

DETAILS

Product Number	FN15622_RONDA-REC-60
Family	Ronda
Type	Pack
Color	clear
Diameter	69,9 mm
Height	14,6 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	socket
Status	production ready
ROHS Compliant	Yes
Date Updated	30/06/2017



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
H9	NULL deg	REC-class	sim: 91 %	-	LEDiL: LEDiL
H9	NULL deg	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	NULL deg	REC-class	sim: 90 %	-	Bender Wirth: 434 Typ L1
CLU710/711	NULL deg	REC-class	sim: 90 %	-	Bender Wirth: 470 Typ L1
CXA/B 15xx	NULL deg	REC-class	sim: 89 %	-	Bender Wirth: 441 Typ L1
CXA/B 13xx	NULL deg	REC-class	sim: 90 %	-	Bender Wirth: 448 Typ L1
LUXEON CoB 1202s	NULL deg	REC-class	sim: 90 %	-	Bender Wirth: 452 Typ L1
NSCXL036A	sim: 58+58	REC-class	sim: 89 %	sim: 0.830	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1
Mini Zenigata (GW6BM)	NULL deg	REC-class	-	-	Bender Wirth: 452 Typ L1
SLE G6 LES15	sim: 51+51	REC-class	sim: 85 %	sim: 0.980	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1

4

3

2

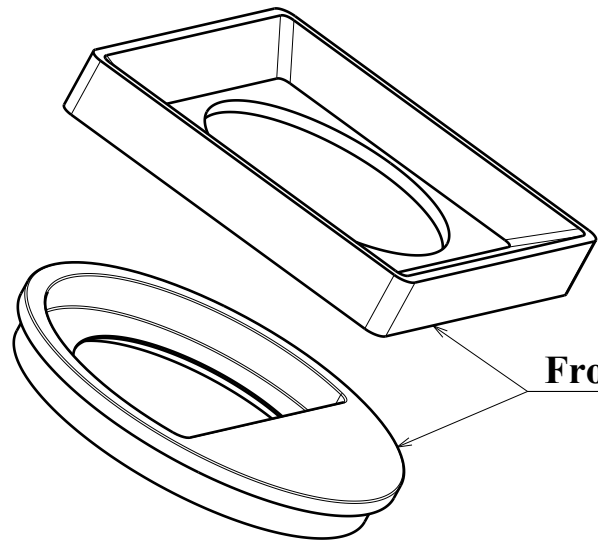
1

4

3

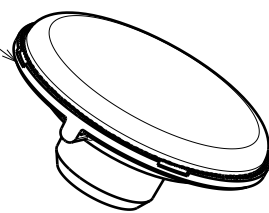
2

1



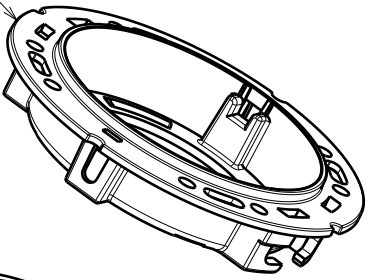
Front plate examples

D=49.9

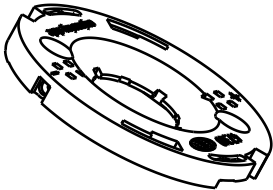
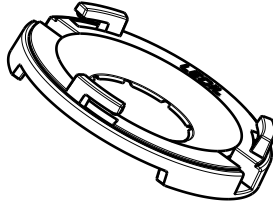


Optic

D=69.9mm



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

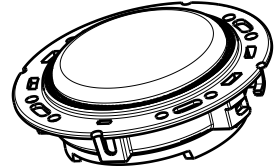
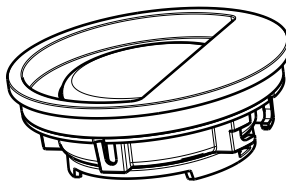
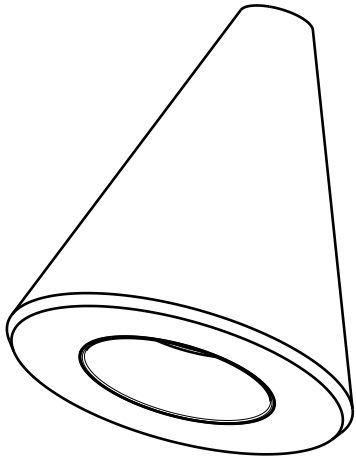


