

BARBARA-XW

White version with ~75° wide beam

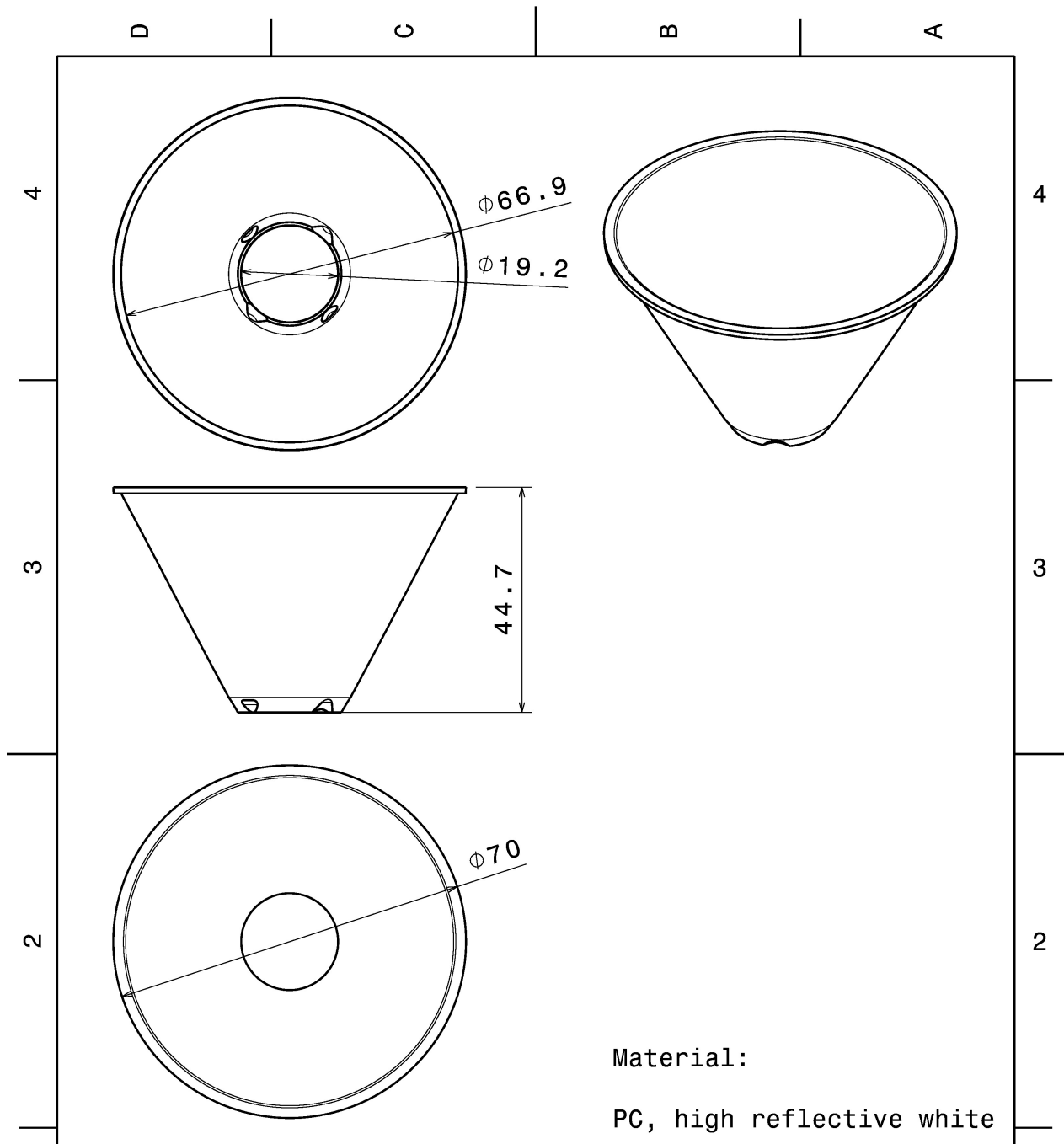
TECHNICAL SPECIFICATIONS:

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	



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

PHOTOMETRIC DATA (MEASURED):

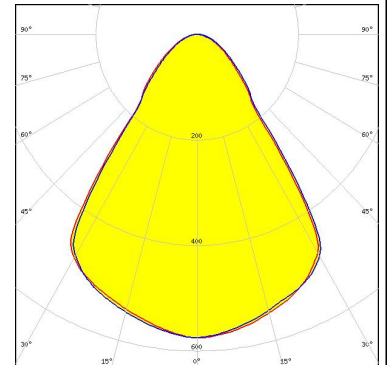
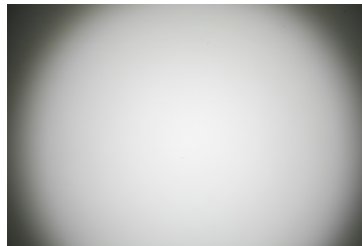
bridgelux

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



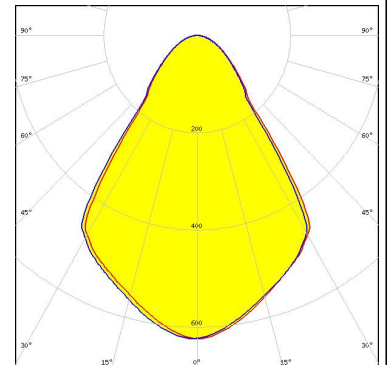
CITIZEN

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



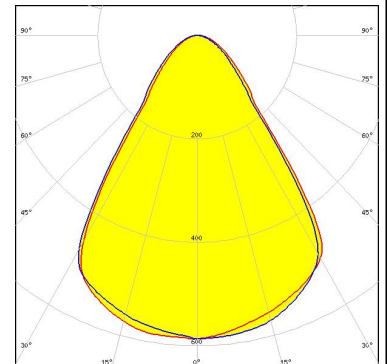
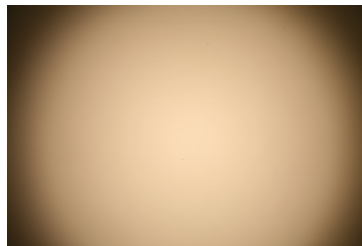
CITIZEN

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



CREE

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

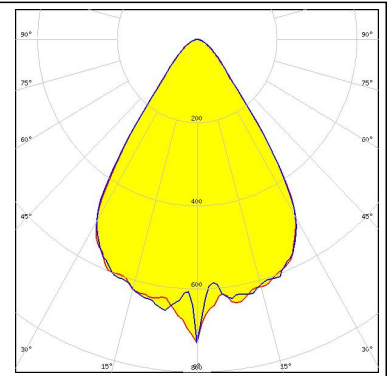
Required components:



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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