



PRODUCT DATASHEET

Lena series

last update 31/10/2016

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	
Fastening	screw, socket
Status	production ready
ROHS Compliant	Yes
Date Updated	31/10/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
V10 Gen6	Asymmetric deg	Asymmetric	83 %	0.920	-
CXAB 15xx	asymmetric deg	Asymmetric	84 %	1.140	-

D

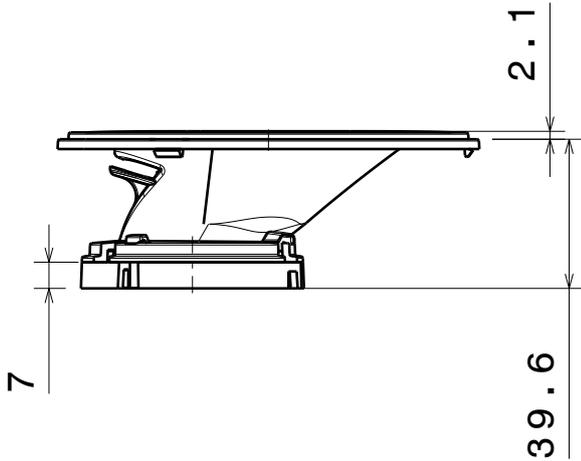
C

B

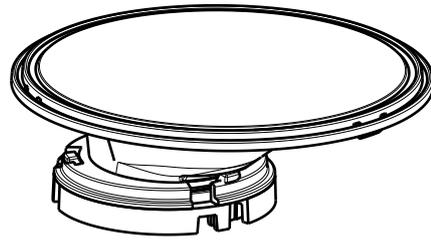
A

4

4



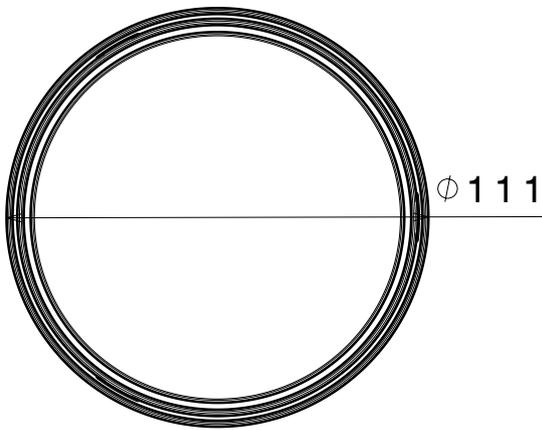
Front view



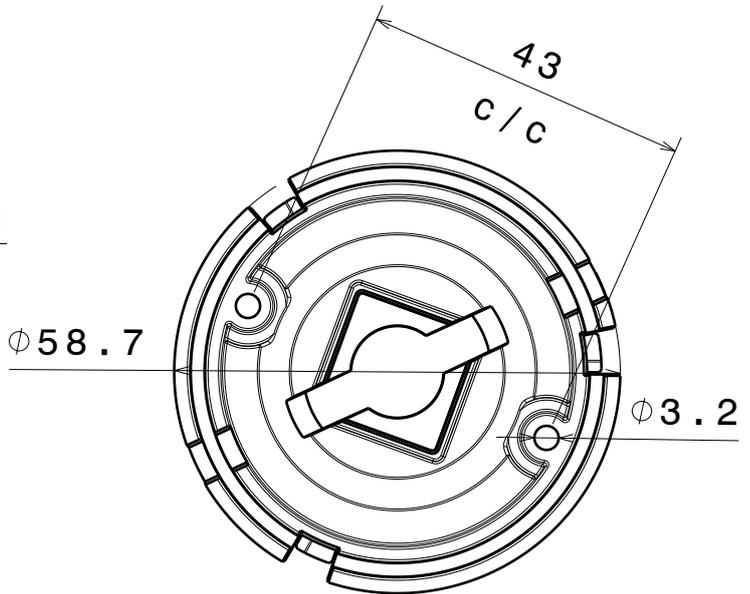
Isometric view

3

3



Top view



2

2

Materials

Reflector: PC
 Base part: PC
 Sublens: PC

Note: using additional sublens
 add 2.1mm to total height

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 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

