



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



HEIDI-O

~50° x 11° oval beam

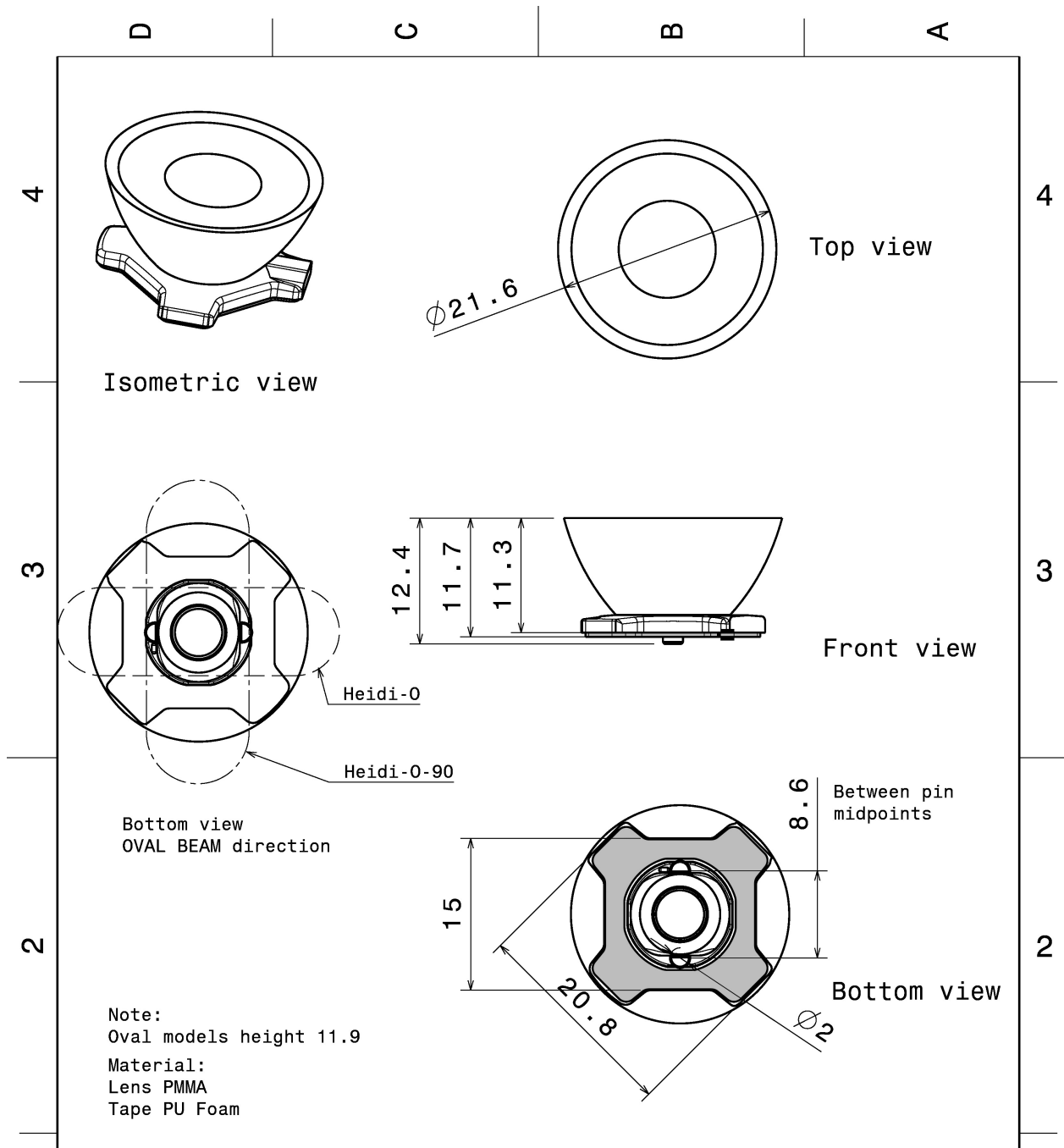
TECHNICAL SPECIFICATIONS:

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-O	Lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black



