

**Ordering number** CN12644\_LENINA-S

|                 |                        |             |            |
|-----------------|------------------------|-------------|------------|
| Family          | Lenina                 | FWHM        | 17 degrees |
| Type            | -                      | Efficiency  | 88 %       |
| LED             | Mega Zenigata (GW5DGC) | cd/Im       | -          |
| Color           | Metal                  | Gerber File | Available  |
| Diameter        | 74 mm                  |             |            |
| Height          | 45.6 mm                |             |            |
| Style           | Round                  |             |            |
| Optic Material  | PC                     |             |            |
| Holder Material | PC                     |             |            |
| Fastening       | Screw                  |             |            |
| Status          | Ready                  |             |            |

**Ordering number** CN12645\_LENINA-M

|                 |                        |             |            |
|-----------------|------------------------|-------------|------------|
| Family          | Lenina                 | FWHM        | 21 degrees |
| Type            | -                      | Efficiency  | 86 %       |
| LED             | Mega Zenigata (GW5DGC) | cd/Im       | -          |
| Color           | Metal                  | Gerber File | Available  |
| Diameter        | 74 mm                  |             |            |
| Height          | 45.6 mm                |             |            |
| Style           | Round                  |             |            |
| Optic Material  | PC                     |             |            |
| Holder Material | PC                     |             |            |
| Fastening       | Screw                  |             |            |
| Status          | Ready                  |             |            |

**Ordering number** CN12648\_LENINA-M-DL

|                 |                        |             |            |
|-----------------|------------------------|-------------|------------|
| Family          | Lenina                 | FWHM        | 22 degrees |
| Type            | -                      | Efficiency  | 78 %       |
| LED             | Mega Zenigata (GW5DGC) | cd/Im       | -          |
| Color           | Metal                  | Gerber File | Available  |
| Diameter        | 74 mm                  |             |            |
| Height          | 47.7 mm                |             |            |
| Style           | Round                  |             |            |
| Optic Material  | PC                     |             |            |
| Holder Material | PC                     |             |            |
| Fastening       | Screw                  |             |            |
| Status          | Ready                  |             |            |

**Ordering number** CN12647\_LENINA-S-DL

|                 |                        |             |            |
|-----------------|------------------------|-------------|------------|
| Family          | Lenina                 | FWHM        | 24 degrees |
| Type            | -                      | Efficiency  | 80 %       |
| LED             | Mega Zenigata (GW5DGC) | cd/Im       | 2.800      |
| Color           | Metal                  | Gerber File | Available  |
| Diameter        | 74 mm                  |             |            |
| Height          | 47.7 mm                |             |            |
| Style           | Round                  |             |            |
| Optic Material  | PC                     |             |            |
| Holder Material | PC                     |             |            |
| Fastening       | Screw                  |             |            |
| Status          | Ready                  |             |            |

**Ordering number** CN12646\_LENINA-W

|                 |                        |             |            |
|-----------------|------------------------|-------------|------------|
| Family          | Lenina                 | FWHM        | 41 degrees |
| Type            | -                      | Efficiency  | 86 %       |
| LED             | Mega Zenigata (GW5DGC) | cd/Im       | -          |
| Color           | Metal                  | Gerber File | Available  |
| Diameter        | 74 mm                  |             |            |
| Height          | 45.6 mm                |             |            |
| Style           | Round                  |             |            |
| Optic Material  | PC                     |             |            |
| Holder Material | PC                     |             |            |
| Fastening       | Screw                  |             |            |
| Status          | Ready                  |             |            |

**Ordering number** CN12649\_LENINA-W-DL

|                 |                        |             |            |
|-----------------|------------------------|-------------|------------|
| Family          | Lenina                 | FWHM        | 45 degrees |
| Type            | -                      | Efficiency  | 78 %       |
| LED             | Mega Zenigata (GW5DGC) | cd/Im       | -          |
| Color           | Metal                  | Gerber File | Available  |
| Diameter        | 74 mm                  |             |            |
| Height          | 47.7 mm                |             |            |
| Style           | Round                  |             |            |
| Optic Material  | PC                     |             |            |
| Holder Material | PC                     |             |            |
| Fastening       | Screw                  |             |            |
| Status          | Ready                  |             |            |

