



# PRODUCT DATASHEET

## Barbara series

last update 4/10/2016

### DETAILS

<b>Product Number</b>	FCN13928_BARBARA-WW-PF-VERO10
<b>Family</b>	Barbara
<b>Type</b>	RefPack
<b>Color</b>	metal
<b>Diameter</b>	70 mm
<b>Height</b>	41,7 mm
<b>Style</b>	round
<b>Optic Material</b>	
<b>Holder Material</b>	
<b>Fastening</b>	
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	4/10/2016



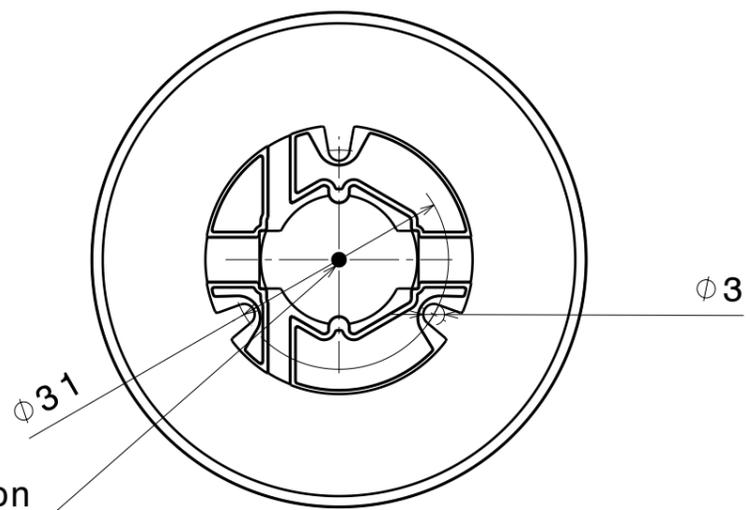
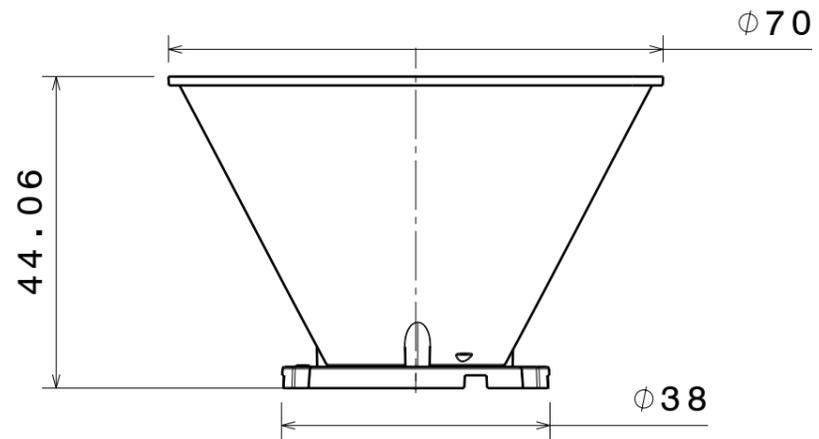
### OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
VERO10	49 deg	Very Wide	89 %	1.500	-

H G F E D C B A

4

4



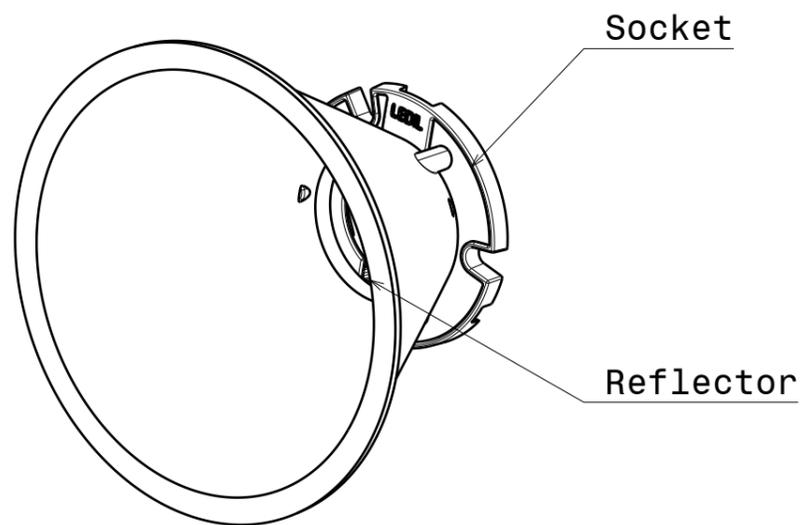
LED position

3

3

2

2



INDEX	PART NO	MATERIAL	COLOUR
1	Socket	PC	White
2	Reflector	PC	Metal

Tolerances if not otherwise shown  
 According to DIN ISO 2768-1  
 Linear measures: class C  
 According to DIN ISO 2768-2  
 Form and position: class L

