PRODUCT DATASHEET
Ronda series
last update 26/1/2017

DETAILS



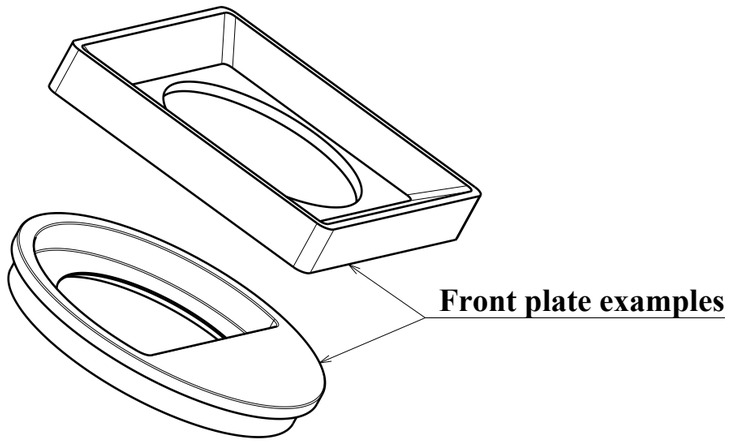
Product Number	FCN15740_RONDA-REC-60
Family	Ronda
Type	Pack
Color	clear
Diameter	69,9 mm
Height	14,6 mm
Style	round
Optic Material	
Holder Material	
Fastening	
Status	sample approved
ROHS Comliant	Yes
Date Updated	26/01/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
H9	sim: 63+63	REC-class	sim: 91 %	-	Bender Wirth: 441 Typ L1
V13 Gen7	sim: 60+60	REC-class	sim: 87 %	sim: 0.800	Bender Wirth: 477 Typ L1
CLU700/701	sim: 65+65	REC-class	sim: 90 %	-	Bender Wirth: 434 Typ L1
CLU710/711	sim: 61+61	REC-class	sim: 90 %	-	Bender Wirth: 470 Typ L1
CXA/B 15xx	sim: 62+62	REC-class	sim: 89 %	-	Bender Wirth: 441 Typ L1
CXA/B 13xx	sim: 65+65	REC-class	sim: 90 %	-	Bender Wirth: 448 Typ L1
LUXEON CoB 1202s	sim: 61+61	REC-class	sim: 90 %	-	Bender Wirth: 452 Typ L1
Mini Zenigata (GW6BM)	sim: 60+60	REC-class	-	-	Bender Wirth: 452 Typ L1

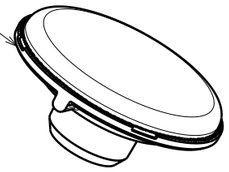
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24240 SALO, Finland

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FAX: +358-2-733 8001



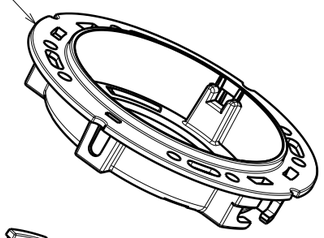
Front plate examples

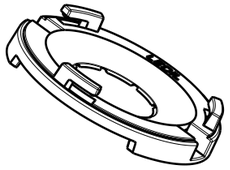
D=49.9



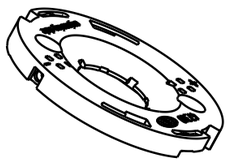
Optic

D=69.9mm





Ledil-clamp / TE / Bender-wirth / other twist and lock socket types (holder A)



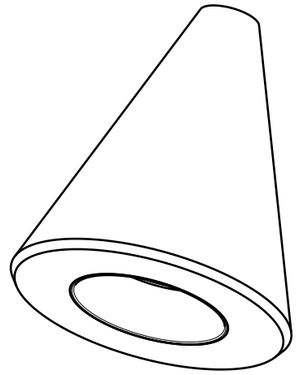
BJB and Stucchi 50mm (holder B)



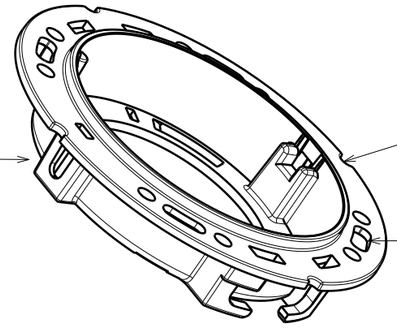
LES size up to ~14mm, see compatibility www.ledil.com



