

DETAILS

Product Number	FN15381_RONDA-WWW
Family	Ronda
Type	Assembly
Color	white
Diameter	69,9 mm
Height	14,6 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	25/08/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		
	Angle	Beam	ciency	cd/lm	Connector
CXA/B 1816 & CXA/B 1820 & CXA 1850	sim: 84	WWW-class	sim: 84 %	sim: 0.000	TE: 2213401-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
LUXEON CoB 1202/1203	sim: 82	WWW-class	sim: 86 %	sim: 0.000	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
NSBxL066A/NFCxL036B	sim: 83	WWW-class	sim: 86 %	sim: 0.000	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
NSBxL110	sim: 84	WWW-class	sim: 85 %	sim: 0.000	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
NSCxL036A	sim: 85	WWW-class	sim: 87 %	sim: 0.000	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
LC040C	74 deg	WWW-class	85 %	0.550	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1

H

G

F

E

D

C

B

A

4

3

2

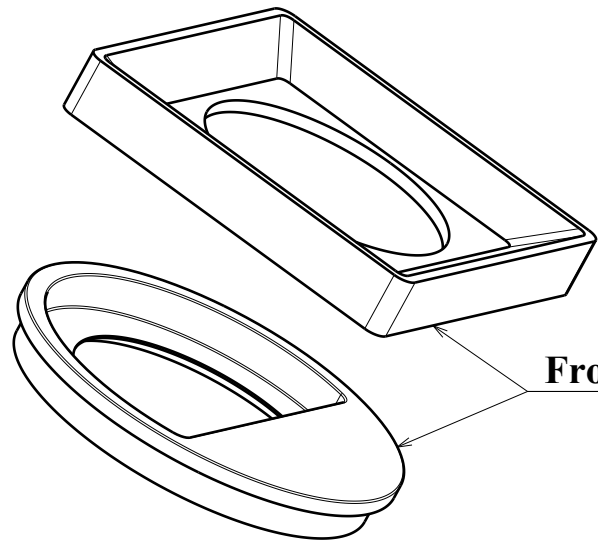
1

4

3

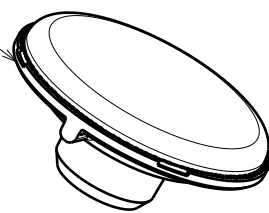
2

1



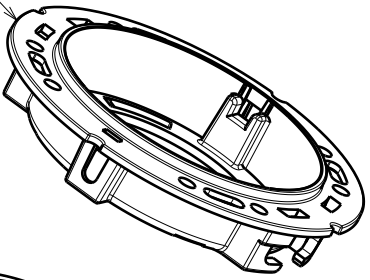
Front plate examples

D=49.9

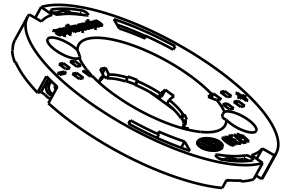
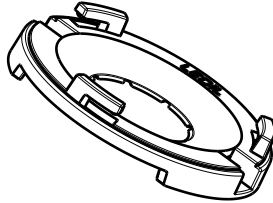


Optic

D=69.9mm



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

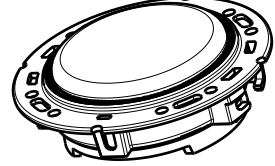
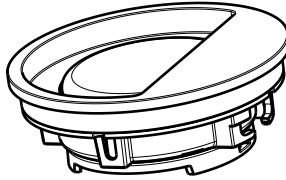
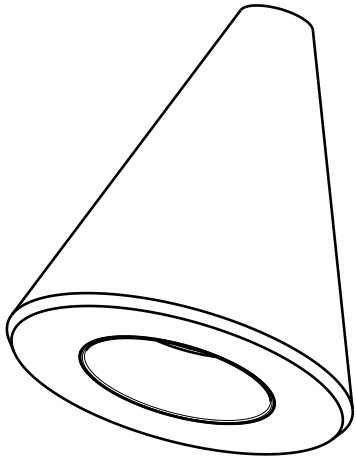


BJB and Stucchi 50mm (holder B)



