

**Ordering number CN12644_LENINA-S**

| | | | |
|-----------------|----------------------|-------------|------------|
| Family | Lenina | FWHM | 18 degrees |
| Type | Pack | Efficiency | 88 % |
| LED | LUXEON CoB 1204/1205 | cd/Im | 4.500 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 45.6 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | PC | | |
| Fastening | Screw | | |
| Status | On production | | |

**Ordering number CN12647_LENINA-S-DL**

| | | | |
|-----------------|----------------------|-------------|------------|
| Family | Lenina | FWHM | 19 degrees |
| Type | Pack | Efficiency | 84 % |
| LED | LUXEON CoB 1204/1205 | cd/Im | 3.600 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 47.7 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | PC | | |
| Fastening | Screw | | |
| Status | On production | | |

**Ordering number CN12645_LENINA-M**

| | | | |
|-----------------|----------------------|-------------|------------|
| Family | Lenina | FWHM | 28 degrees |
| Type | Pack | Efficiency | 87 % |
| LED | LUXEON CoB 1204/1205 | cd/Im | 2.200 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 45.6 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | PC | | |
| Fastening | Screw | | |
| Status | On production | | |

**Ordering number CN12648_LENINA-M-DL**

| | | | |
|-----------------|----------------------|-------------|------------|
| Family | Lenina | FWHM | 30 degrees |
| Type | Pack | Efficiency | 82 % |
| LED | LUXEON CoB 1204/1205 | cd/Im | 1.800 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 47.7 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | PC | | |
| Fastening | Screw | | |
| Status | On production | | |

**Ordering number** CN12646_LENINA-W

| | | | |
|-----------------|----------------------|-------------|------------|
| Family | Lenina | FWHM | 55 degrees |
| Type | Pack | Efficiency | 89 % |
| LED | LUXEON CoB 1204/1205 | cd/Im | 1.100 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 45.6 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | PC | | |
| Fastening | Screw | | |
| Status | On production | | |

**Ordering number** CN12649_LENINA-W-DL

| | | | |
|-----------------|----------------------|-------------|------------|
| Family | Lenina | FWHM | 57 degrees |
| Type | Pack | Efficiency | 84 % |
| LED | LUXEON CoB 1204/1205 | cd/Im | 1.000 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 47.7 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | PC | | |
| Fastening | Screw | | |
| Status | On production | | |

**Ordering number** CN12962_LENINA-XW

| | | | |
|-----------------|----------------------|-------------|------------|
| Family | Lenina | FWHM | 73 degrees |
| Type | Pack | Efficiency | 90 % |
| LED | LUXEON CoB 1204/1205 | cd/Im | 0.600 |
| Color | White | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 45.6 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 18/6/2013

PHILIPS
LUMILEDS

GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON CoB 1204/1205 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).

4

3

2

1

D

C

B

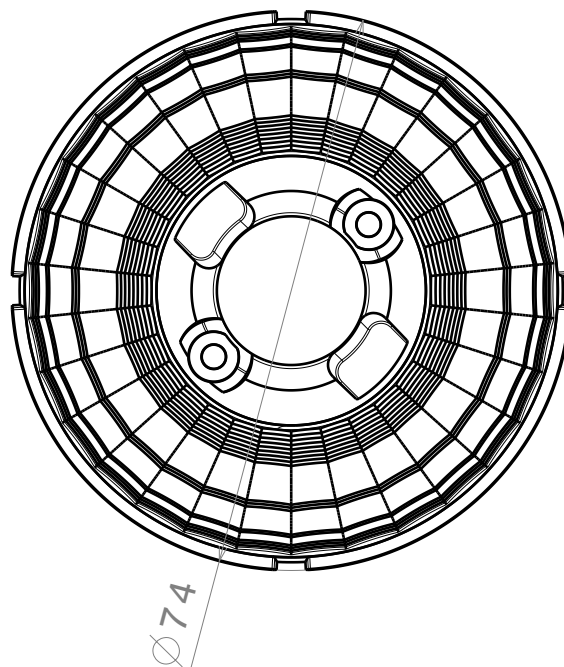
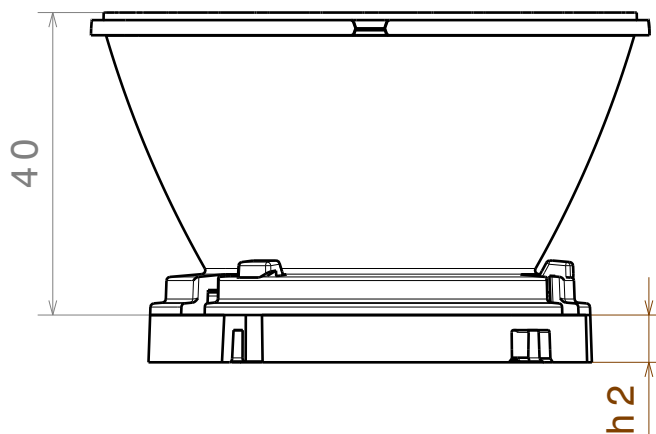
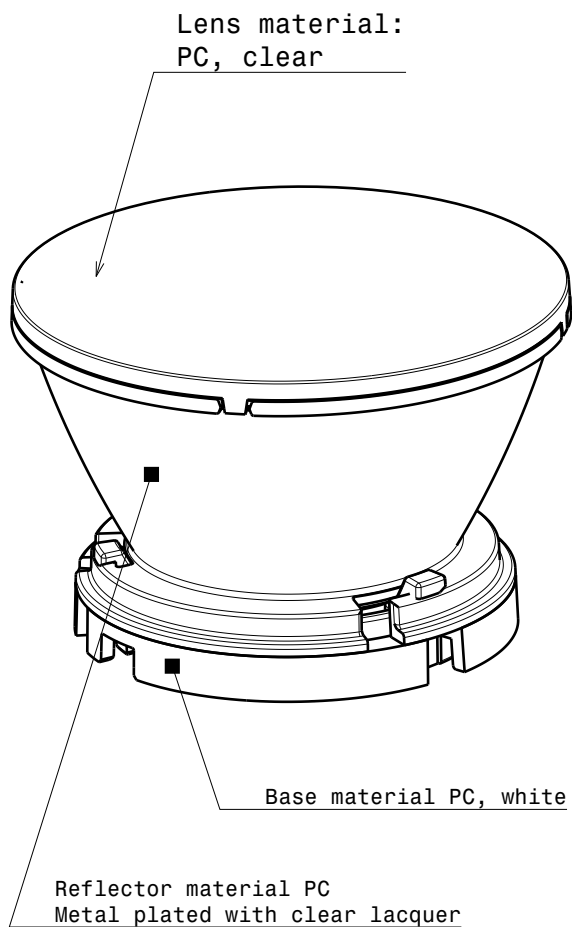
A

