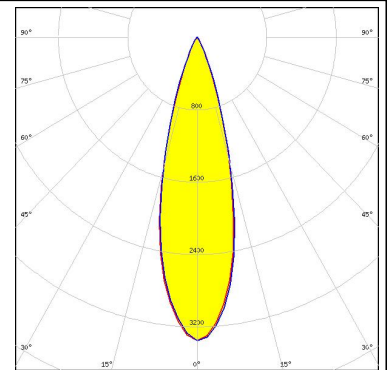
LED XP-L
FWHM 28.0°
Efficiency 86 %
Peak intensity 2.800 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

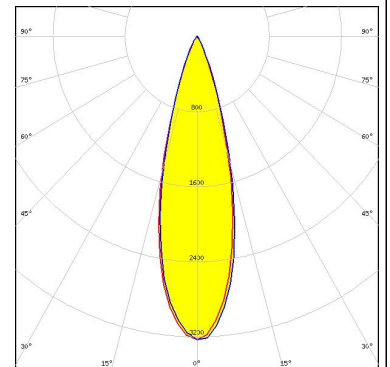
LUMILEDS

LED LUXEON A
FWHM 29.0°
Efficiency 88 %
Peak intensity 3.400 cd/lm
Required components:



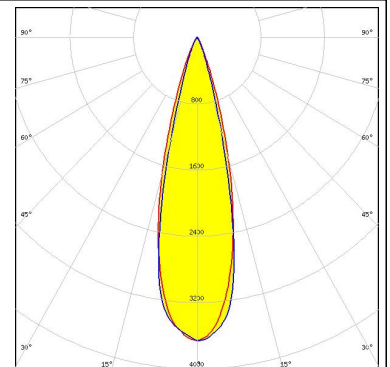
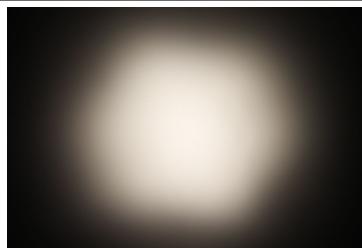
LUMILEDS

LED LUXEON R
FWHM 29.0°
Efficiency 87 %
Peak intensity 3.200 cd/lm
Required components:



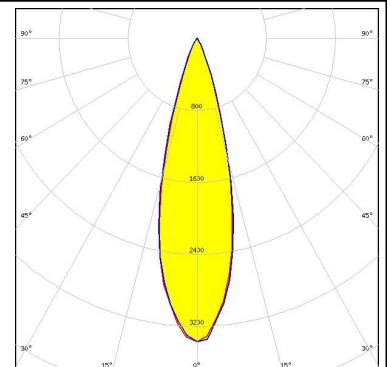
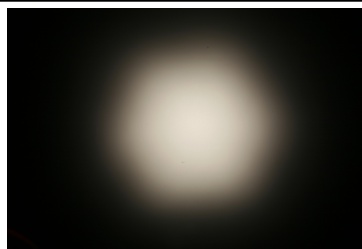
LUMILEDS

LED LUXEON Rebel
FWHM 27.0°
Efficiency 88 %
Peak intensity 3.700 cd/lm
Required components:



LUMILEDS

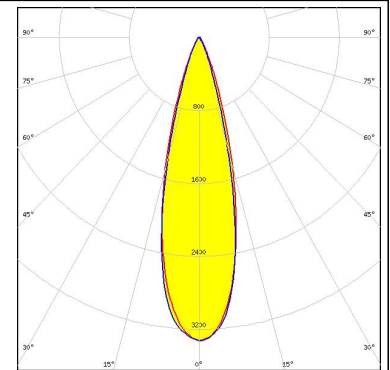
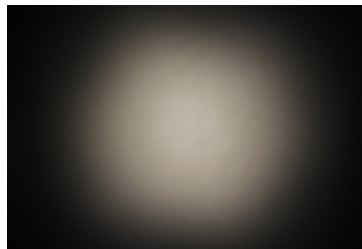
LED LUXEON Rebel ES
FWHM 29.0°
Efficiency 88 %
Peak intensity 3.400 cd/lm
Required components:



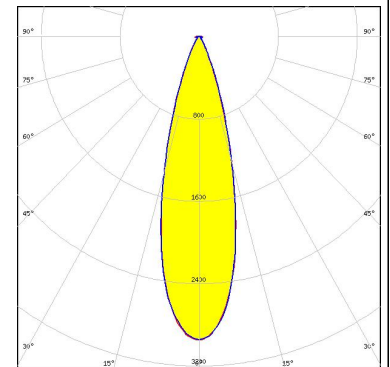
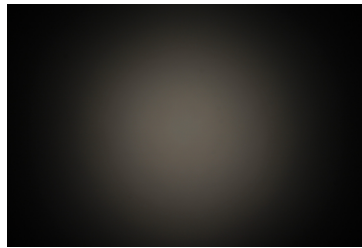
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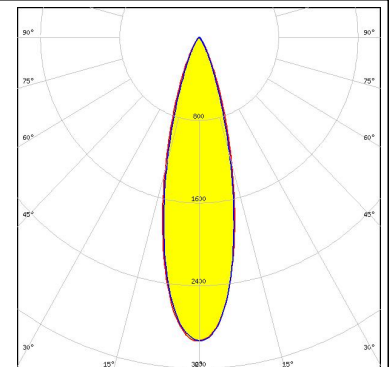
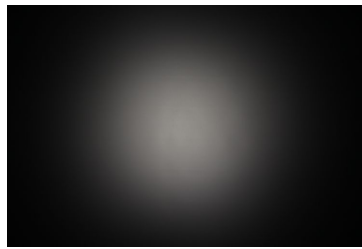
LED NVSW219D
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.300 cd/lm
Required components:



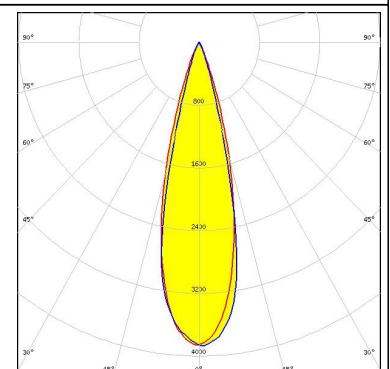
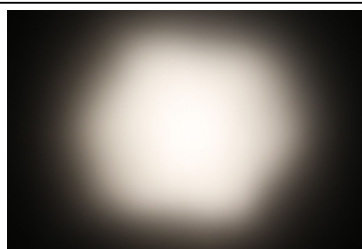
LED NVSW3x9A
FWHM 28.0°
Efficiency 92 %
Peak intensity 2.900 cd/lm
Required components:



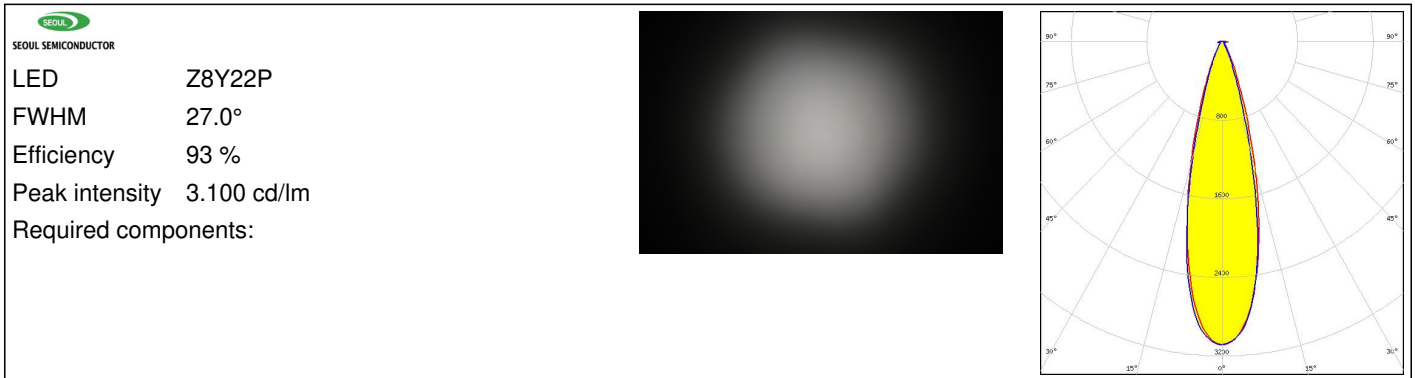
LED NWSx229A
FWHM 27.0°
Efficiency 85 %
Peak intensity 2.900 cd/lm
Required components:



LED Oslon SSL 150
FWHM 27.0°
Efficiency 88 %
Peak intensity 3.900 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):



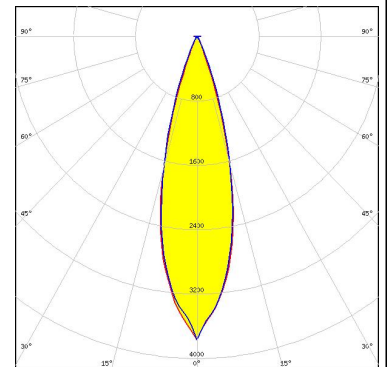
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Domed 150
FWHM 27.0°
Efficiency 93 %
Peak intensity 0.000 cd/lm
Required components:

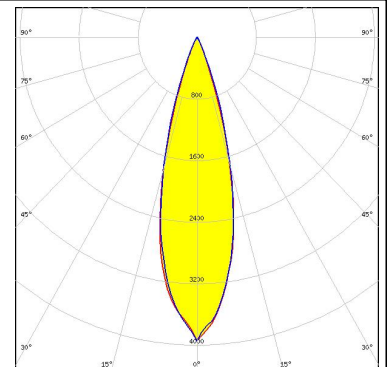
LUMILEDS

LED LUXEON SunPlus 20 Line
FWHM 28.0°
Efficiency 92 %
Peak intensity 3.770 cd/lm
Required components:



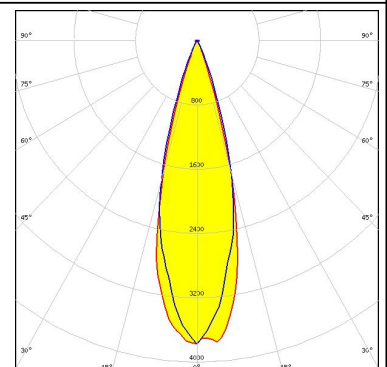
LUMILEDS

LED LUXEON SunPlus 35 Line
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.940 cd/lm
Required components:



OSRAM Opto Semiconductors

LED Oslon Black Flat
FWHM 29.0°
Efficiency 94 %
Peak intensity 3.800 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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