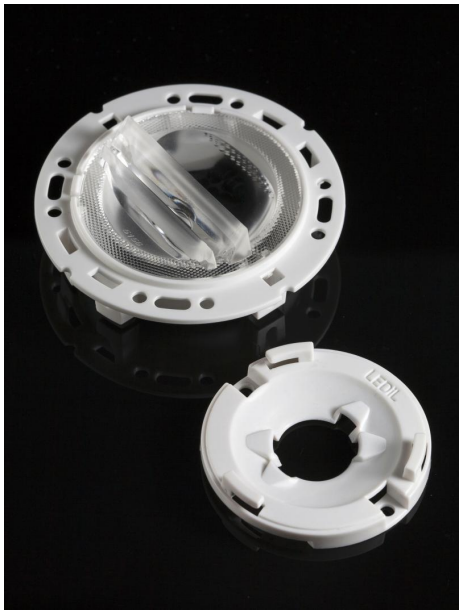
PRODUCT DATASHEET
Ronda series
last update 21/7/2016

DETAILS



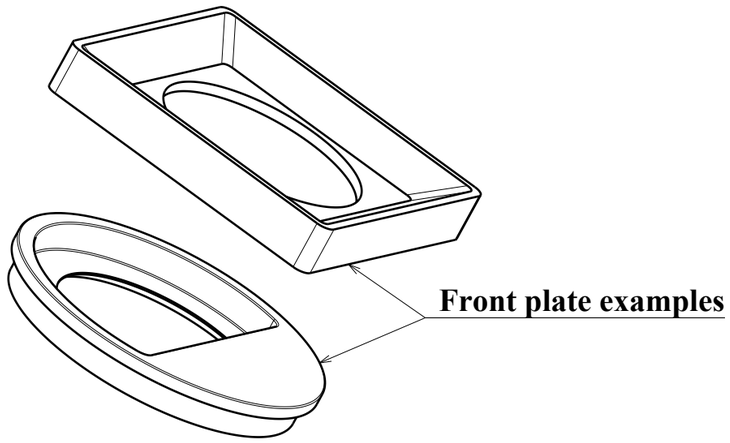
Product Number	FCN15209_RONDA-WAS
Family	Ronda
Type	Assembly
Color	white
Diameter	69,9 mm
Height	25,42 mm
Style	round
Optic Material	
Holder Material	
Fastening	snaps, socket, clips, screw
Status	production ready
ROHS Comliant	Yes
Date Updated	21/07/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
V10 Gen6	sim: Asymmetric	Asymmetric	sim: 84 %	sim: 1.050	LEDiL: LEDiL
CXA/B 15xx	Asymmetric deg	Asymmetric	91 %	0.950	LEDiL: LEDiL
CXA/B 1816 & CXA/B 1820 & CXA 1850	sim: Asymmetric	Asymmetric	sim: 86 %	sim: 0.900	LEDiL: LEDiL
CXA/B 1830	sim: Asymmetric	Asymmetric	sim: 85 %	sim: 0.860	LEDiL: LEDiL
Soleriq S13	sim: Asymmetric	Asymmetric	sim: 82 %	sim: 0.750	LEDiL: LEDiL

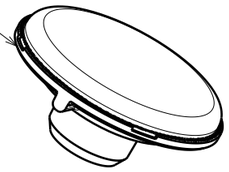
Ledil Oy
Salorankatu 10
24240 SALO, Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



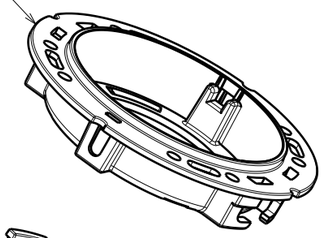
Front plate examples

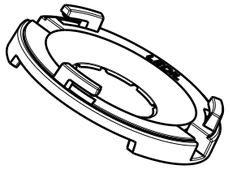
D=49.9



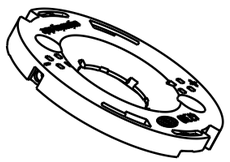
Optic

D=69.9mm





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



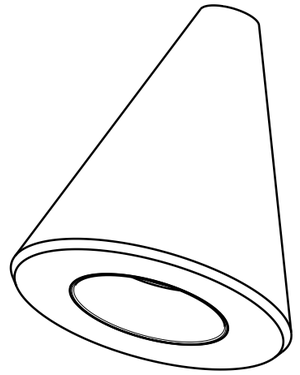
BJB and Stucchi 50mm (holder B)



