

**Ordering number CN12600_LENINA-S**

Family	Lenina	FWHM	15 degrees
Type	Pack	Efficiency	88 %
LED	BXRA ES Rectangle	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.25 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12603_LENINA-S-DL**

Family	Lenina	FWHM	20 degrees
Type	Pack	Efficiency	80 %
LED	BXRA ES Rectangle	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.35 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12601_LENINA-M**

Family	Lenina	FWHM	29 degrees
Type	Pack	Efficiency	86 %
LED	BXRA ES Rectangle	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.25 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12604_LENINA-M-DL**

Family	Lenina	FWHM	36 degrees
Type	Pack	Efficiency	78 %
LED	BXRA ES Rectangle	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.35 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number CN12602_LENINA-W**

Family	Lenina	FWHM	54 degrees
Type	Pack	Efficiency	86 %
LED	BXRA ES Rectangle	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.25 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12605_LENINA-W-DL**

Family	Lenina	FWHM	54 degrees
Type	Pack	Efficiency	78 %
LED	BXRA ES Rectangle	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.35 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number CN12960_LENINA-XW**

Family	Lenina	FWHM	74 degrees
Type	Pack	Efficiency	89 %
LED	BXRA ES Rectangle	cd/lm	0.611
Color	White	Gerber File	Available
Diameter	74 mm		
Height	46.25 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		

Reflector twist-and-locks into included base part that holds COE

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.



PRODUCT DATASHEET

Lenina series

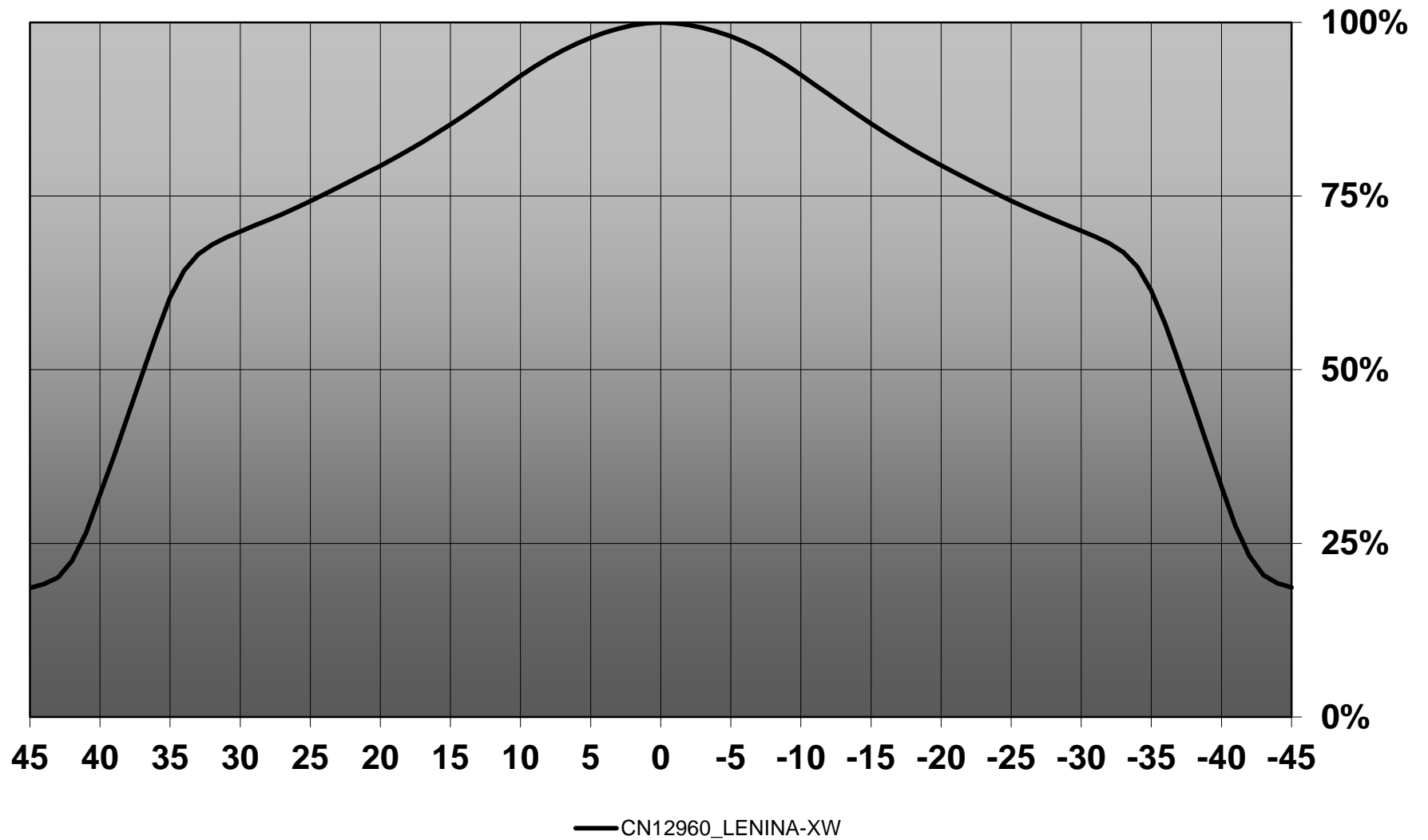
last update 18/3/2013



GENERAL INFORMATION

- Product series especially designed & optimized for BXRA ES Rectangle 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 (110 degrees of Celcius / 230 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

