



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



## HEIDI-W

~30° wide beam optimized for LUXEON Rebel ES

### TECHNICAL SPECIFICATIONS:

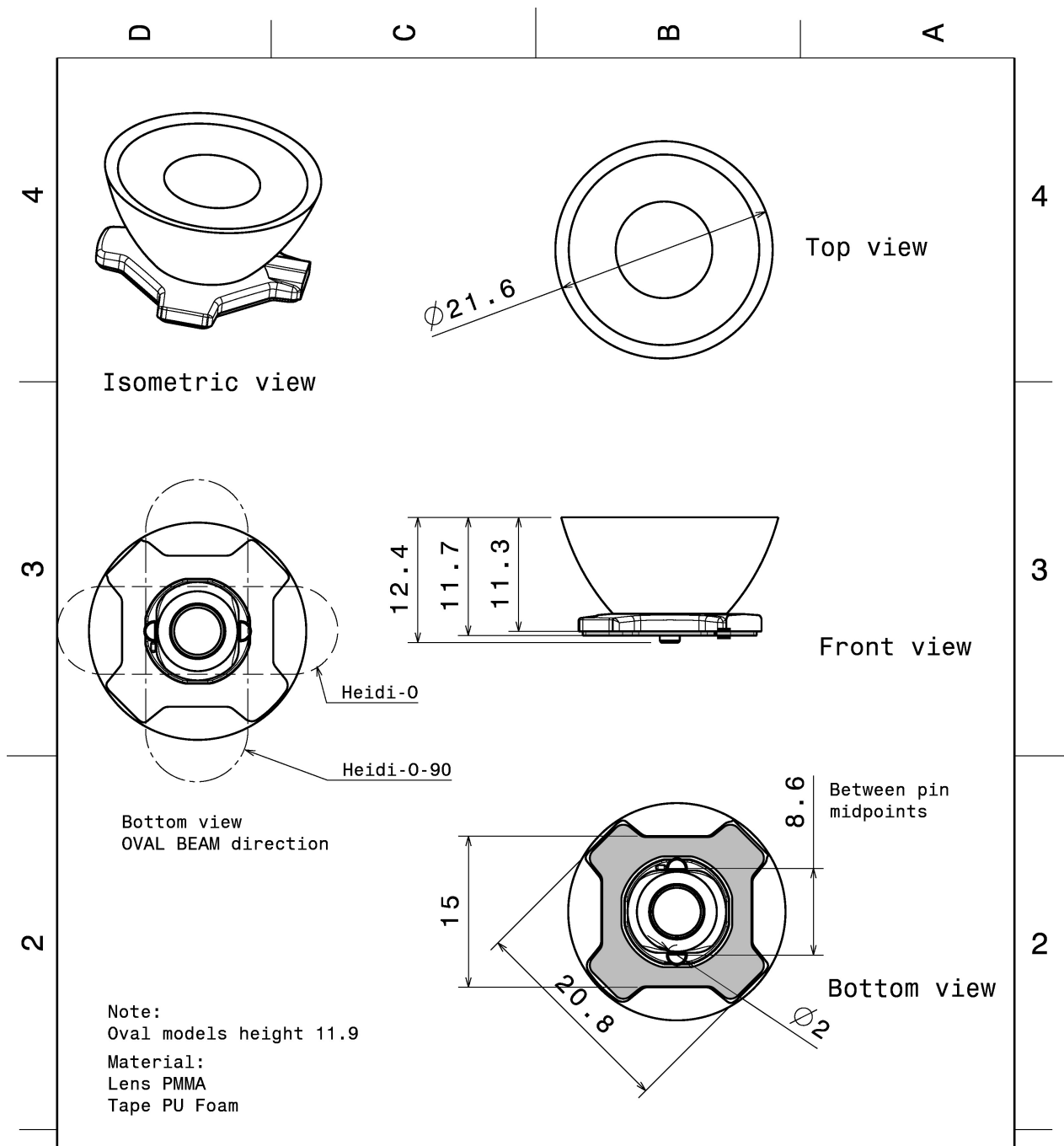
Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.1 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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