**Ordering number** CN12962\_LENINA-XW

|                 |                        |             |            |
|-----------------|------------------------|-------------|------------|
| Family          | Lenina                 | FWHM        | 73 degrees |
| Type            | -                      | Efficiency  | 90 %       |
| LED             | Mega Zenigata (GW5DGC) | cd/Im       | 0.630      |
| Color           | White                  | Gerber File | Available  |
| Diameter        | 74 mm                  |             |            |
| Height          | 45.6 mm                |             |            |
| Style           | Round                  |             |            |
| Optic Material  | PC                     |             |            |
| Holder Material | PC                     |             |            |
| Fastening       | Socket                 |             |            |
| Status          | Ready                  |             |            |

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

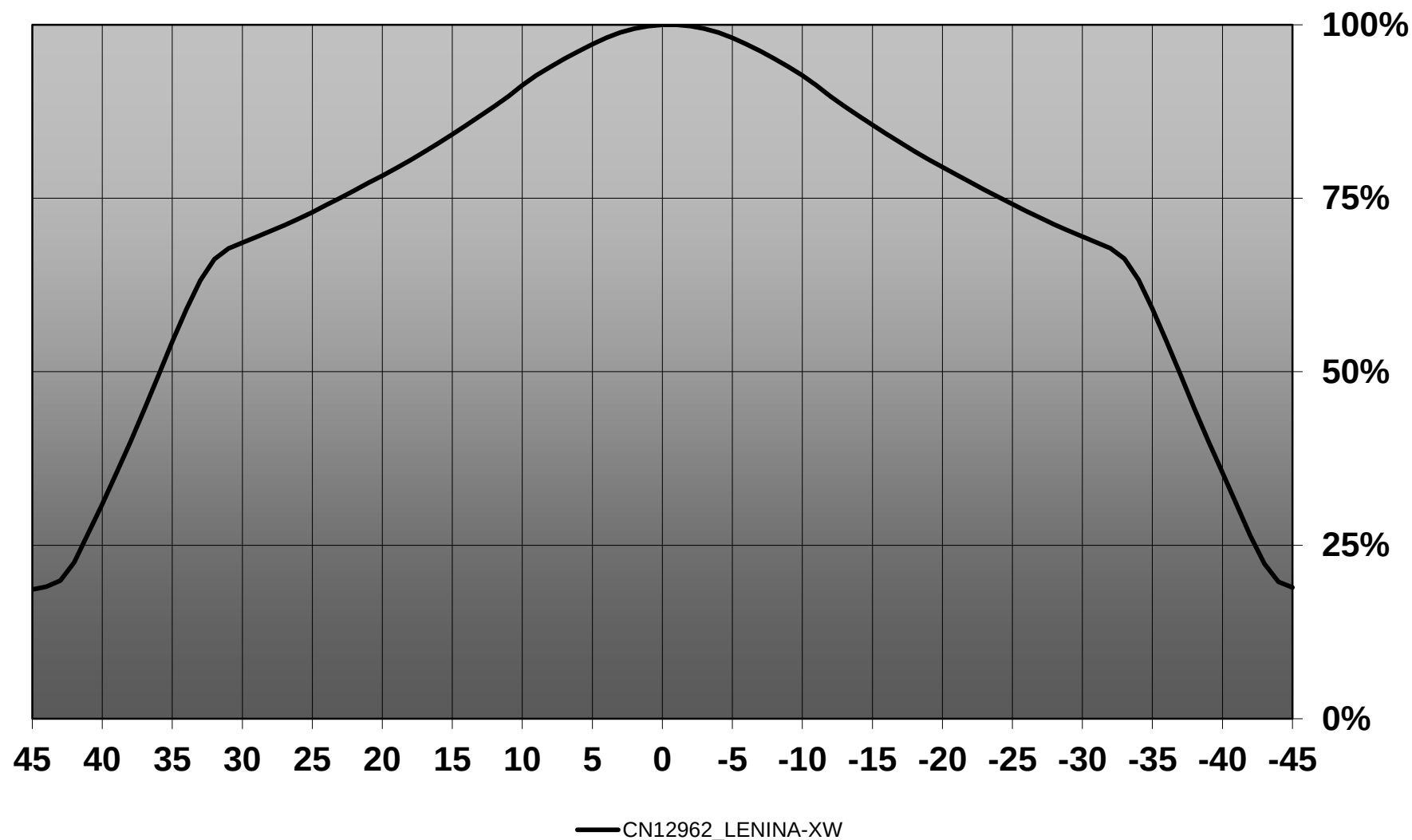
last update 27/9/2012

**SHARP**

#### GENERAL INFORMATION

- Product series especially designed & optimized for Mega Zenigata (GW5DGC) 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 CN12962\_LENINA-XW**



