

DETAILS

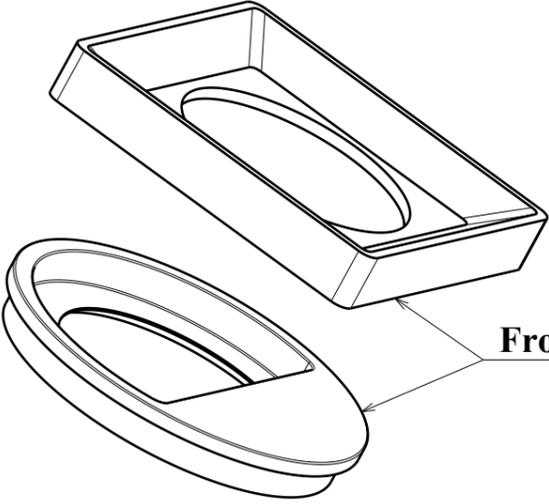
Product Number	FN15737_RONDA-WWW-B
Family	Ronda
Type	Assembly
Color	white
Diameter	69,9 mm
Height	14,6 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	
Status	sample approved
ROHS Compliant	Yes
Date Updated	12/04/2017



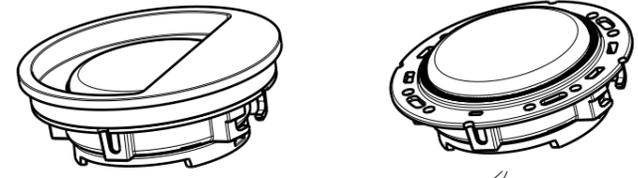
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
H12	sim: 80	Asymmetric	82 %	-	BJB: 47.319.2131
V10 Gen7	sim: 90	Asymmetric	sim: 82 %	sim: 0.440	IDEAL: 50-2002CT
V13 Gen7	78 deg	Asymmetric	88 %	0.520	-
CLL02x/CLU02x (LES10)	sim: 90	Asymmetric	86 %	-	IDEAL: 50-2002CT
CXA/B 1816 & CXA/B 1820 & CXA 1850	sim: 90	Asymmetric	87 %	-	BJB: 47.319.2131
CXA/B 1816 & CXA/B 1820 & CXA 1850	sim: 90	Asymmetric	87 %	-	IDEAL: 50-3001CR
CXA/B 15xx	sim: 90	Asymmetric	87 %	-	IDEAL: 50-2000CR
Mini Zenigata (GW6BM)	sim: 88	Asymmetric	86 %	-	IDEAL: 50-2000P
SLE G6 LES15 H D50	sim: 75	Asymmetric	sim: 80 %	sim: 0.450	-

H G F E D C B A

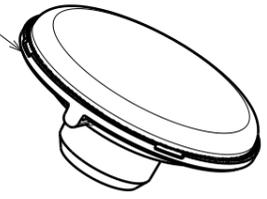


Front plate examples

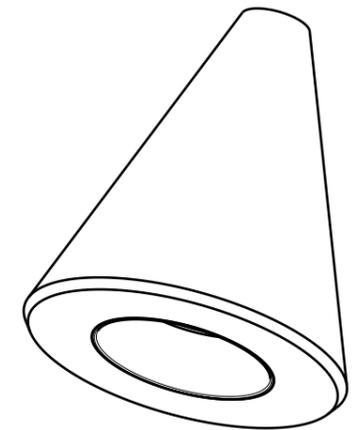


Examples

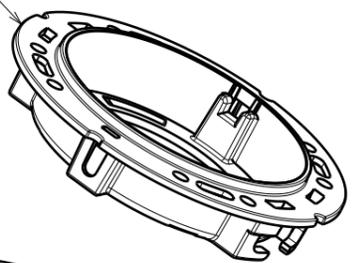
D=49.9



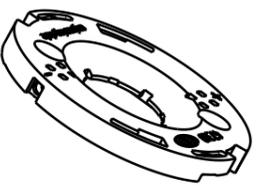
Optic



D=69.9mm

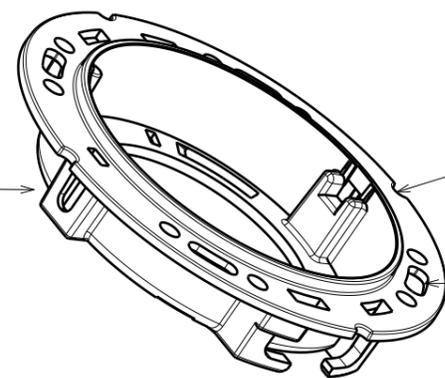


- Holder A**
- Bender-wirth model 4xx Typ L1
 - TE 22xxxxx-2 + 2213194-1
 - Ledil-clamp
 - Other twist and lock