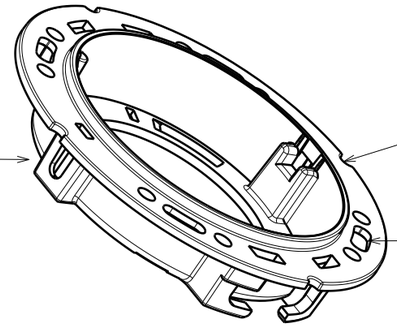
LES size up to ~14mm, see compatibility www.ledil.com



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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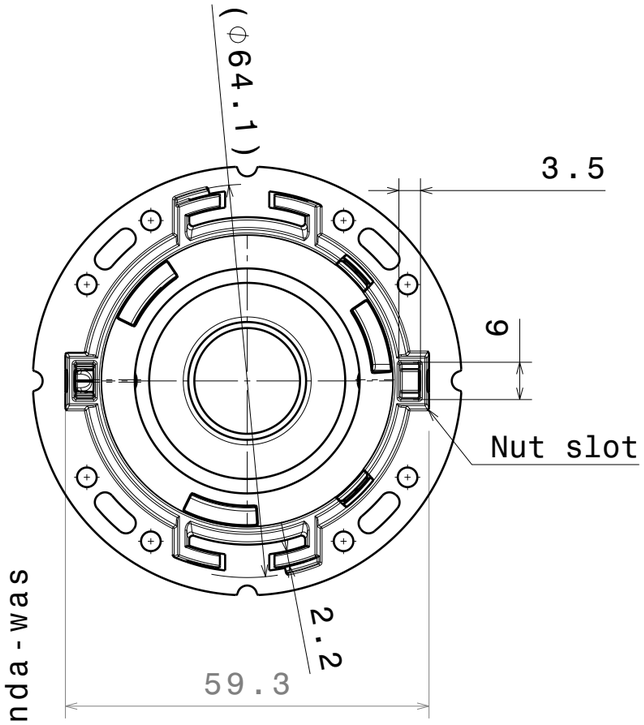
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
RONDA-family