BJB and Stucchi 50mm (holder B)



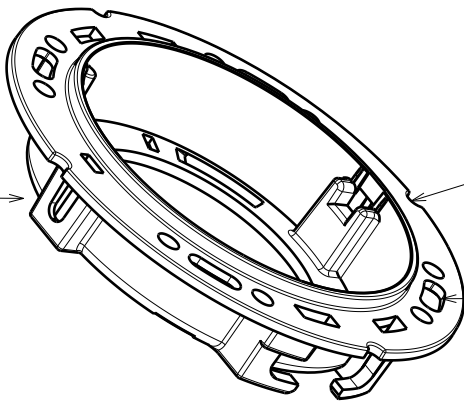
LES size up to ~14mm, see compatibility www.ledil.com

See more details on page 2 and 3



Examples

Horizontal fix: M3 Nut + bolt

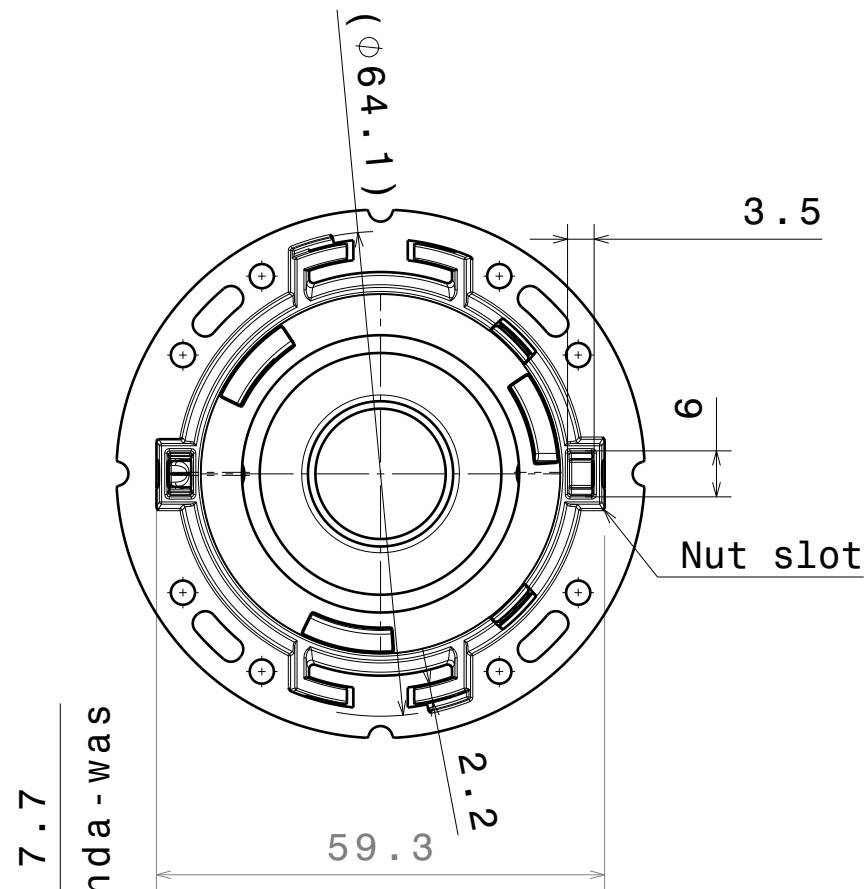


Rotation fix

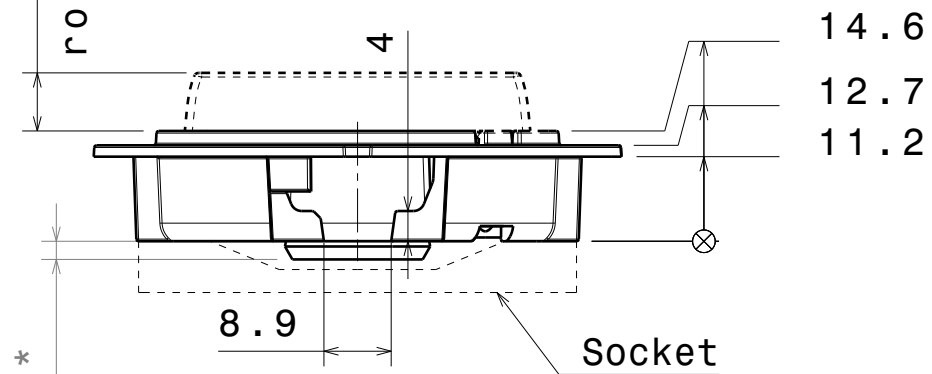
Vertical fix: M3 Screw / Twist and lock / Snap

