



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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## BARBARA-XW

White version with ~75° wide beam

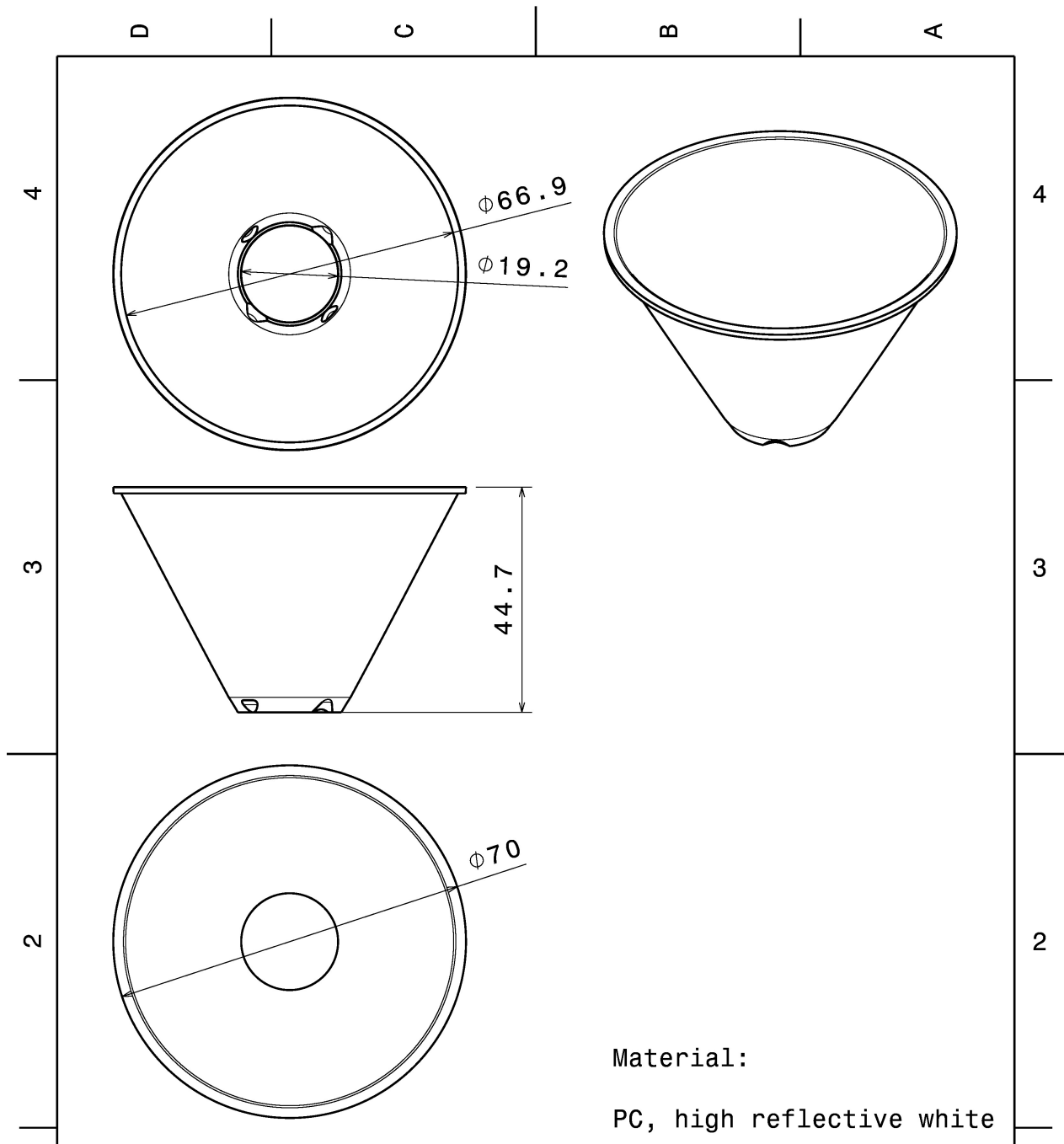
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 70 mm
Height	44.7 mm
Fastening	glue
Colour	white
Box size	476 x 273 x 247 mm
Box weight	5.9 kg
Quantity in Box	288 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
BARBARA-XW	Reflector	HRPC	white	