- Holder B**
- BJB 47.319.2xxx 50mm
 - A.A.G. Stucchi 8xxx/G2 50mm
 - Ideal chip lok jr 50-20 & 50-30

Horizontal fix: M3 Nut + bolt



Rotation fix

**Vertical fix: M3 Screw /
Twist and lock / Snap**



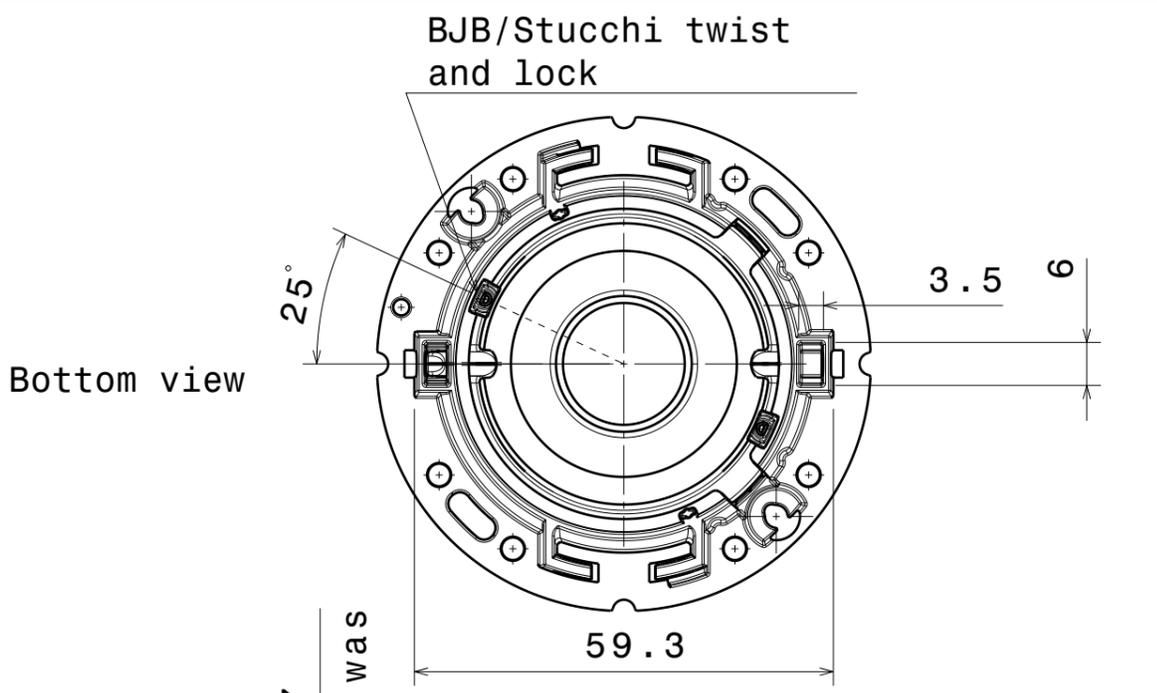
**LES size up to ~14mm, see
compatibility www.ledil.com**

