



PRODUCT DATASHEET

Lena series

last update 2/9/2015

DETAILS

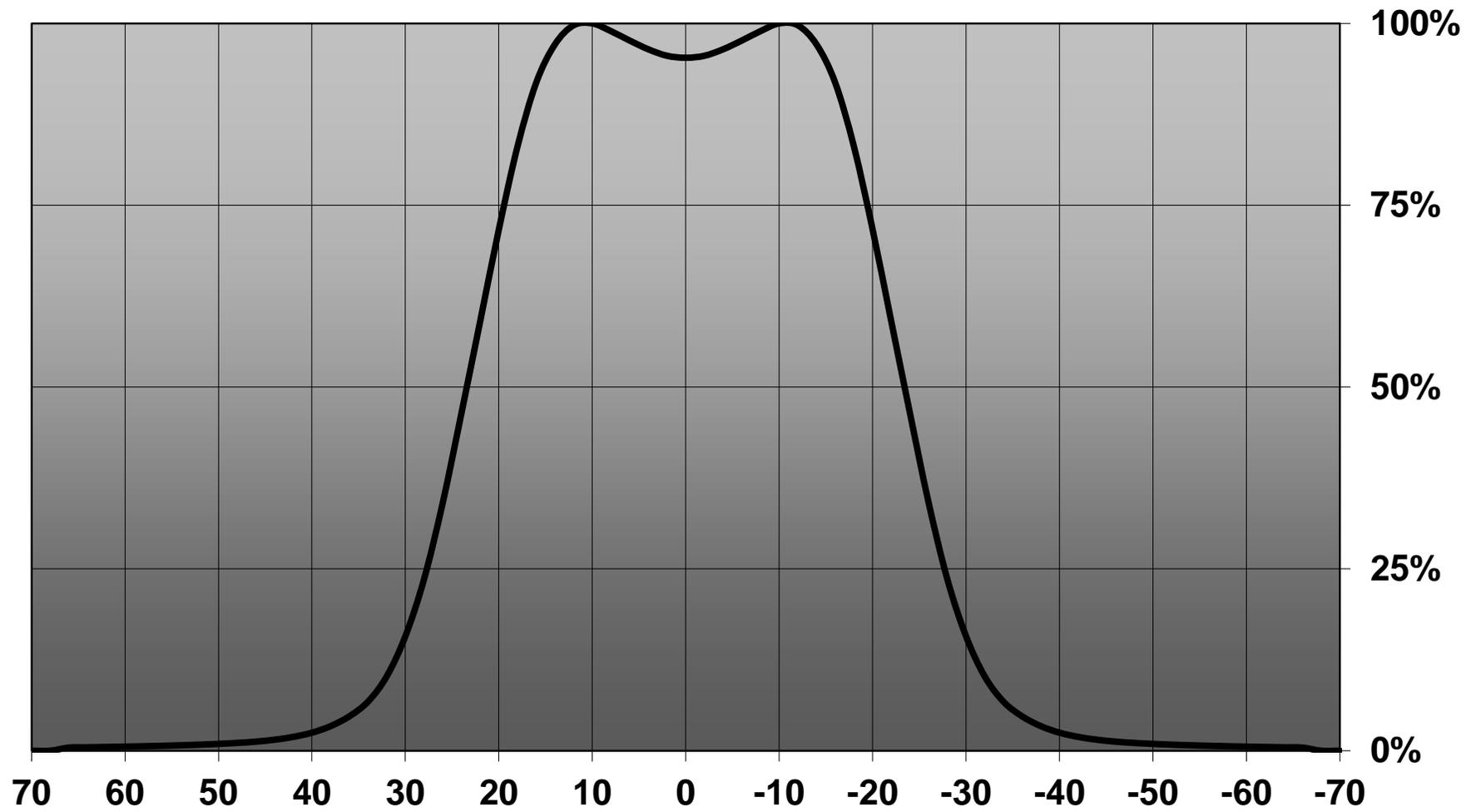
Product Number	CN12723_LENA-W-DL
Family	Lena
Type	RefPack
Color	metal
Diameter	111 mm
Height	87,6 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	23/02/2014

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CLL04x/CLU04x	46 deg	Wide	76 %	1.090	-
LUXEON CoB 1216	50 deg	Wide	81 %	1.200	-