Absolute intensity of CN12960_LENINA-XW



D

C

B

A

4

4

Lens material:
PC, clear

40

h2

3

3

Base material PC, white

Reflector material PC
Metal plated with clear lacquer

2

2

Ø74

NOTE:

Using optional sublens, add 2.1mm to the system height

Dimension 'h2' varies from 4.5mm to 7mm depending on the LED specific base part

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FIN-24240 SALO
Finland

DRAWING TITLE

Datasheet Lenina series

1

1

DRAWN BY
pl
DATE
08.03.2012

CHECKED BY
DATE
SIZE
A4

DRAWING NUMBER
REV
1

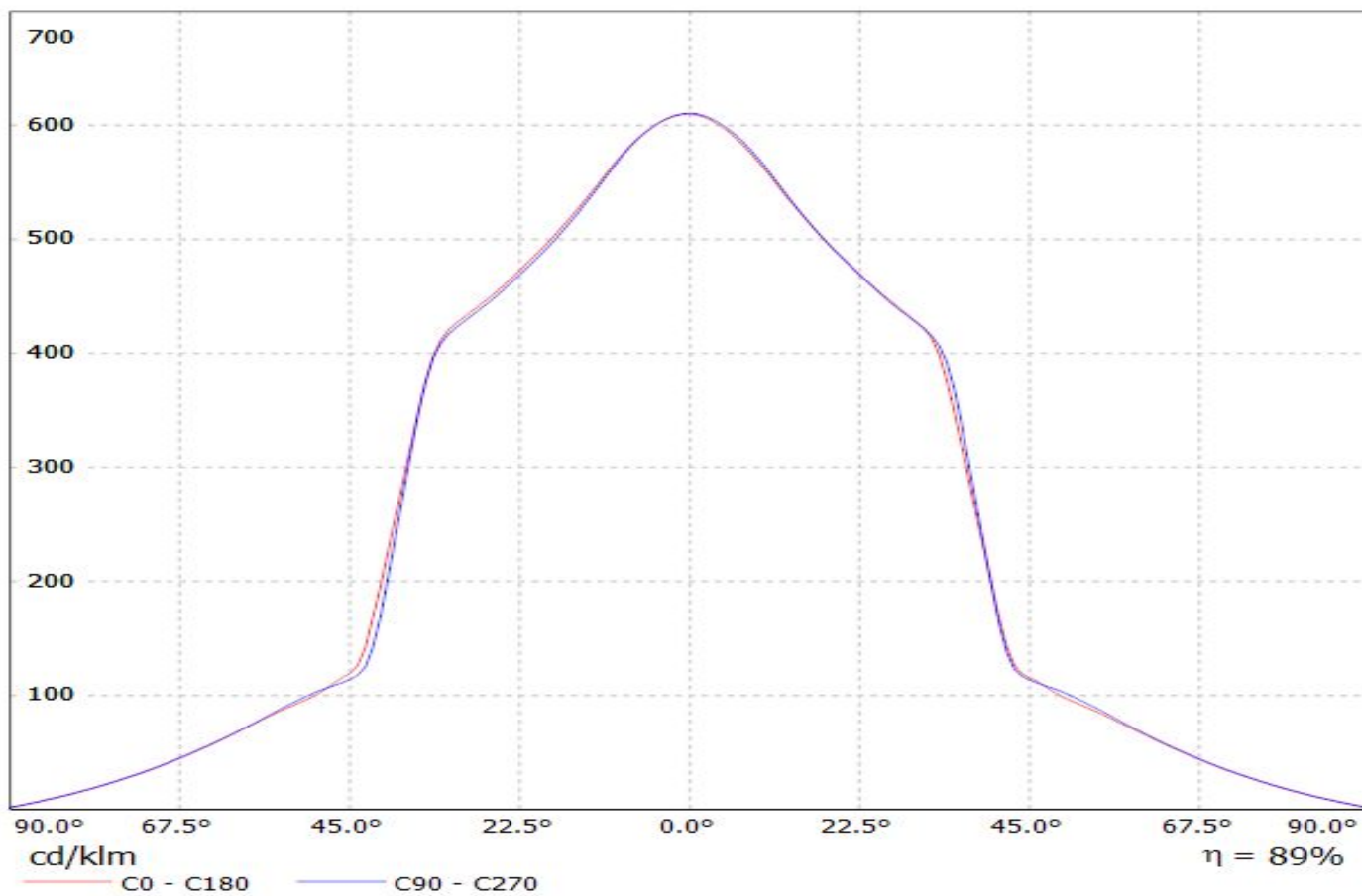
DESIGNED BY
pl
DATE
08.03.2012

SCALE 1:1
WEIGHT (g)
SHEET 1/1

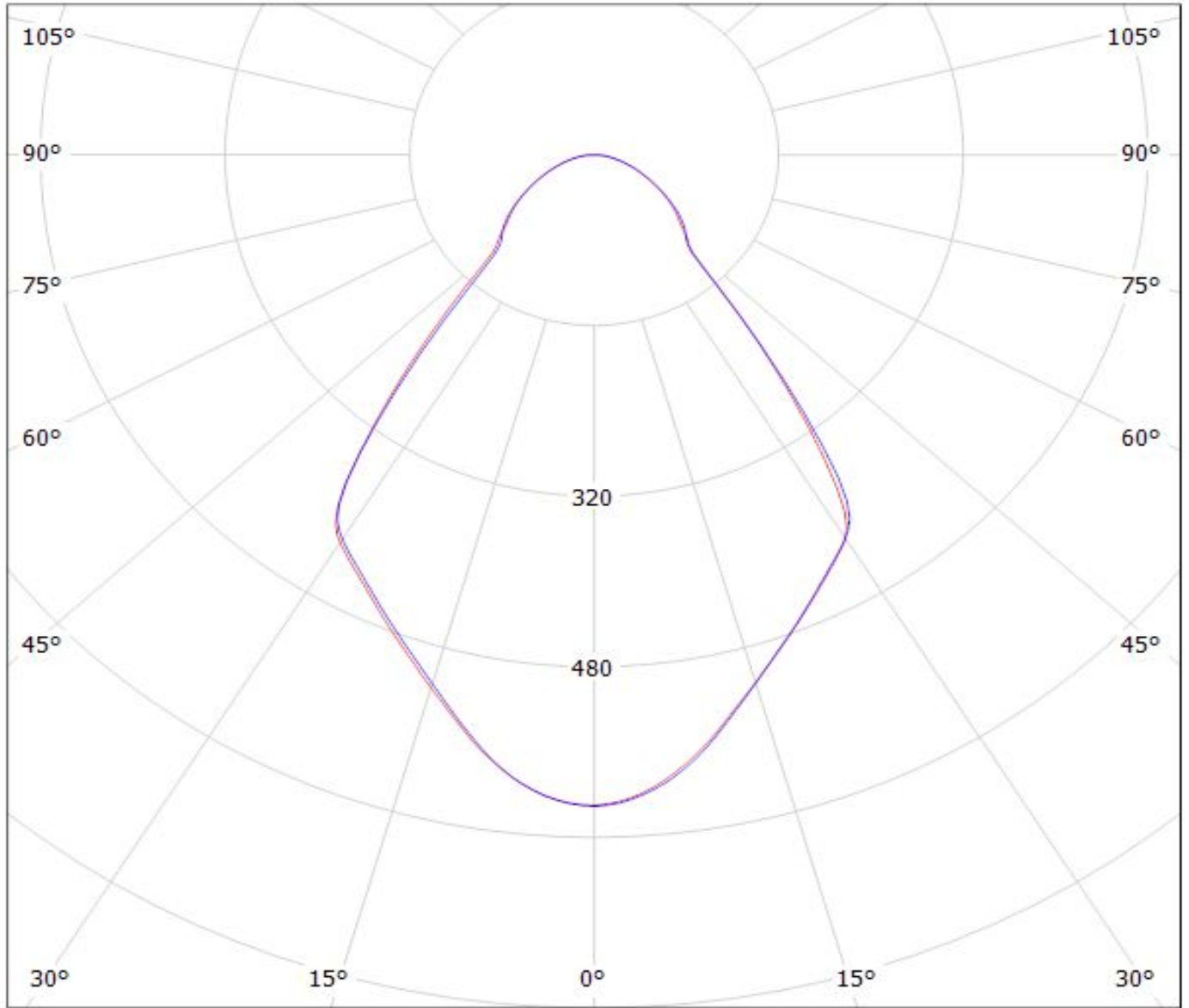
D

A

Luminaire: LEDIL OY CN12960_LENINA-XW Eff.88,8%
Lamps: 1 x BXRA ES Rectangle (790.36lm@250mA)



Luminaire: LEDIL OY CN12960_LENINA-XW Eff.88,8%
Lamps: 1 x BXRA ES Rectangle (790.36lm@250mA)



cd/klm

η = 89%

— C0 - C180

— C90 - C270