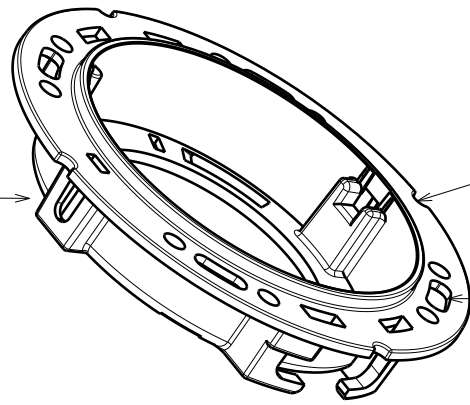
LES size up to ~14mm, see compatibility www.ledil.com

See more details on page 2 and 3



Examples

Horizontal fix: M3 Nut + bolt



Rotation fix

Vertical fix: M3 Screw / Twist and lock / Snap

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

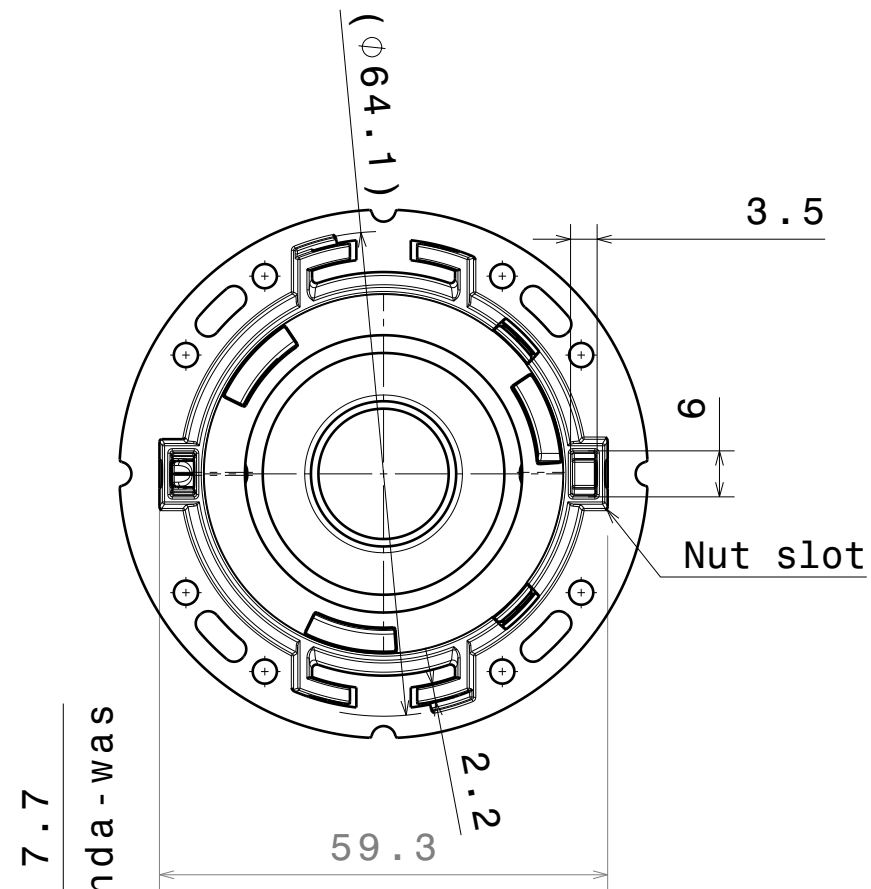
H

G

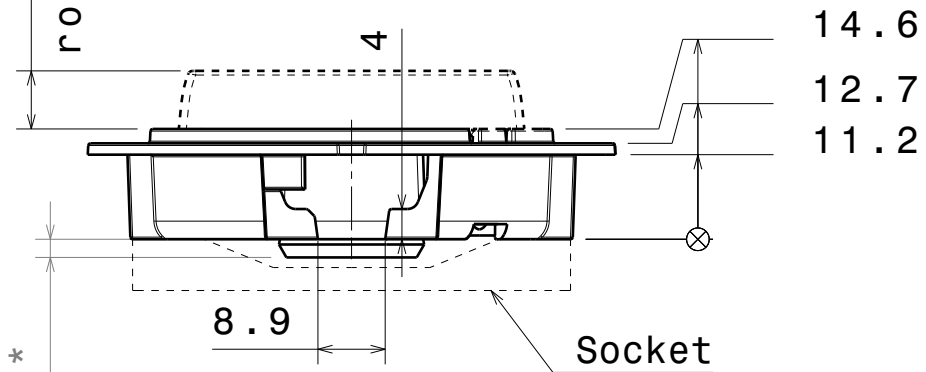
