

**Ordering number FCA13329_BILLIE-A**

Family	Billie	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	85 %
LED	XB-D	cd/Im	2.100
Color	White	Gerber File	Available
Diameter	21.5 mm		
Height	16.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

Ordering number FN13888_BILLIE-A

Family	Billie	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	85 %
LED	XB-D	cd/Im	2.100
Color	White	Gerber File	Available
Diameter	21.5 mm		
Height	16.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	-		
Status	On production		

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.



PRODUCT DATASHEET

Billie series

last update 13/11/2013

GENERAL INFORMATION

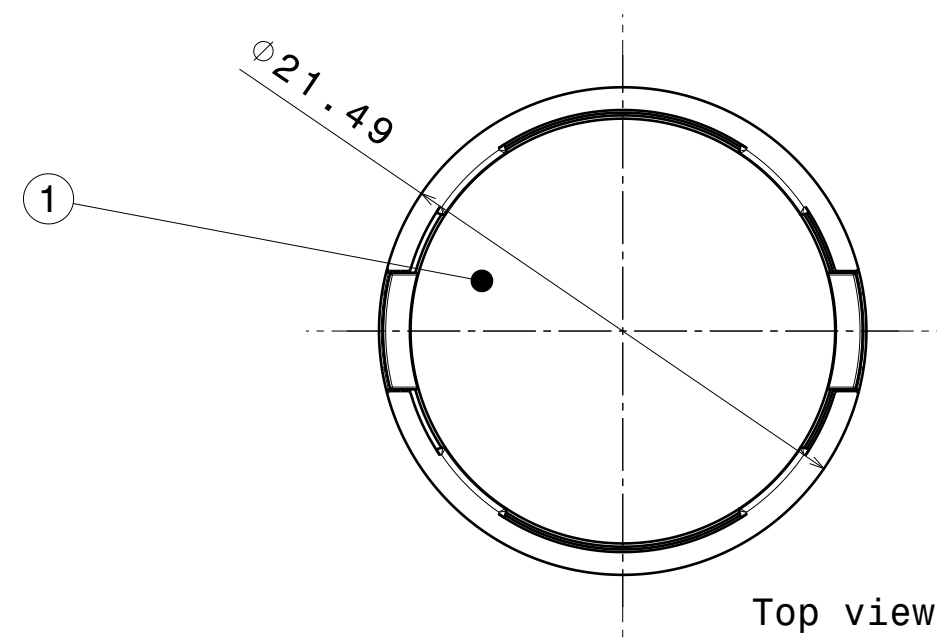
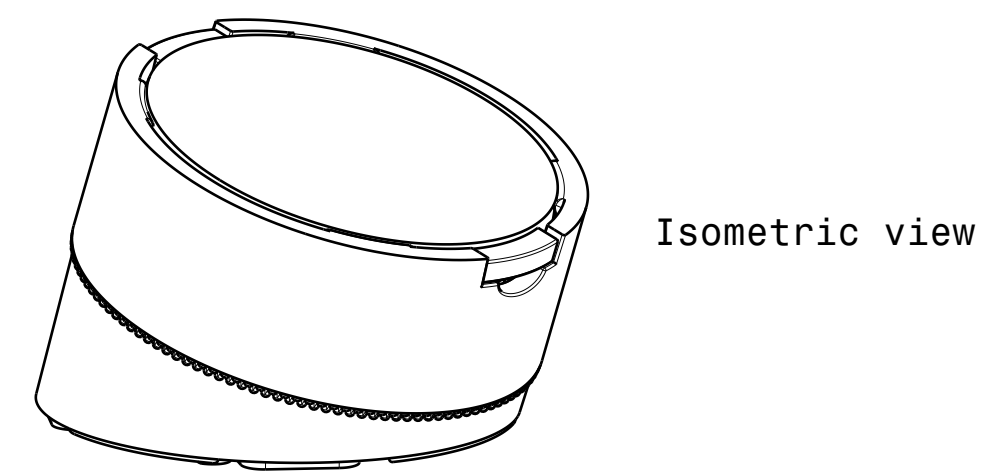
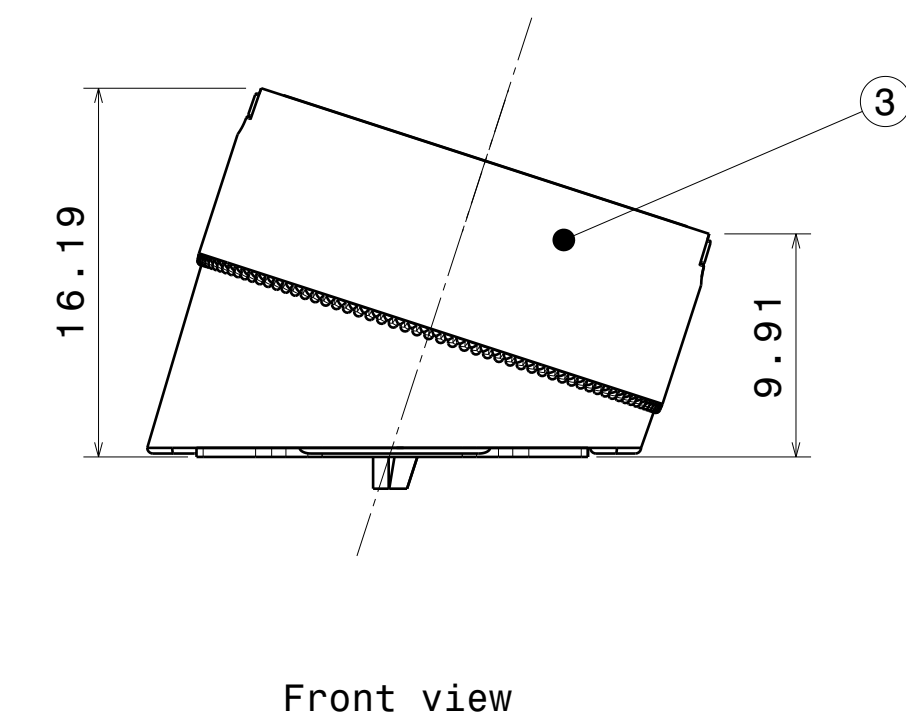
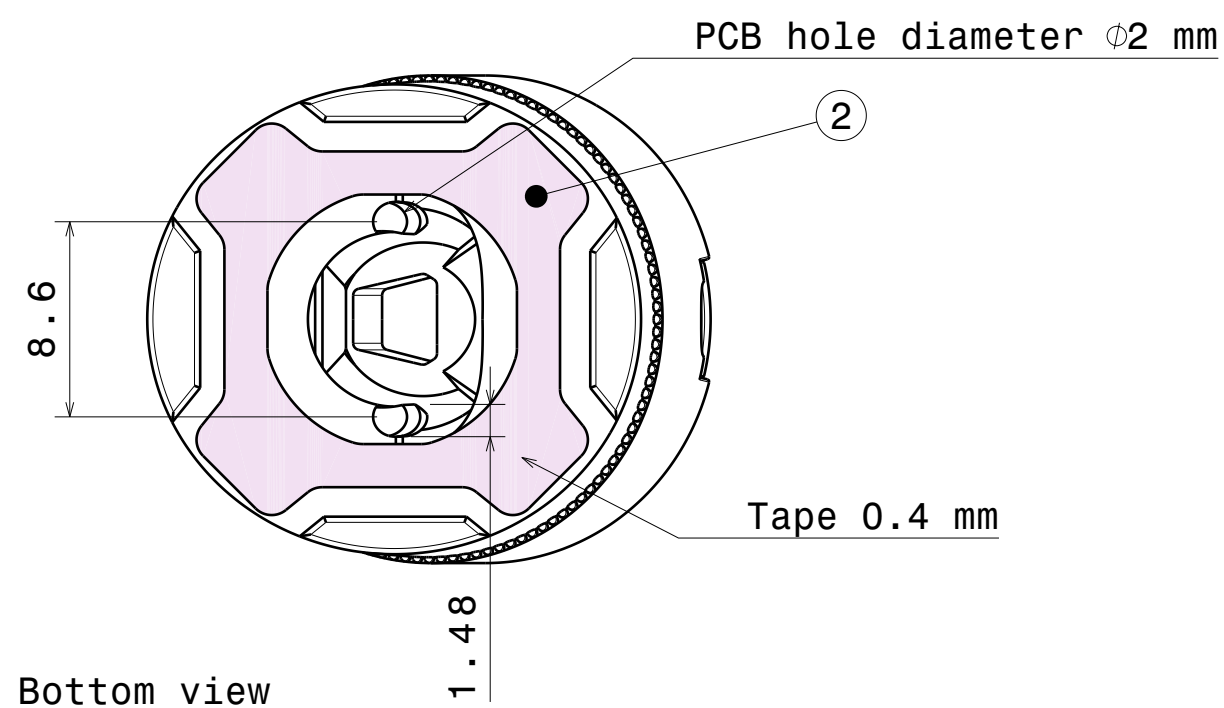
- Product series especially designed & optimized for XB-D series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