See more details on page 2 and 3

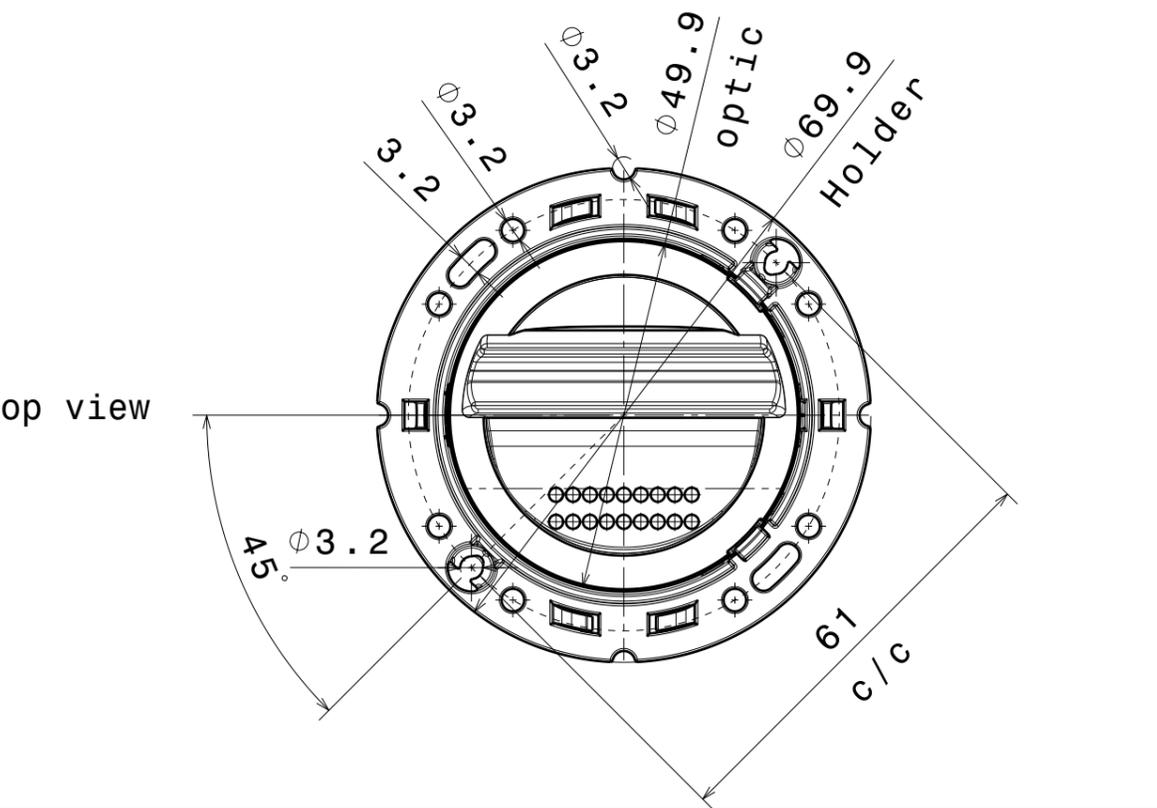
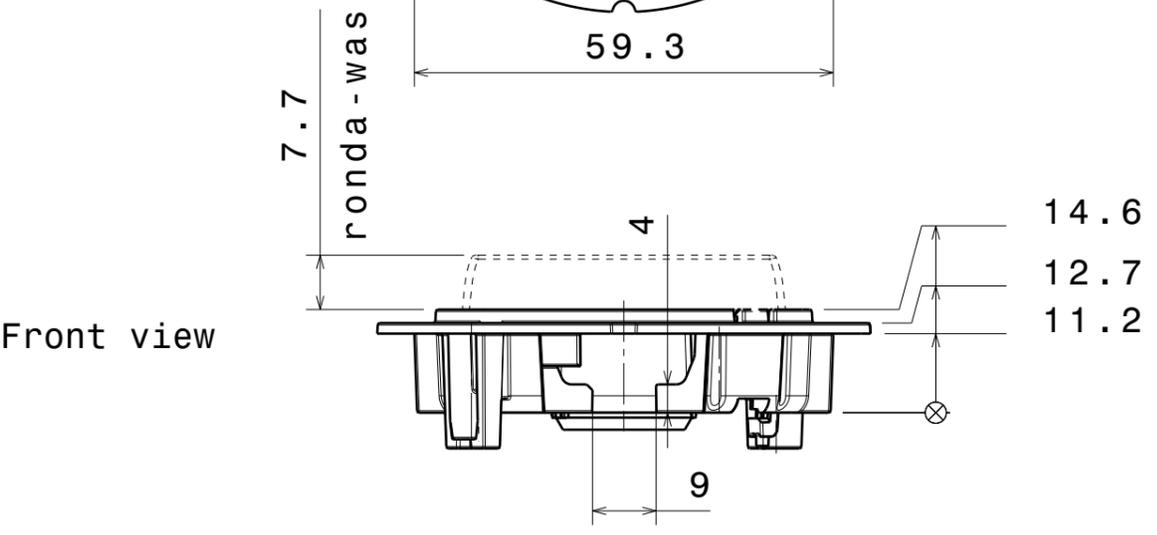
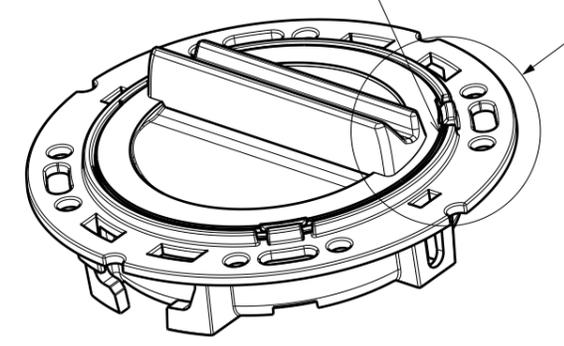
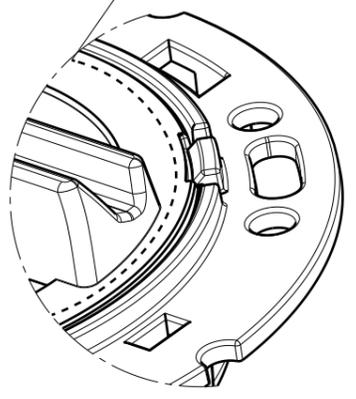
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION:		DRAWING TITLE RONDA-B family	
This drawing is the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

