# PRODUCT DATASHEET
# Ronda series
last update 12/4/2017

## DETAILS

| | |
|---|---|
| **Product Number** | FN15734_RONDA-S-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 Comliant** | Yes |
| **Date Updated** | 12/04/2017 |

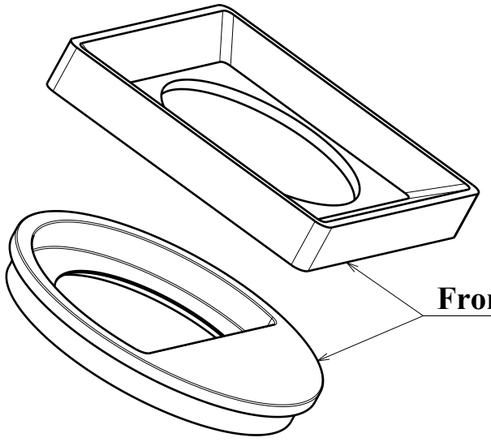
## OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Effi-ciency | cd/lm | Connector |
|---|---|---|---|---|---|
| V10 Gen7 | sim: 26 | Spot | sim: 84 % | sim: 3.250 | IDEAL: 50-2002CT |
| CXA/B 1816 & CXA/B 1820 & CXA 1850 | sim: 27 | Spot | sim: 85 % | - | BJB: 47.319.2131 |
| CXA/B 1816 & CXA/B 1820 & CXA 1850 | sim: 27 | Spot | sim: 85 % | - | A.A.G. STUCCHI: 8403/G2 |
| CXA/B 15xx | sim: 24 | Spot | sim: 85 % | - | IDEAL: 50-2001CR |
| SLE G6 LES15 H D50 | sim: 32 | Spot | sim: 85 % | sim: 1.670 | - |