4

3

2

1

D

C

B

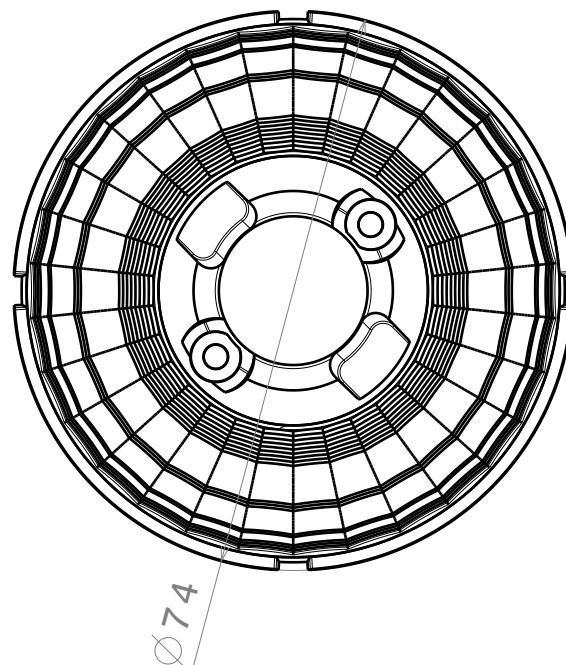
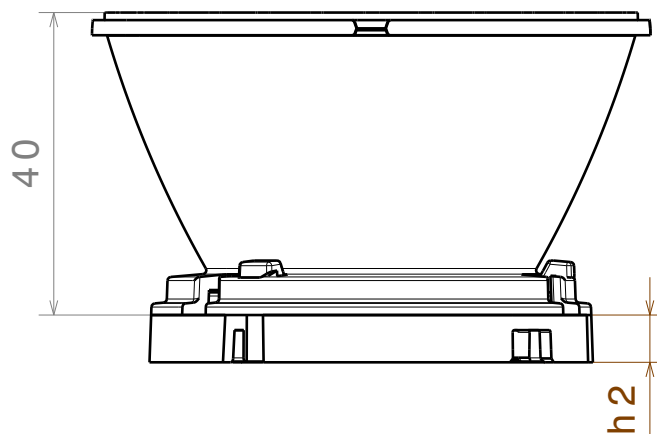
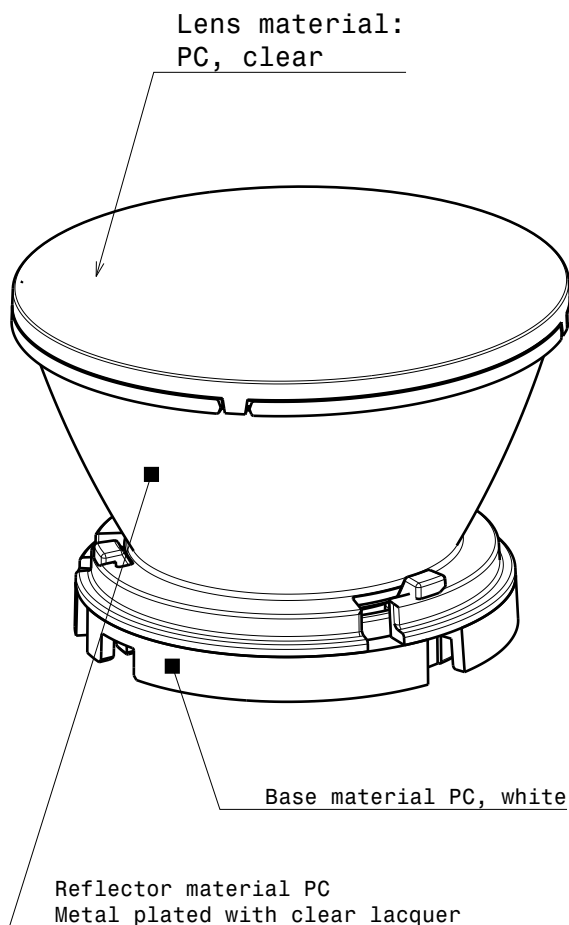
A

4

3

2

1



#### 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

This drawing is our property.  
It can't be reproduced  
or communicated without  
our written agreement.