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		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION:		DRAWING TITLE RONDA-family	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER -
		SCALE 1:1	WEIGHT - SHEET 1/3

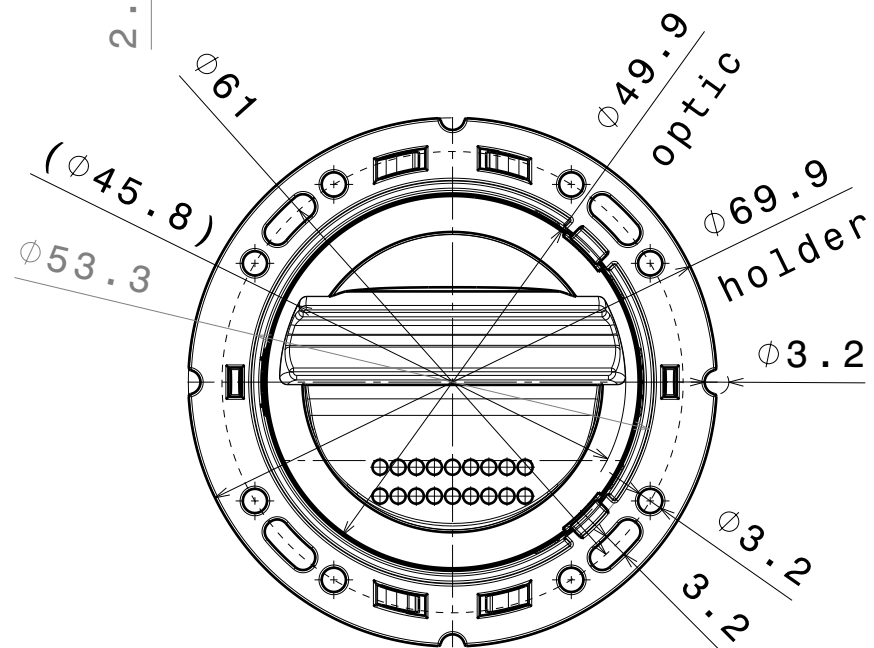
Bottom view



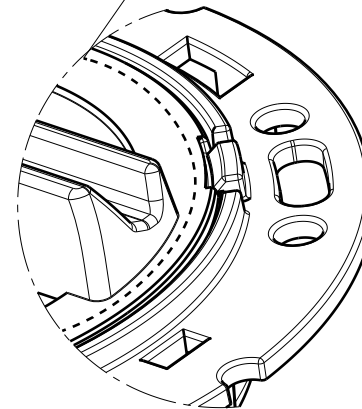
Front view



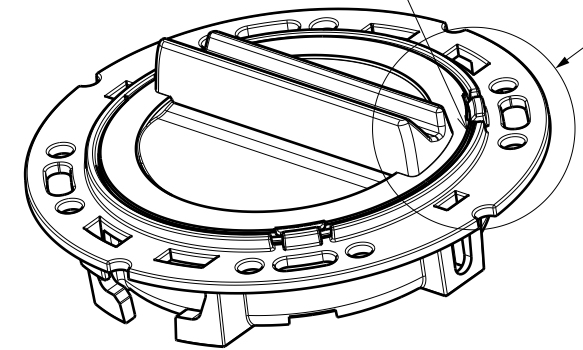
Top view



Front panel location suggestion when seamless look needed

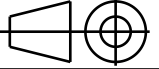