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

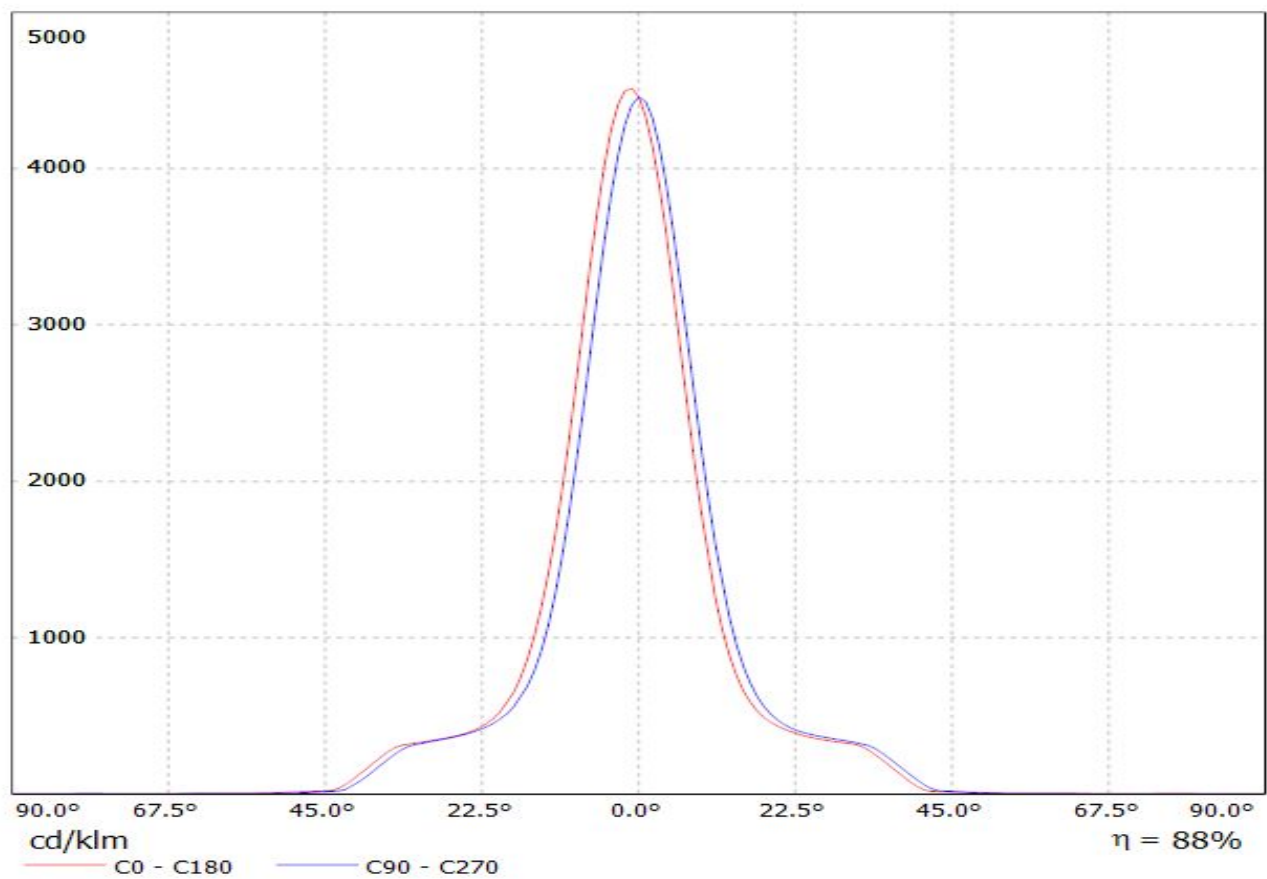
SCALE 1:1 WEIGHT (g)