H G B A

H G F E D C B A



Front panel location suggestion when seamless look needed



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

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FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
RONDA-B family

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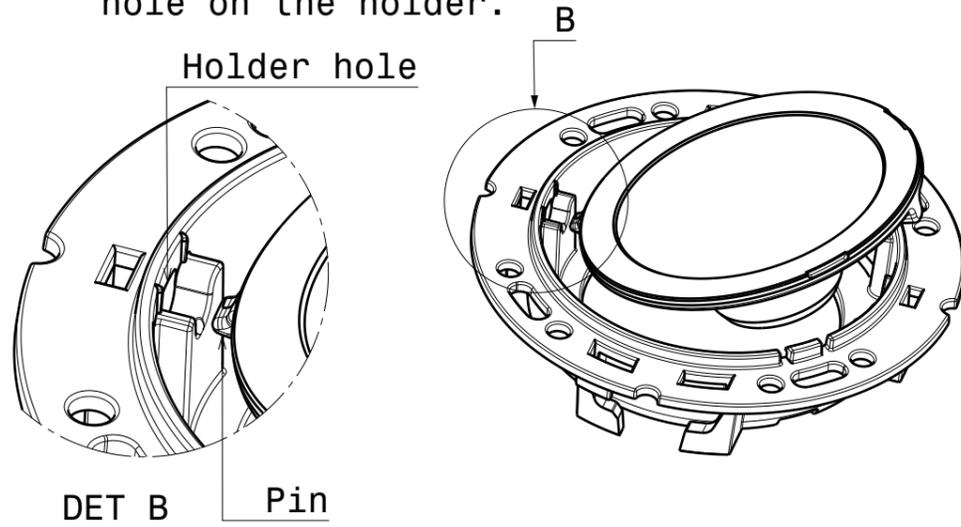
SIZE	PART NUMBER		
A3	-		

SCALE	1:1	WEIGHT	-	SHEET	2/3
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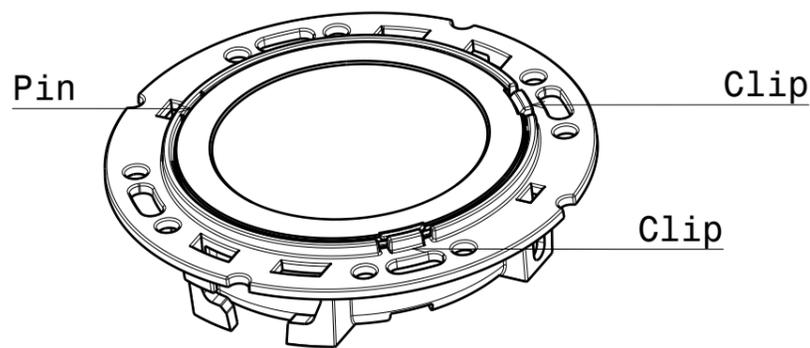
H G F E D C B A