**LEDiL** LediL Oy  
 Salorankatu 10  
 FIN 24240 SALO  
 Finland

THIRD ANGLE PROJECTION:

**DRAWING TITLE**  
**DATA SHEET BARBARA-PF-SOCKET-VER010**

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**SIZE** A3 **PART NUMBER** -

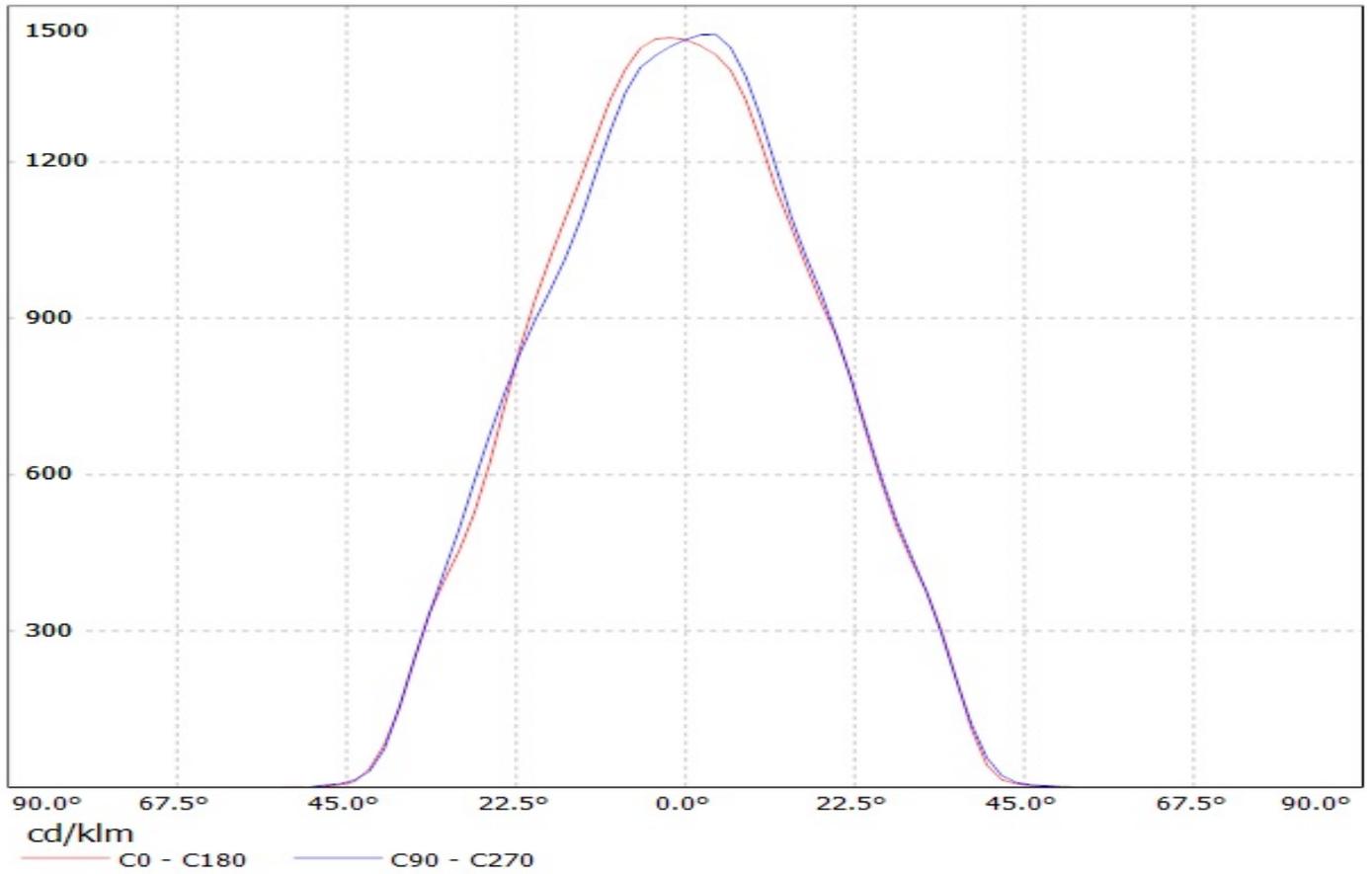
**SCALE** 1:1 **WEIGHT** - **SHEET** 1/1