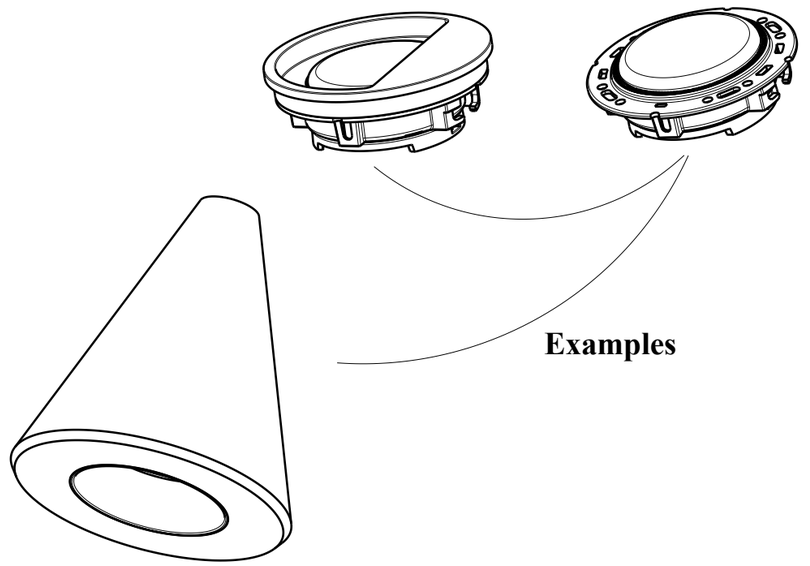


*Ledil Oy*
*Salorankatu 10*
*24240 SALO, Finland*

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

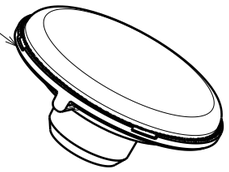


**Front plate examples**



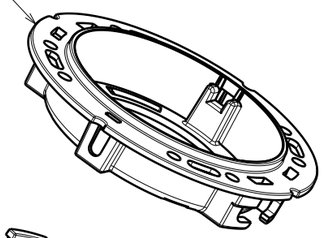
**Examples**

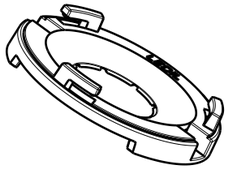
**D=49.9**



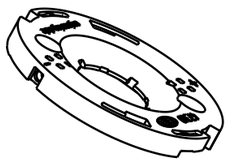
**Optic**

**D=69.9mm**



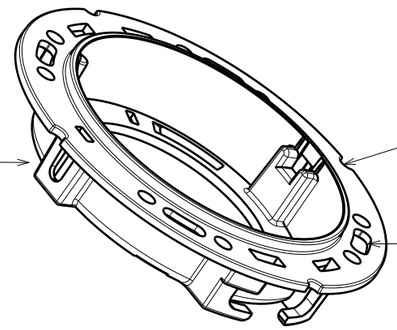


**Holder A**
- **Bender-wirth model 4xx Typ L1**
- **TE 22xxxxx-2 + 2213194-1**
- **Ledil-clamp**
- **Other twist and lock**



**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

THIRD ANGLE PROJECTION:



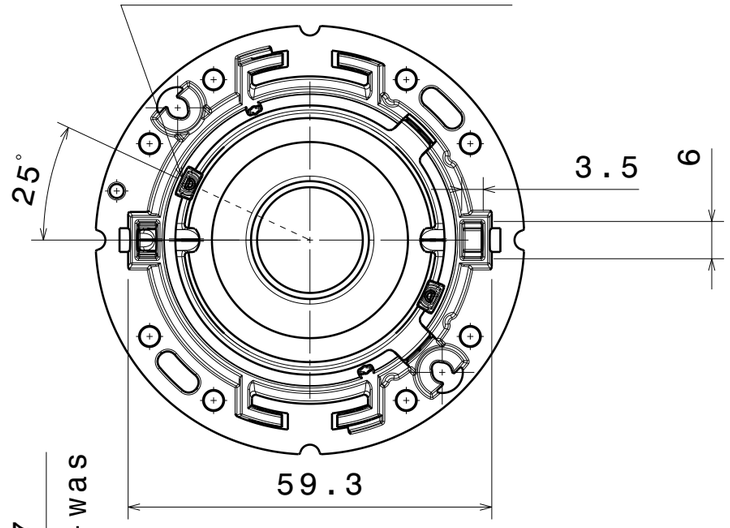
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
RONDA-B family