OPTIC/HOLDER ASSEMBLY

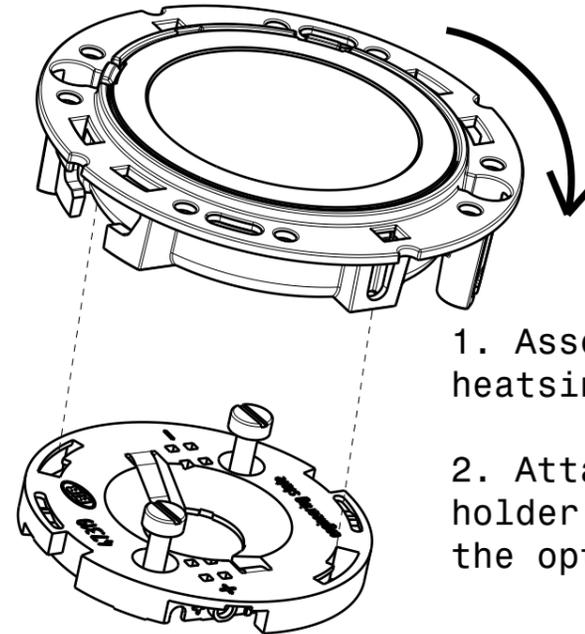
1. Place pin on the side of the lens into relative hole on the holder.



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



TYPICAL CONNECTOR ASSEMBLY (including solderless BJB 47.319.2xxx 50mm as example)



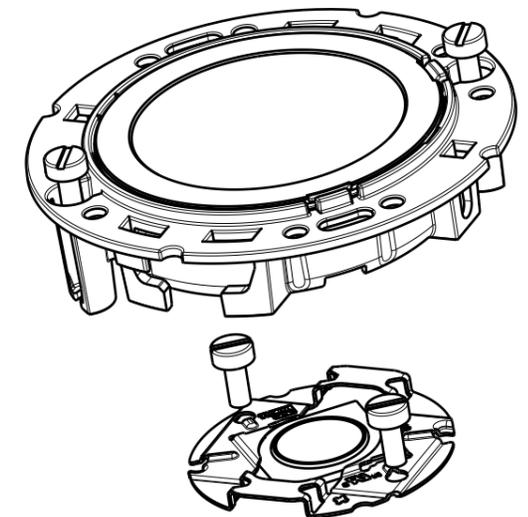
1. Assemble LED and BJB connector on heatsink with M3 screw.

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

TYPICAL CONNECTOR ASSEMBLY (including solderless IDEAL chip lok jr 50-20 as example)

1. Assemble LED and IDEAL connector on heatsink with M3 screw.

2. Attach optic by aligning the screw towers in the holder with relative holes in heatsink. Optionally use 2 position pins in the holder bottom as focus element.



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



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THIRD ANGLE PROJECTION:

DRAWING TITLE

RONDA-B family

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SIZE PART NUMBER

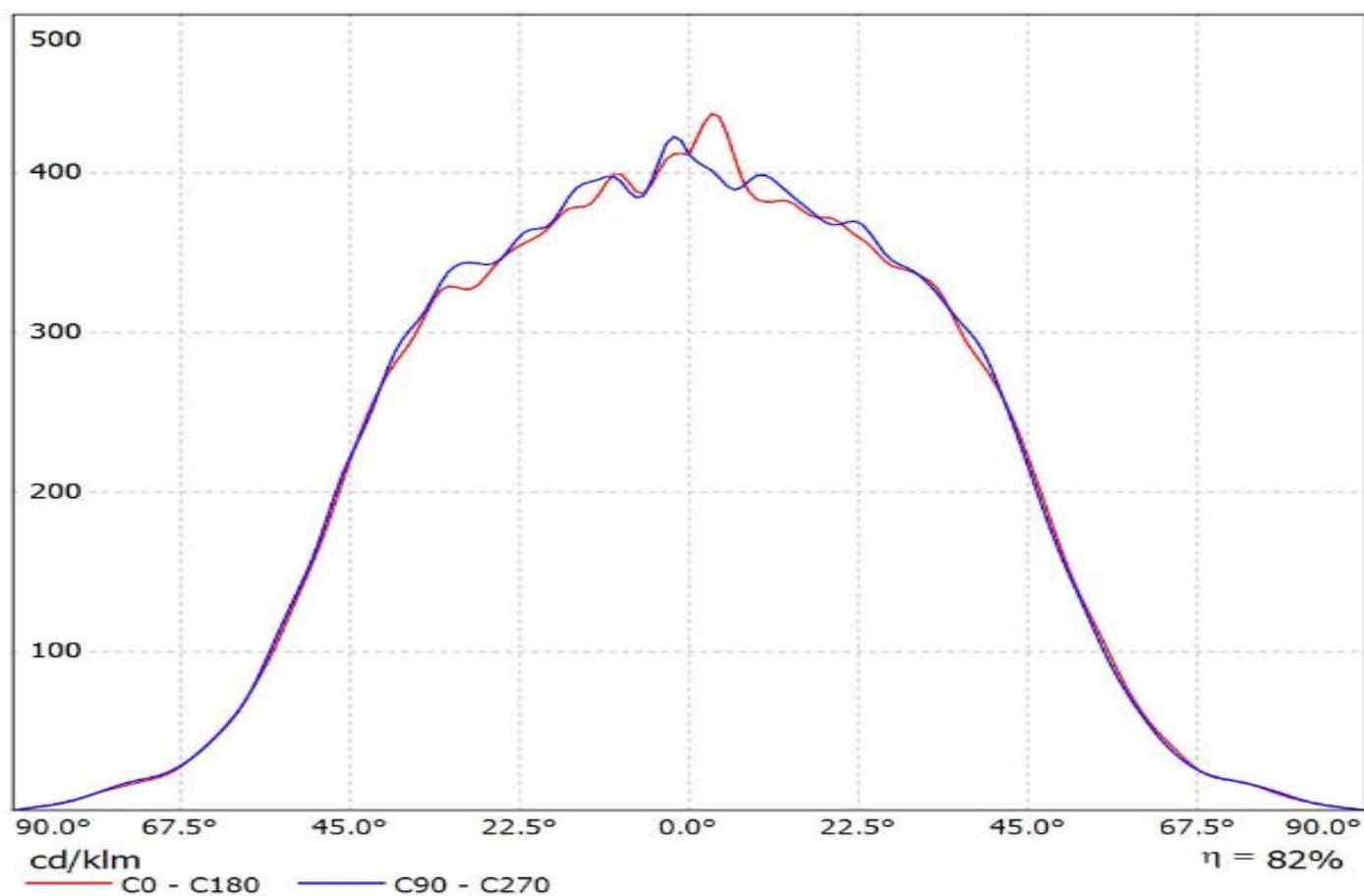
A3

SCALE 1:1 WEIGHT

-

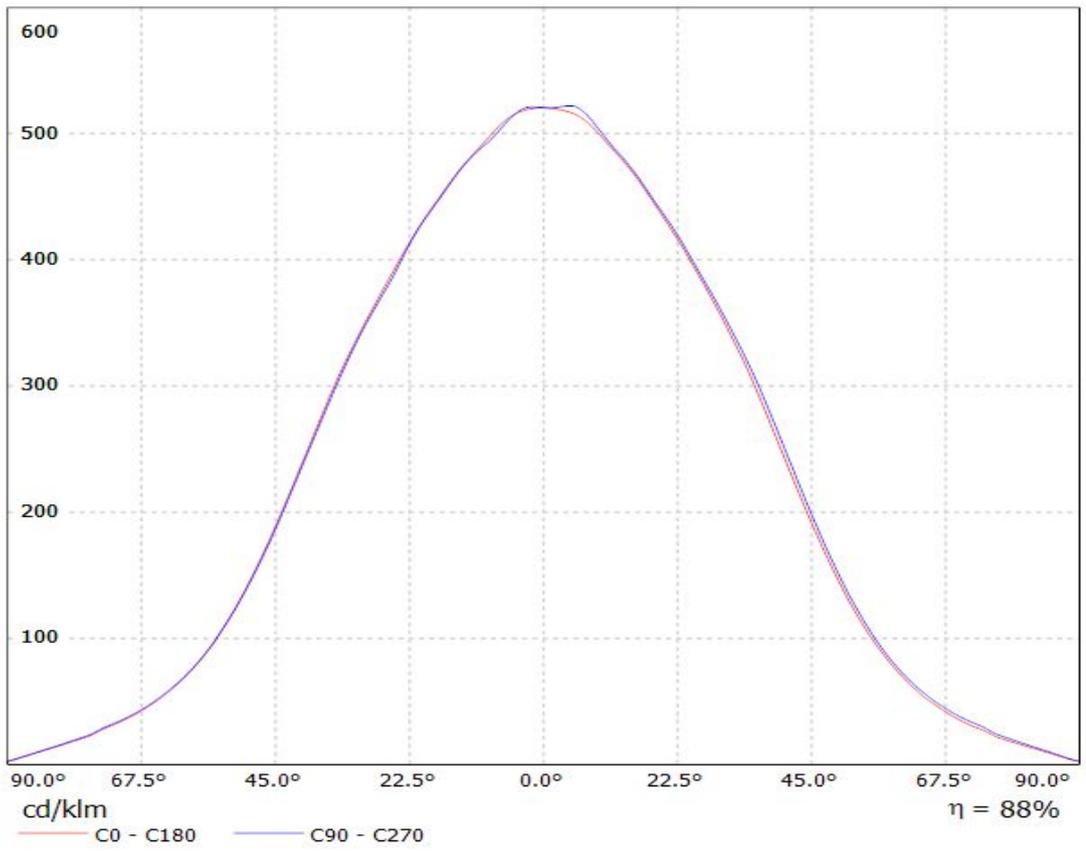
SHEET 3/3

Luminaire: Ledil Oy FN15737_RONDA-WWW-B_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7