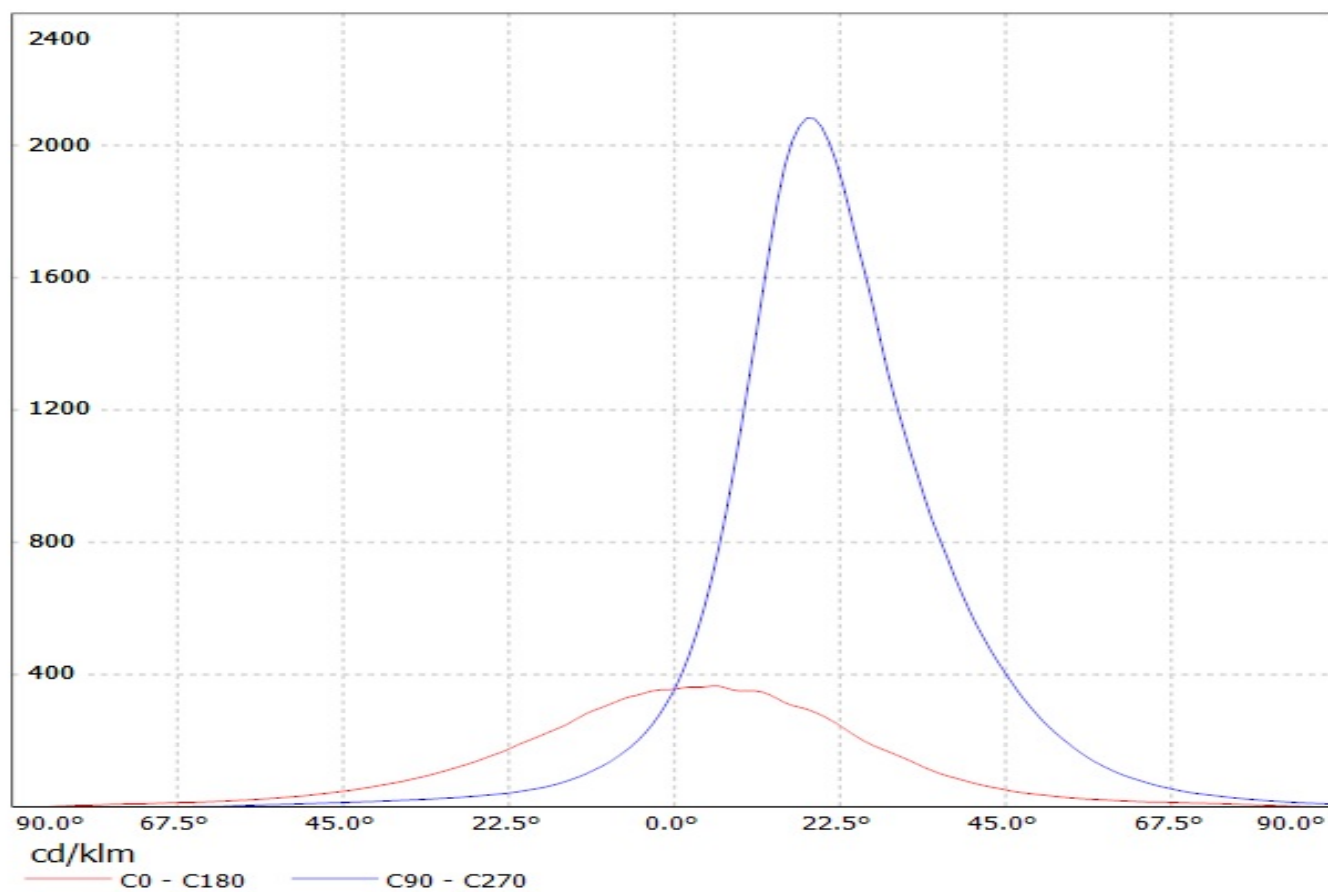
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).



INDEX	PART NO	DESCRIPTION	MATERIAL
1	C13327	BILLIE-A	PMMA
2	C11269	HEIDI-TAPE	2-sided tape
3	F13328	BILLIE-HLD-PIN-TAPE	PC

<div>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class F, otherwise class M. According to DIN ISO 2768-2 Form and position: class K</div> <div>THIRD ANGLE PROJECTION: </div> <div>This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."</div>		<div><div>LEDiL</div><div>Ledil Oy Salorankatu 10 FIN 24240 SALO Finland</div></div>	
		DRAWING TITLE BILLIE-A datasheet	
SIZE A3		PART NUMBER FCA13329	
SCALE 3:1		WEIGHT g	SHEET 1/1

Luminaire: Ledil Oy FCA13329_BILLIE-A (Cree XB-D 90lm @ 250mA) Efficiency=85%
Lamps: 1 x Cree XB-D 90lm @ 250mA CCT=6580K P=0,75W I=250mA



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