

## BARBARA-WW

~60° wide beam

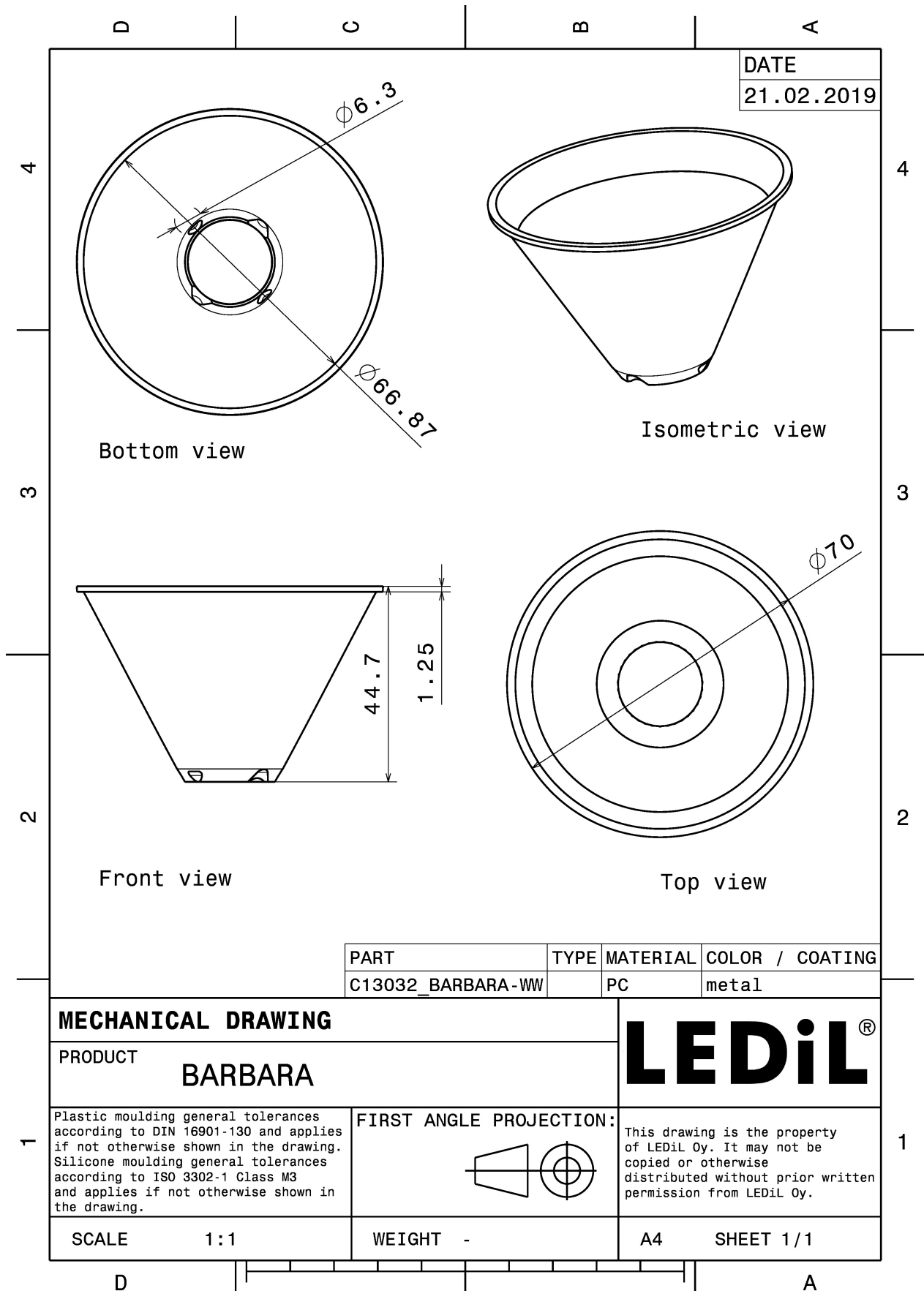
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 70.0 mm
Height	44.7 mm
Fastening	glue
Colour	metal
Box size	476 x 273 x 247 mm
Box weight	5.7 kg
Quantity in Box	288 pcs
ROHS compliant	yes ⓘ