SHEET 1/1

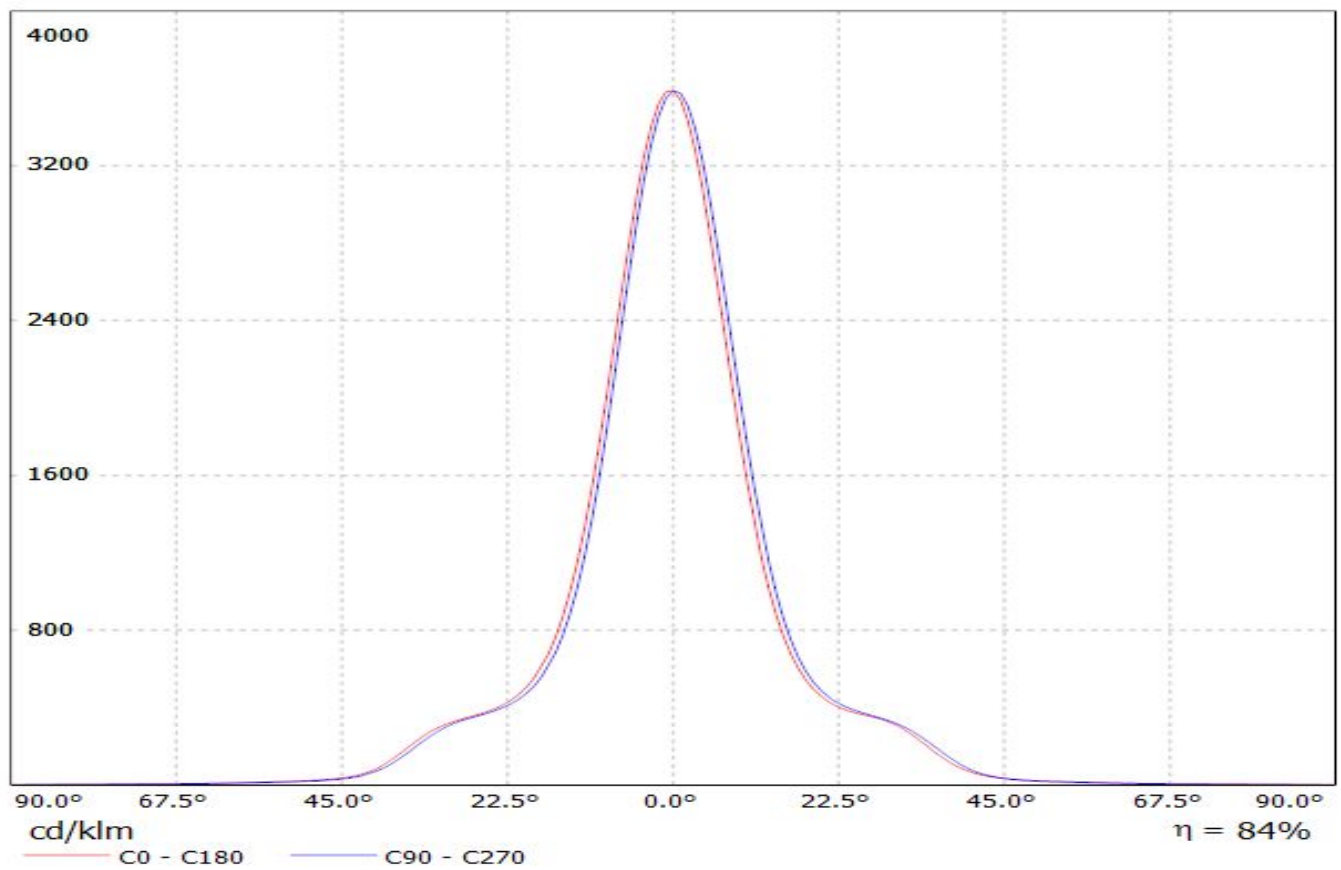
D

A

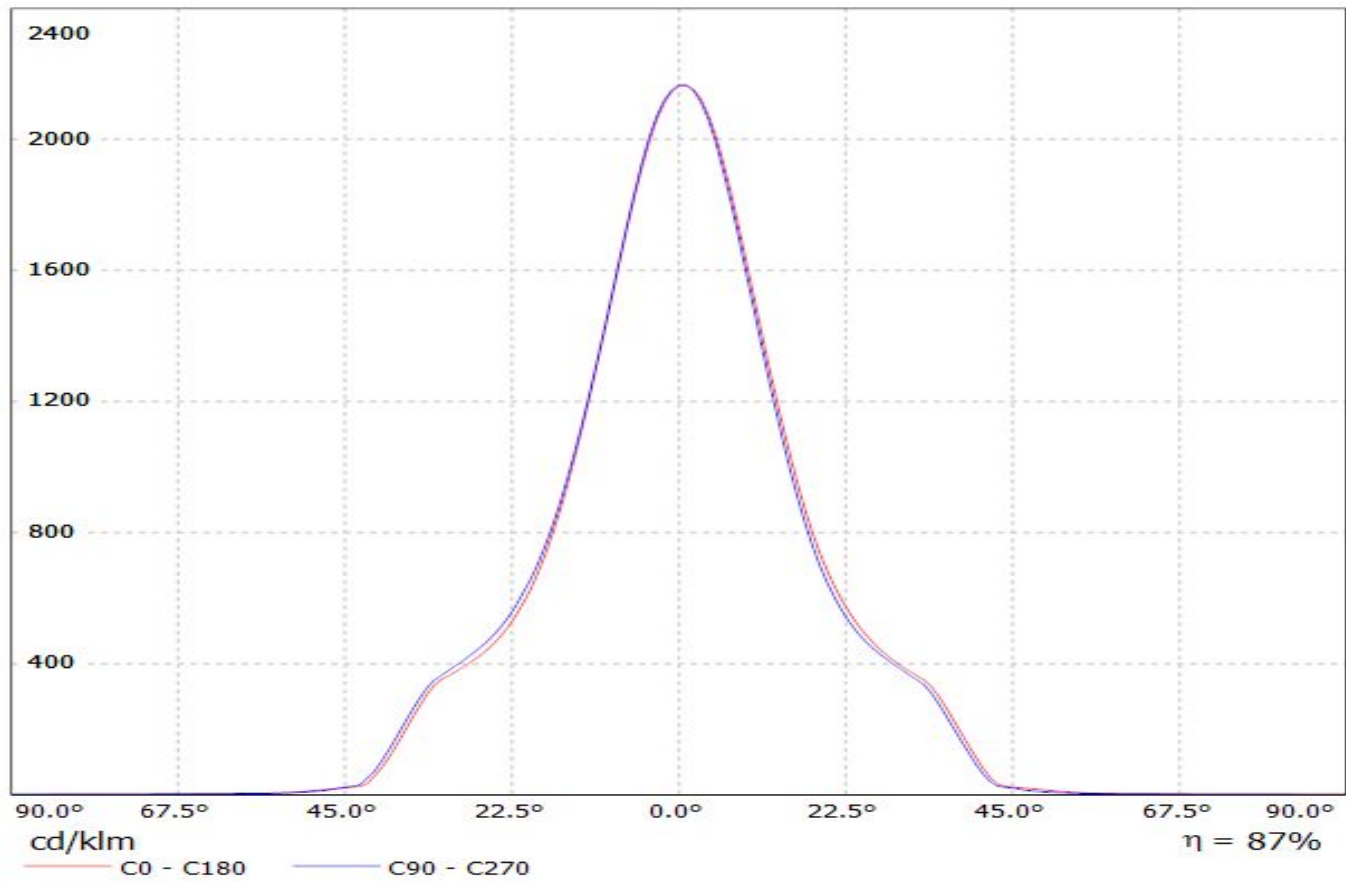
Luminaire: LEDiL Oy CN12644_LENINA-S_(LUXEON_CoB_1205) Eff: 88 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



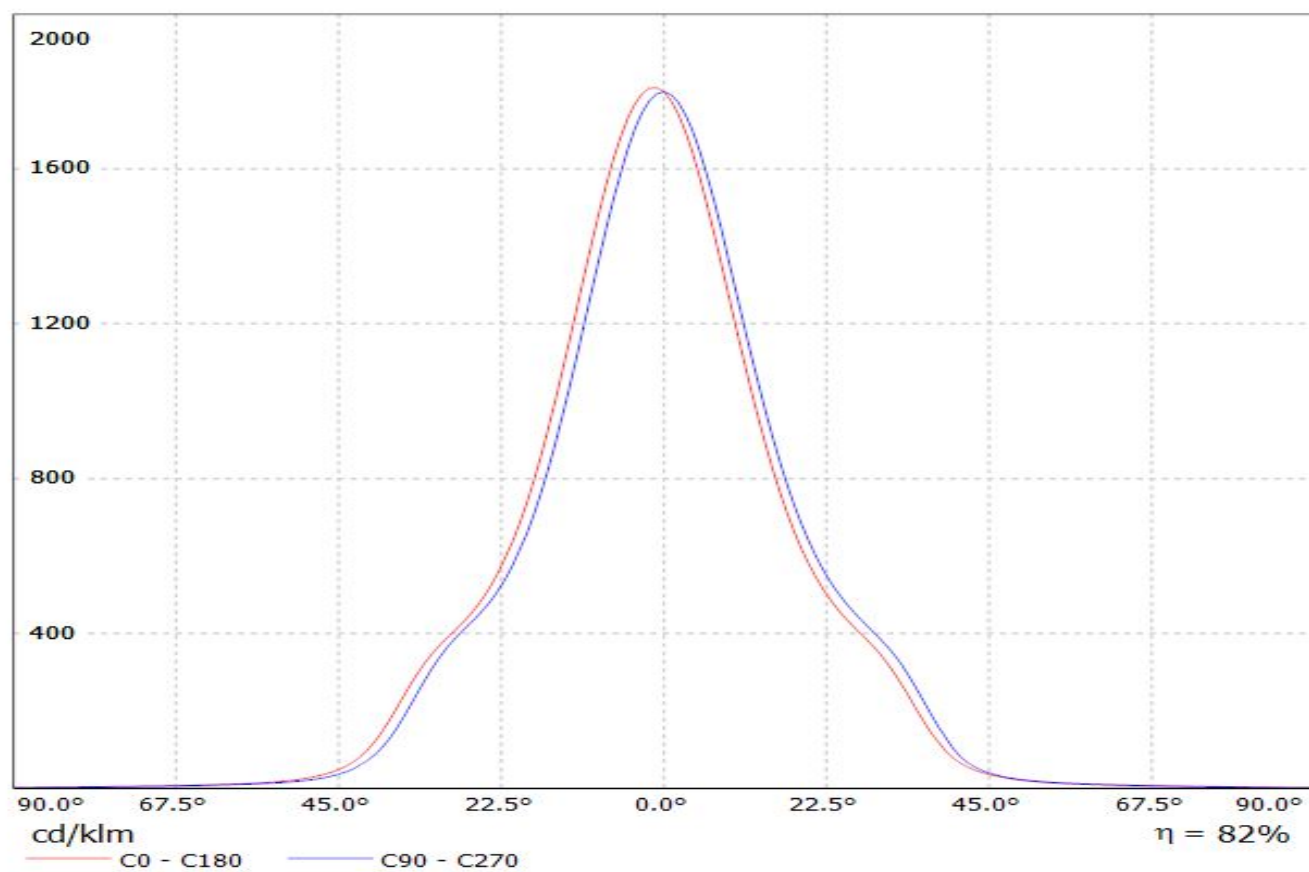
Luminaire: LEDiL Oy CN12647_LENINA-S-DL_(LUXEON_CoB_1205) Eff: 84 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