B

A

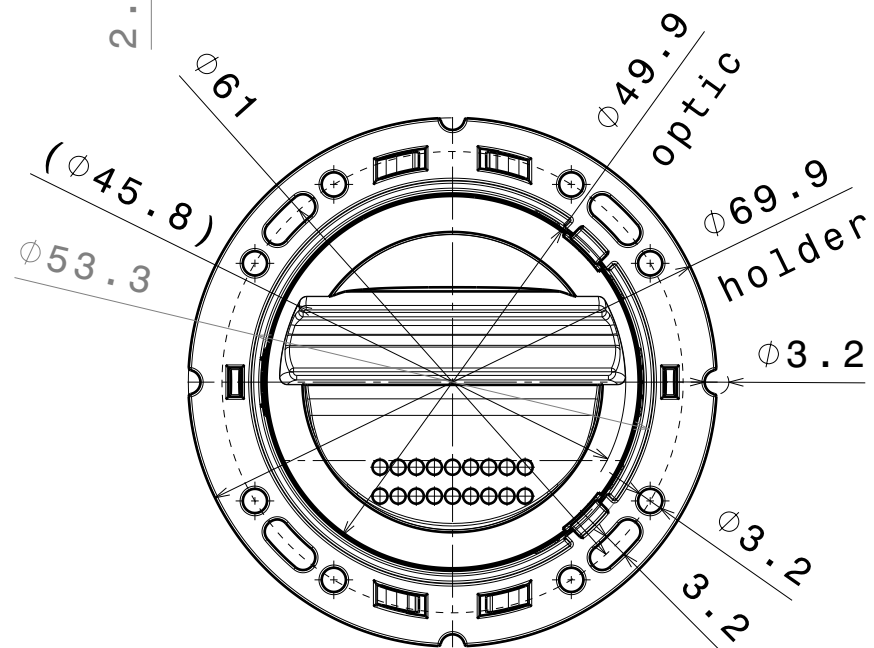
Bottom view



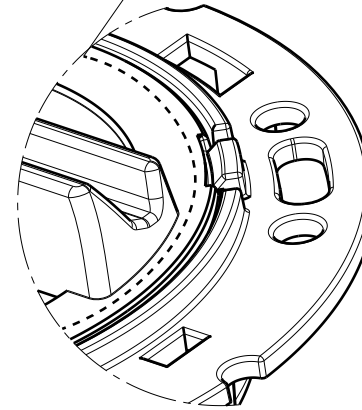
Front view



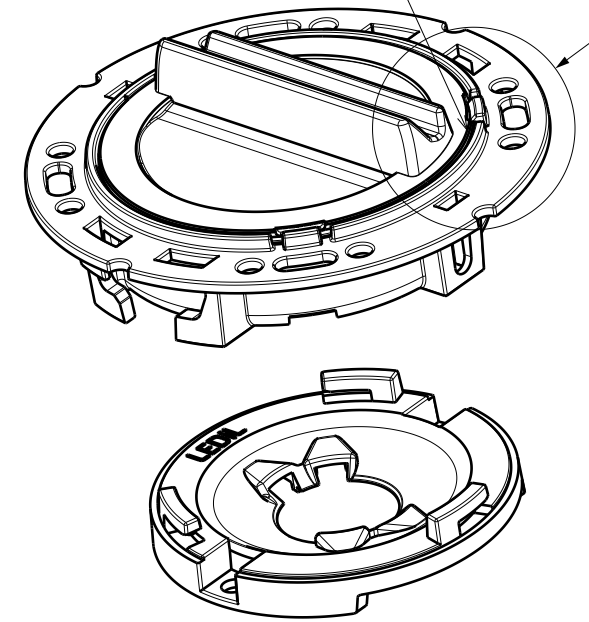
Top view



Front panel location suggestion when seamless look needed

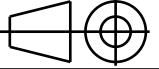


Detail A



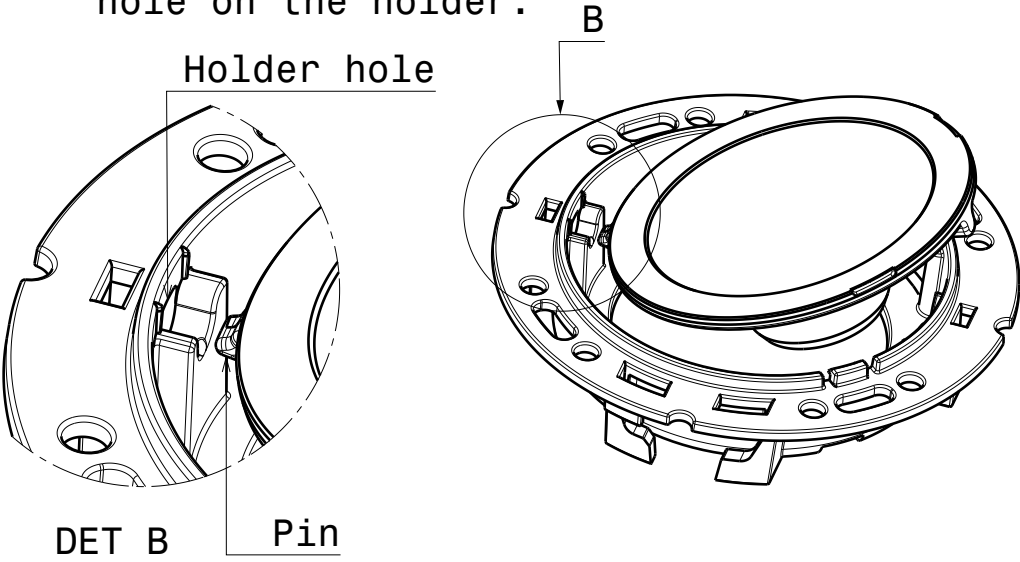
Isometric view

* Ensure from 3d according specific optic version