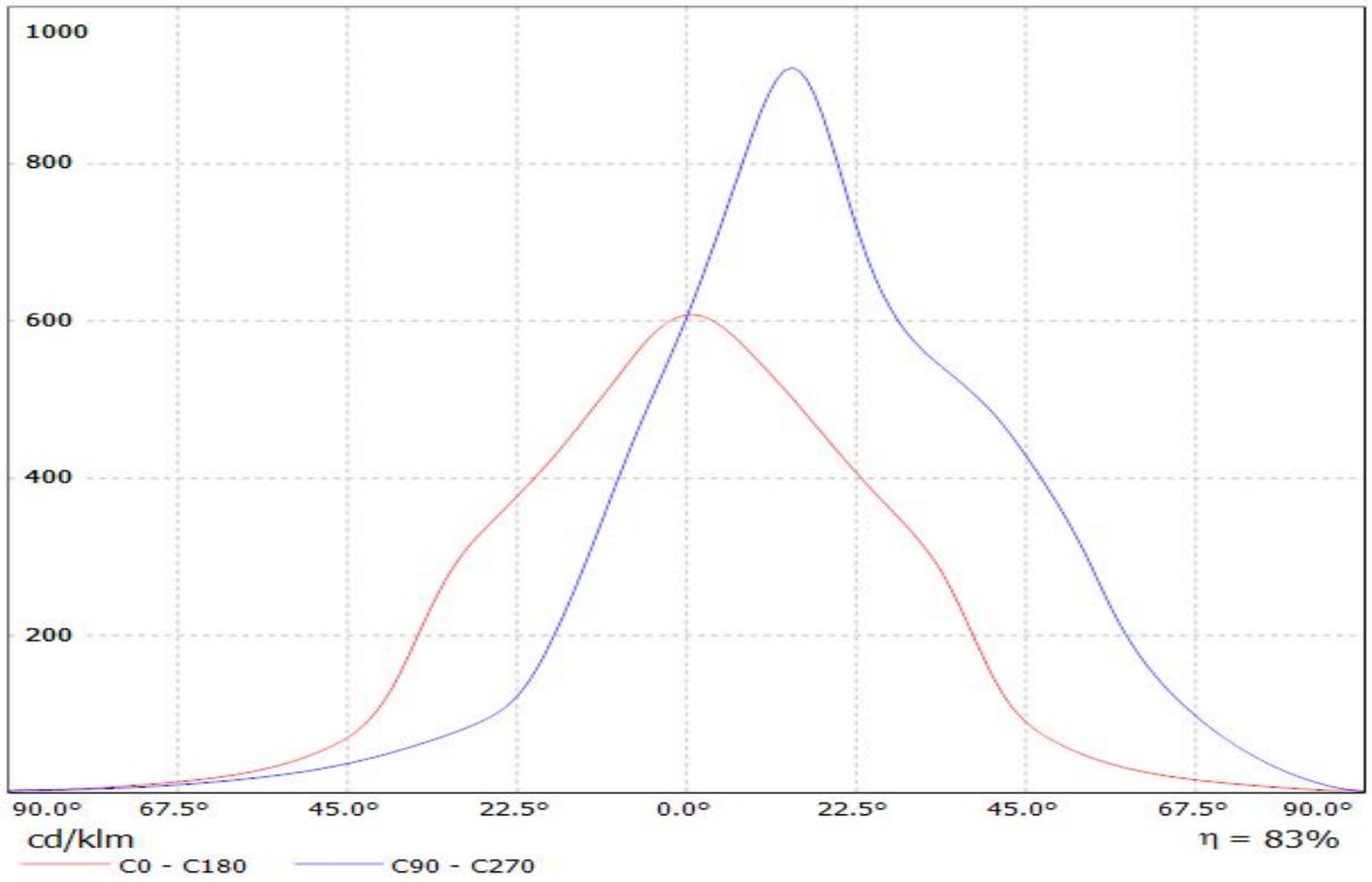
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1

