



PRODUCT DATASHEET

Lena series

last update 23/2/2014

DETAILS

| | |
|------------------------|---------------------|
| Product Number | CN13194_LENA-WAS-DL |
| Family | Lena |
| Type | RefPack |
| Color | metal |
| Diameter | 111 mm |
| Height | 41,7 mm |
| Style | round |
| Optic Material | PC |
| Holder Material | PC |
| Fastening | socket, screw |
| Status | ready |
| ROHS Compliant | Yes |
| Date Updated | 23/02/2014 |



OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Efficiency | cd/lm | connector |
|---------|---------------|------------|------------|-------|-----------|
| CXA15xx | Asym degrees | | 84 % | 1.140 | - |

D

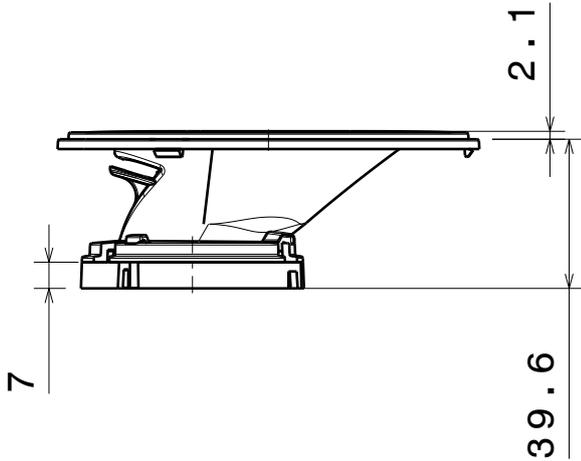
C

B

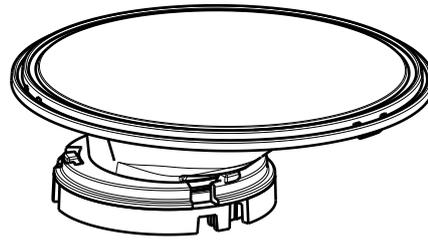
A

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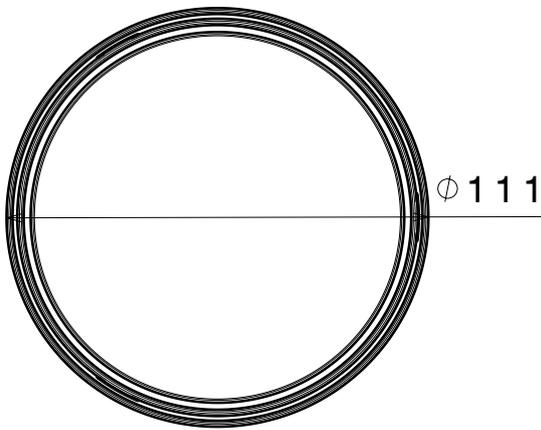
Front view



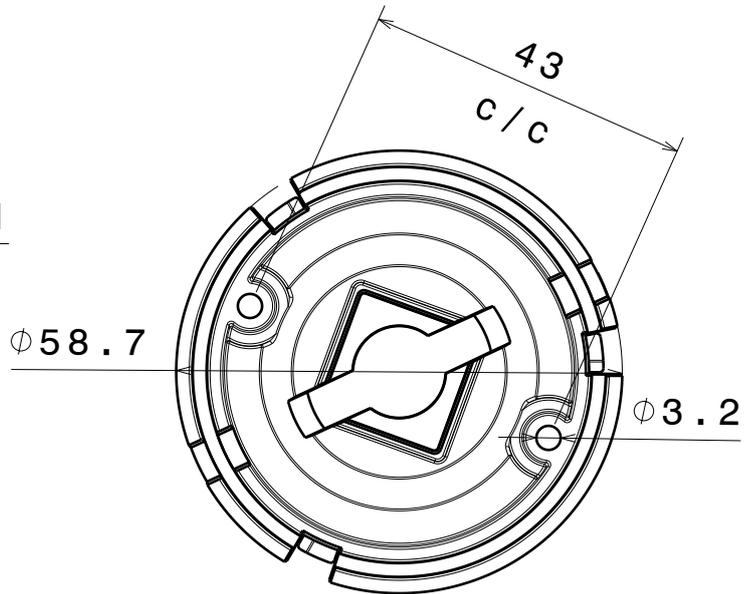
Isometric view

3

3



Top view



Materials

Reflector: PC
 Base part: PC
 Sublens: PC

Note: using additional sublens
 add 2.1mm to total height

2

2

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Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