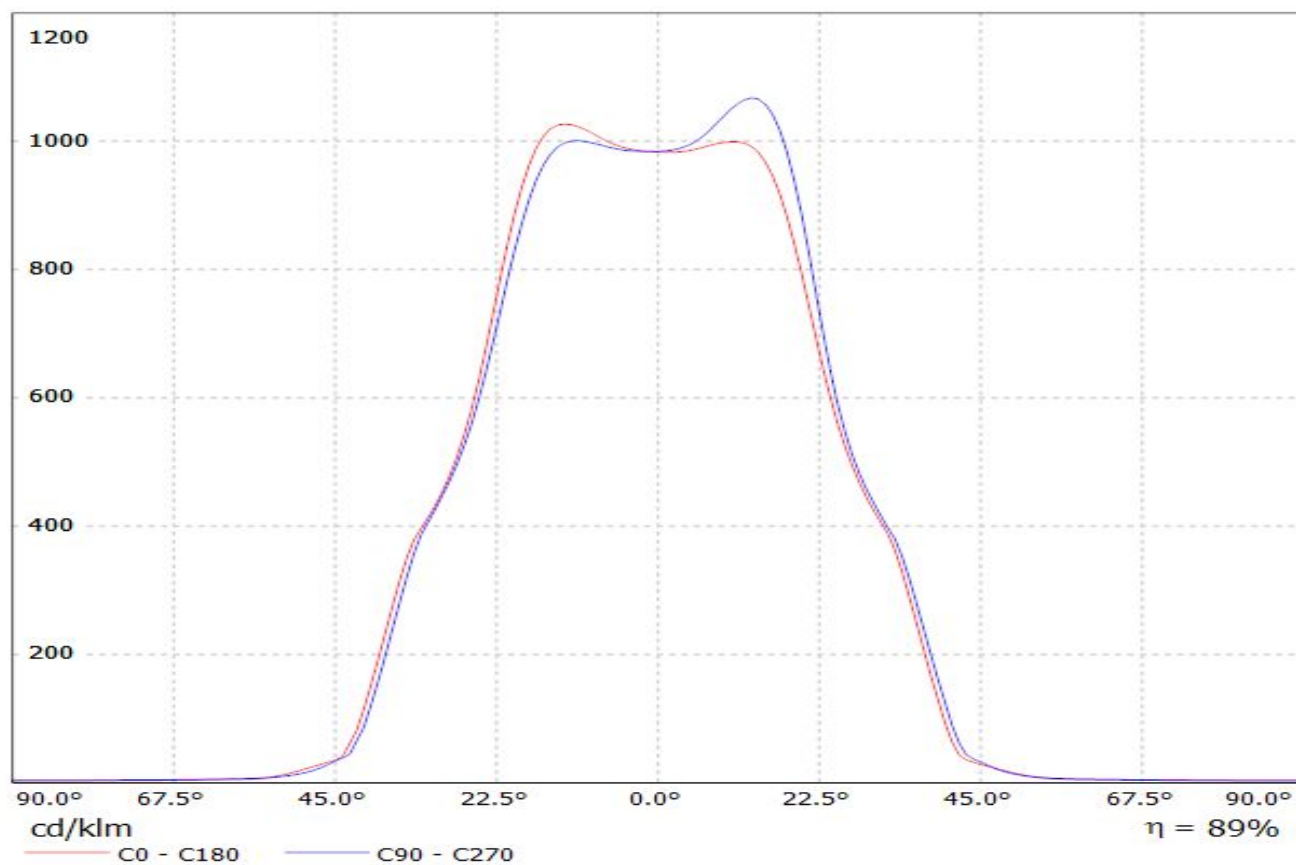
Luminaire: LEDiL Oy CN12645_LENINA-M_(LUXEON-CoB_1205) Eff: 87 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



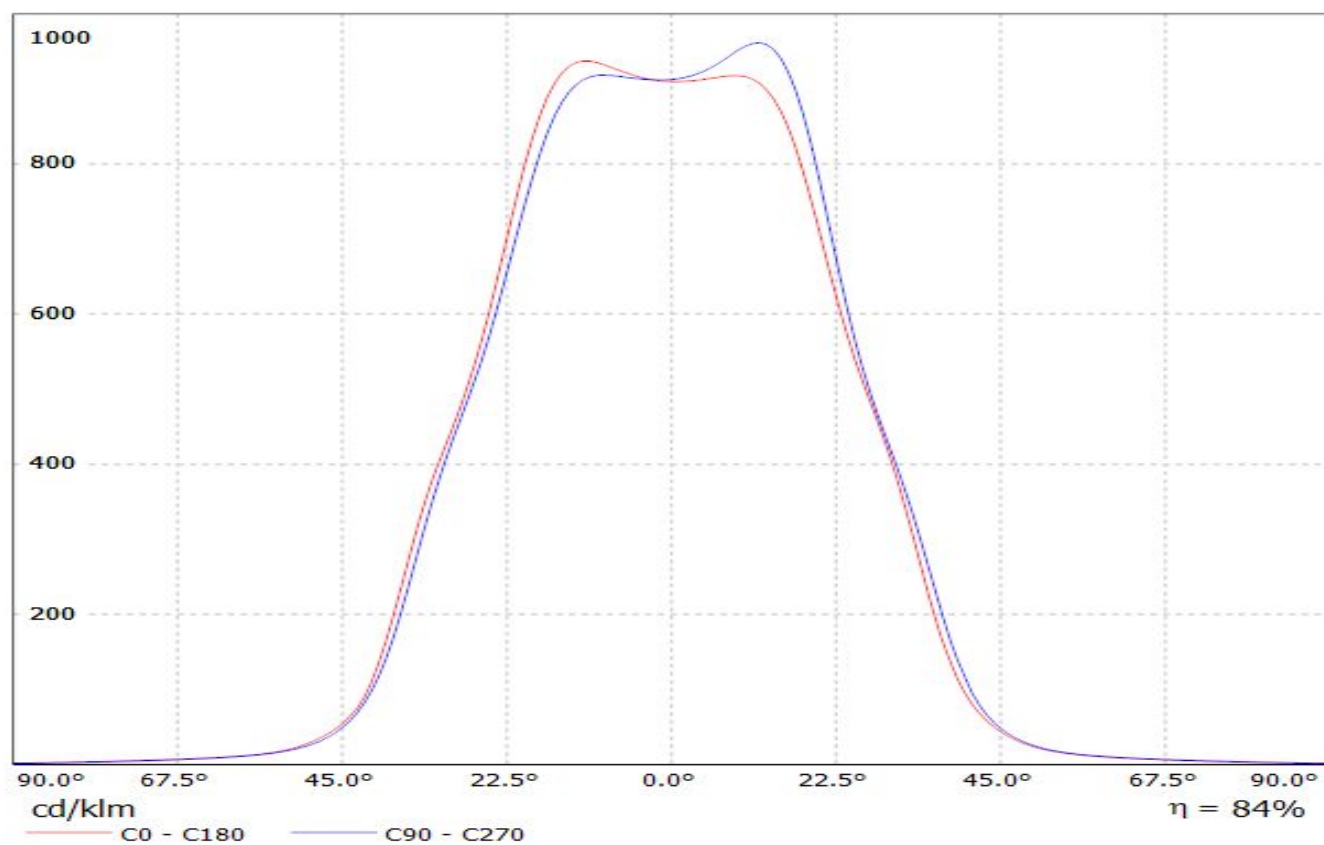
Luminaire: LEDiL Oy CN12648_LENINA-M-DL_(LUXEON_CoB_1205) Eff: 82 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