Ledil Oy  
Salorankatu 10  
FIN-24240 SALO  
Finland

#### DRAWING TITLE

Datasheet Lenina series

DRAWN BY  
pl

DATE  
08.03.2012

CHECKED BY

DATE

SIZE  
A4

DRAWING NUMBER

--

REV  
1

DESIGNED BY  
pl

DATE  
08.03.2012

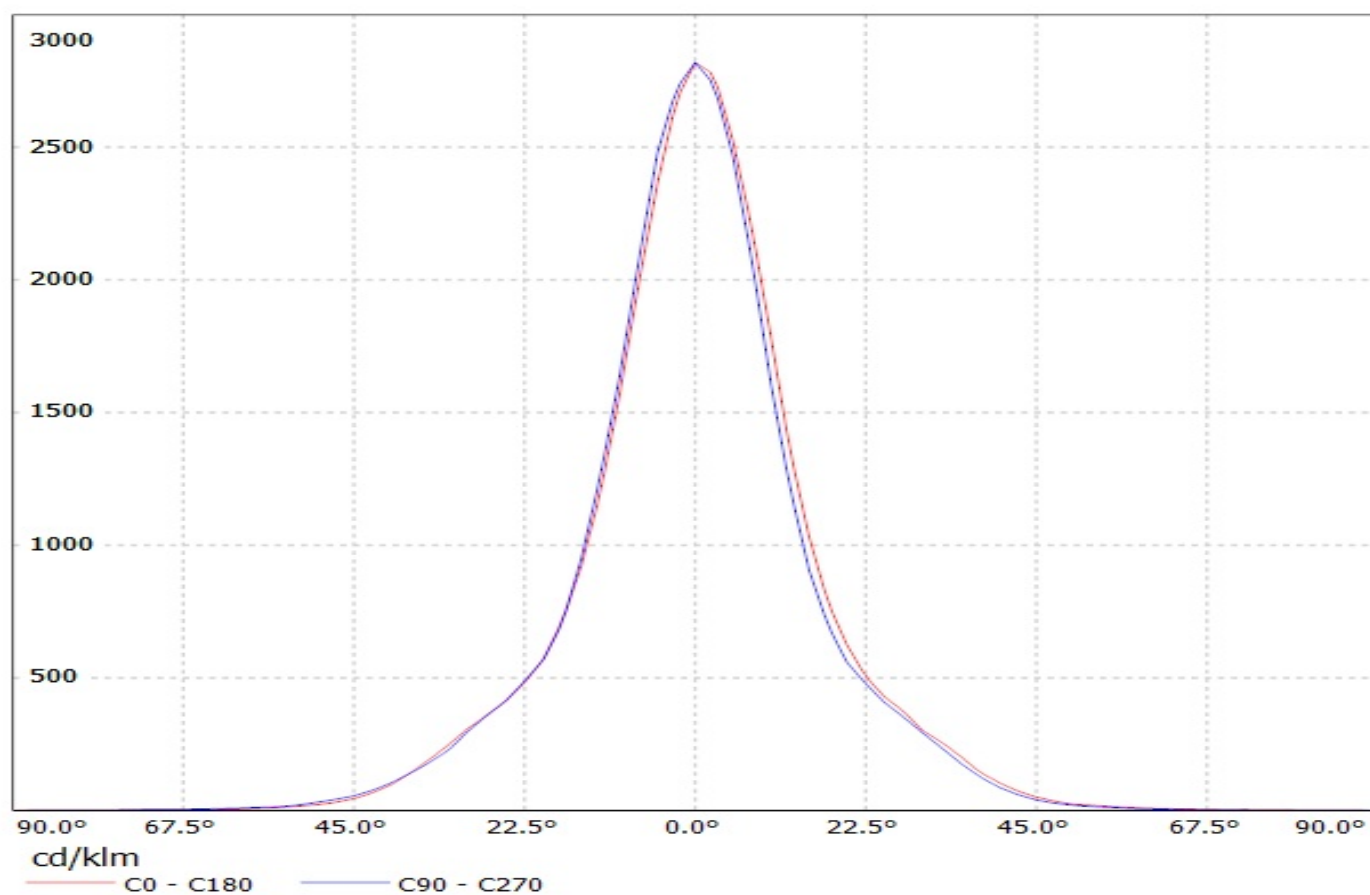
SCALE 1:1 WEIGHT (g)

