



PRODUCT DATASHEET

CARMEN series

last update 30/5/2016

DETAILS

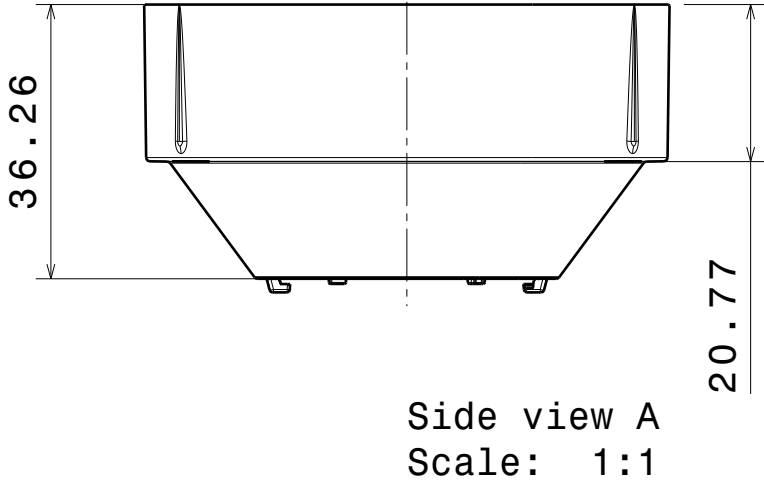
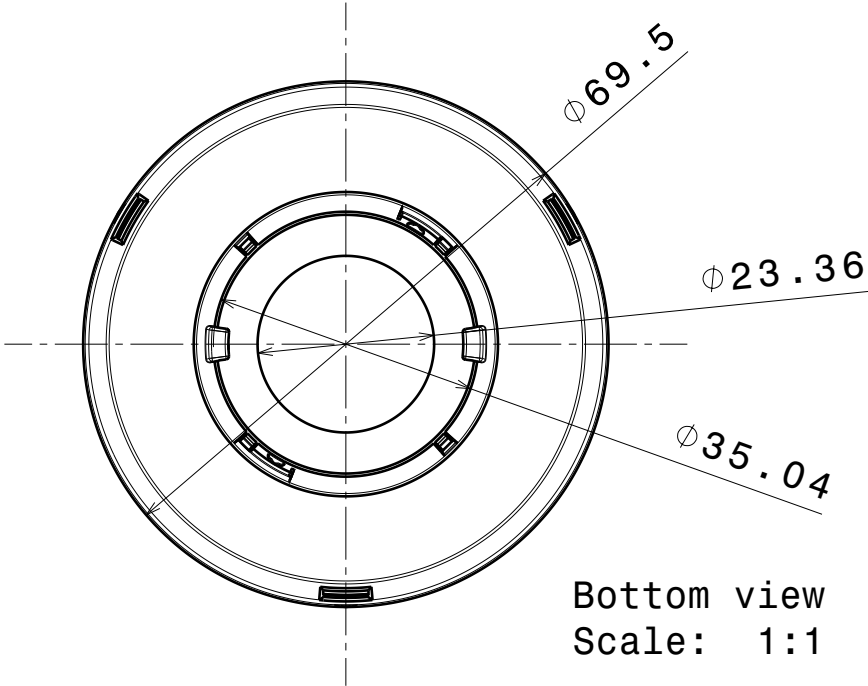
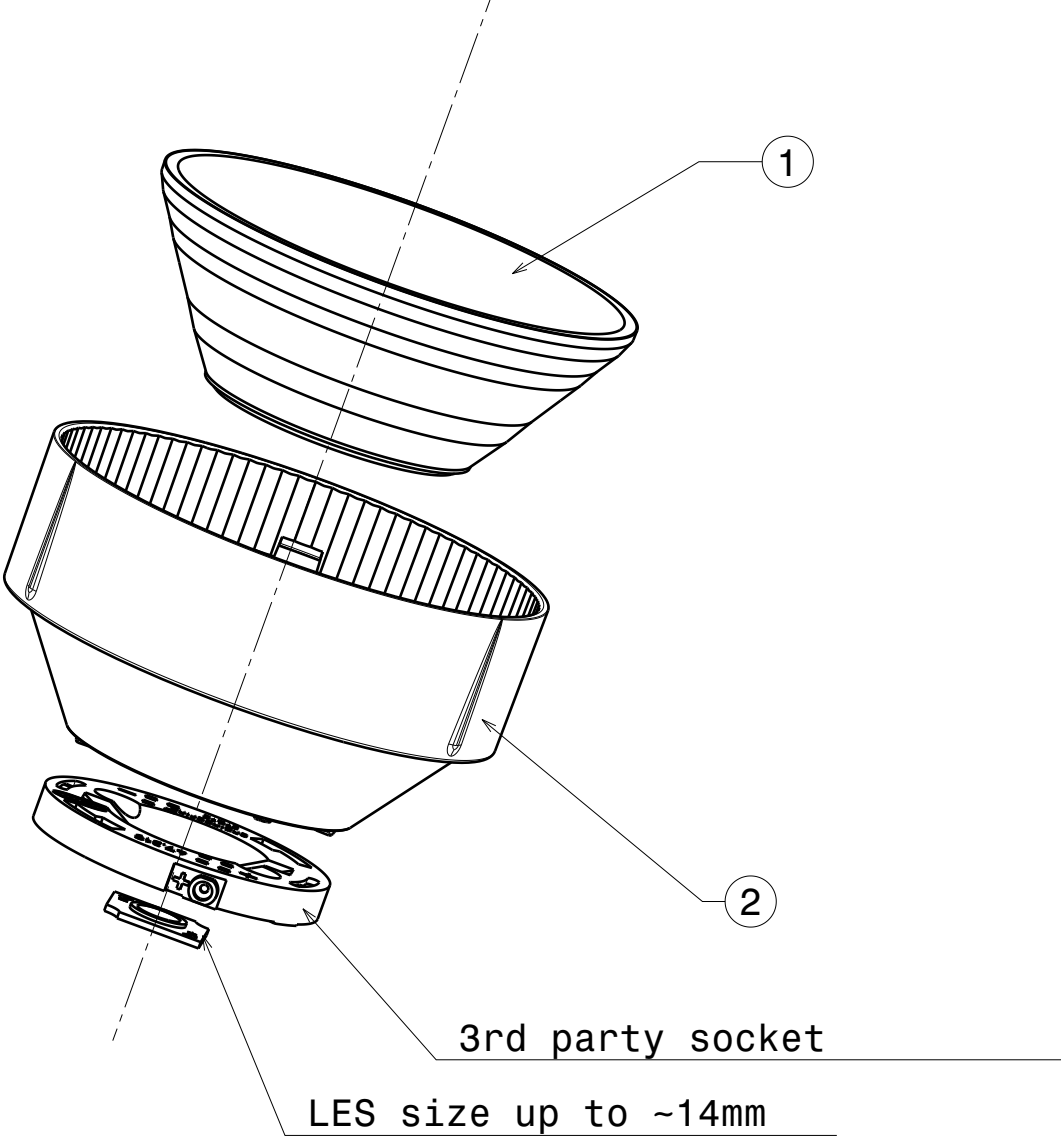
Product Number	CP15313_CARMEN-W-B
Family	CARMEN
Type	Lens
Color	black
Diameter	69,93 mm
Height	36,26 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	
Status	sample approved
ROHS Compliant	Yes
Date Updated	30/05/2016



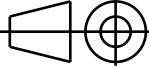
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
CXA/B 15xx	sim: 53	Wide	sim: 73 %	sim: 0.969	-
CLL02x/CLU02x (LES10)	sim: 55	Wide	sim: 73 %	sim: 0.960	-

Example assembly:



INDEX	PART NO	MATERIAL	COLOUR
1	CARMEN-LENS	PMMA	
2	F15211_CARMEN-HLD-B	PC	BLACK

<div>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L</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> <div>DRAWING TITLE CARMEN-B</div>	
		SIZE A3	PART NUMBER
SCALE 1:1		WEIGHT	SHEET 1/1

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.