Examples



Horizontal fix: M3 Nut + bolt



Rotation fix

Vertical fix: M3 Screw / Twist and lock / Snap

See more details on page 2 and 3

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

THIRD ANGLE PROJECTION:

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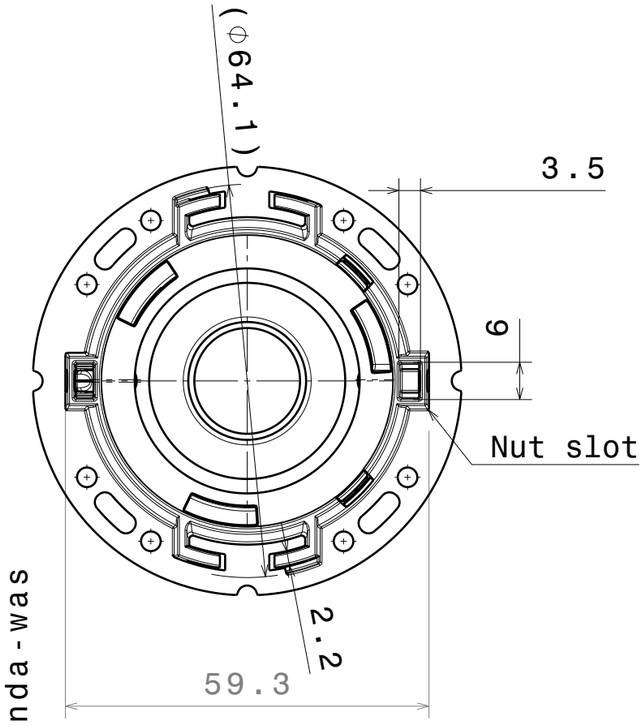
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Finland