Material:  
PC, high reflective white

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWN BY		DATE	DRAWING TITLE			
as		3.8.2012	BARBARA - XW			
CHECKED BY	DATE	SIZE	PART NUMBER		REV	
sn	-	A4			001	
DESIGNED BY	DATE	SCALE	1:1	WEIGHT	SHEET 1/1	
-	-					

**PHOTOMETRIC DATA (MEASURED):**

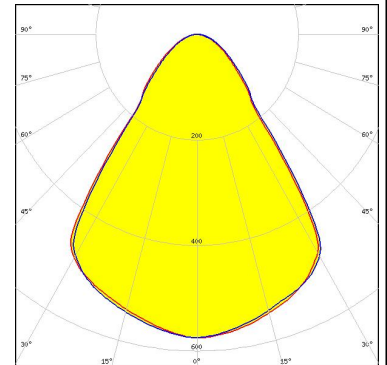
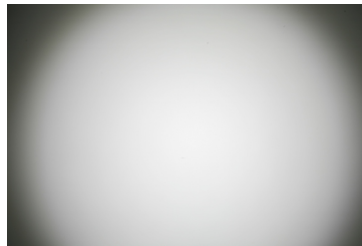


LED BXRA ES Rectangle  
 FWHM 75.0°  
 Efficiency 93 %  
 Peak intensity 0.550 cd/lm  
 Required components:



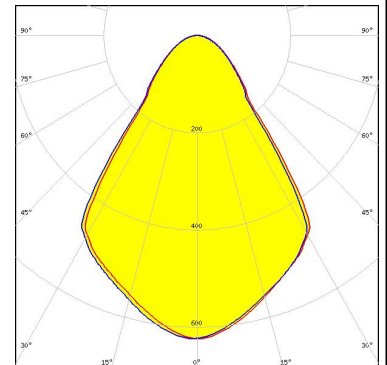
**CITIZEN**

LED CL-L330  
 FWHM 76.0°  
 Efficiency 92 %  
 Peak intensity 0.560 cd/lm  
 Required components:

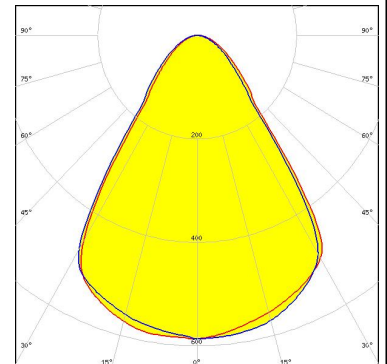
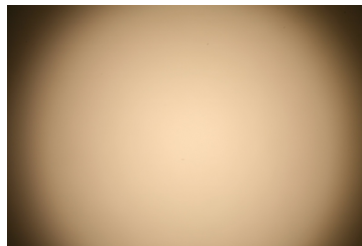


**CITIZEN**

LED CLU720/721  
 FWHM 72.0°  
 Efficiency 92 %  
 Peak intensity 0.620 cd/lm  
 Required components:



LED CXA2011  
 FWHM 75.0°  
 Efficiency 90 %  
 Peak intensity 0.520 cd/lm  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

 **LG Innotek**

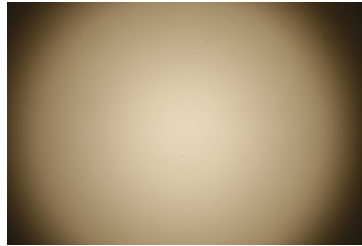
LED COB 10W/13W/17W/24W

FWHM 72.0°

Efficiency 91 %

Peak intensity 0.600 cd/lm

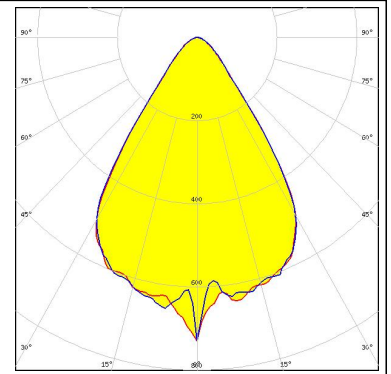
Required components:



## PHOTOMETRIC DATA (SIMULATED):

### CITIZEN

LED                    CLU730/731  
FWHM                68.0°  
Efficiency            86 %  
Peak intensity      0.730 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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Hong Kong, China

#### Distribution Partners

[www.ledil.com/where\\_to\\_buy](http://www.ledil.com/where_to_buy)