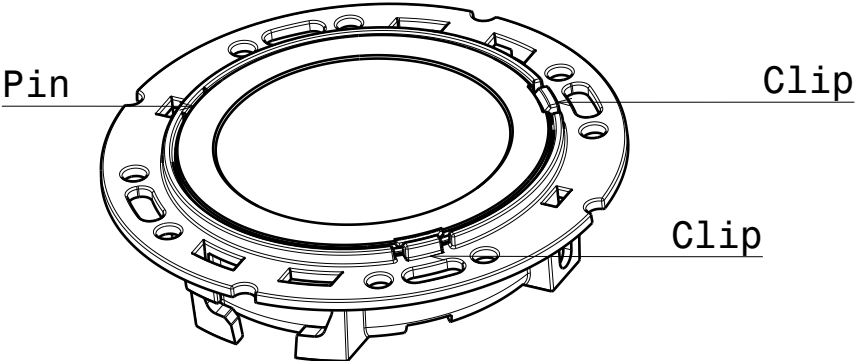
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION: 		DRAWING TITLE RONDA-family	
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		SCALE 1:1	WEIGHT - SHEET 2/3

OPTIC/HOLDER ASSEMBLY

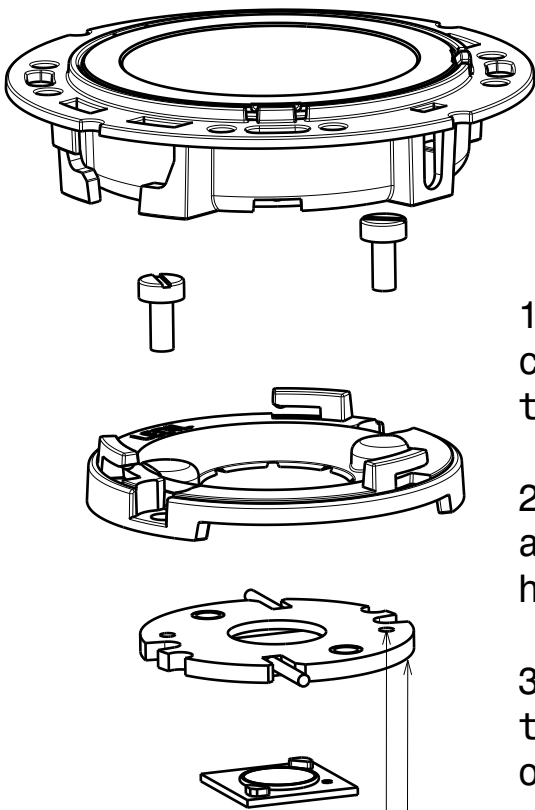
1. Place pin on the side of the lens into relative hole on the holder.