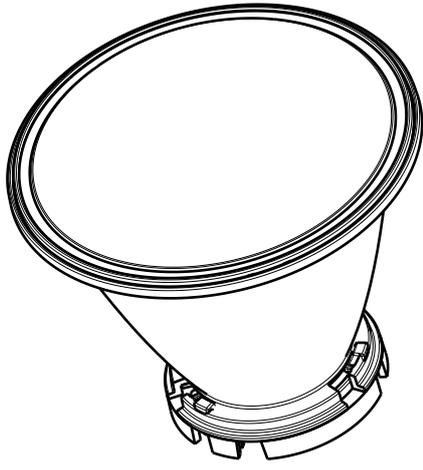


Relative intensity of CN12723_LENA-W-DL_(CLL040)

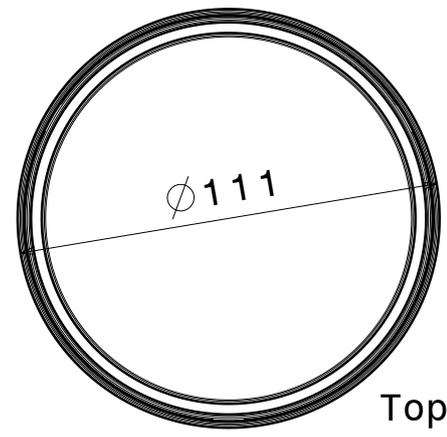


D C B A

4



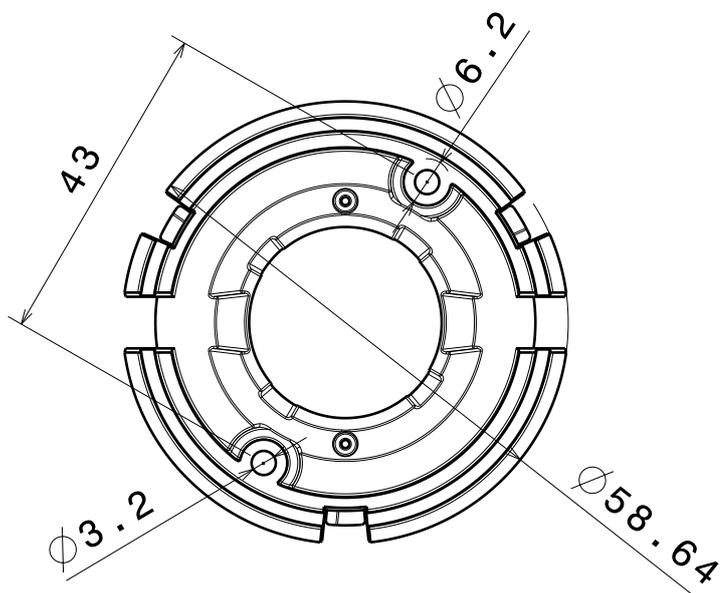
Isometric view



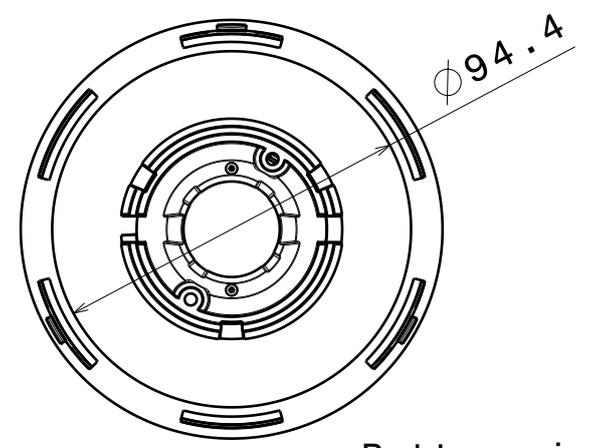
Top view

4

3



Base part
Scale: 1:1

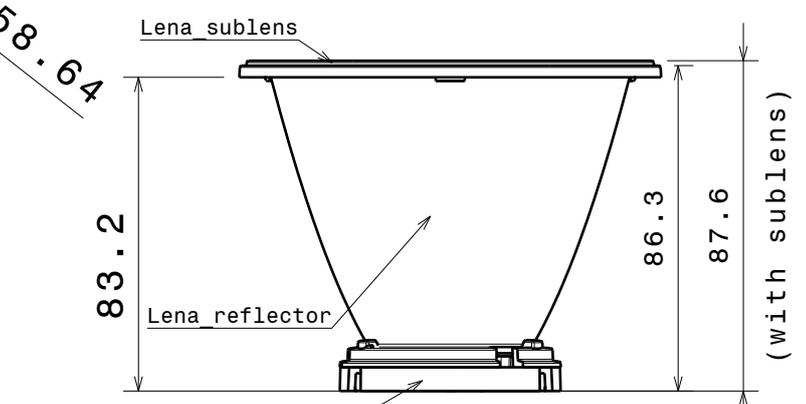


Bottom view

3

2

- Material:
- Sublens -PMMA
 - Reflector: -PC
-Metal coating and clear lacquer
 - Holder base: -PC
-Color: white



