



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



HEIDI-SS

~15° smooth spot beam optimized for LUXEON Rebel ES

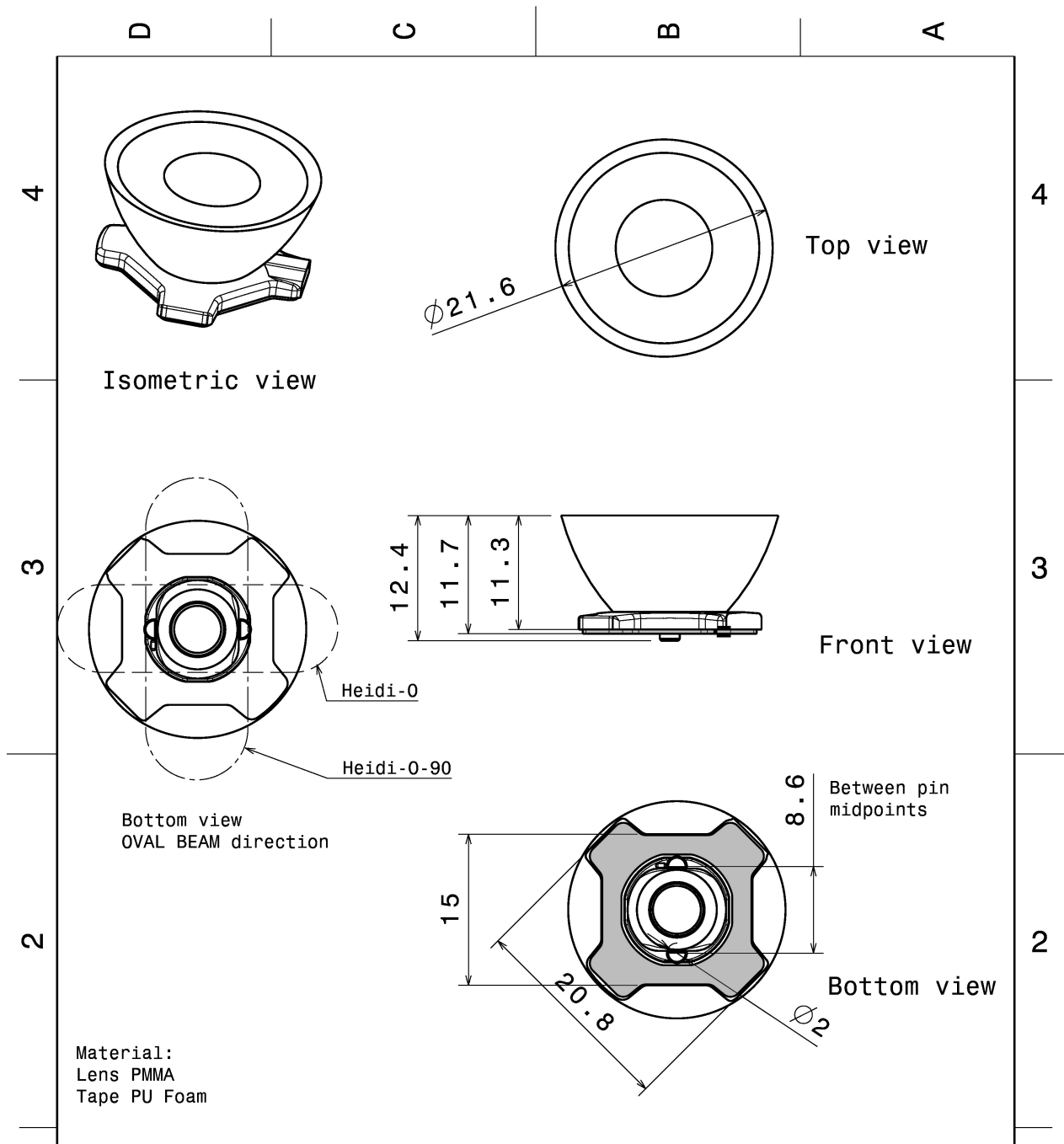
TECHNICAL SPECIFICATIONS:

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

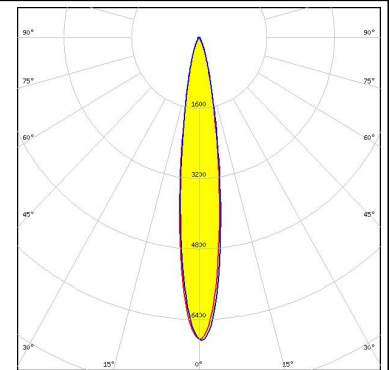
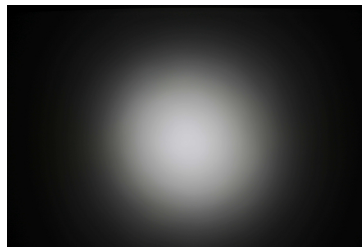