Detail A



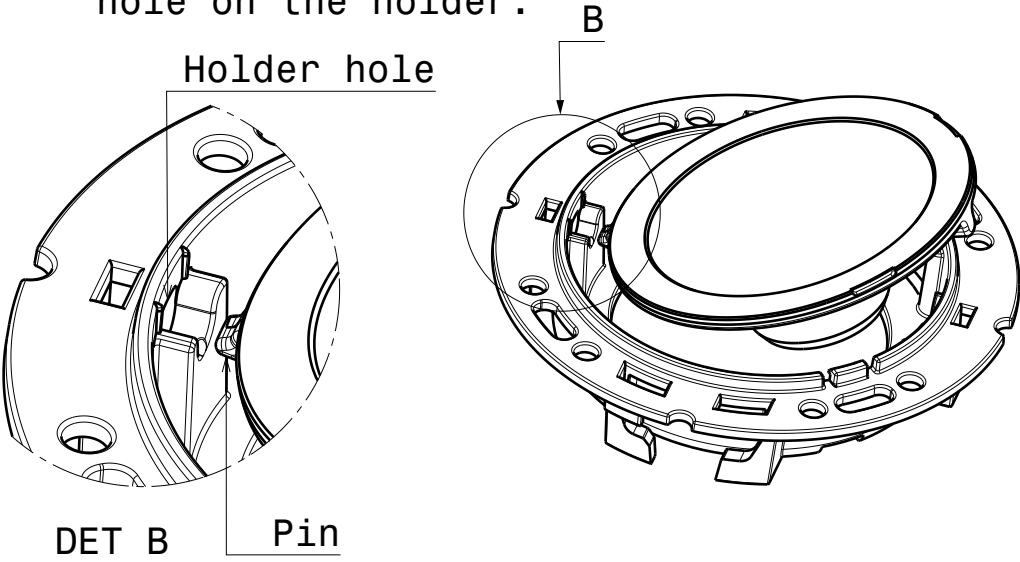
Isometric view

* Ensure from 3d according specific optic version

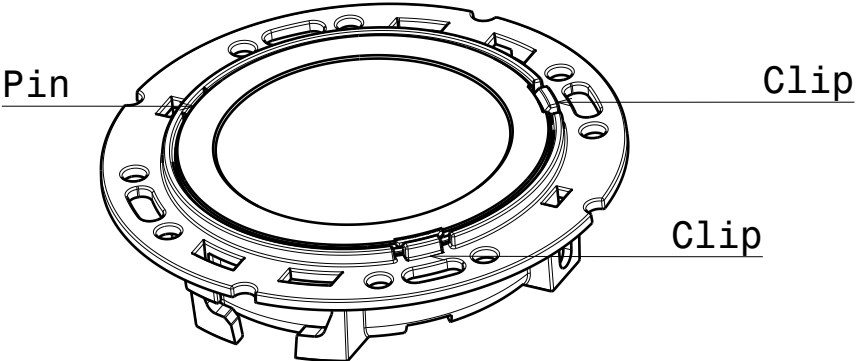
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION: 		DRAWING TITLE RONDA-family	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER -
		SCALE 1:1	WEIGHT -
		SHEET 2/3	

OPTIC/HOLDER ASSEMBLY

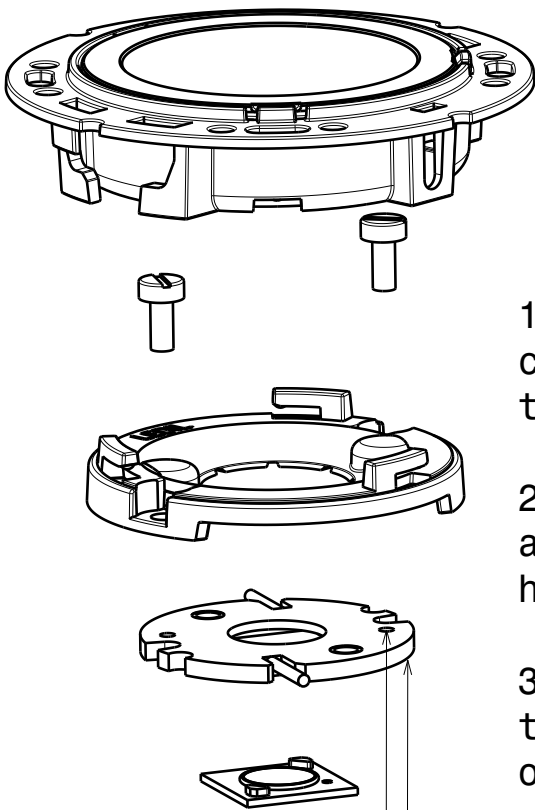
1. Place pin on the side of the lens into relative hole on the holder.