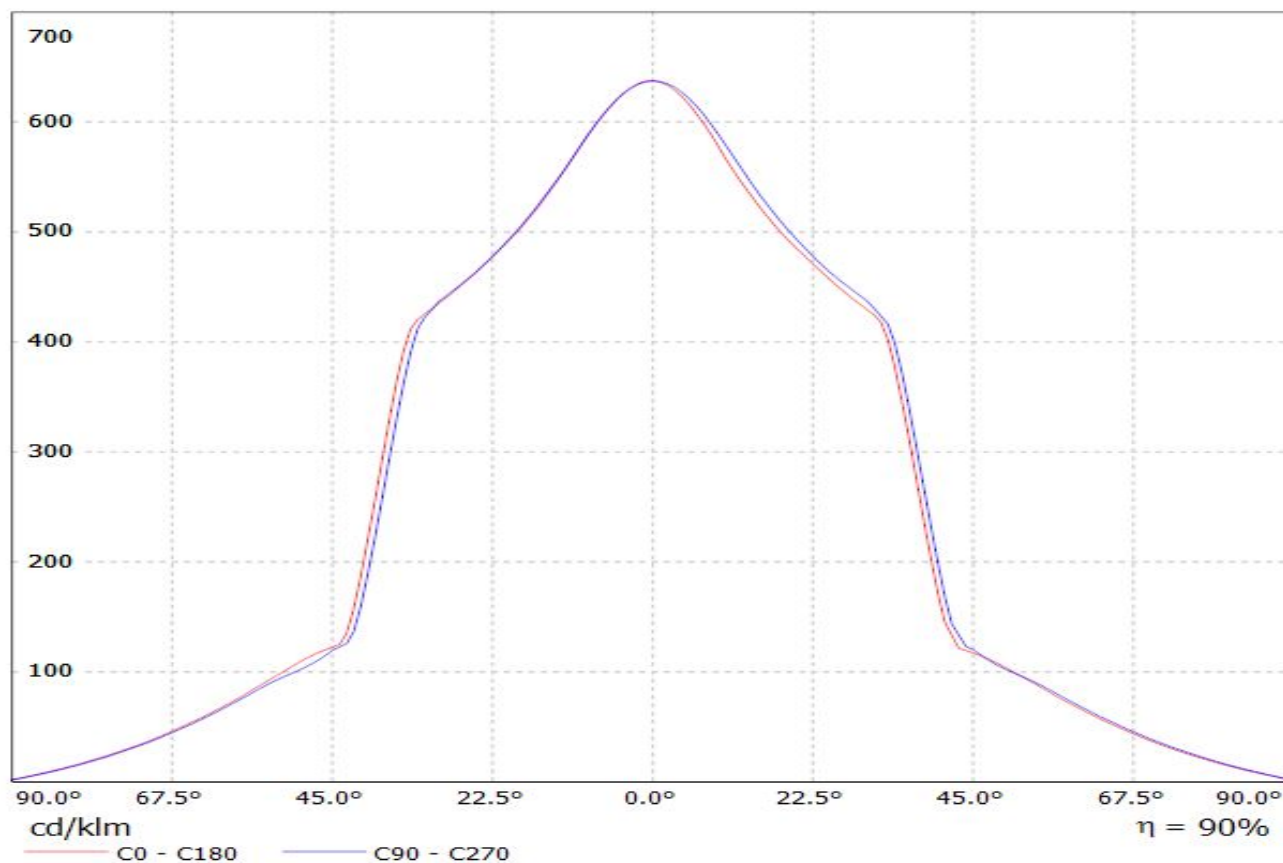
Luminaire: LEDiL Oy CN12646_LENINA-W_(Luxeon_CoB_1205) Eff: 89 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12649_LENINA-W-DL (LUXEON_CoB_1205) Eff: 84 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