This drawing is our property. It can't be reproduced or communicated without our written agreement.		LEDiL		Ledil Oy Salorankatu 10 FIN-24100 SALO Finland	
DRAWN BY ah		DATE 1.2.2012		DRAWING TITLE Datasheet Heidi-Series Ass'y	
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):



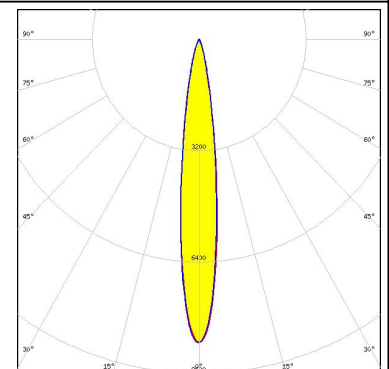
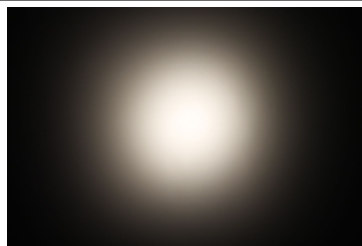
LED XP-G3
FWHM 16.0°
Efficiency 94 %
Peak intensity 6.900 cd/lm
Required components:



LED LUXEON R
FWHM 16.0°
Efficiency 91 %
Peak intensity 6.260 cd/lm
Required components:



LED LUXEON Rebel
FWHM 14.0°
Efficiency 89 %
Peak intensity 8.700 cd/lm
Required components:



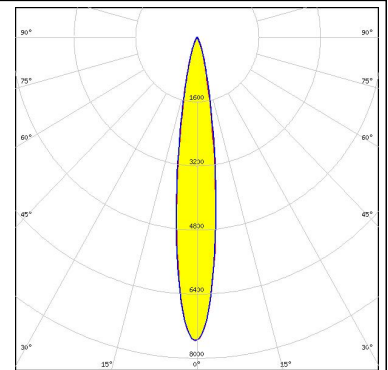
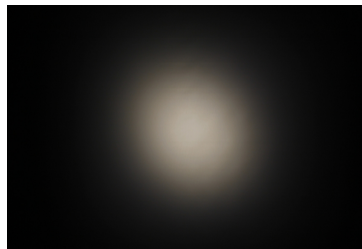
LED LUXEON Rebel ES
FWHM 14.0°
Efficiency 91 %
Peak intensity 6.300 cd/lm
Required components:



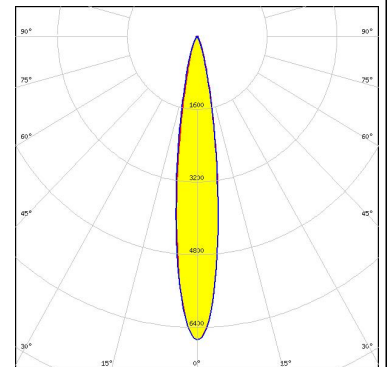
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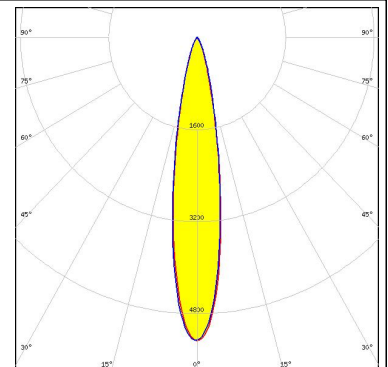
LED NVSW219D
 FWHM 15.0°
 Efficiency 94 %
 Peak intensity 7.600 cd/lm
 Required components:



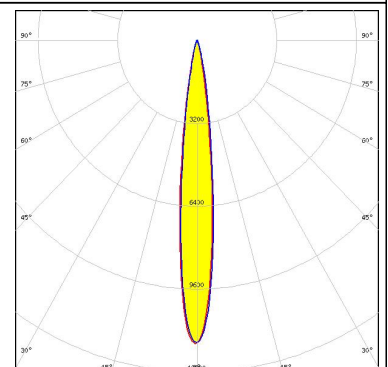
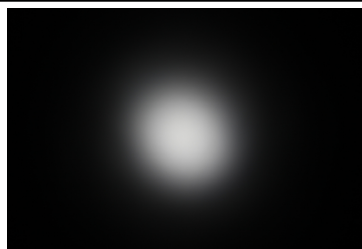
LED NVSW3x9A
 FWHM 16.0°
 Efficiency 92 %
 Peak intensity 6.700 cd/lm
 Required components:



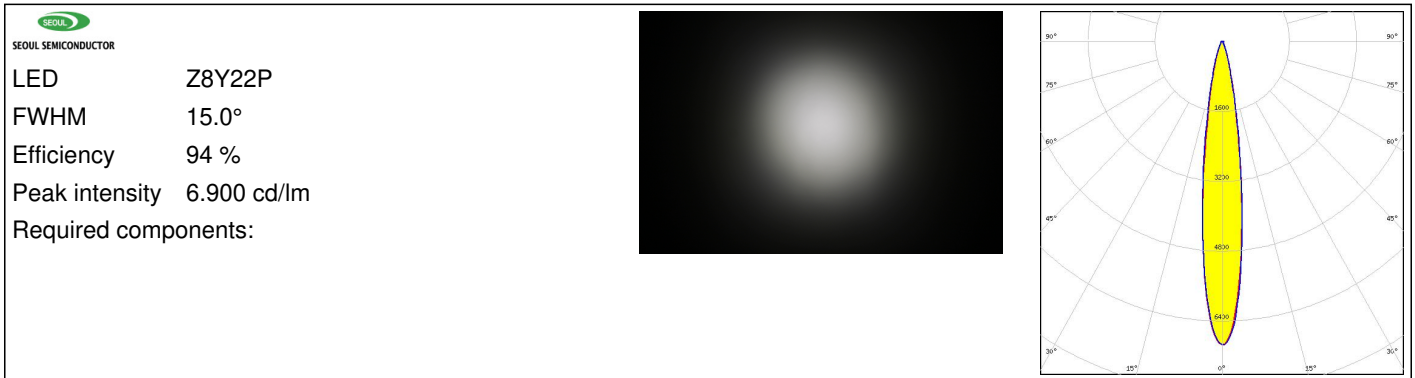
LED NWSx229A
 FWHM 18.0°
 Efficiency 86 %
 Peak intensity 5.300 cd/lm
 Required components:



LED Oslon SSL 150
 FWHM 12.0°
 Efficiency 91 %
 Peak intensity 11.700 cd/lm
 Required components:



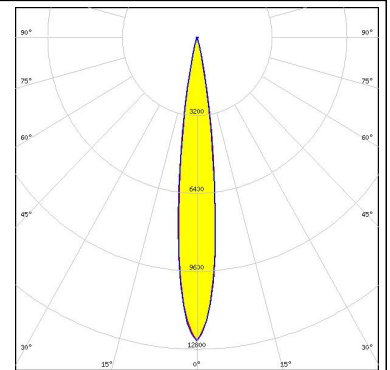
PHOTOMETRIC DATA (MEASURED):



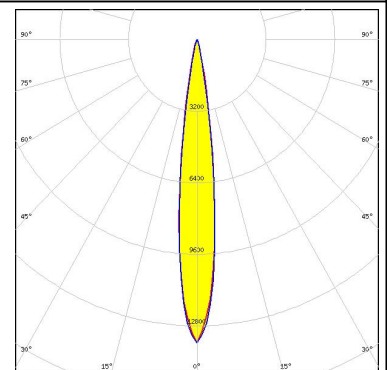
PHOTOMETRIC DATA (SIMULATED):



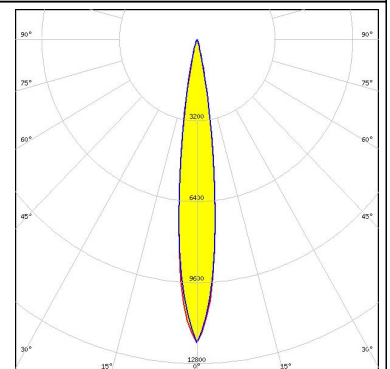
LED LUXEON SunPlus 20 Line
 FWHM 14.0°
 Efficiency 93 %
 Peak intensity 12.460 cd/lm
 Required components:



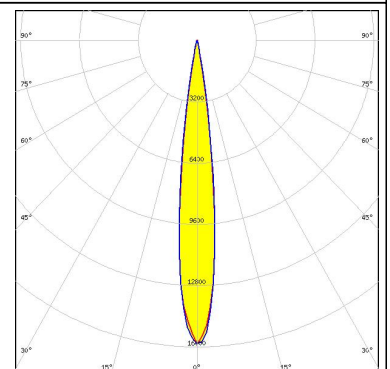
LED LUXEON SunPlus 35 Line
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 13.560 cd/lm
 Required components:



LED Oslon Black
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 12.000 cd/lm
 Required components:



LED Oslon Black Flat
 FWHM 13.0°
 Efficiency 94 %
 Peak intensity 15.800 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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Hong Kong, China

Distribution Partners

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