Front view

2

Lena-STD-Base CLL040

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet Lena-CLL040 series assy

DRAWN BY
as

DATE
10.04.2012

CHECKED BY
xx

DATE
xx.xx.2012

SIZE
A4

DRAWING NUMBER

REV
1

DESIGNED BY
xx

DATE
xx.xx.20xx

SCALE 1:2

WEIGHT (g)

SHEET

1 / 1

1

1

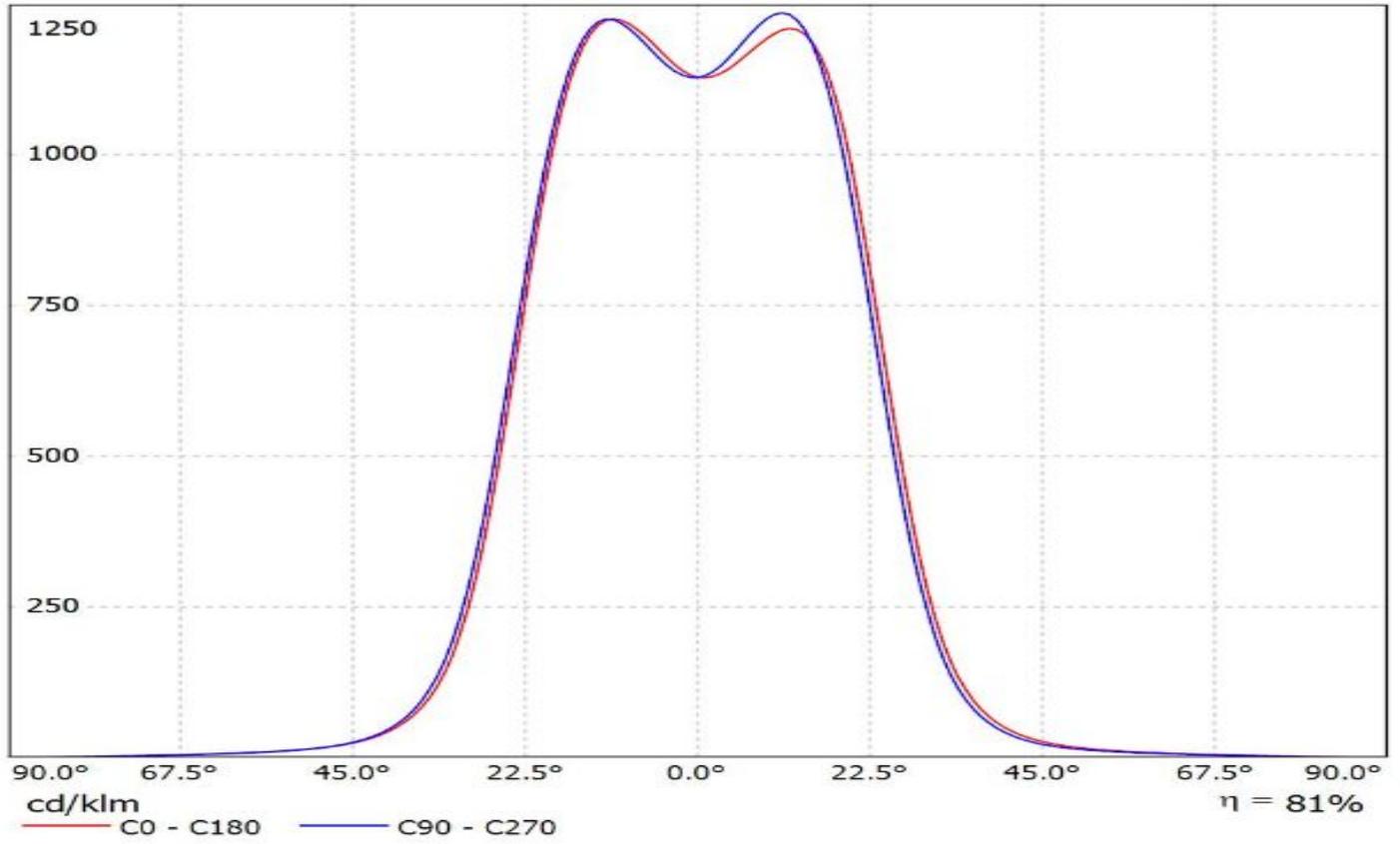
D

A

Ledil CN12723_LENA-W-DL_(CoB_1216) / LDC (Linear)

