

**Ordering number CN12650\_LENINA-S**

Family	Lenina	FWHM	17 degrees
Type	Pack	Efficiency	88 %
LED	CL-L340	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12653\_LENINA-S-DL**

Family	Lenina	FWHM	22 degrees
Type	Pack	Efficiency	80 %
LED	CL-L340	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.1 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12651\_LENINA-M**

Family	Lenina	FWHM	30 degrees
Type	Pack	Efficiency	86 %
LED	CL-L340	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12654\_LENINA-M-DL**

Family	Lenina	FWHM	35 degrees
Type	Pack	Efficiency	78 %
LED	CL-L340	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.1 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12652\_LENINA-W**

Family	Lenina	FWHM	48 degrees
Type	Pack	Efficiency	86 %
LED	CL-L340	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12655\_LENINA-W-DL**

Family	Lenina	FWHM	50 degrees
Type	Pack	Efficiency	78 %
LED	CL-L340	cd/lm	(simulated) 0.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.1 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number CN12969\_LENINA-XW**

Family	Lenina	FWHM	72 degrees
Type	Pack	Efficiency	86 %
LED	CL-L340	cd/lm	0.619
Color	White	Gerber File	Available
Diameter	74 mm		
Height	48.1 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, socket		
Status	On production		

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

**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

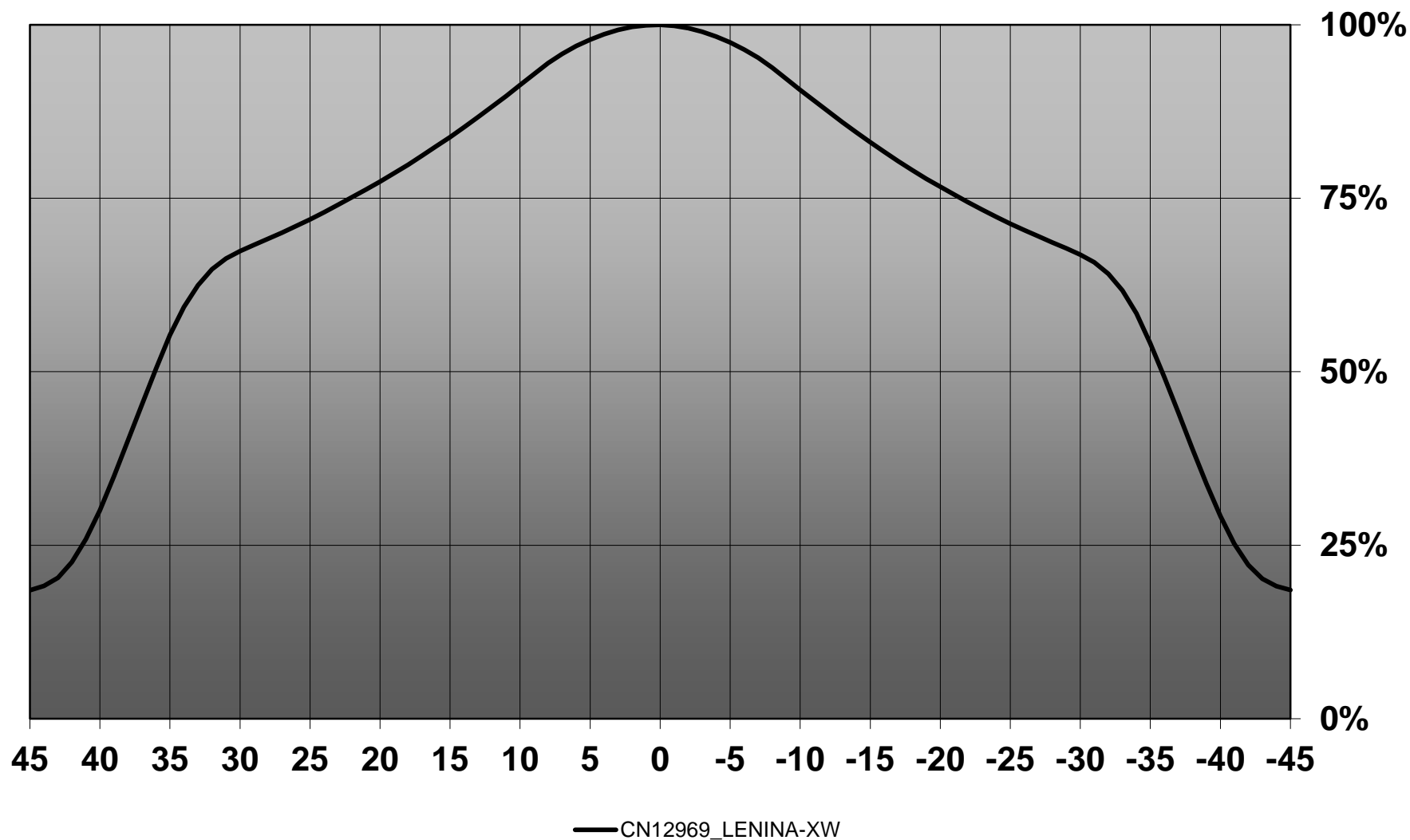
last update 27/9/2012

CITIZEN

#### GENERAL INFORMATION

- Product series especially designed & optimized for CL-L340 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 CN12969\_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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Ledil Oy  
Salorankatu 10  
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