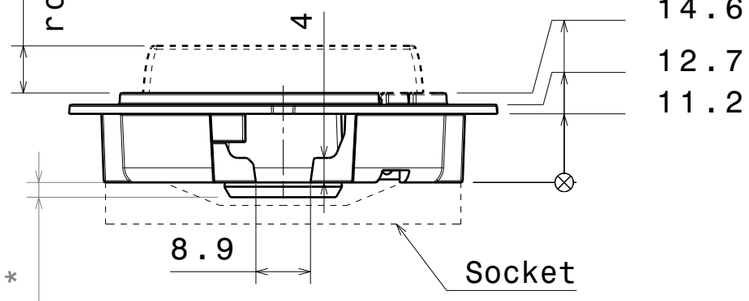
SIZE A3 | PART NUMBER -

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

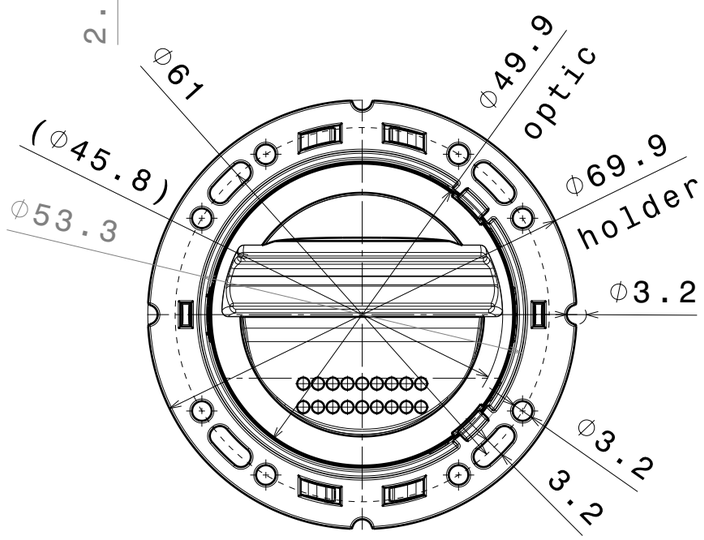
Bottom view

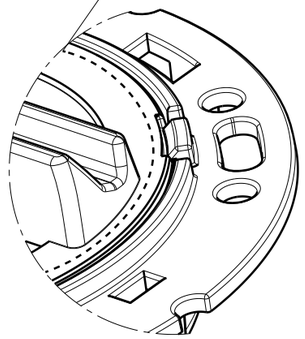


Front view

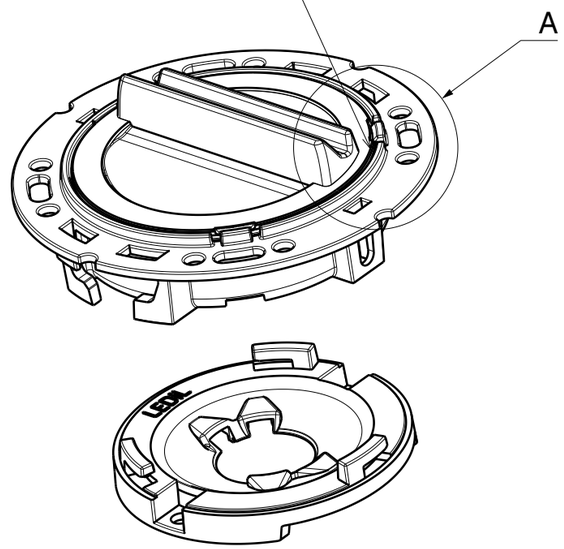


Top view





Detail A



Isometric view

* Ensure from 3d according specific optic version

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

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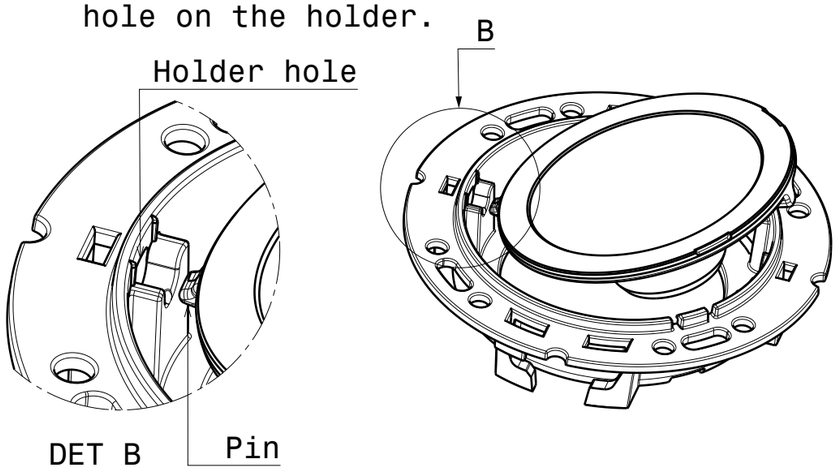
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
RONDA-family

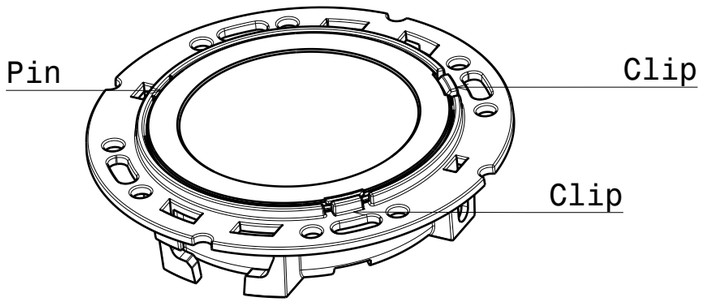
SIZE	PART NUMBER			
A3	-			
SCALE 1:1	WEIGHT -		SHEET 2/3	

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.