SHEET 1/1

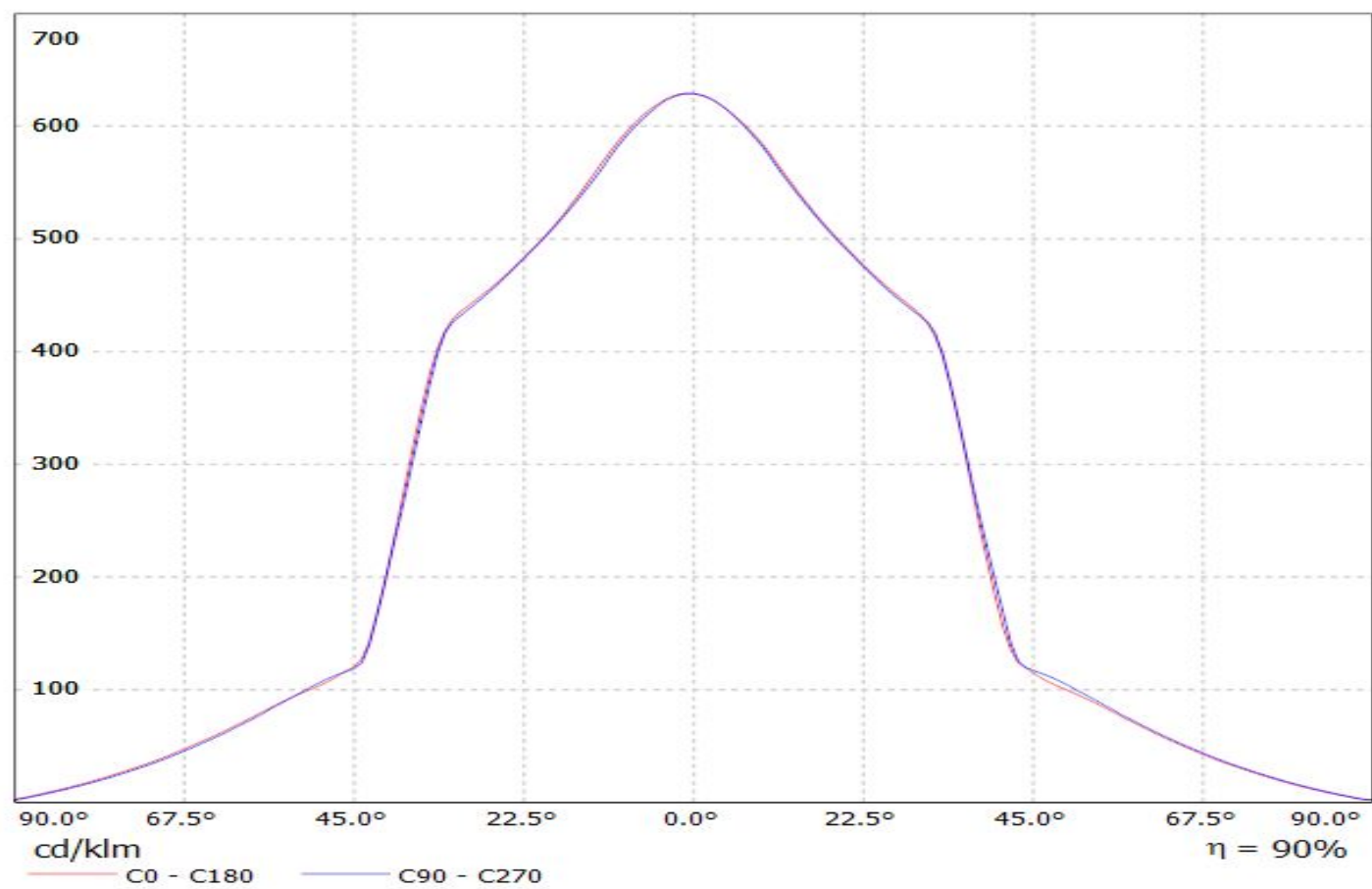
D

A

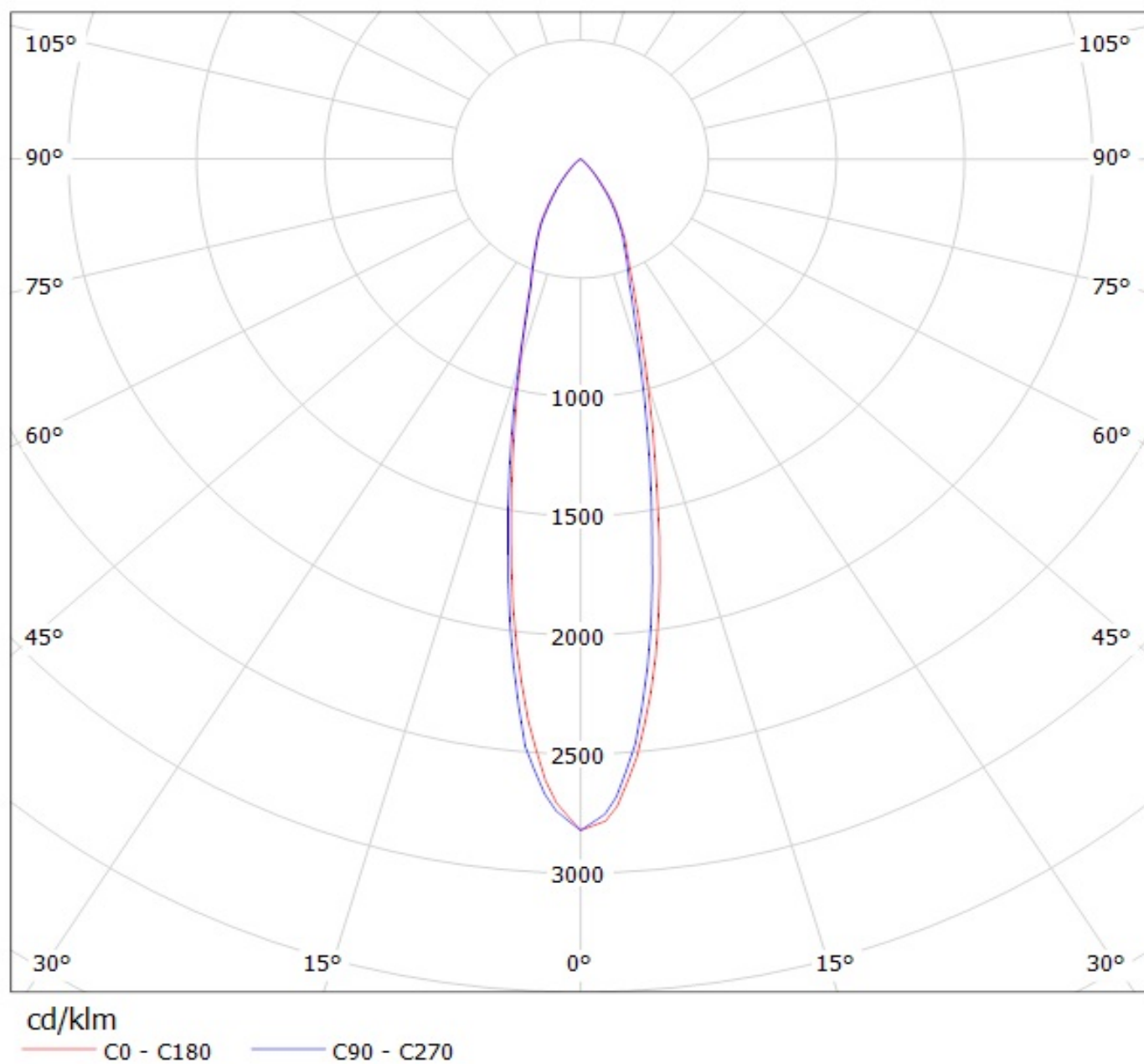
Luminaire: Ledil Oy CN12647\_LENINA-S-DL (Megazenigata 867lm @ 250mA) Efficiency=82%  
Lamps: 1 x Megazenigata 867lm @ 250mA



Luminaire: LEDIL OY CN12962\_LENINA-XW Eff.90.1%  
Lamps: 1 x MegaZen (884.6lm@250mA)



Luminaire: Ledil Oy CN12647\_LENINA-S-DL (Megazenigata 867lm @ 250mA) Efficiency=82%  
Lamps: 1 x Megazenigata 867lm @ 250mA





Luminaire: LEDIL OY CN12962\_LENINA-XW Eff.90.1%  
Lamps: 1 x MegaZen (884.6lm@250mA)