H G B A

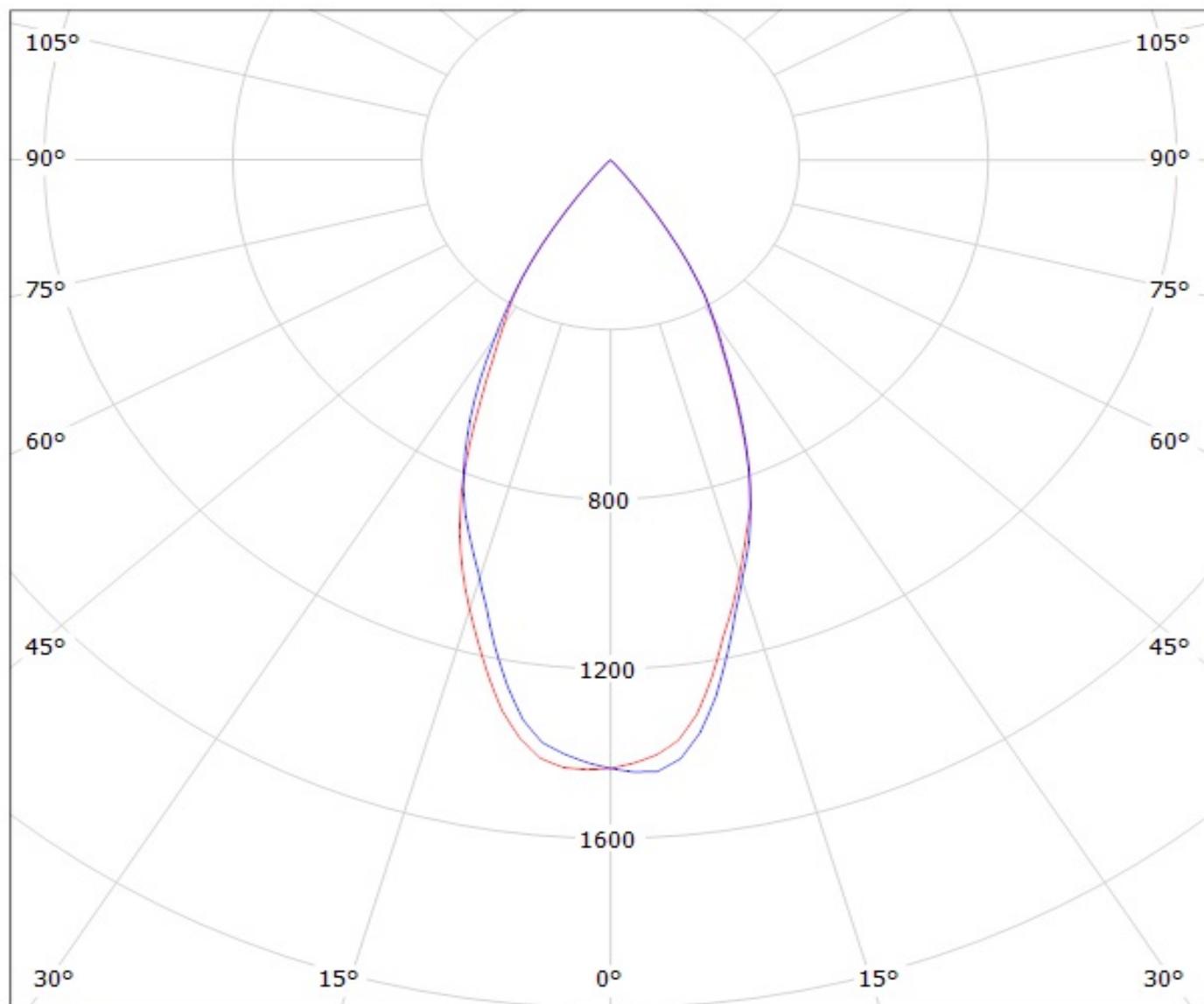
1

1

Luminaire: LEDil Oy FCN13928\_BARBARA-WW-PF-VERO10\_(VERO10) Efficiency=89%  
Lamps: 1 x Bridgelux VERO10 (BXRC-35E1000B) 720lm @ 250mA CCT=3600K P=6.4W I=250mA



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cd/klm

— C0 - C180 — C90 - C270

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**

### **GENERAL INFORMATION**

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! 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.