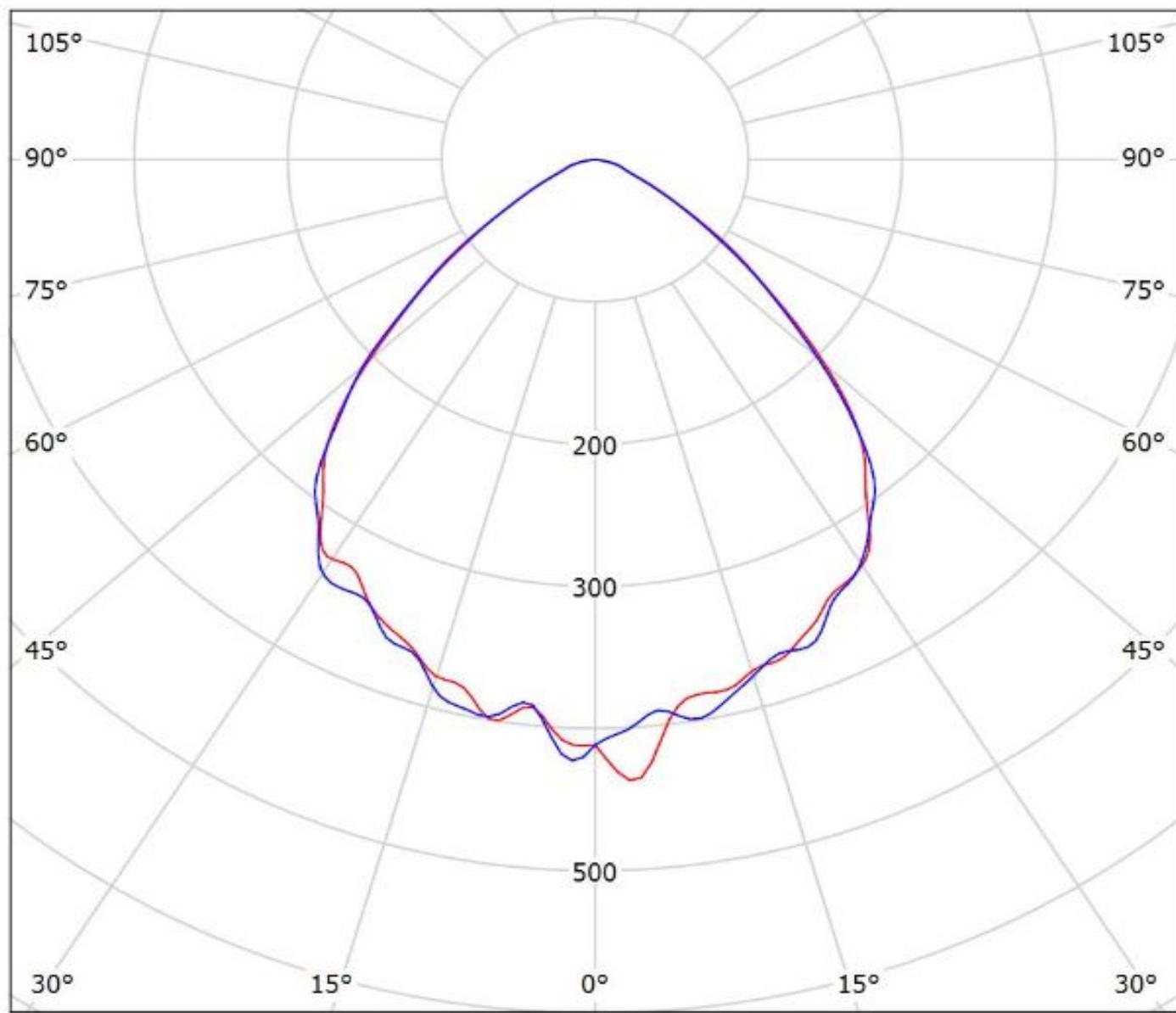


Luminaire: LEDiL Oy FN15737_RONDA-WWW-B_(V13_Gen7)+BJB

Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+BJB_47.319.2026.50)_1332.62lm@250mA_P=8.32009W_I=0.25A



