

## DETAILS

Product Number	CN13193_LEN-A-WAS
Family	Lena
Type	RefPack
Color	metal
Diameter	111 mm
Height	39,6 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	socket, screw
Status	ready
ROHS Compliant	Yes
Date Updated	23/02/2014



## OPTICAL PROPERTIES

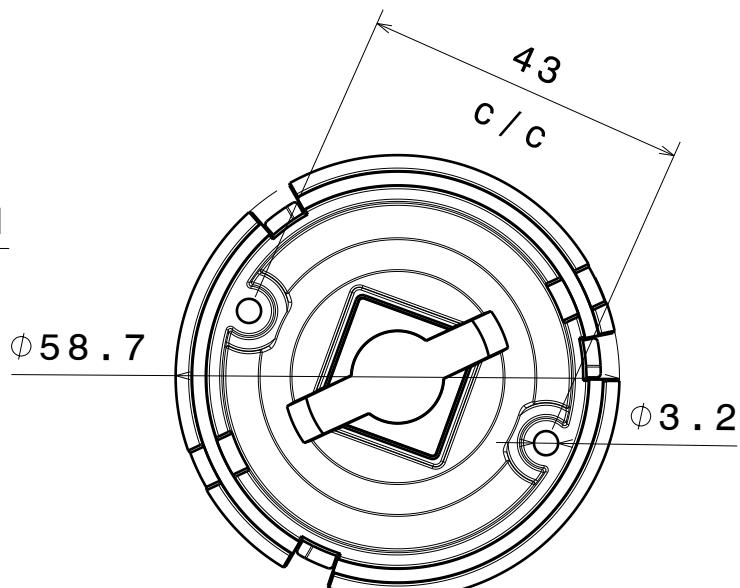
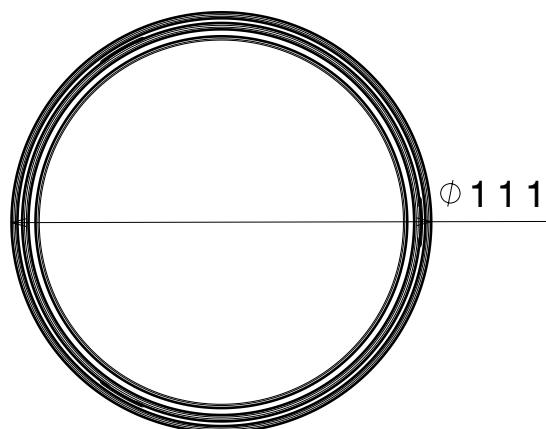
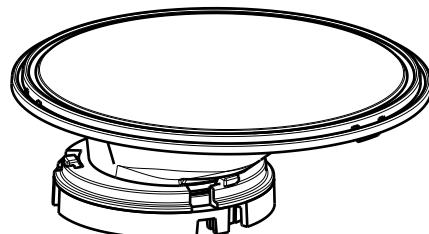
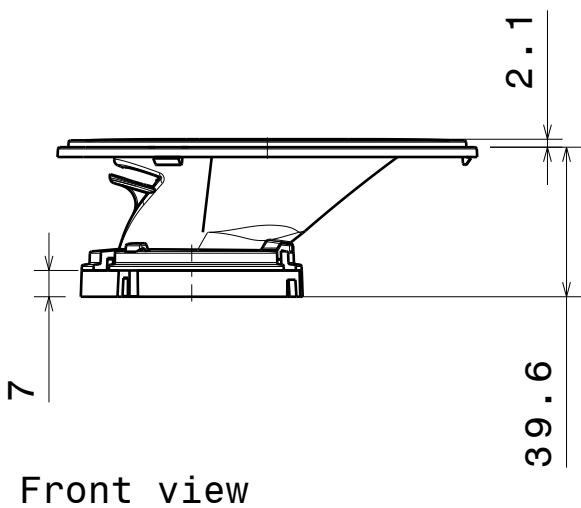
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
CXA15xx	Asym degrees		88 %	1.420	-