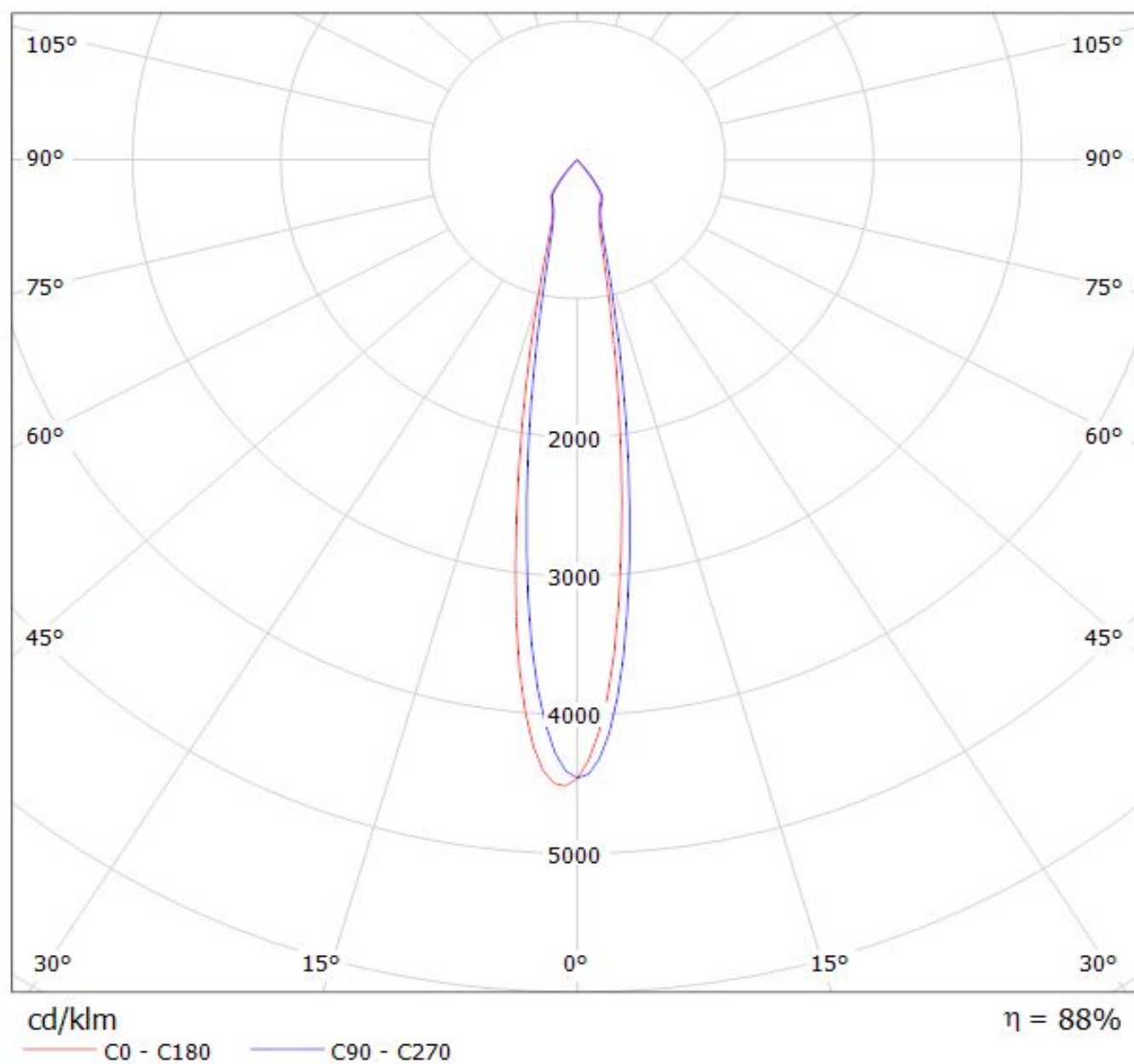


Luminaire: LEDiL Oy CN12962 LENINA-XW_(Luxeon_CoB_1205) Eff: 90 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