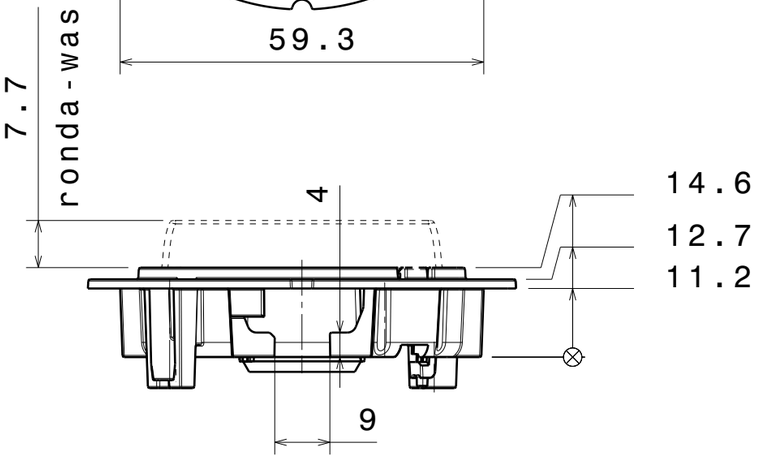
SIZE A3 | PART NUMBER -

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

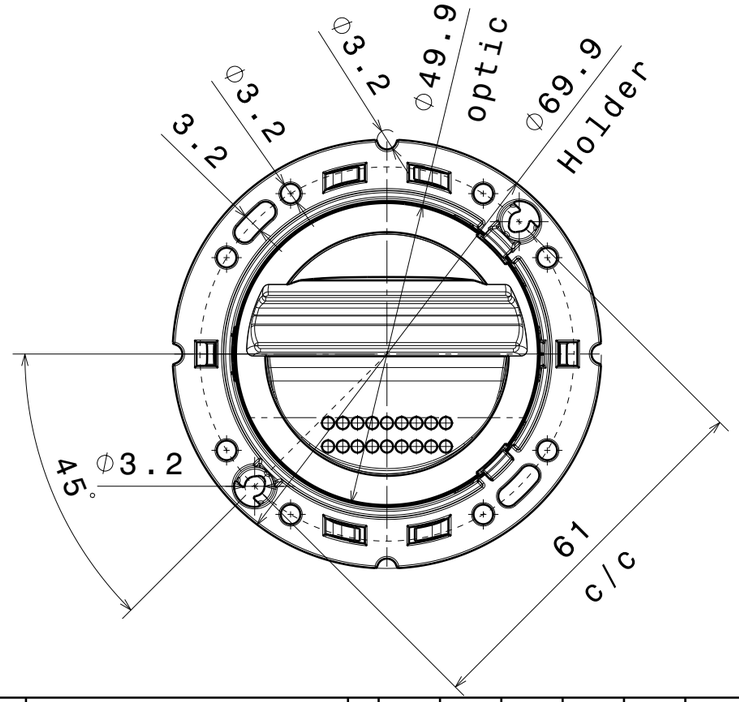
Bottom view

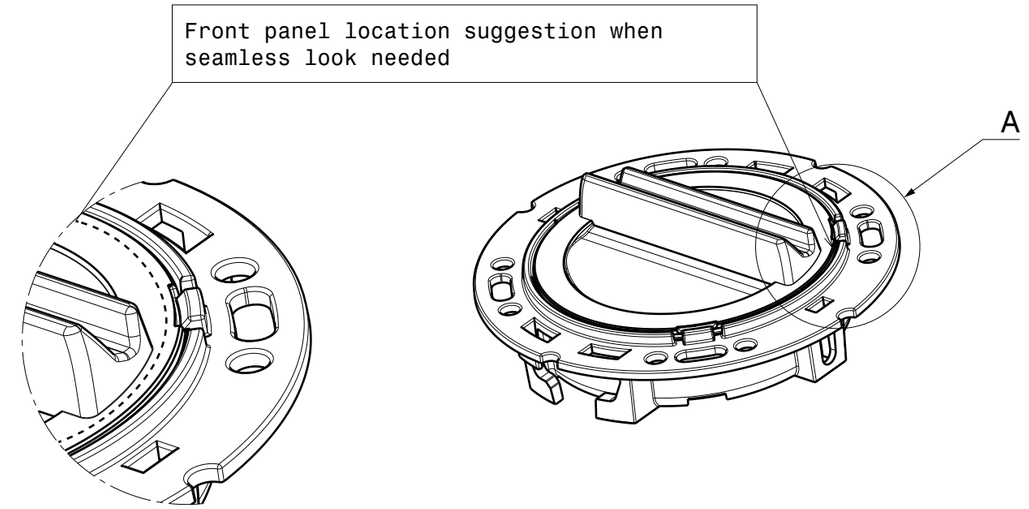



Front view




Top view




Detail A

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:



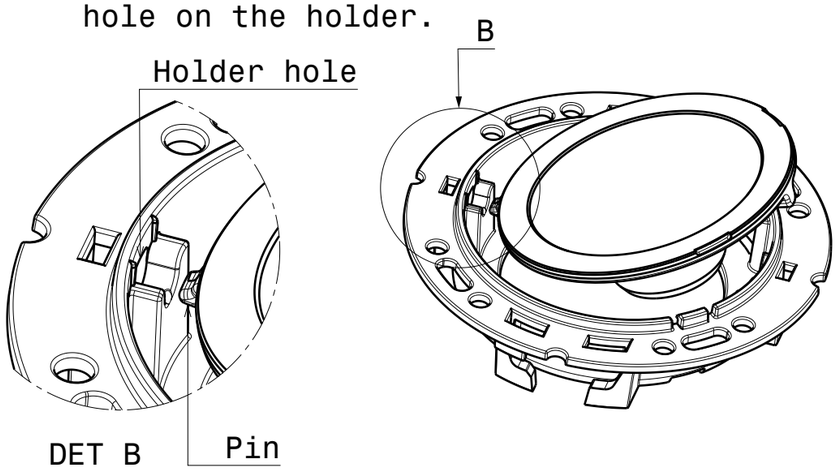
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
RONDA-B family

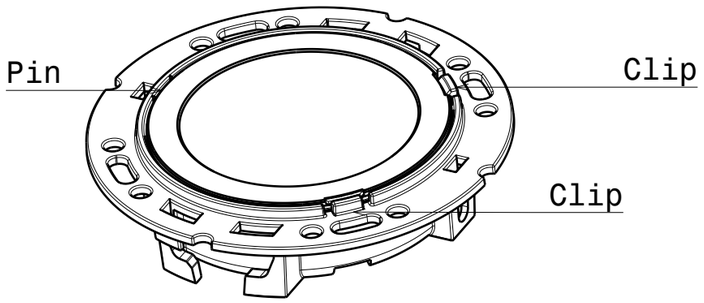
| SIZE | PART NUMBER | | | |
|---|---|---|---|---|
| A3 | - | | | |
| SCALE 1:1 | WEIGHT - | | SHEET 2/3 | |

## OPTIC/HOLDER ASSEMBLY

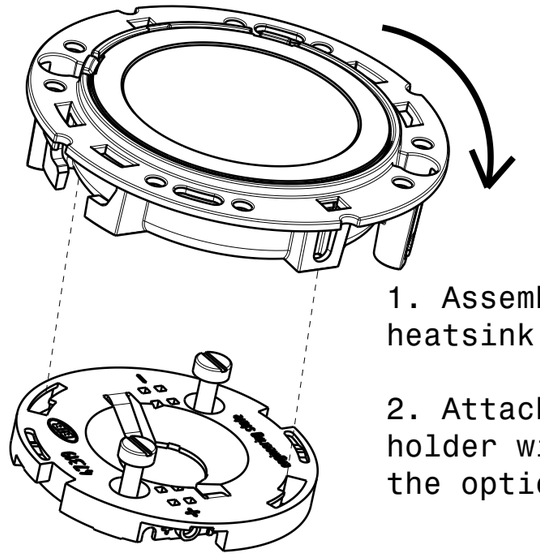
1. Place pin on the side of the lens into relative hole on the holder.




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




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



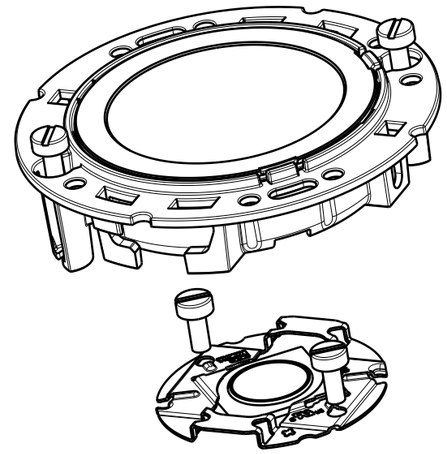
1. Assemble LED and BJB connector on heatsink with M3 screw.