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-VER013-18 clamp on heatsink with M3 screw.

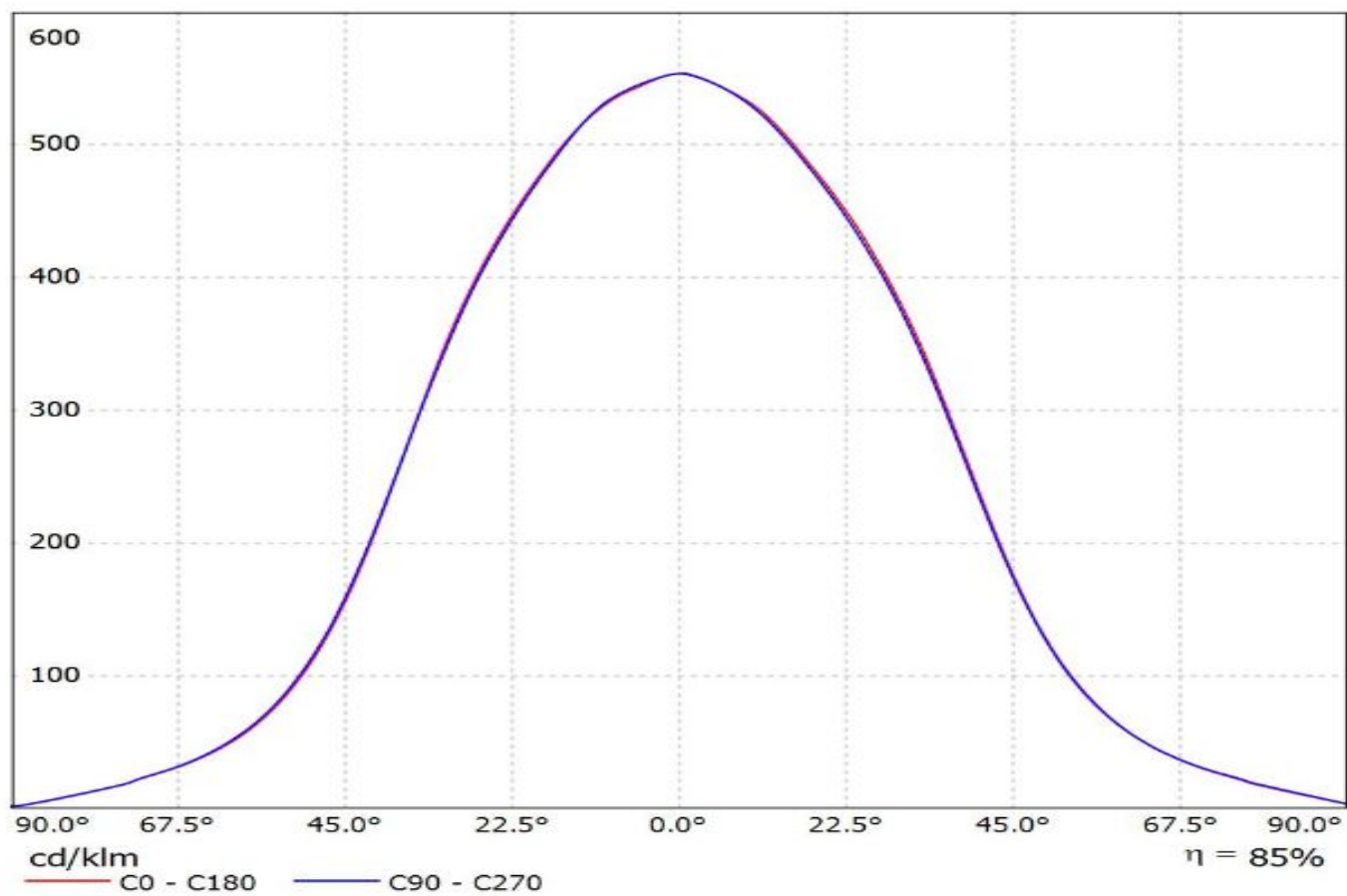
3. Attach optic by aligning the holes in the holder with hooks and turning the optic holder clockwise until it locks.