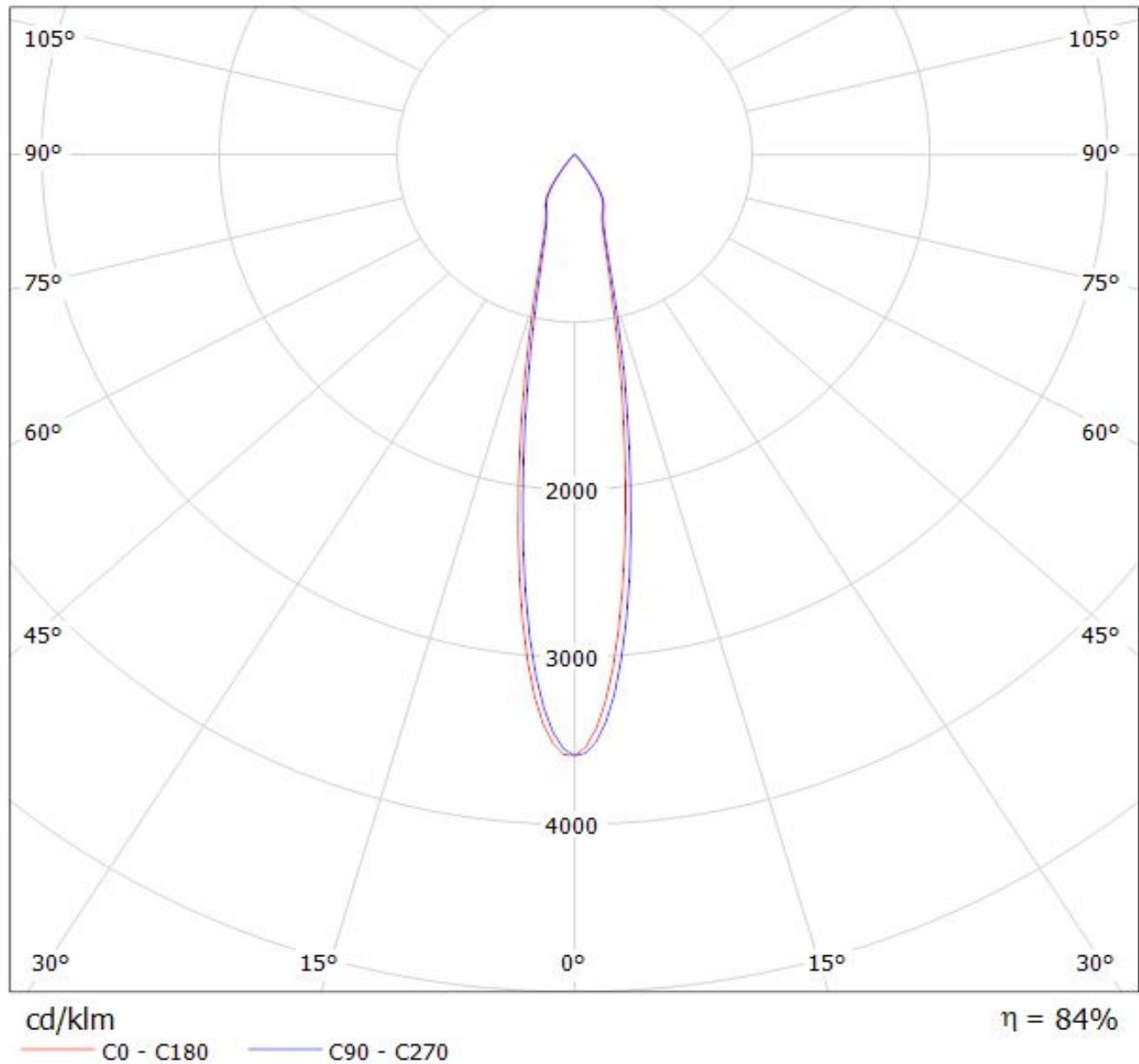


Luminaire: LEDiL Oy CN12644_LENINA-S_(LUXEON_CoB_1205) Eff: 88 %

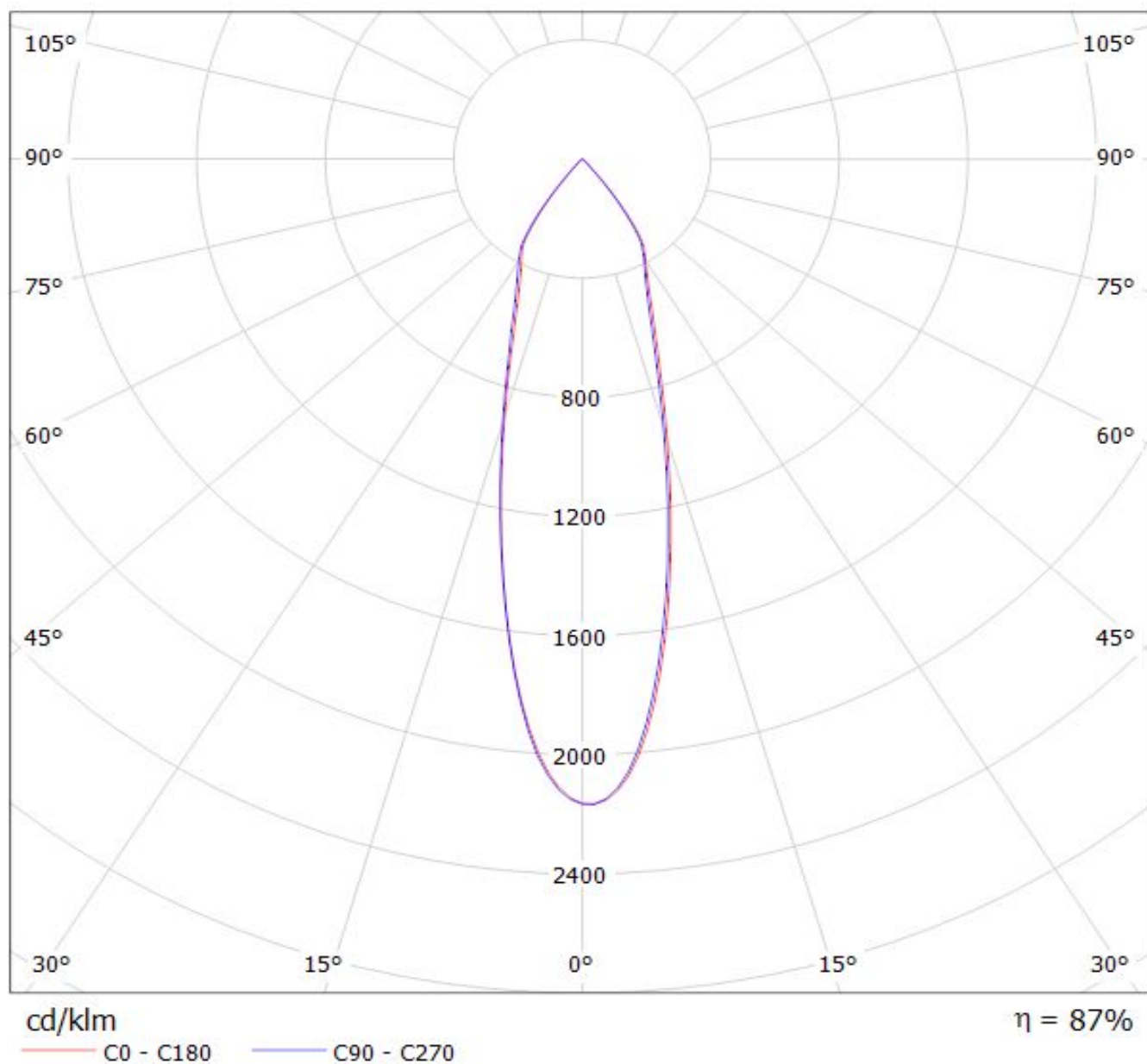
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12647_LENINA-S-DL_(LUXEON_CoB_1205) Eff. 84 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

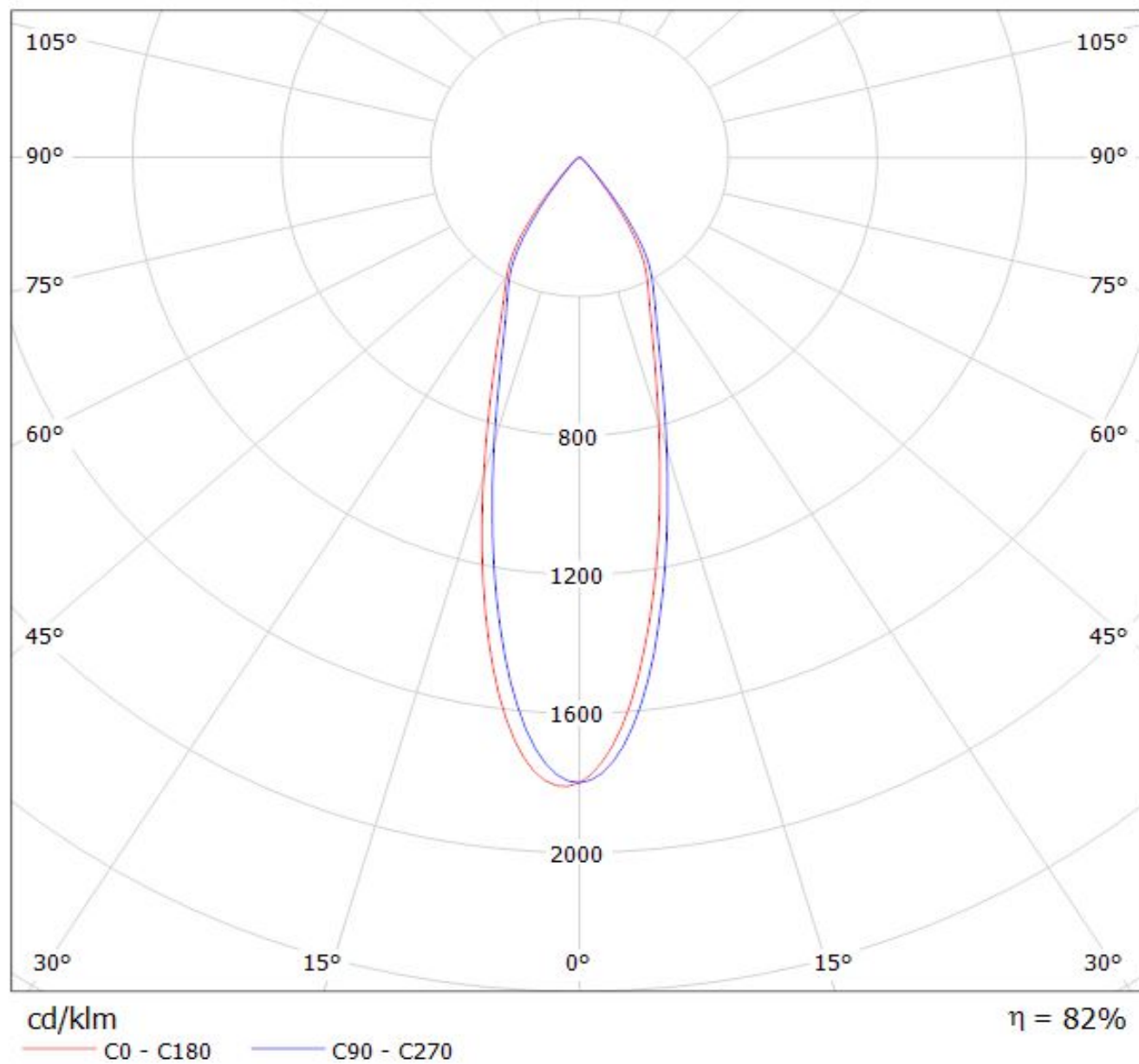


Luminaire: LEDiL Oy CN12645_LENINA-M_(LUXEON-CoB_1205) Eff: 87 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