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LEDiL

Ledil Oy
 Joensuukatu 13
 FIN-24100 SALO
 Finland

DRAWING TITLE

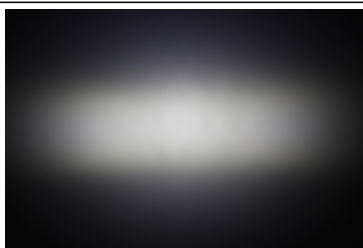
Datasheet Heidi-Series Assy

DRAWN BY ah	DATE 1.2.2012				
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

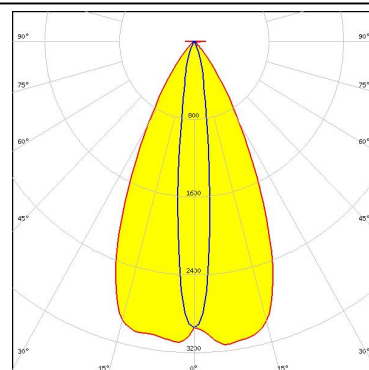
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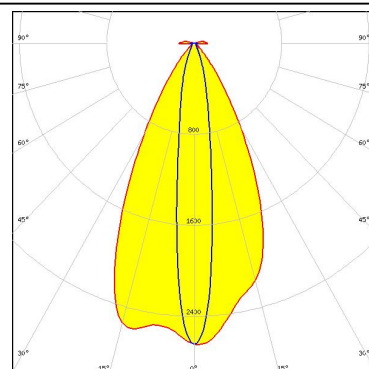
LED XHP35 HD
FWHM 51.0 + 18.0°
Efficiency 77 %
Peak intensity 2.220 cd/lm
Required components:



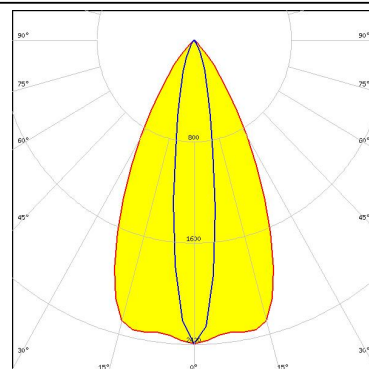
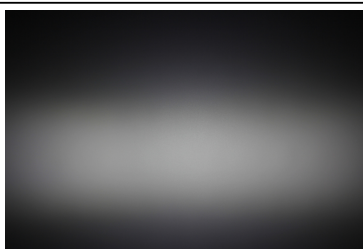
LED XHP35 HI
FWHM 53.0 + 14.0°
Efficiency 79 %
Peak intensity 3.000 cd/lm
Required components:



LED XP-G3
FWHM 51.0 + 14.0°
Efficiency 90 %
Peak intensity 2.700 cd/lm
Required components:



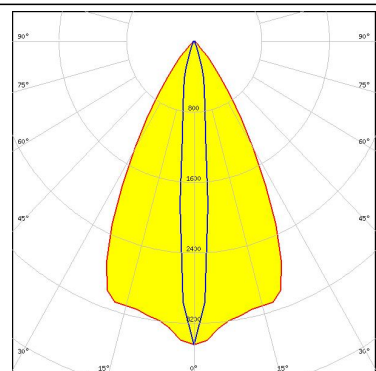
LED XP-L
FWHM 52.0 + 16.0°
Efficiency 81 %
Peak intensity 2.460 cd/lm
Required components:



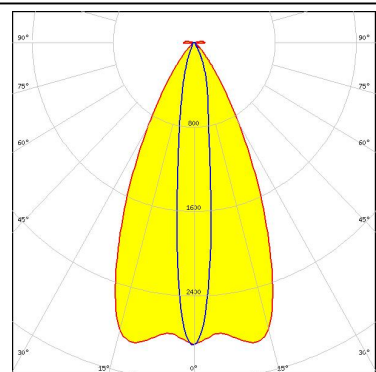
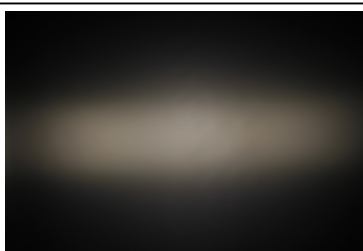
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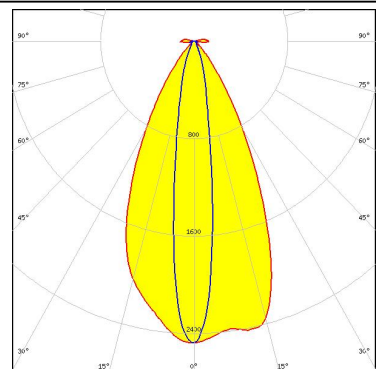
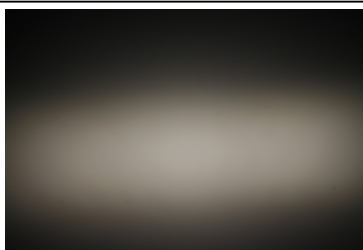
LED LUXEON Rebel ES
FWHM 53.0 + 12.0°
Efficiency 82 %
Peak intensity 3.400 cd/lm
Required components:



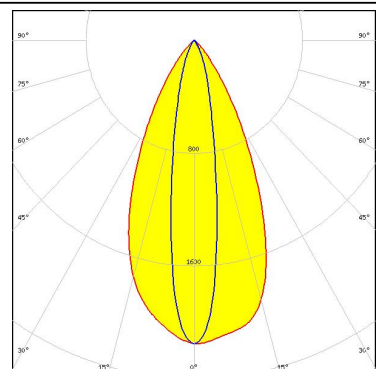
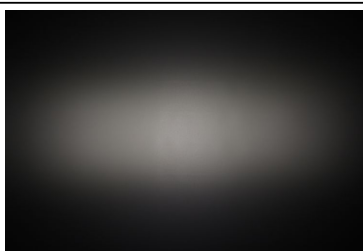
LED NVSW219D
FWHM 51.0 + 13.0°
Efficiency 91 %
Peak intensity 2.900 cd/lm
Required components:



LED NVSW3x9A
FWHM 51.0 + 15.0°
Efficiency 89 %
Peak intensity 2.500 cd/lm
Required components:



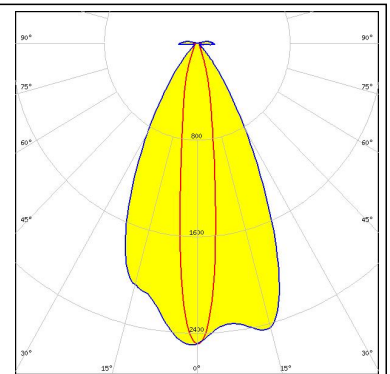
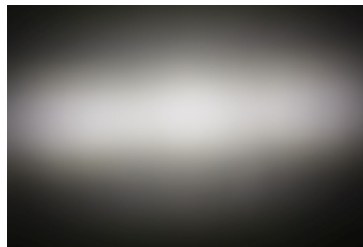
LED NWSx229A
FWHM 50.0 + 18.0°
Efficiency 76 %
Peak intensity 2.150 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):


SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 52.0 + 14.0°
Efficiency 90 %
Peak intensity 2.500 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



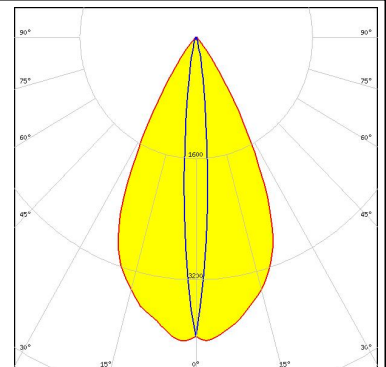
LED LUXEON A
FWHM 51.0 + 12.0°
Efficiency 84 %
Peak intensity 3.350 cd/lm
Required components:



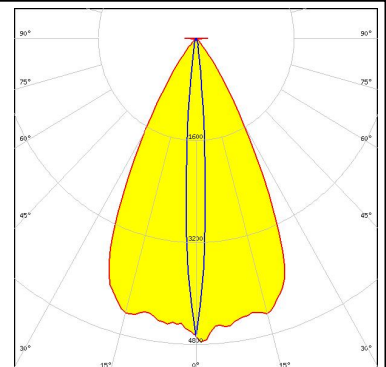
LED LUXEON R
FWHM 53.0 + 12.0°
Efficiency %
Peak intensity cd/lm
Required components:



LED Oslon Black
FWHM 53.0 + 9.0°
Efficiency 88 %
Peak intensity 4.000 cd/lm
Required components:



LED Oslon Black Flat
FWHM 54.0 + 8.0°
Efficiency 89 %
Peak intensity 4.800 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:

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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Distribution Partners

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