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

THIRD ANGLE PROJECTION:



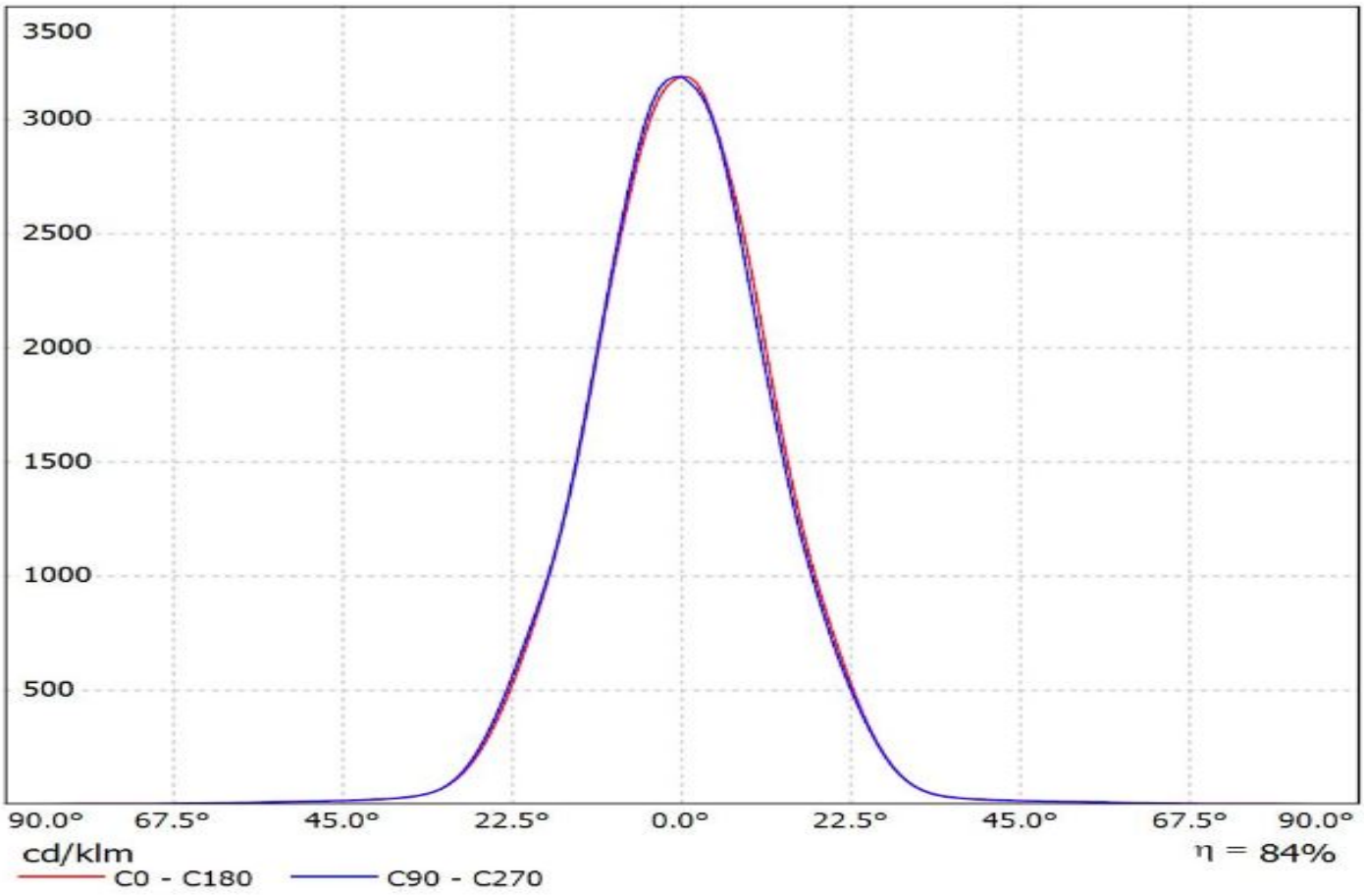
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
RONDA-B family