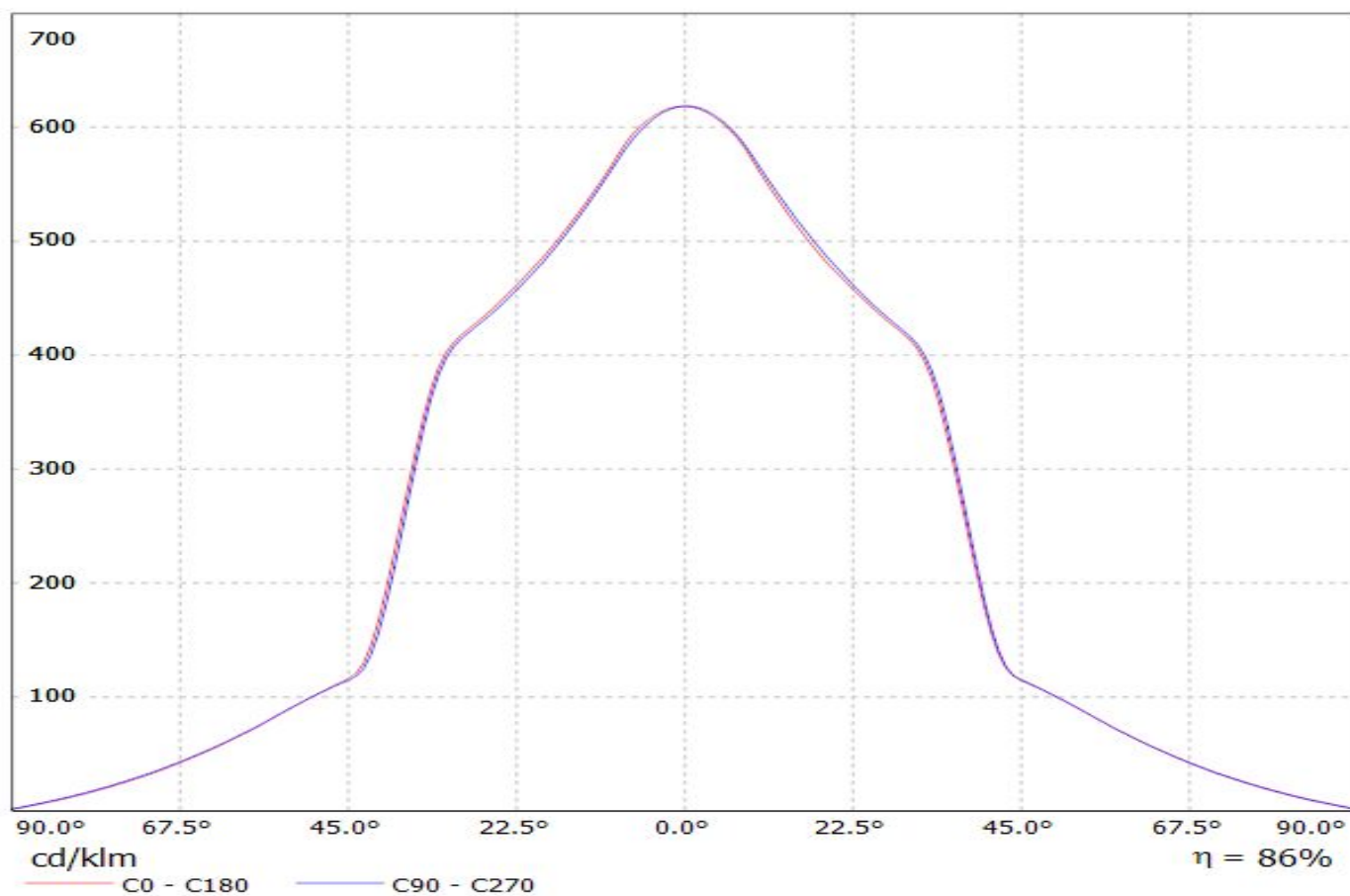
DESIGNED BY  
pl  
DATE  
08.03.2012

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

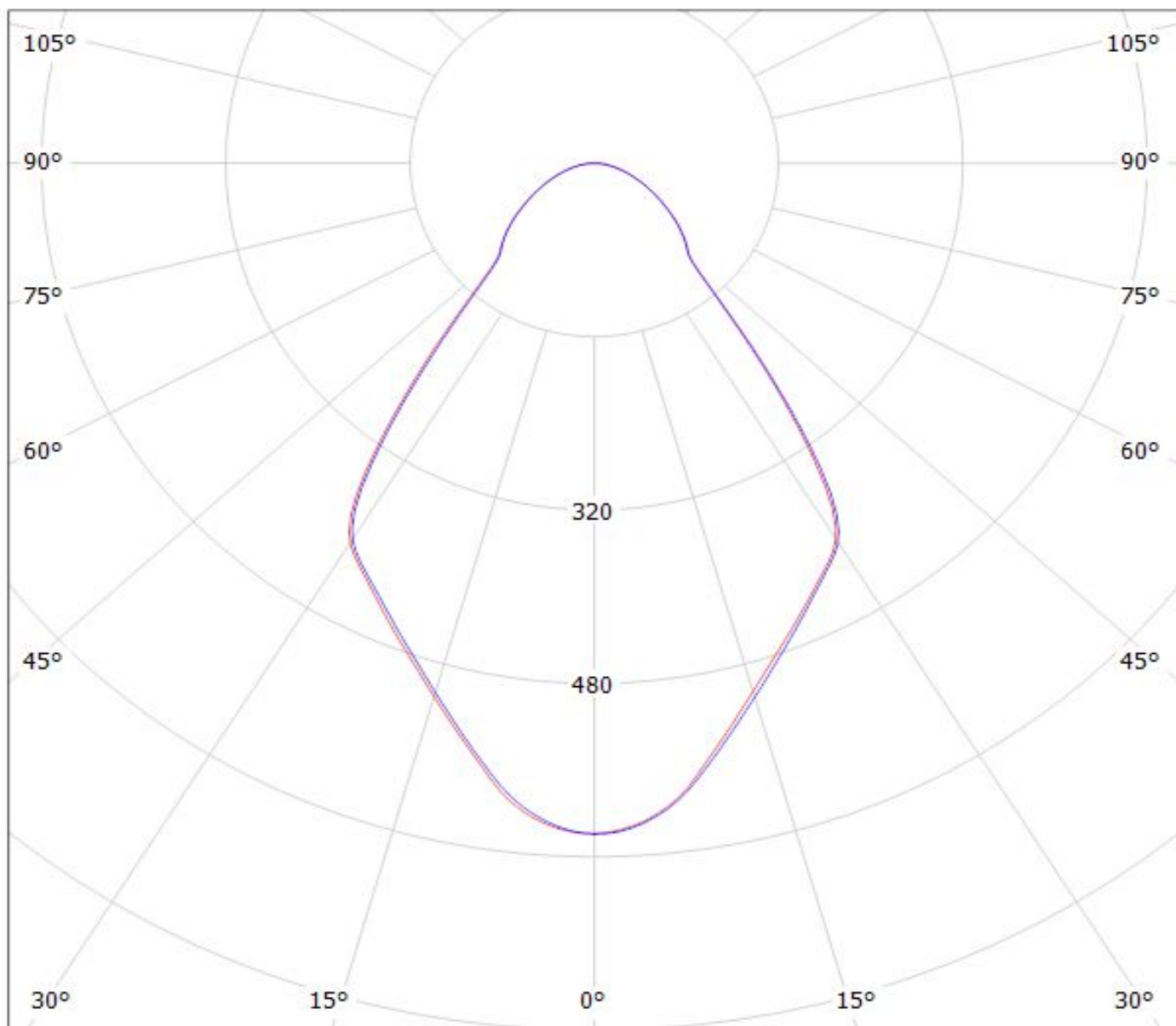
D

A

Luminaire: LEDIL OY CN12969\_LENINA-XW Eff.86.0%  
Lamps: 1 x CL-L340 (1340.35lm@250mA)



Luminaire: LEDIL OY CN12969\_LENINA-XW Eff.86.0%  
Lamps: 1 x CL-L340 (1340.35lm@250mA)



cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$