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.

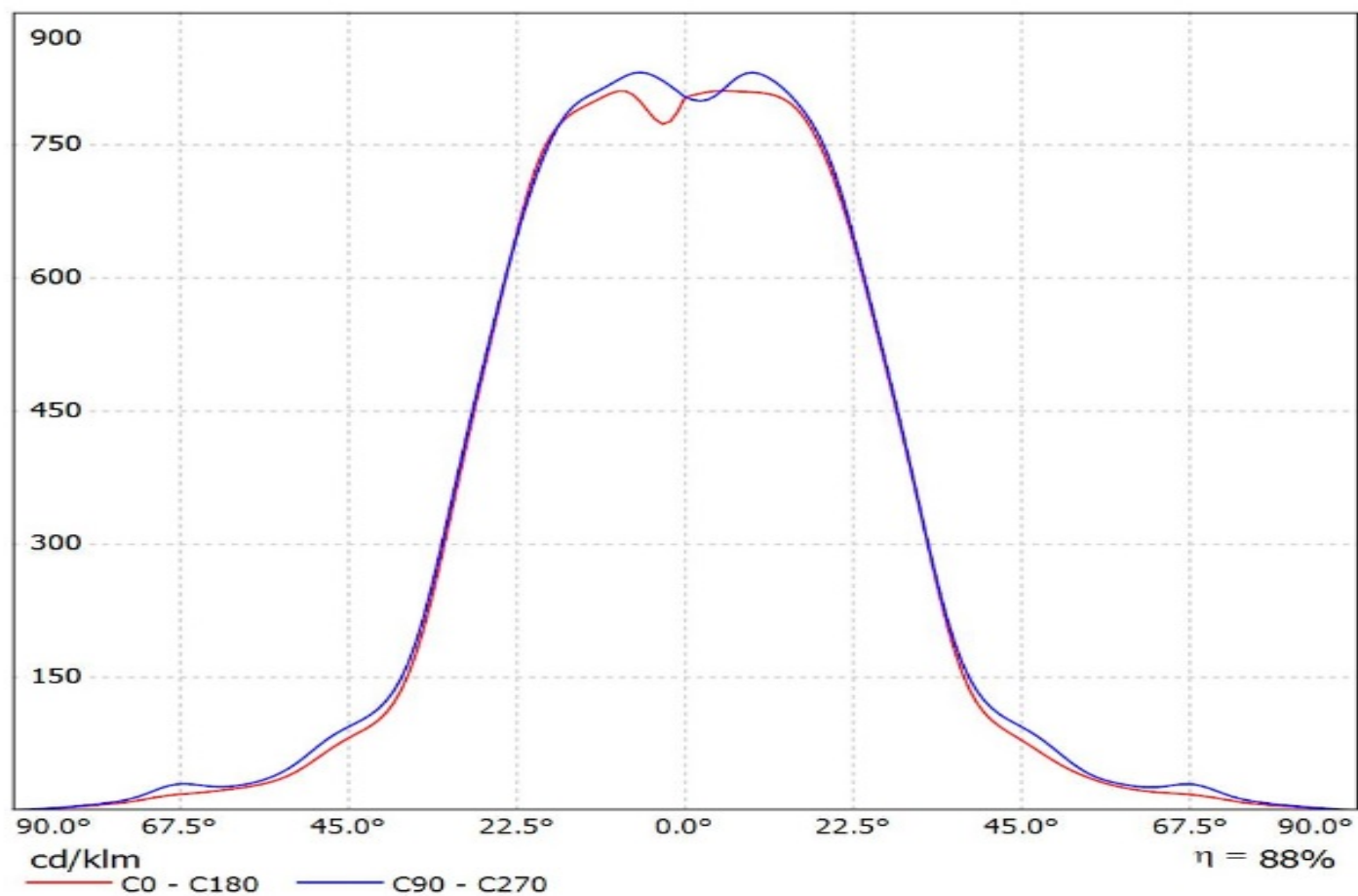
3. Attach optic by aligning the holes in the holder with hooks and turning the optic holder clockwise until it locks.