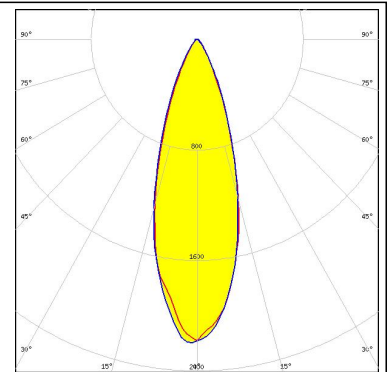


This drawing is our property. It can't be reproduced or communicated without our written agreement.		<b>LEDiL</b>		Ledil Oy Joensuunkatu 13 FIN-24100 SALO Finland	
<b>DRAWING TITLE</b>		<b>Datasheet Heidi-Series Assy</b>			
<b>DRAWN BY</b> ah	<b>DATE</b> 1.2.2012	<b>SIZE</b> A4		<b>DRAWING NUMBER</b>	
<b>CHECKED BY</b>	<b>DATE</b>	<b>SCALE</b> 2:1			<b>REV</b> 2
<b>DESIGNED BY</b>	<b>DATE</b>	<b>WEIGHT (g)</b>		<b>SHEET</b> 1/1	

#### PHOTOMETRIC DATA (MEASURED):

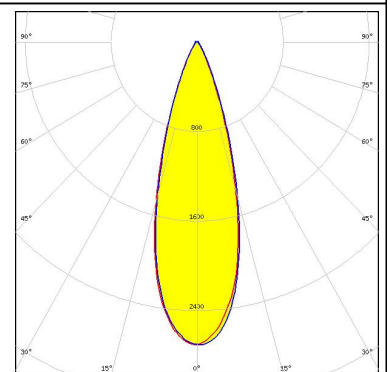
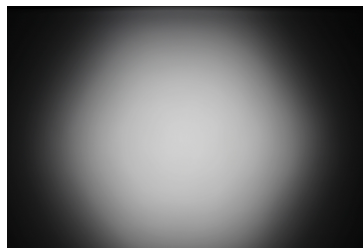
**CREE** 

LED XHP35 HD  
 FWHM 32.0°  
 Efficiency 84 %  
 Peak intensity 2.410 cd/lm  
 Required components:



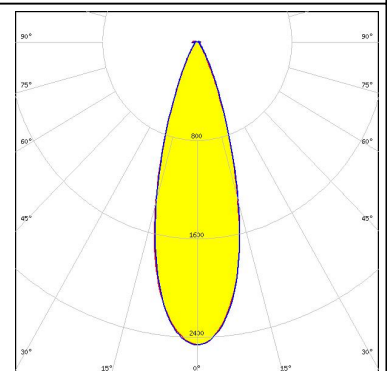
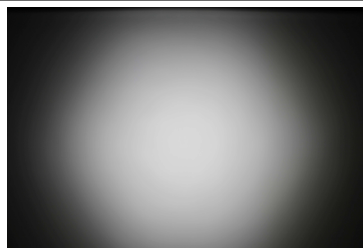
**CREE** 

LED XHP35 HI  
 FWHM 31.0°  
 Efficiency 94 %  
 Peak intensity 2.700 cd/lm  
 Required components:



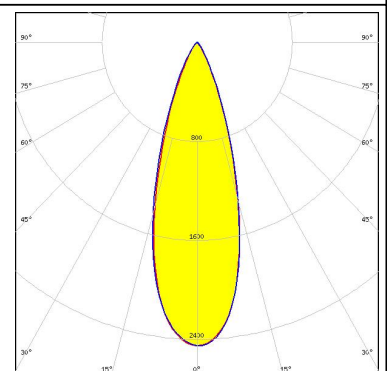
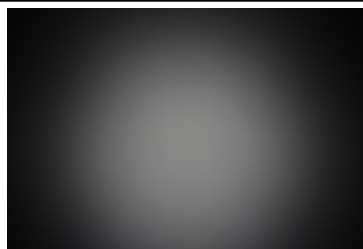
**CREE** 