1

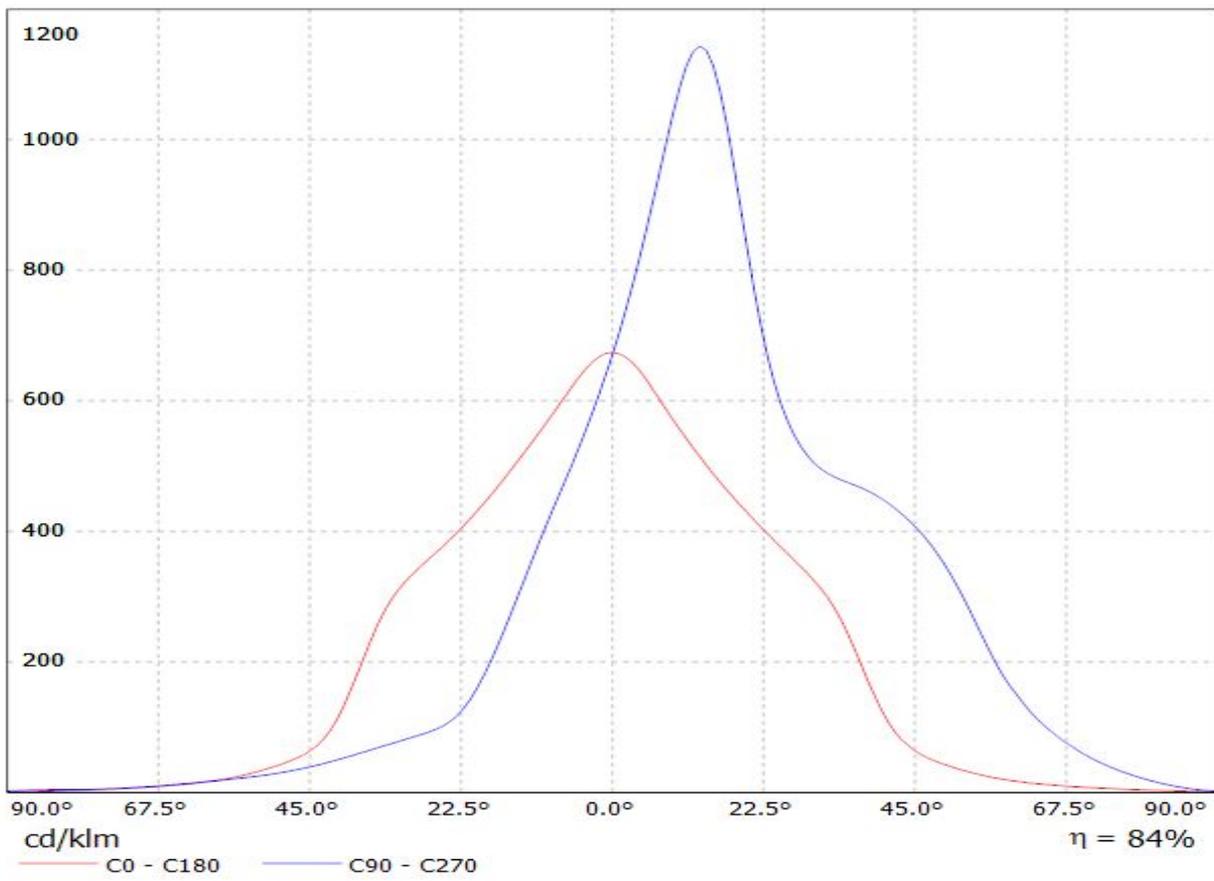
Luminaire: LEDiL Oy CN13194_LENA-WAS-DL_(V10)