Bender&Wirth model 4xx Typ L1

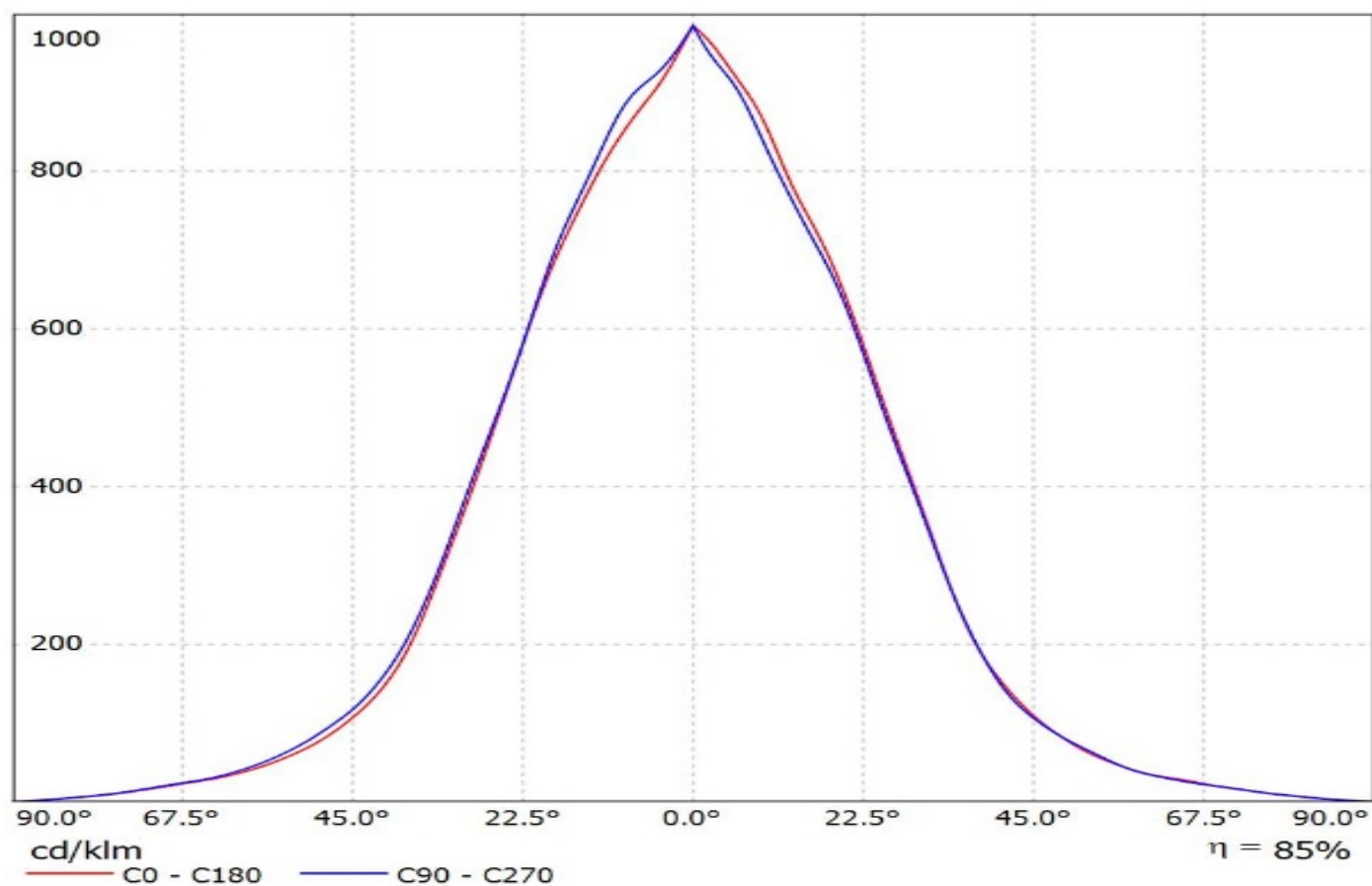
Align clamp positioning pin with holes in the connector.