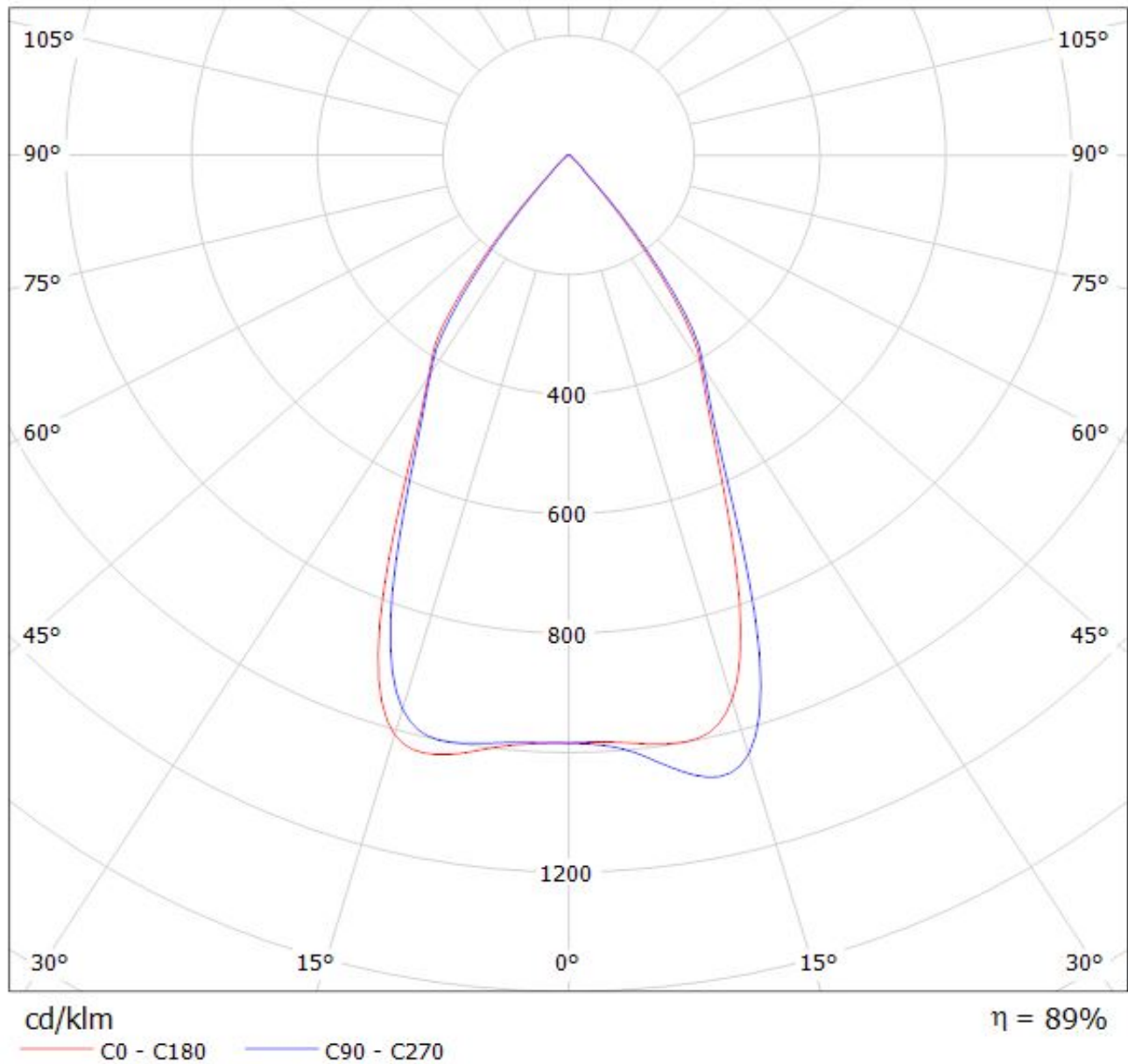


Luminaire: LEDiL Oy CN12648_LENINA-M-DL_(LUXEON_CoB_1205) Eff: 82 %

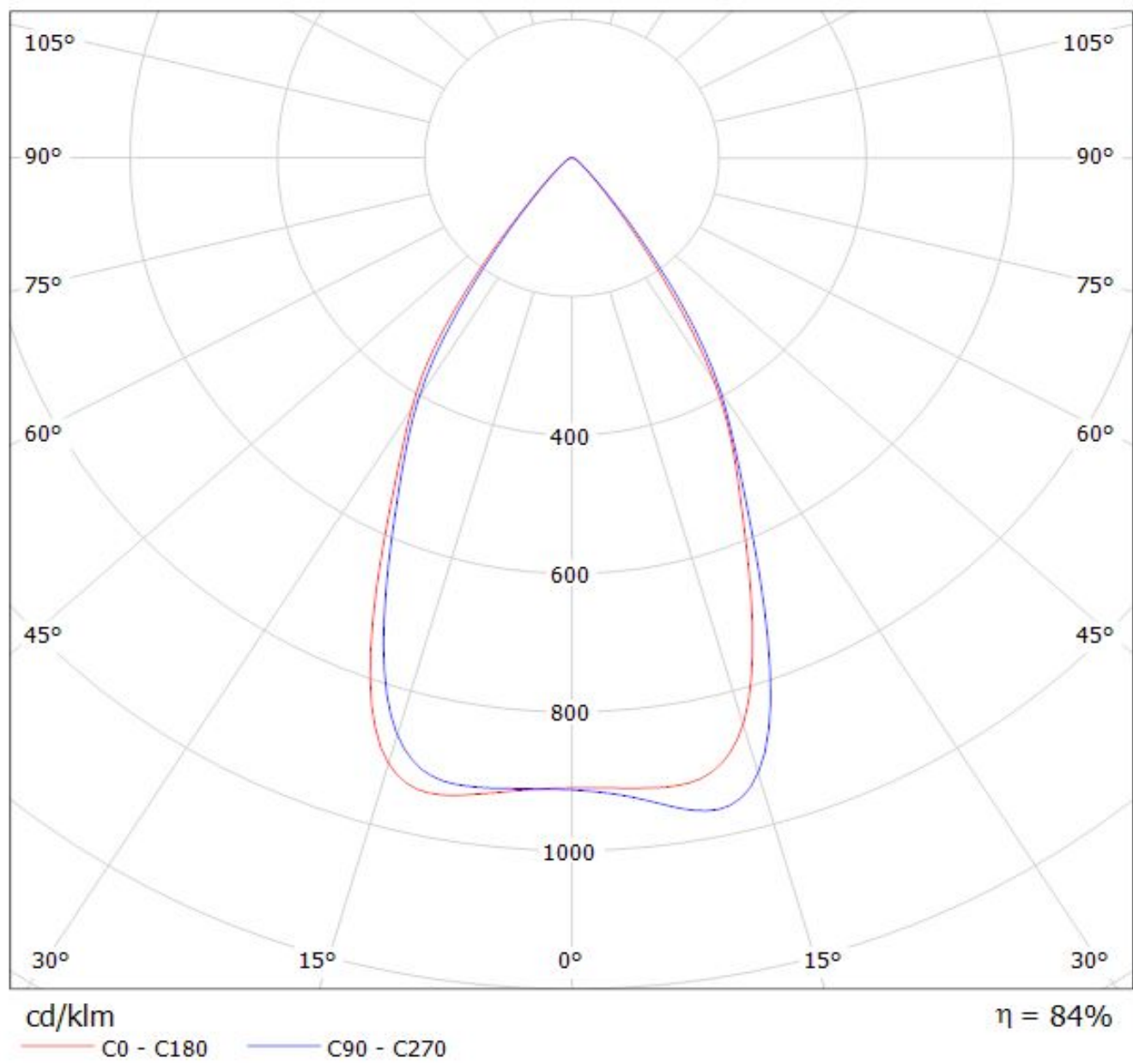
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12646_LENINA-W_(Luxeon_CoB_1205) Eff: 89 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12649_LENINA-W-DL_(LUXEON_CoB_1205) Eff: 84 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12962_LENINA-XW_(Luxeon_CoB_1205) Eff. 90 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

