



PRODUCT DATASHEET

CARMEN series

last update 2/6/2016

DETAILS

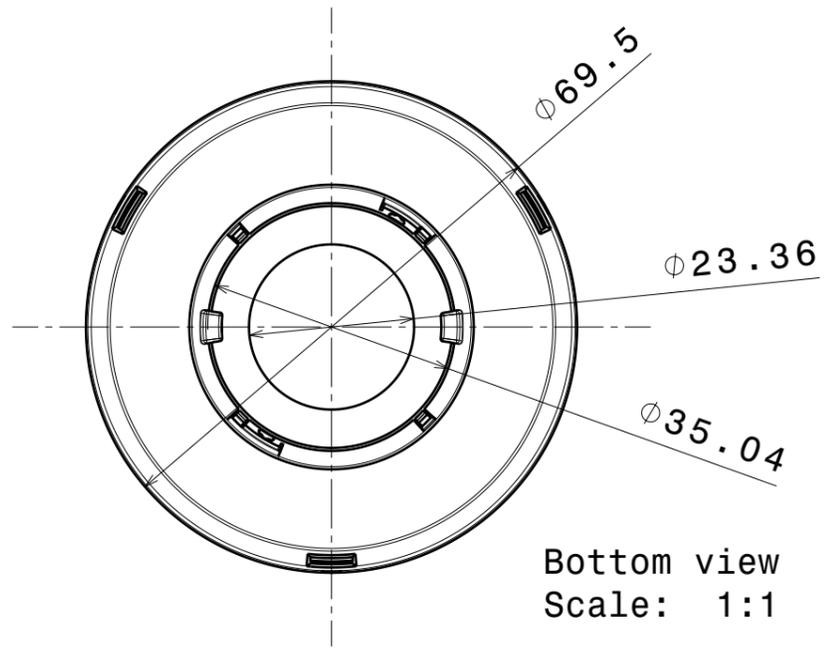
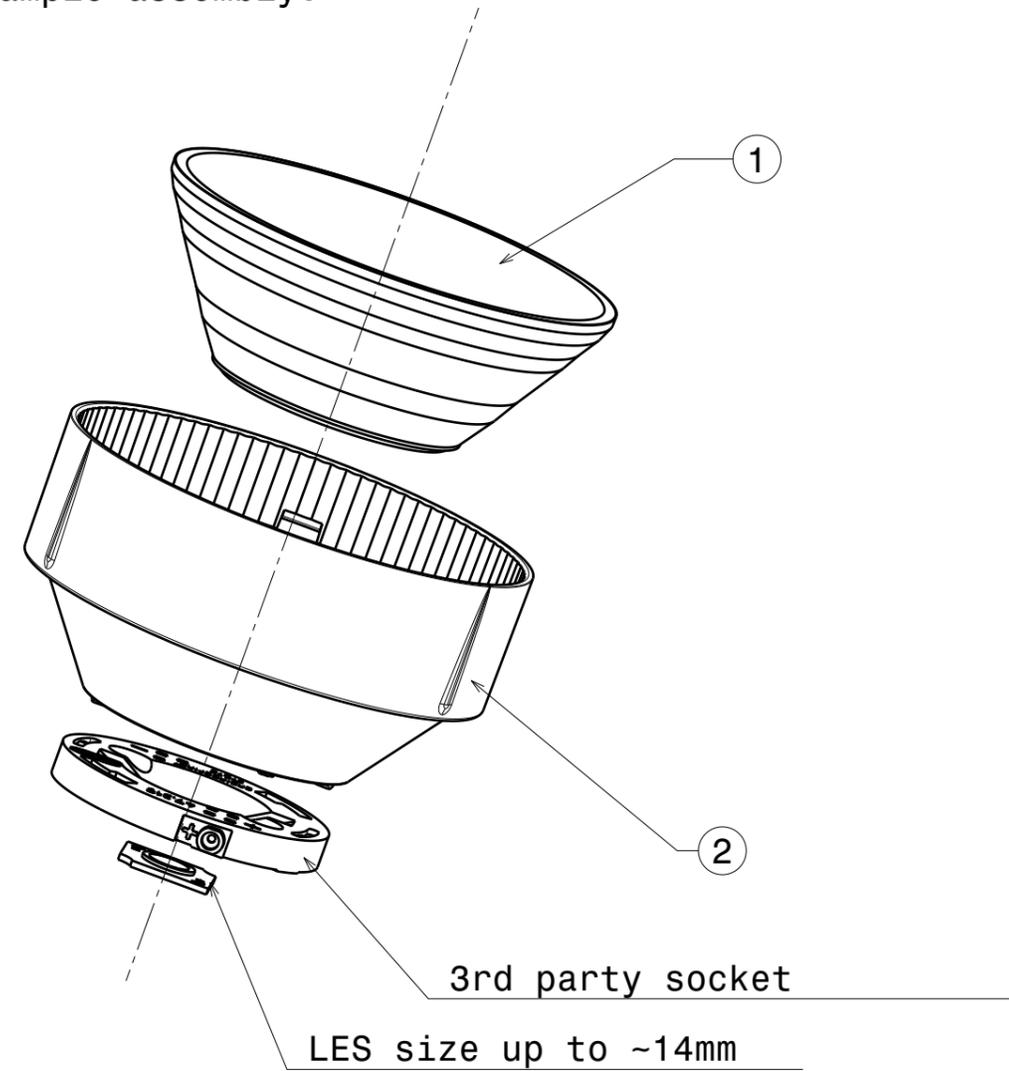
Product Number	CP15212_CARMEN-S-B
Family	CARMEN
Type	Lens
Color	black
Diameter	69,93 mm
Height	36,26 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	socket
Status	sample approved
ROHS Compliant	Yes
Date Updated	2/06/2016



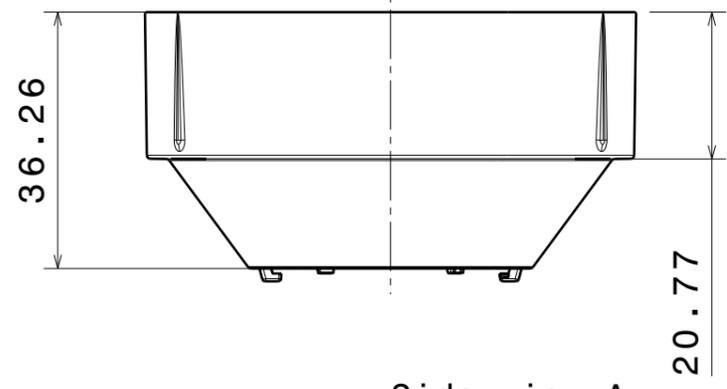
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CXA/B 15xx	sim: 13	Spot	sim: 76 %	sim: 9.560	BJB: 47.319.6101
CLU700	sim: 10	Spot	sim: 80 %	sim: 13.700	BJB: 47.319.6060
V10	sim: 14	Spot	sim: 76 %	sim: 8.000	BJB: 47.319.6214

Example assembly:



Bottom view
Scale: 1:1



Side view A
Scale: 1:1

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

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

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CARMEN - B

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SIZE PART NUMBER
A3

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.