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	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER -
		SCALE 1:1	WEIGHT - SHEET 3/3

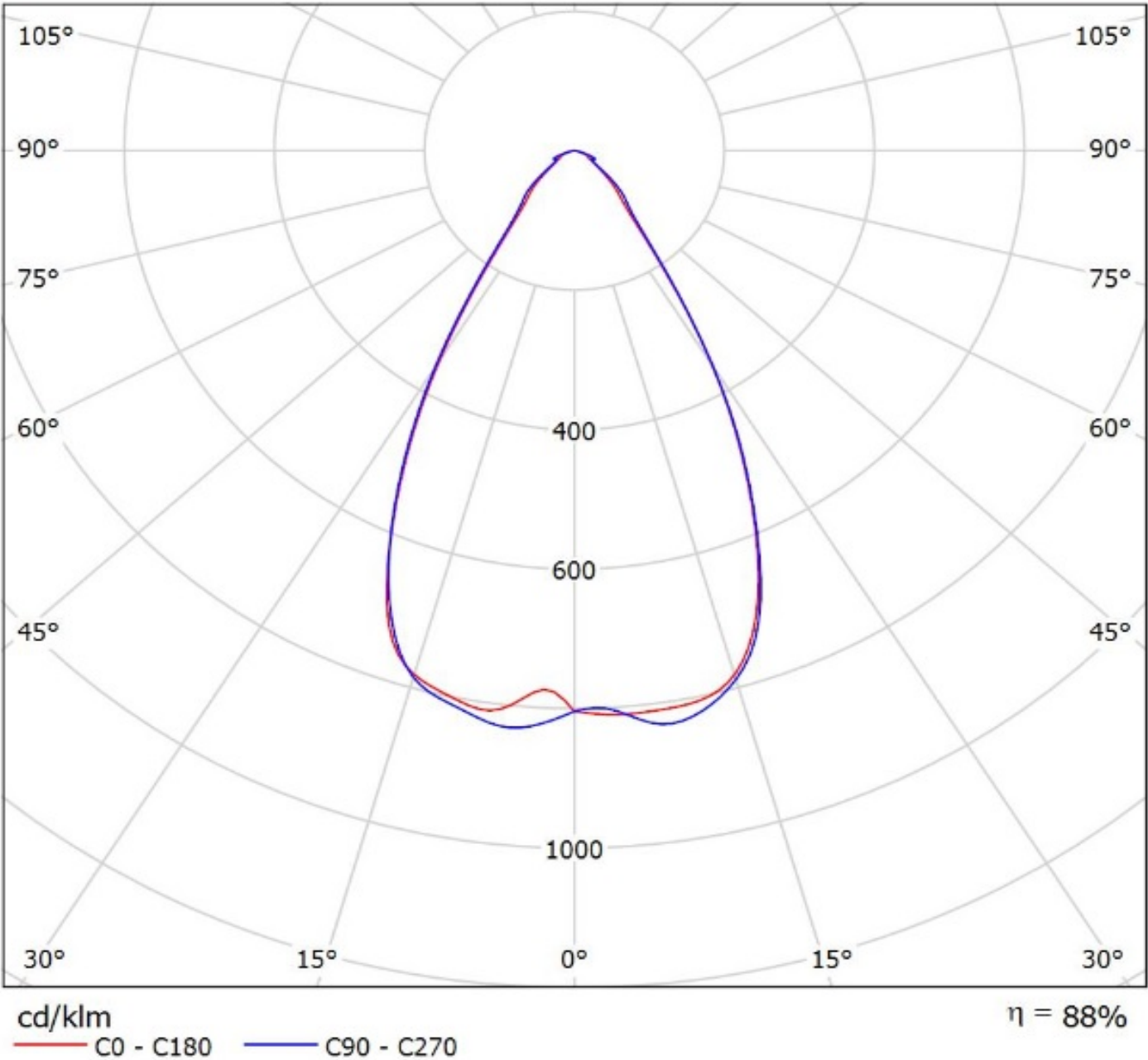
Luminaire: FN15622_RONDA-REC-60_SIMULATED_NSCxL036A
Lamps: 1 x 1000lm



Luminaire: Ledil Oy PRELIMINARY_FN15622_RONDA-REC-60_(SLE_G6_LES15)_(2213254-2+_2213194-1)_SIMULATED
Lamps: 1 x Tridonic SLE G6 LES15 + Tyco Electronics 2213254-2 + TE 2213194-1 Optic clip