DRAWING TITLE Mechanical drawing

DRAWN BY
 as

DATE
 17.10.2012

LENA-WAS-CXA15

CHECKED BY
 -

DATE
 -

SIZE
 A4

PART NUMBER
 -

REV
 001

DESIGNED BY
 as

DATE
 -

SCALE

1:2

WEIGHT

- g

SHEET

1/1

D

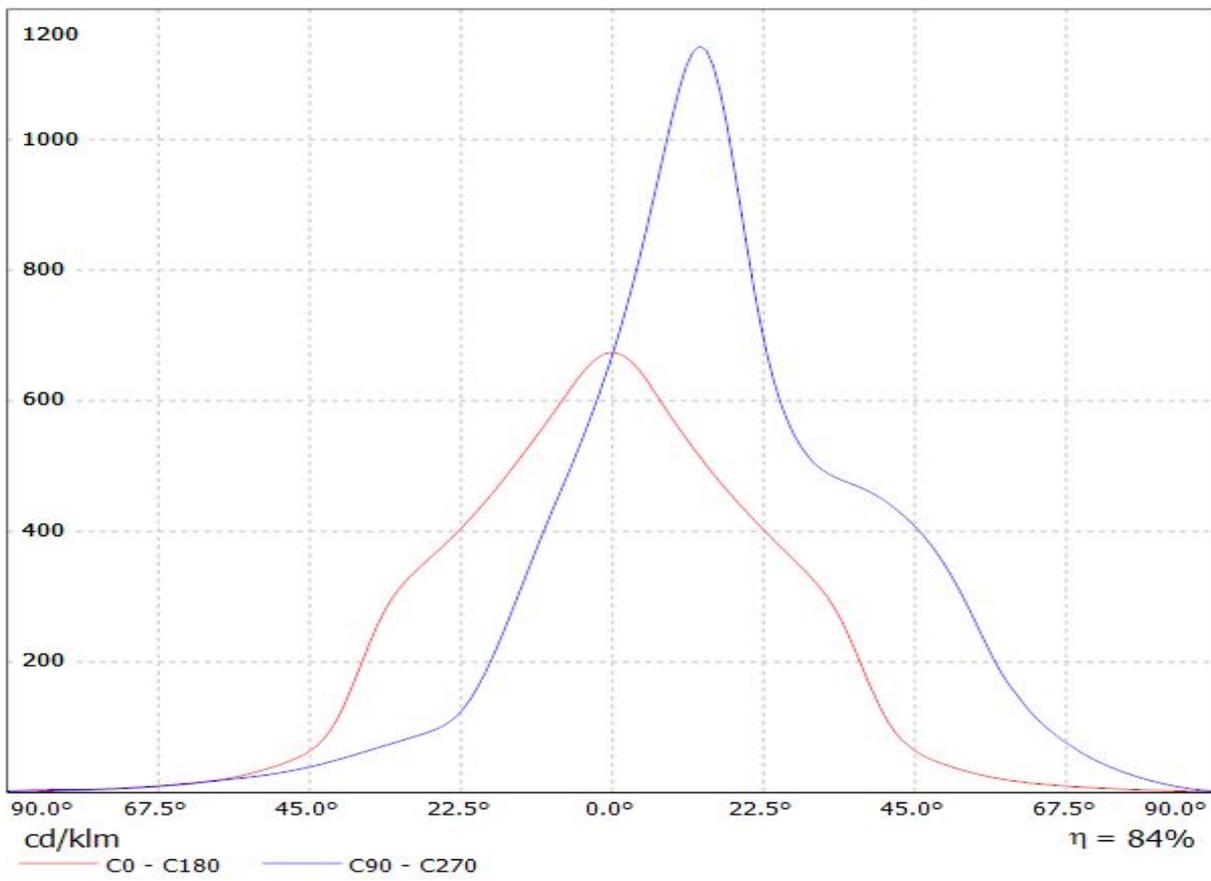
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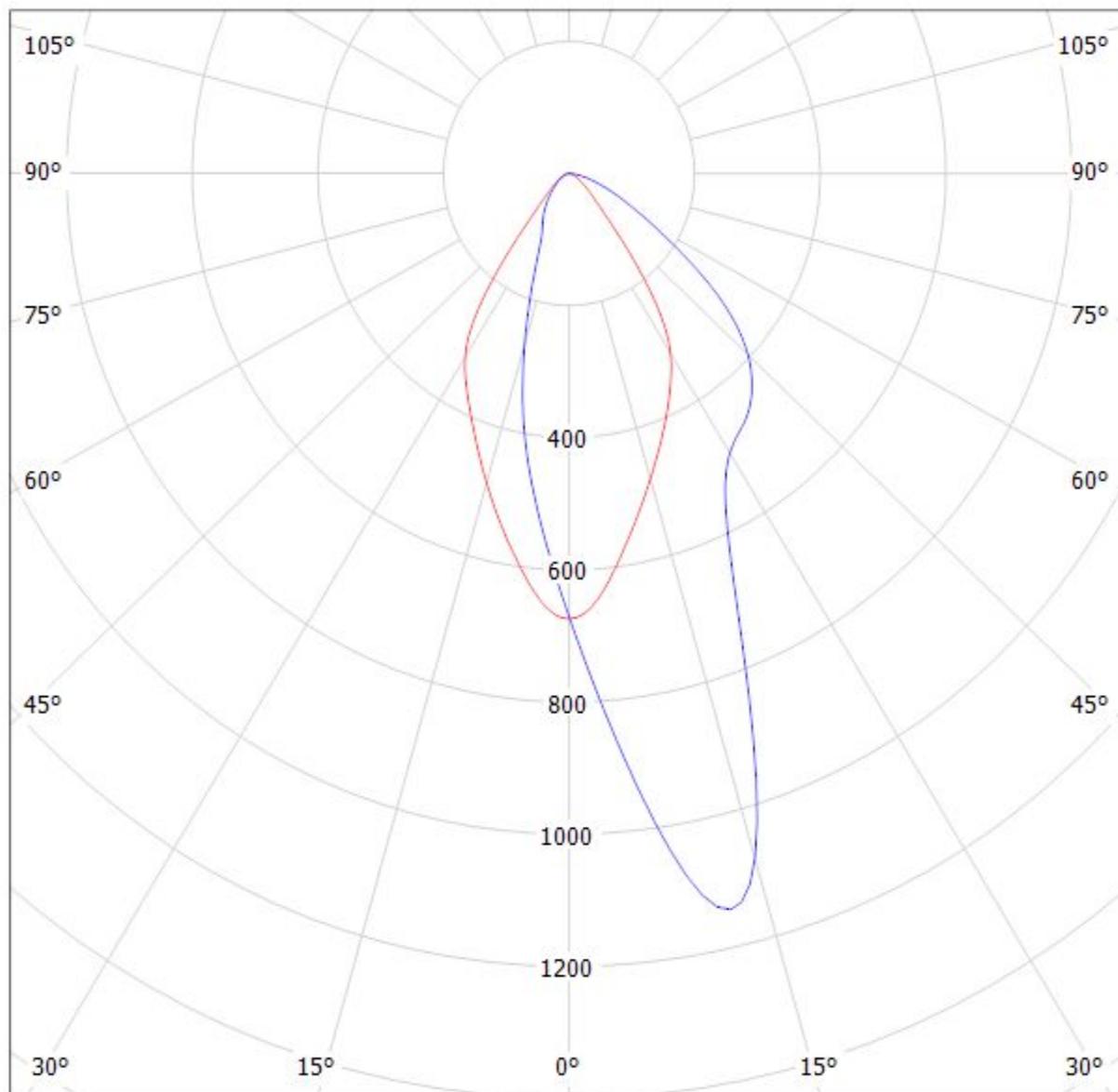
Luminaire: LEDiL Oy CN13194_LENA-WAS-DL_(CXA1520)

Lamps: 1 x CREE_CXA1520_(CXA1520-30F-N4-N0H-0001)_972.29@250mA_CCT=3000K_P=8.22841W_I=249.8mA



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cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

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.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

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.