DRAWING TITLE
RONDA-family

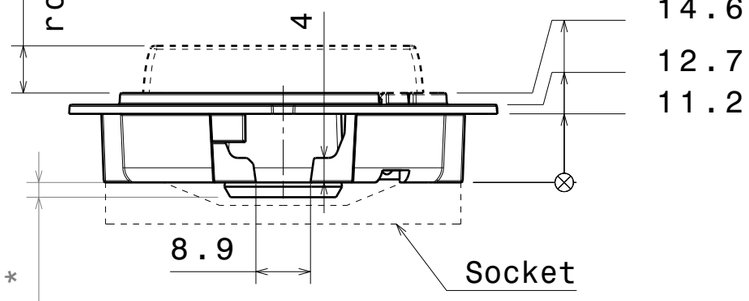
SIZE A3 | PART NUMBER -

SCALE 1:1 | WEIGHT - | SHEET 1/3

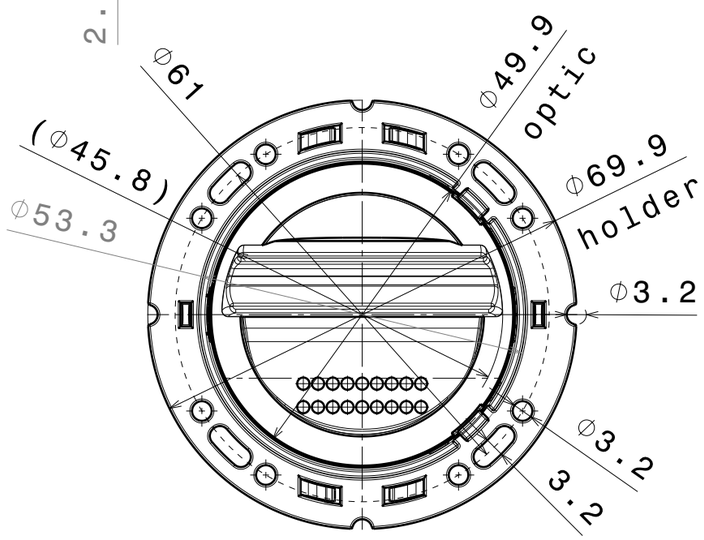
Bottom view

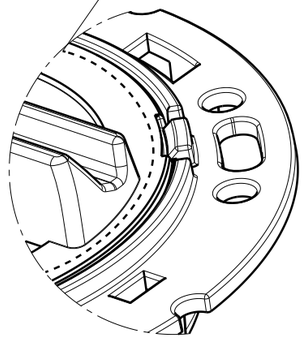


Front view

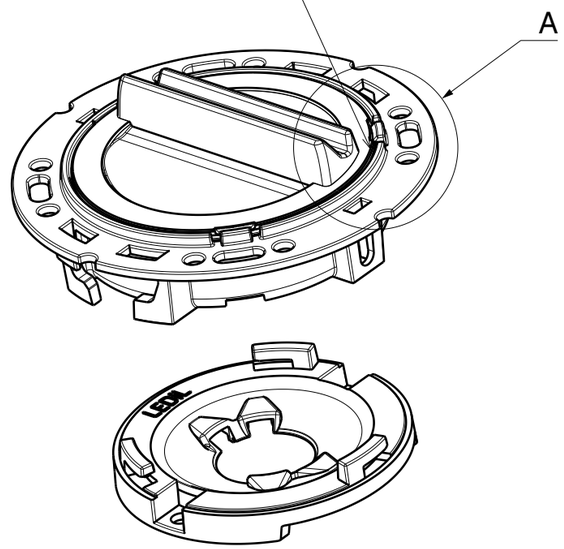


Top view





Detail A



Isometric view

* Ensure from 3d according specific optic version

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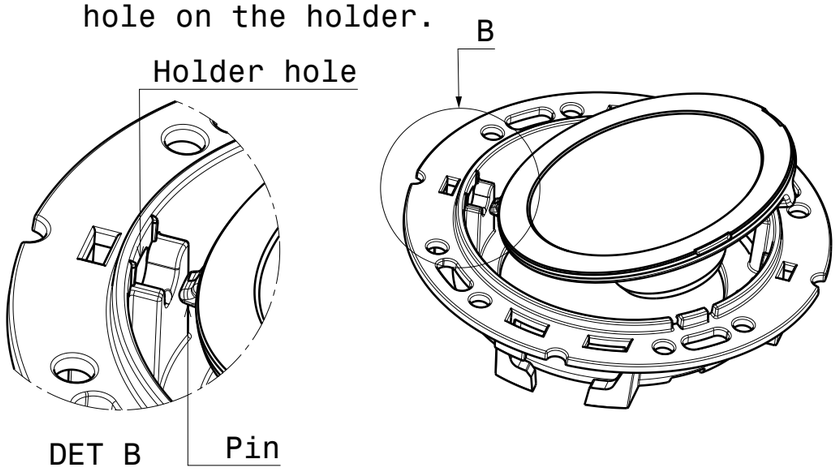
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DRAWING TITLE
RONDA-family

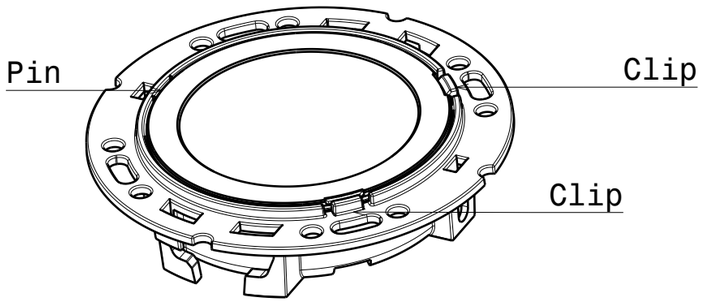
SIZE	PART NUMBER			
A3	-			
SCALE 1:1	WEIGHT -		SHEET 2/3	

OPTIC/HOLDER ASSEMBLY

1. Place pin on the side of the lens into relative hole on the holder.



2. Press the lens under clips on the holder, ensuring both clips are fixed.



TYPICAL CONNECTOR ASSEMBLY (including solderless BENDER WIRTH as example)

1. Ensure correct relation of clamp and connector before screwing. Recommended torque 0.6Nm.

2. Assemble LED, BENDER&WIRTH connector and C13658_CLAMP-VERO13-18 clamp on heatsink with M3 screw.

3. Attach optic by aligning the holes in the holder with hooks and turning the optic holder clockwise until it locks.

Bender&Wirth model 4xx Typ L1

Align clamp positioning pin with holes in the connector.

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DRAWING TITLE
RONDA-family

SIZE A3 | PART NUMBER -

SCALE 1:1 | WEIGHT - | SHEET 3/3

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.