LED XP-G3  
 FWHM 32.0°  
 Efficiency 94 %  
 Peak intensity 2.500 cd/lm  
 Required components:



**CREE** 

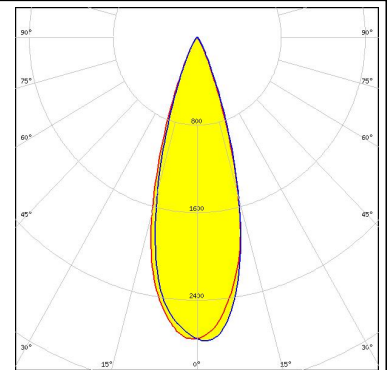
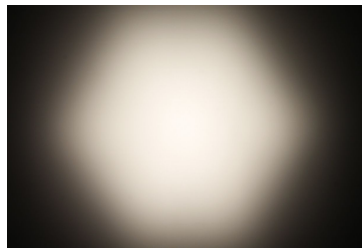
LED XP-L  
 FWHM 33.0°  
 Efficiency 87 %  
 Peak intensity 2.450 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

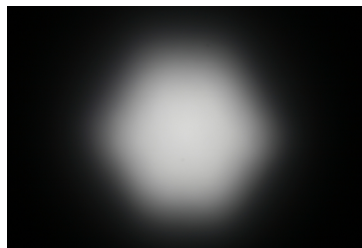
##### LUMILEDS

LED LUXEON Rebel  
 FWHM 32.0°  
 Efficiency 87 %  
 Peak intensity 2.800 cd/lm  
 Required components:



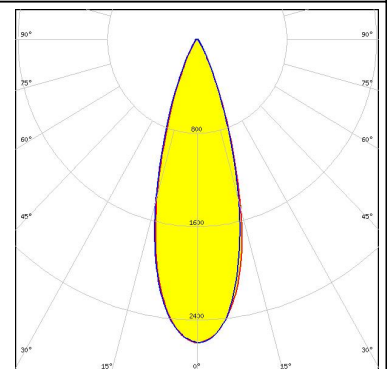
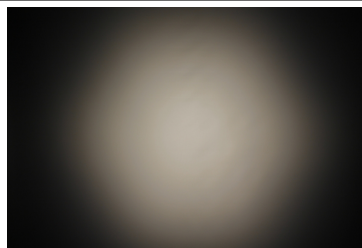
##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 32.0°  
 Efficiency 87 %  
 Peak intensity 2.800 cd/lm  
 Required components:



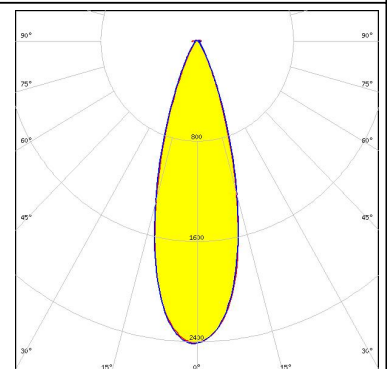
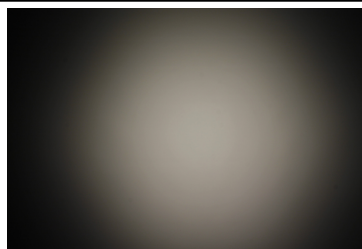
##### NICHIA

LED NVSW219D  
 FWHM 32.0°  
 Efficiency 94 %  
 Peak intensity 2.600 cd/lm  
 Required components:

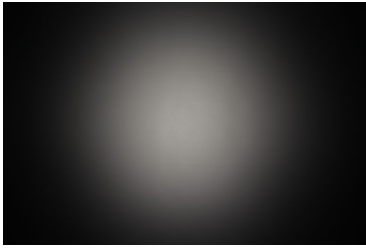
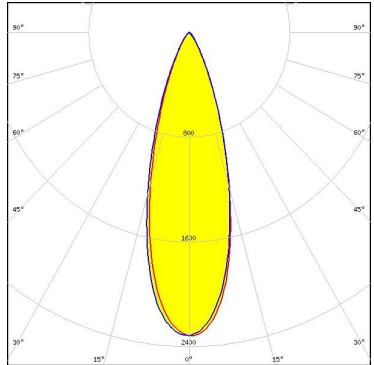
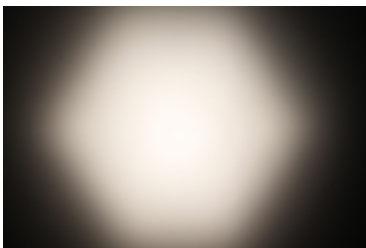
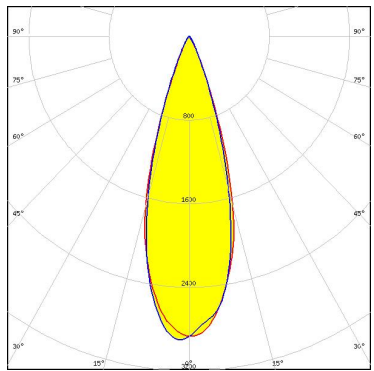

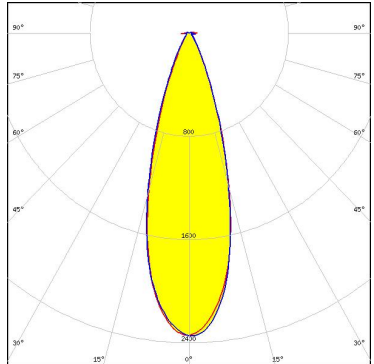


##### NICHIA

LED NVSW3x9A  
 FWHM 31.0°  
 Efficiency 90 %  
 Peak intensity 2.400 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NWSx229A            FWHM 31.0°            Efficiency 83 %            Peak intensity 2.300 cd/lm            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 150            FWHM 32.0°            Efficiency 86 %            Peak intensity 2.900 cd/lm            Required components:</p>		
<p><b>SEOL</b>  <small>SEOUL SEMICONDUCTOR</small></p> <p>LED Z8Y22P            FWHM 31.0°            Efficiency 92 %            Peak intensity 2.300 cd/lm            Required components:</p>		

## PHOTOMETRIC DATA (SIMULATED):

### LUMILEDS

LED LUXEON A  
FWHM 31.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

### LUMILEDS

LED LUXEON IR Domed 150  
FWHM 31.0°  
Efficiency 93 %  
Peak intensity 0.000 cd/lm  
Required components:

### LUMILEDS

LED LUXEON IR Domed 90  
FWHM 31.0°  
Efficiency 94 %  
Peak intensity 0.000 cd/lm  
Required components:

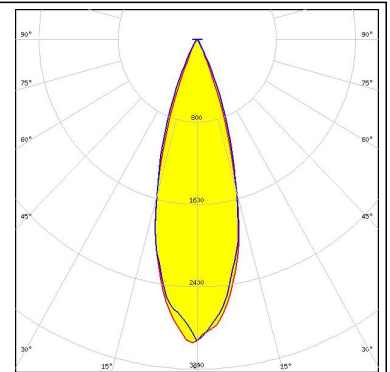
### LUMILEDS

LED LUXEON R  
FWHM 32.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

### PHOTOMETRIC DATA (SIMULATED):

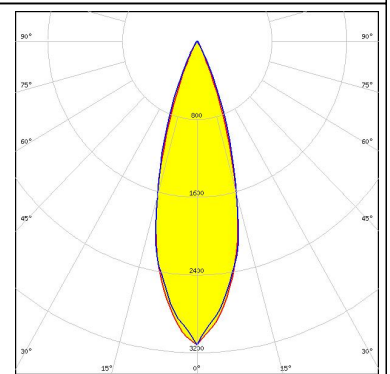
#### LUMILEDS

LED LUXEON SunPlus 20 Line  
FWHM 31.0°  
Efficiency 92 %  
Peak intensity 2.940 cd/lm  
Required components:



#### LUMILEDS

LED LUXEON SunPlus 35 Line  
FWHM 31.0°  
Efficiency 94 %  
Peak intensity 3.120 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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