Lamps: 1 x Bridgelux_V10_(BXRE-30E1000B-X2)_737.685lm@250mA_P=6.27324W_I=249.9mA



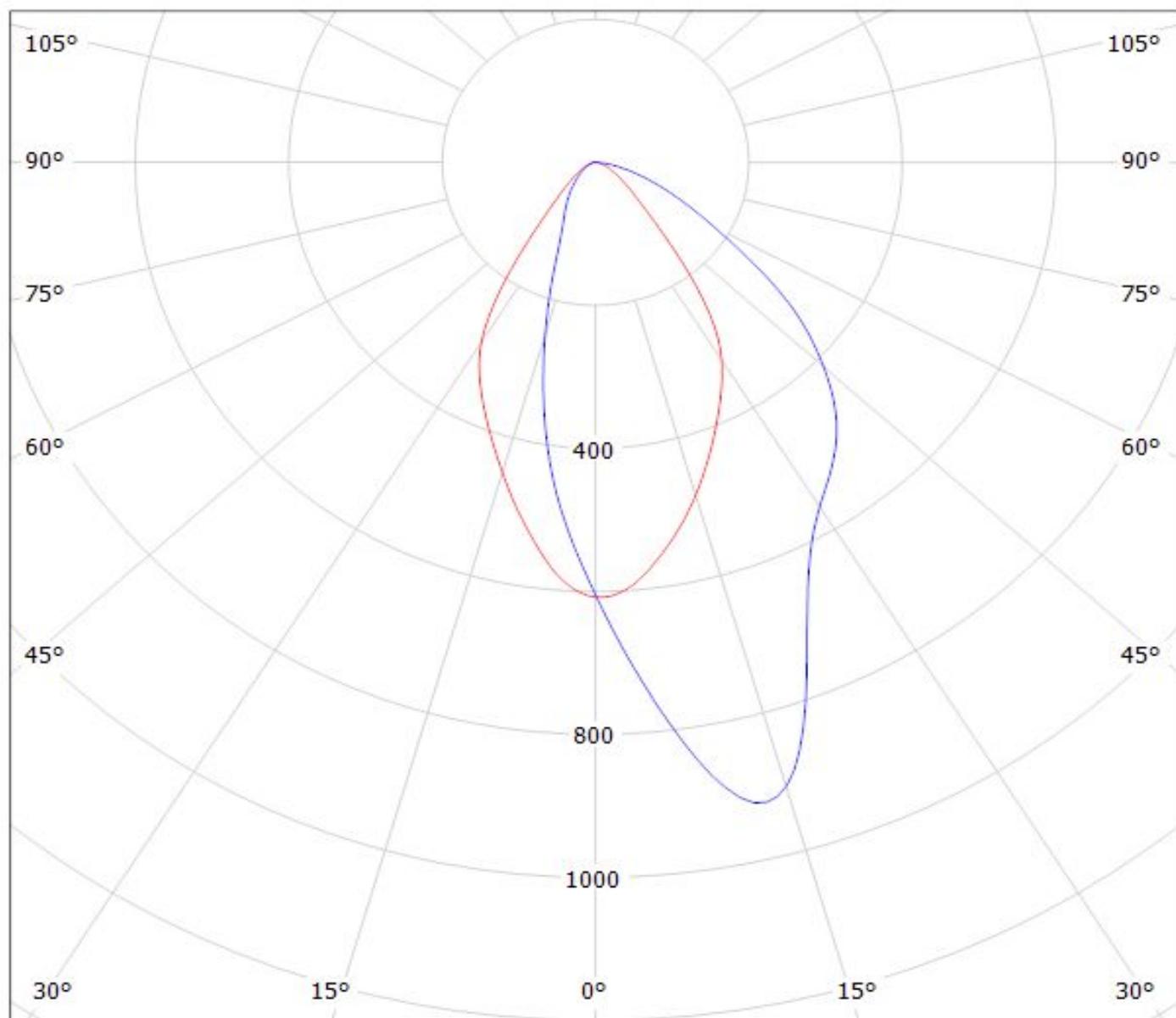
Luminaire: LEDiL Oy CN13194_LENA-WAS-DL_(CXA1520)

