



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

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



BARBARA-S

~15° spot beam

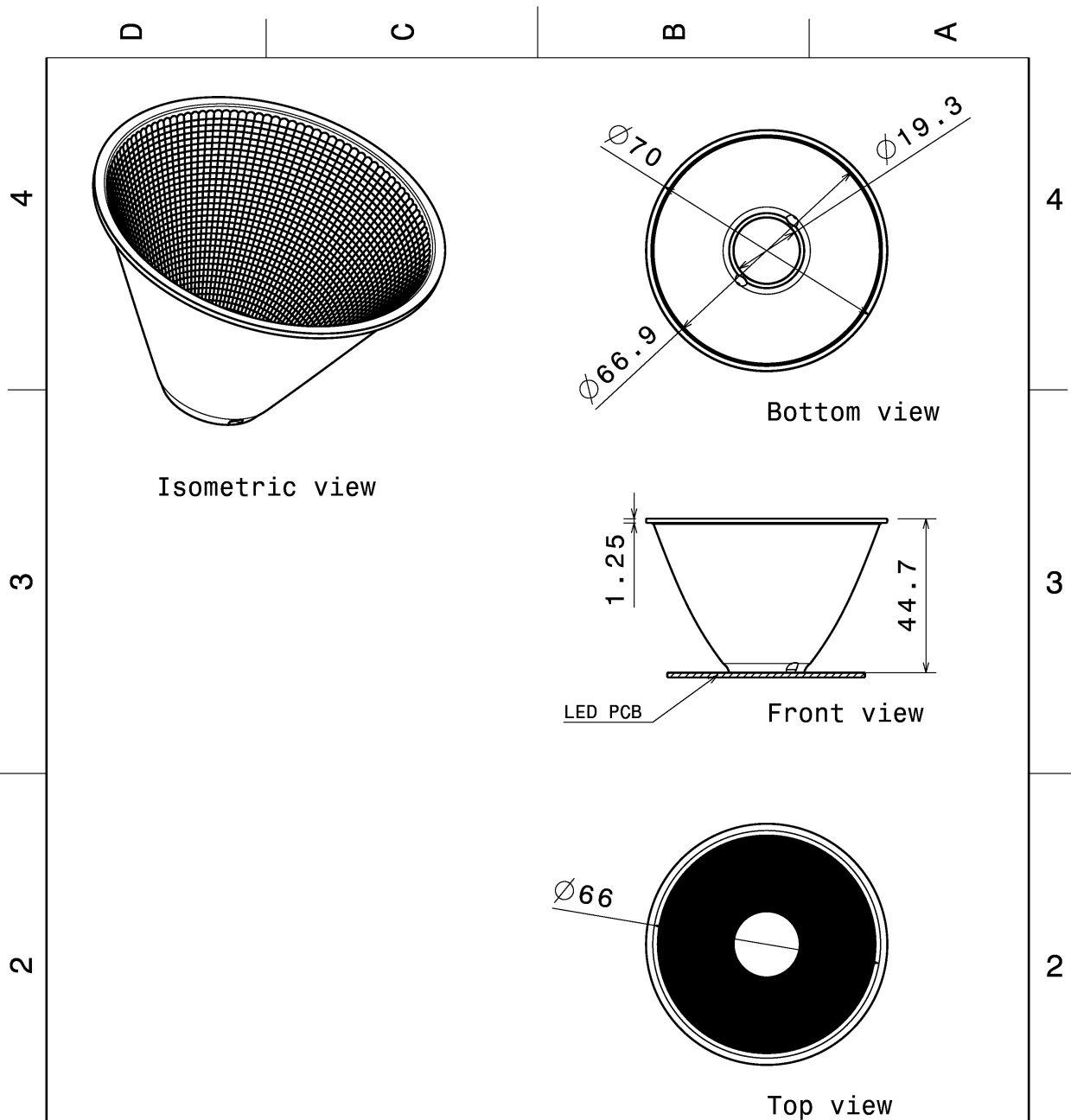
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 70 mm
Height	44.7 mm
Fastening	glue
Colour	metal
Box size	476 x 273 x 247 mm
Box weight	6.1 kg
Quantity in Box	288 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
BARBARA-S	Reflector	PC	metal	lacquer



Material: PC with Metal coating and clear lacquer

This drawing is our property. It can't be reproduced or communicated without our written agreement.



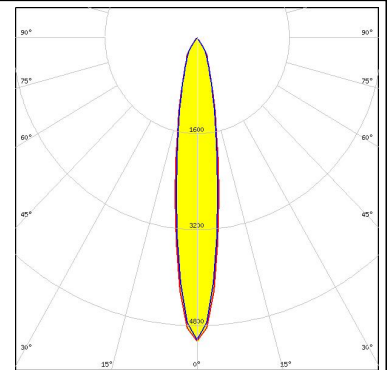
Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

DRAWN BY ah		DATE 3.1.2012		DRAWING TITLE Datasheet Barbara Reflector series			
CHECKED BY sn		DATE 3.1.2012		SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY ol		DATE 23.06.2010		SCALE 2:3	WEIGHT (g)	SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):

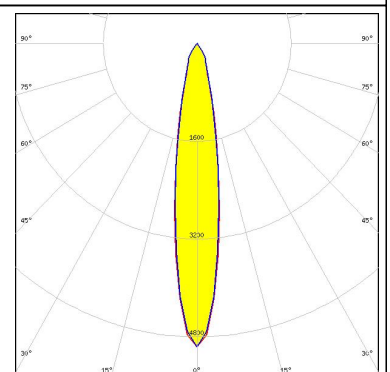


LED BXRA ES Rectangle
FWHM 17.0°
Efficiency 90 %
Peak intensity 5.060 cd/lm
Required components:

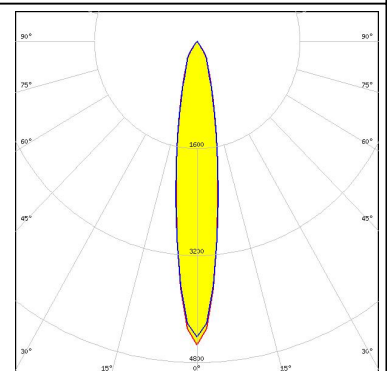


CITIZEN

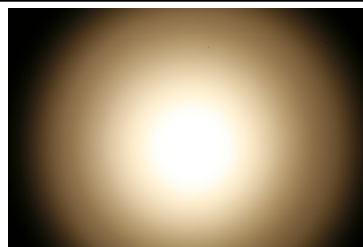
LED CL-L330
FWHM 17.0°
Efficiency 90 %
Peak intensity 5.000 cd/lm
Required components:



LED CXA2011
FWHM 17.0°
Efficiency 90 %
Peak intensity 4.540 cd/lm
Required components:



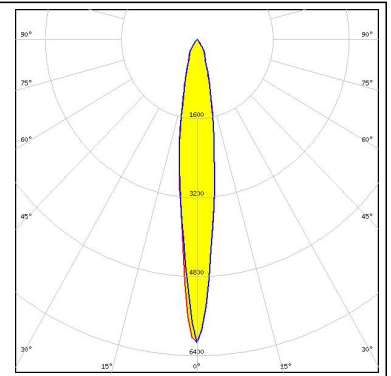
LED COB 10W/13W/17W/24W
FWHM 19.0°
Efficiency 90 %
Peak intensity 4.100 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLU730/731
FWHM 14.0°
Efficiency 91 %
Peak intensity 6.140 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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Distribution Partners

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