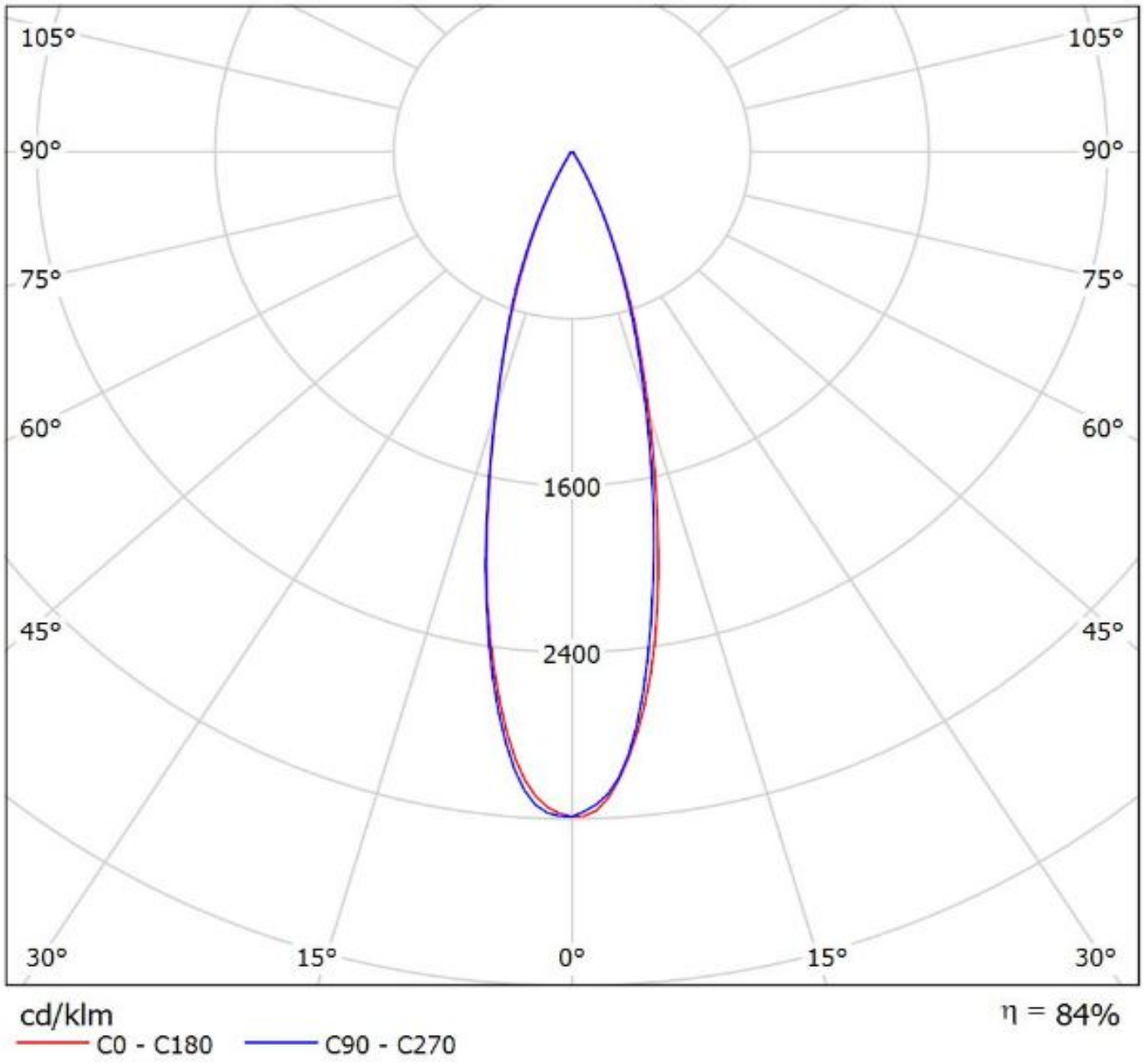
SIZE A3 | PART NUMBER -

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

Luminaire: Ledil Oy FN15734_RONDA-S-B_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



Luminaire: Ledil Oy FN15734_RONDA-S-B_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



**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.