D

C

B

A



## Materials

Reflector: PC  
 Base part: PC  
 Sublens: PC

Note: using additional sublens  
 add 2.1mm to total height

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Ledil Oy  
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 Finland

DRAWING TITLE

Mechanical drawing

LENA-WAS-CXA15

DRAWN BY  
 as  
 DATE  
 17.10.2012

SIZE

A4

PART NUMBER

-

REV

001

CHECKED BY

DATE

DESIGNED BY

DATE

SCALE

1:2

WEIGHT

- g

-

SHEET

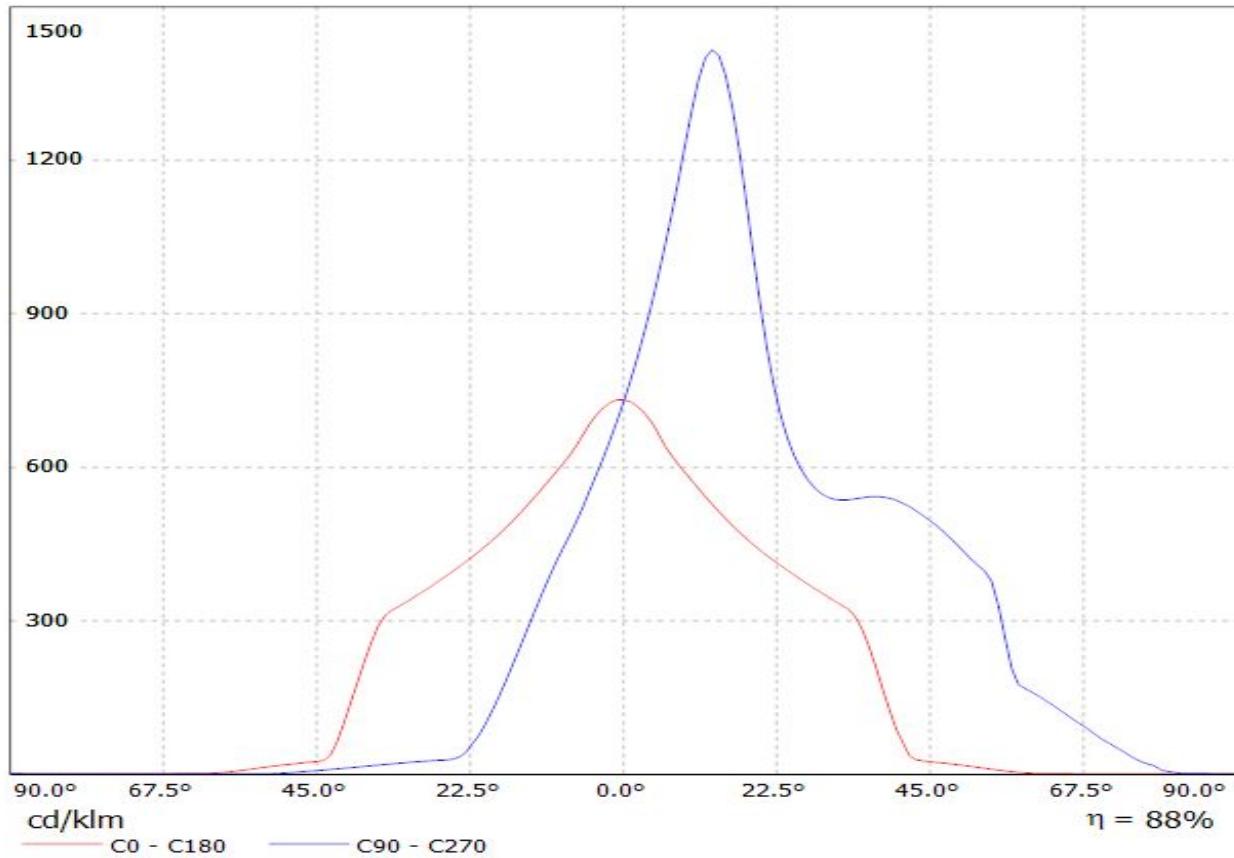
1/1

D

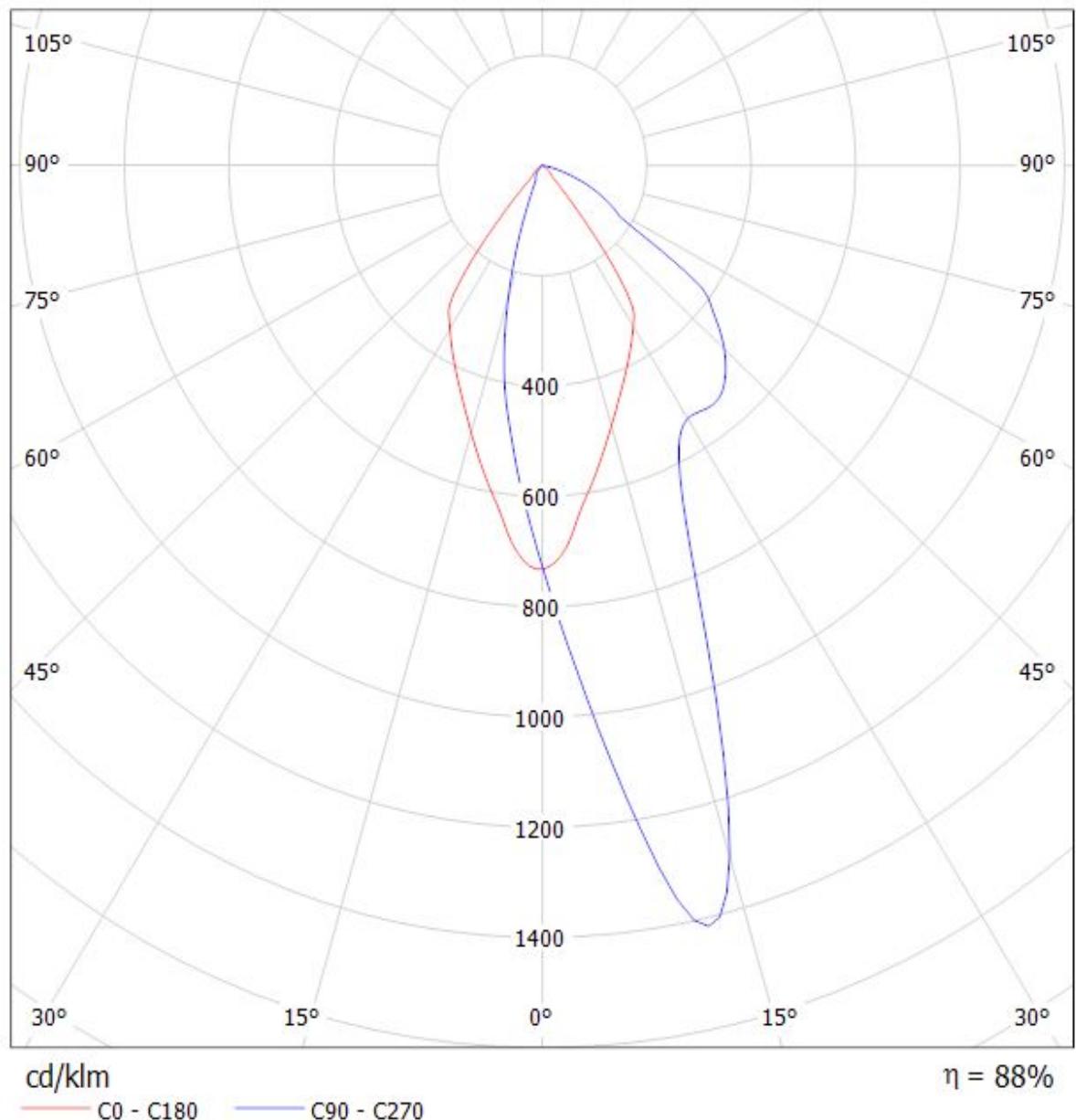
A

Luminaire: LEDiL Oy CN13193\_LENA-WAS\_(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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**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.