Luminaire: Ledil Oy FN15737_RONDA-WWW-B_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



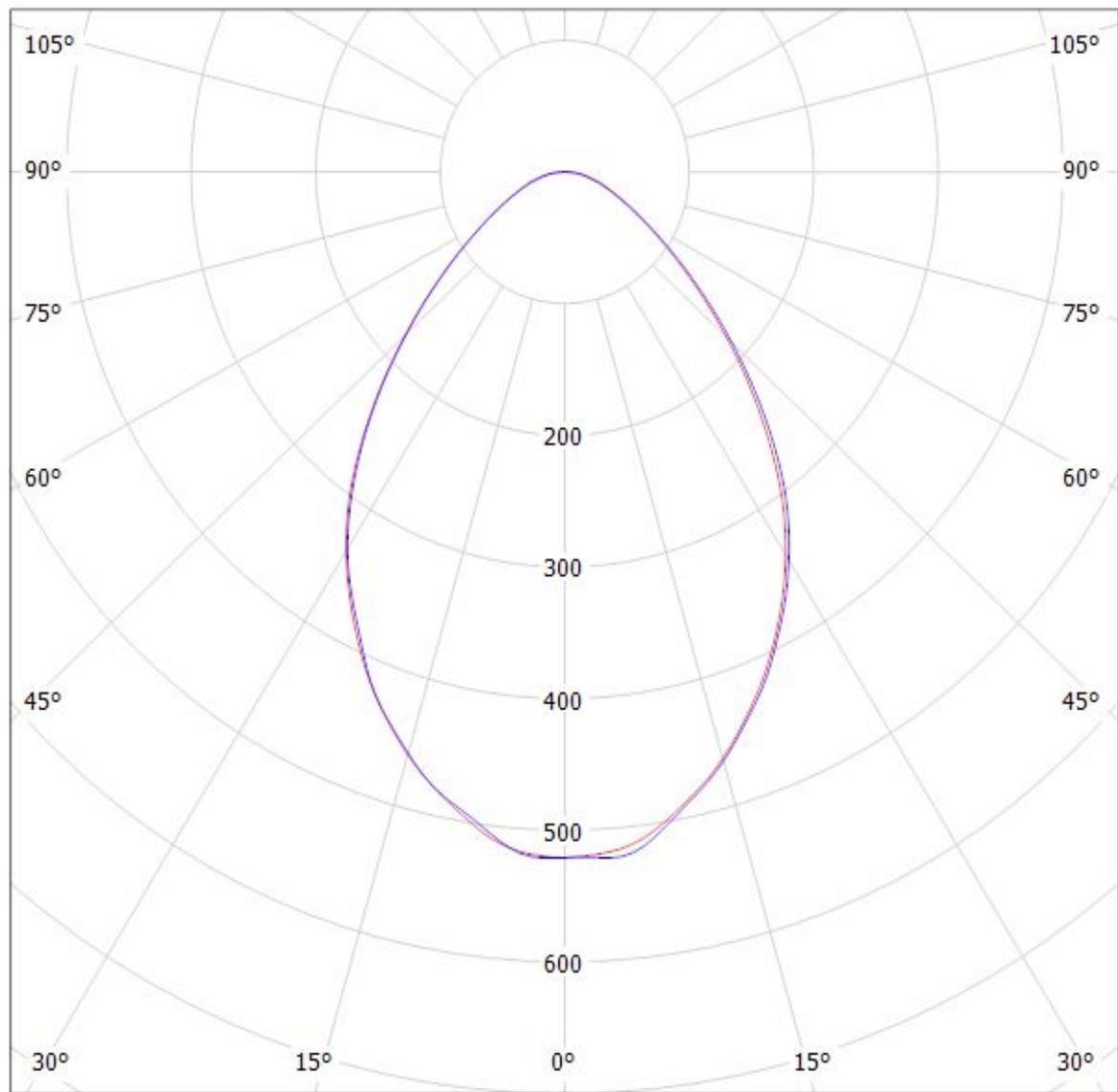
cd/klm

— C0 - C180 — C90 - C270

$\eta = 82\%$

Luminaire: LEDiL Oy FN15737_RONDA-WWW-B_(V13_Gen7)+BJB

Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+BJB_47.319.2026.50)_1332.62lm@250mA_P=8.32009W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

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.