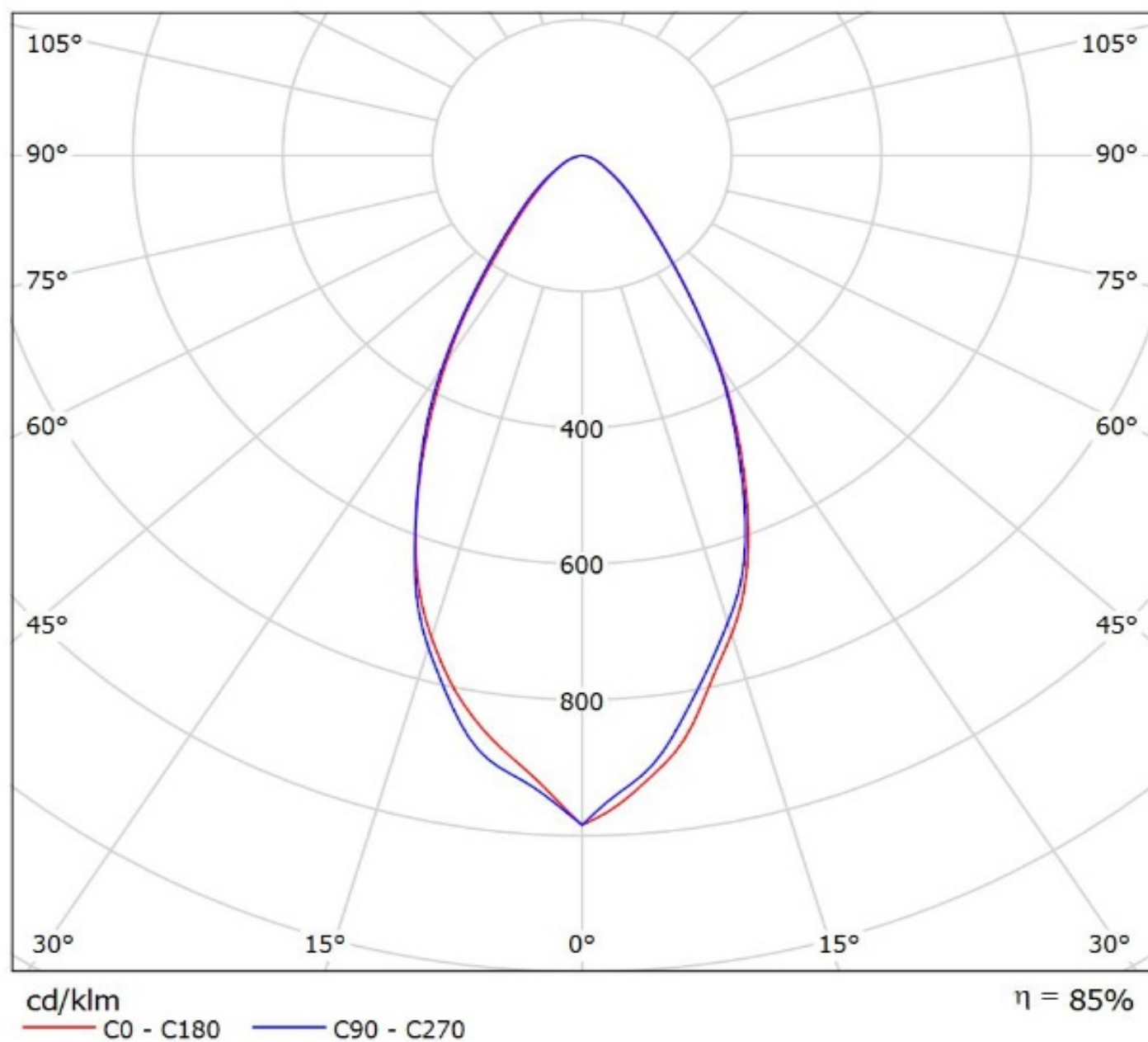


Luminaire: FN15622_RONDA-REC-60_SIMULATED_NSCxL036A
Lamps: 1 x 1000lm



Luminaire: Ledil Oy PRELIMINARY_FN15622_RONDA-REC-60_(SLE_G6_LES15)_(2213254-2+_2213194-1)_SIMULATED

Lamps: 1 x Tridonic SLE G6 LES15 + Tyco Electronics 2213254-2 + TE 2213194-1 Optic clip



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.