


## BARBARA-S

~15° spot beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 70.0 mm
Height	44.7 mm
Fastening	glue
ROHS compliant	yes 

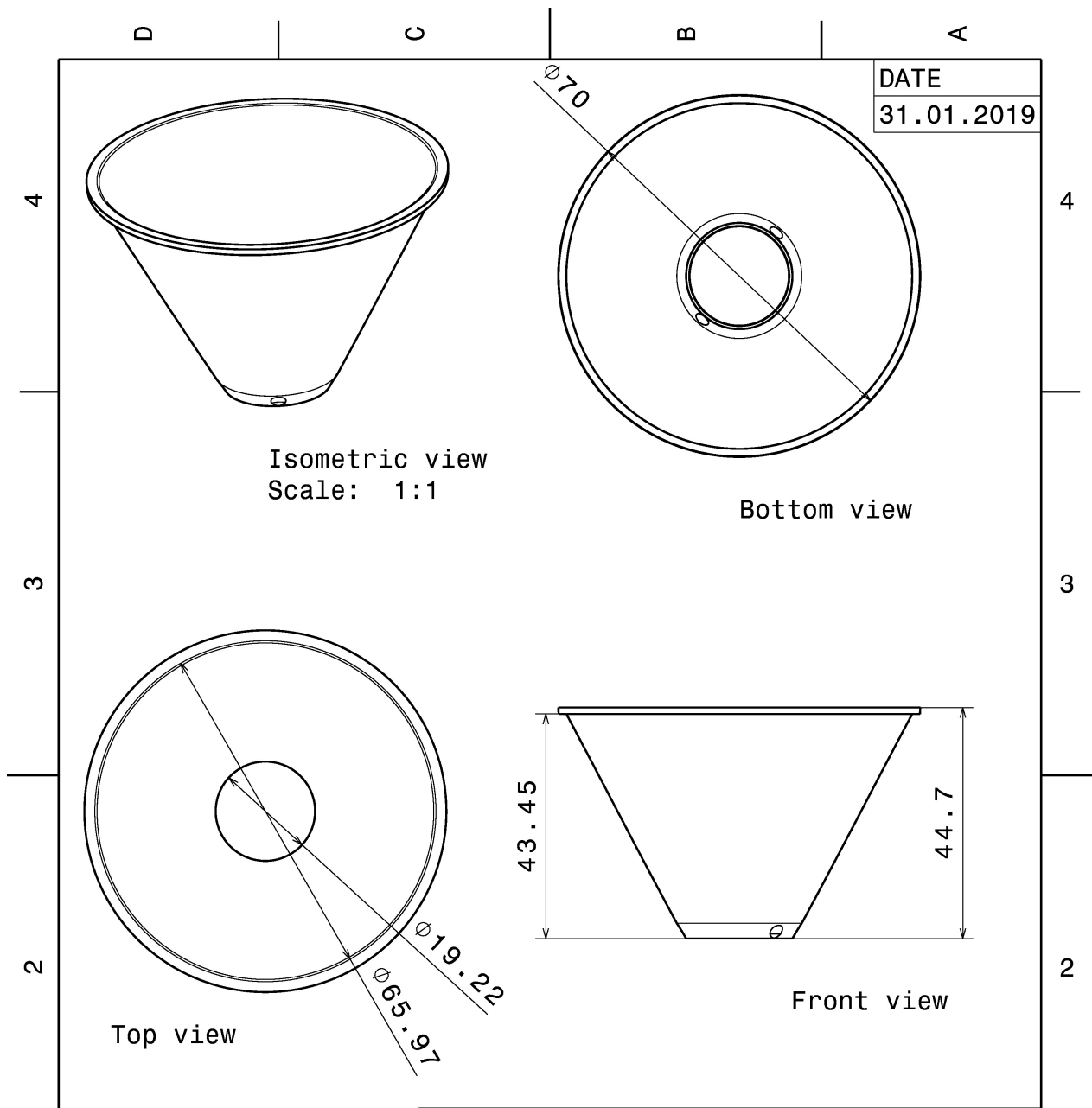
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11552_BARBARA-S » Box size: 476 x 273 x 247 mm	288	90	18	5.6


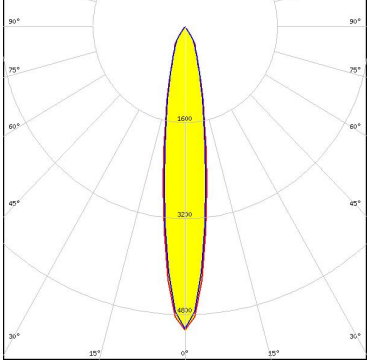
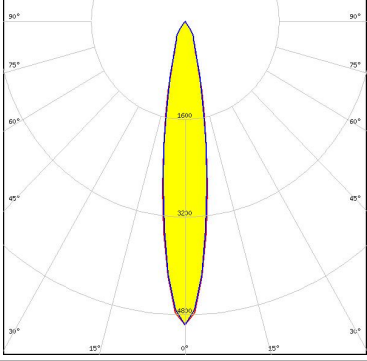

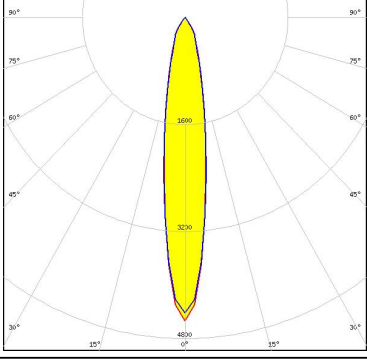




DATE
31.01.2019

PART	TYPE	MATERIAL	COLOR / COATING
C11552		PC	metal

<b>MECHANICAL DRAWING</b>		<b>LEDiL®</b>
PRODUCT <b>BARBARA</b>		
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.	<b>FIRST ANGLE PROJECTION:</b> 	This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.
SCALE 1:1	WEIGHT -	A4 SHEET 1/1

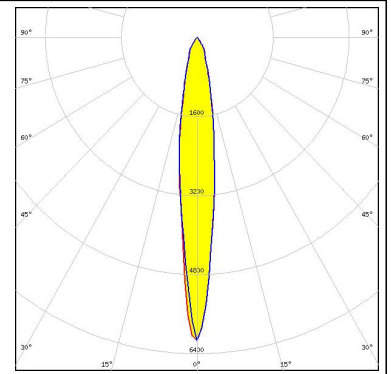
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>bridgelux</b></p> <p>LED BXRA ES Rectangle            FWHM 17.0°            Efficiency 90 %            Peak intensity 5.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CITIZEN</b></p> <p>LED CL-L330            FWHM 17.0°            Efficiency 90 %            Peak intensity 5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p> <b>CREE</b></p> <p>LED CXA2011            FWHM 17.0°            Efficiency 90 %            Peak intensity 4.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p> <b>LG Innotek</b></p> <p>LED COB 10W/13W/17W/24W            FWHM 19.0°            Efficiency 90 %            Peak intensity 4.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

## PHOTOMETRIC DATA (SIMULATED):

### CITIZEN

LED	CLU730/731
FWHM	14.0°
Efficiency	91 %
Peak intensity	6.1 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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#### Local sales and technical support

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

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.