Bender&Wirth model 4xx Typ L1

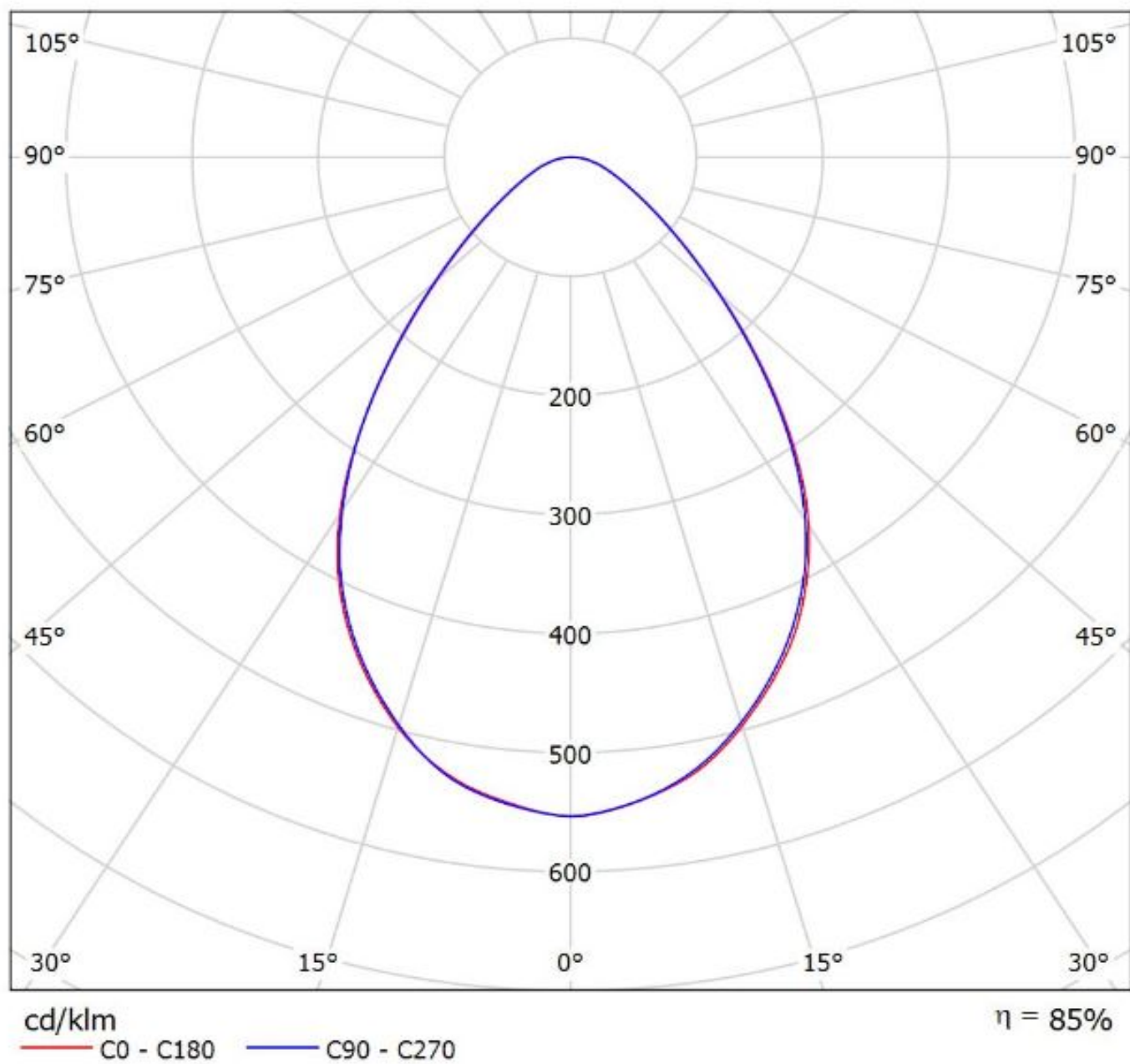
Align clamp positioning pin with holes in the connector.

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THIRD ANGLE PROJECTION: 		DRAWING TITLE RONDA-family	
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		SCALE 1:1	WEIGHT - SHEET 3/3

Luminaire: Ledil FN15381_RONDA-WWW_(LC040C+TE)
Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W



Luminaire: Ledil FN15381_RONDA-WWW_(LC040C+TE)
Lamps: 1 x Samsung_LC040C_+_2213382-2_+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W



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.