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

THIRD ANGLE PROJECTION:

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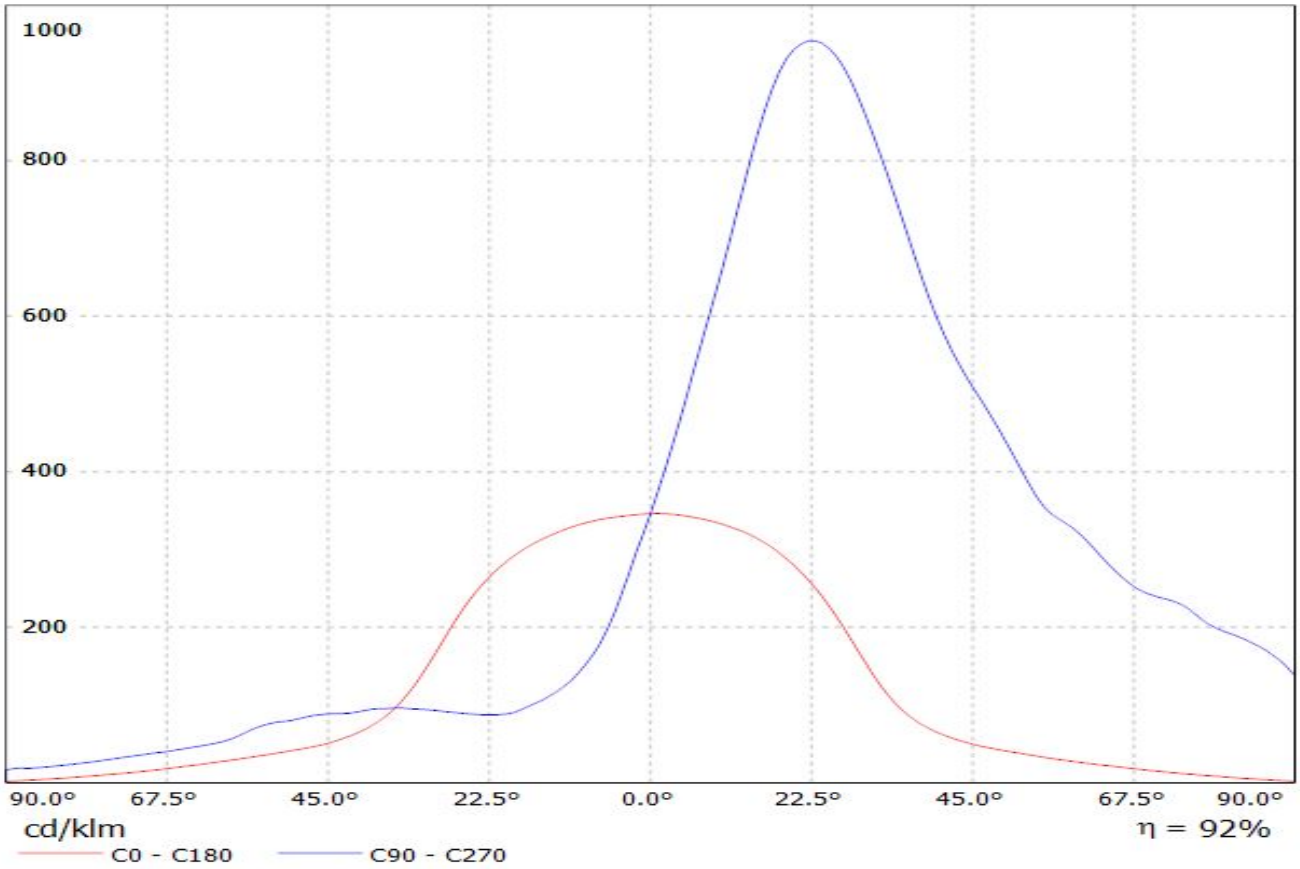
LEDiL
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Finland