Luminaire: Ledil CN12723_LENA-W-DL_(CoB_1216)

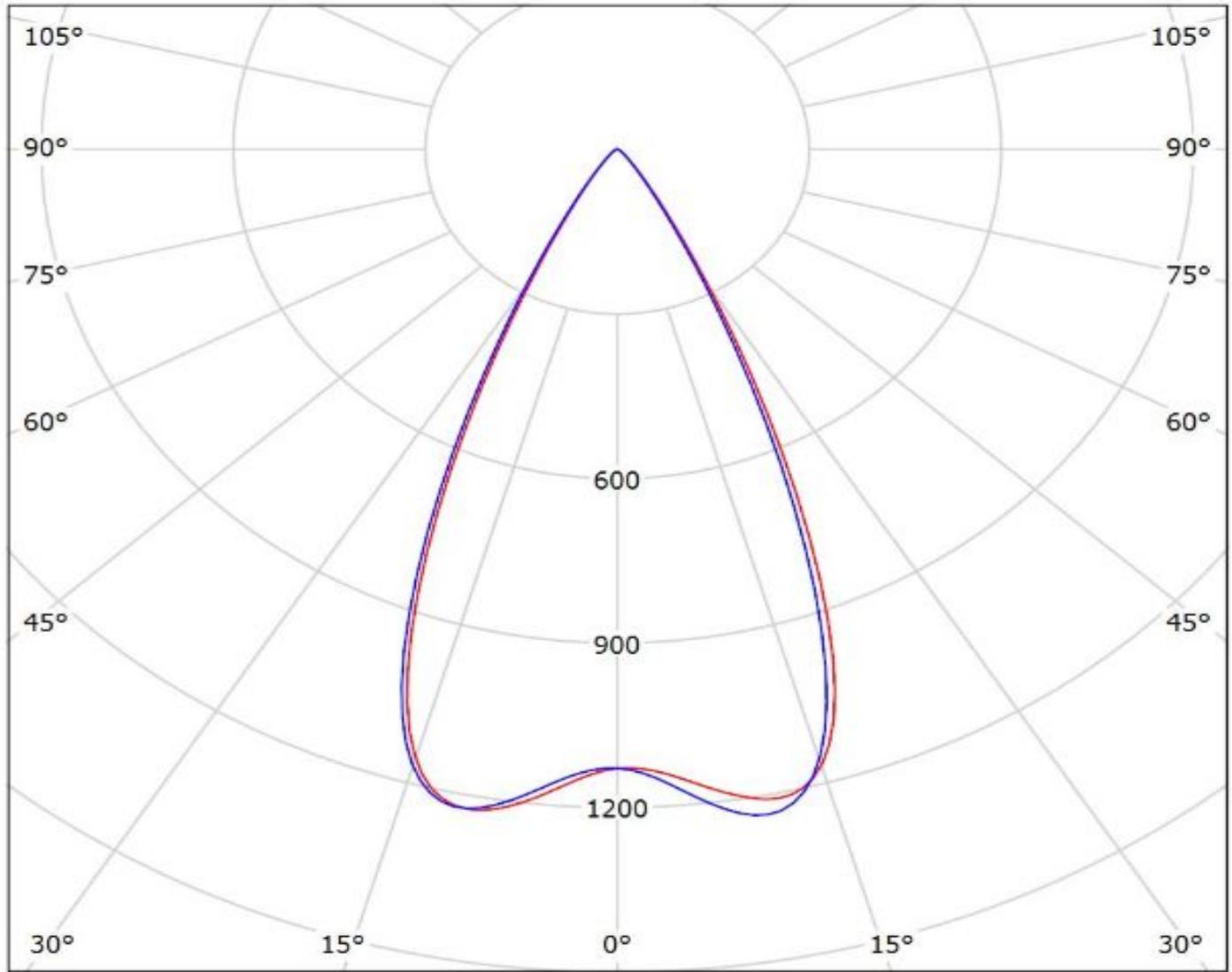
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399.08lm@250mA_P=8.00375W_I=0.25A



Ledil CN12723_LENA-W-DL_(CoB_1216) / LDC (Polar)

Luminaire: Ledil CN12723_LENA-W-DL_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399.08lm@250mA_P=8.00375W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

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.