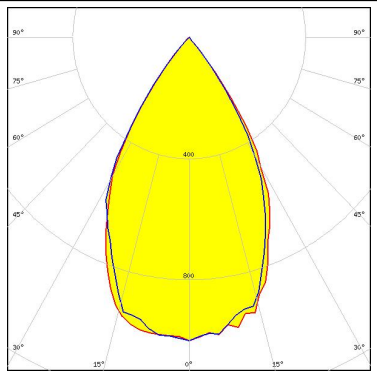

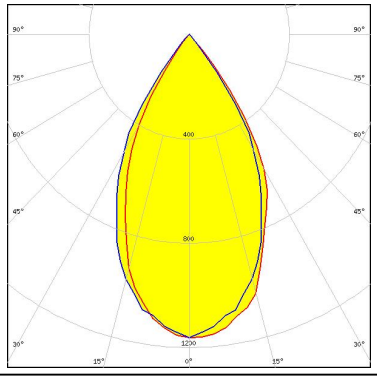

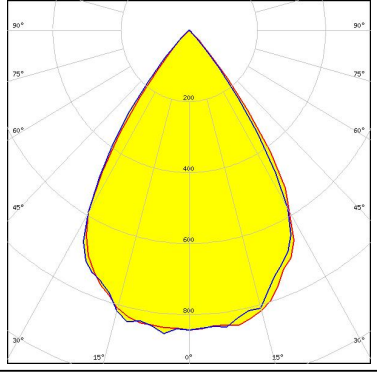

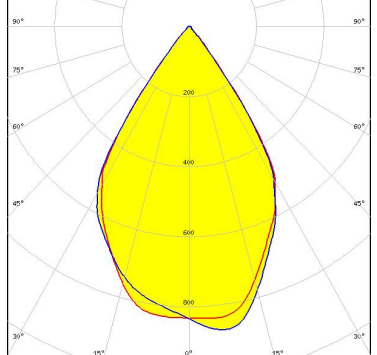


### MATERIAL SPECIFICATIONS:

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



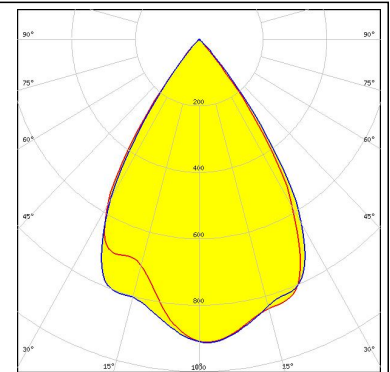
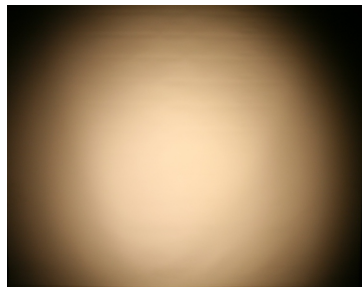
#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED BXRA ES Rectangle            FWHM 60.0°            Efficiency 89 %            Peak intensity 1.000 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CITIZEN</b></p> <p>LED CL-L330            FWHM 55.0°            Efficiency 88 %            Peak intensity 1.200 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x            FWHM 70.0°            Efficiency 88 %            Peak intensity 0.800 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CITIZEN</b></p> <p>LED CLU720/721            FWHM 66.0°            Efficiency 81 %            Peak intensity 0.870 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

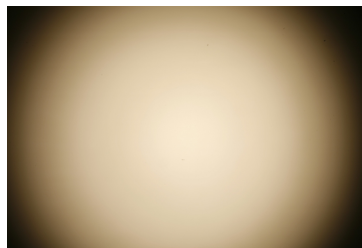
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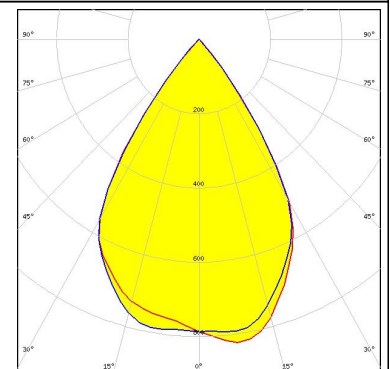
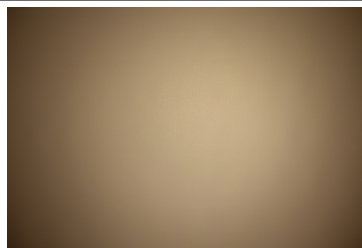
LED CXA2011  
FWHM 60.0°  
Efficiency 90 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED COB 10W/13W/17W/24W  
FWHM 65.0°  
Efficiency %  
Peak intensity 0.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED CXM-14  
FWHM 68.0°  
Efficiency 80 %  
Peak intensity 0.820 cd/lm  
LEDs/each optic 1  
Light colour White  
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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#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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