DRAWING TITLE
RONDA-family

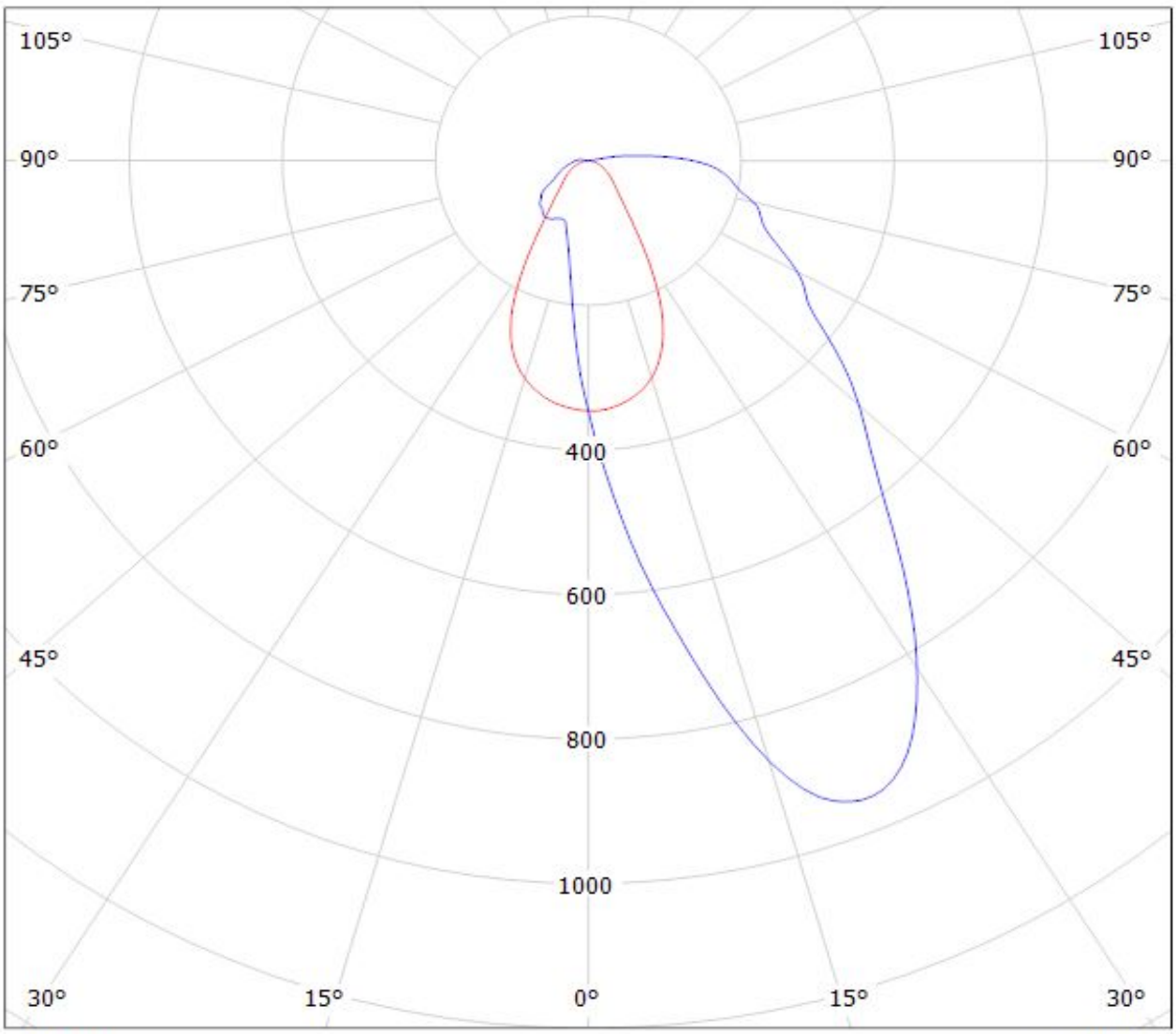
SIZE A3 | PART NUMBER -

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

Luminaire: LEDiL Oy F15156_RONDA-WAS_(CXA1520)
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-N0H-0001)_982.885lm@250mA_P=8.57638W_I=0.250A



Luminaire: LEDiL Oy F15156_RONDA-WAS_(CXA1520)
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-N0H-0001)_982.885lm@250mA_P=8.57638W_I=0.250A



cd/klm

η = 92%

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.