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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Lamps: 1 x Bridgelux_V10_(BXRE-30E1000B-X2)_737.685lm@250mA_P=6.27324W_I=249,9mA



cd/klm

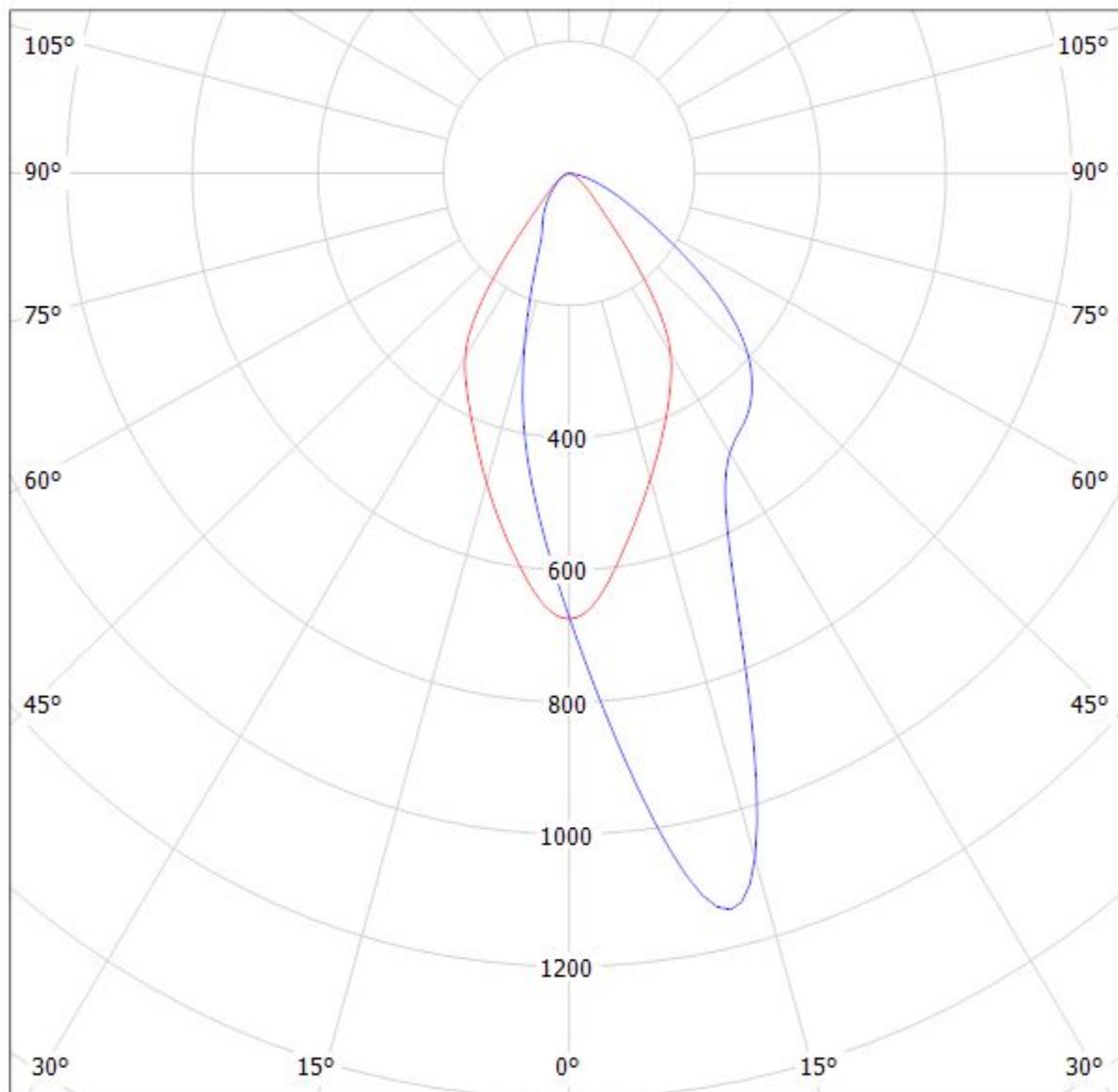
— C0 - C180

— C90 - C270

$\eta = 83\%$

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

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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.

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.