

**Ordering number** CN12644_LENINA-S

Family	Lenina	FWHM	20 degrees
Type	Pack	Efficiency	89 %
LED	LUXEON CoB 1208	cd/Im	3.900
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	21 degrees
Type	Pack	Efficiency	85 %
LED	LUXEON CoB 1208	cd/Im	3.200
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	31 degrees
Type	Pack	Efficiency	88 %
LED	LUXEON CoB 1208	cd/Im	2.000
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	33 degrees
Type	Pack	Efficiency	83 %
LED	LUXEON CoB 1208	cd/Im	1.700
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	58 degrees
Type	Pack	Efficiency	88 %
LED	LUXEON CoB 1208	cd/Im	1.000
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	60 degrees
Type	Pack	Efficiency	84 %
LED	LUXEON CoB 1208	cd/Im	0.900
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	91 %
LED	LUXEON CoB 1208	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 1208 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

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D

C

B

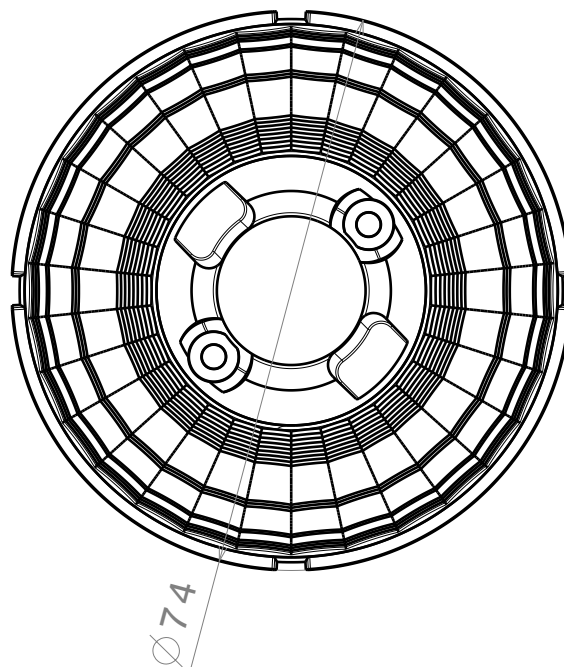
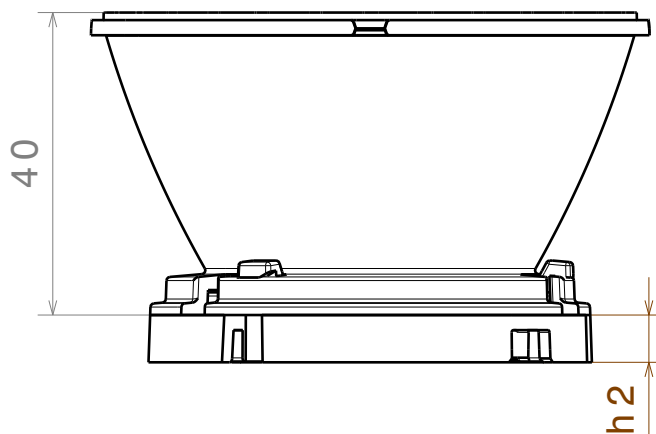
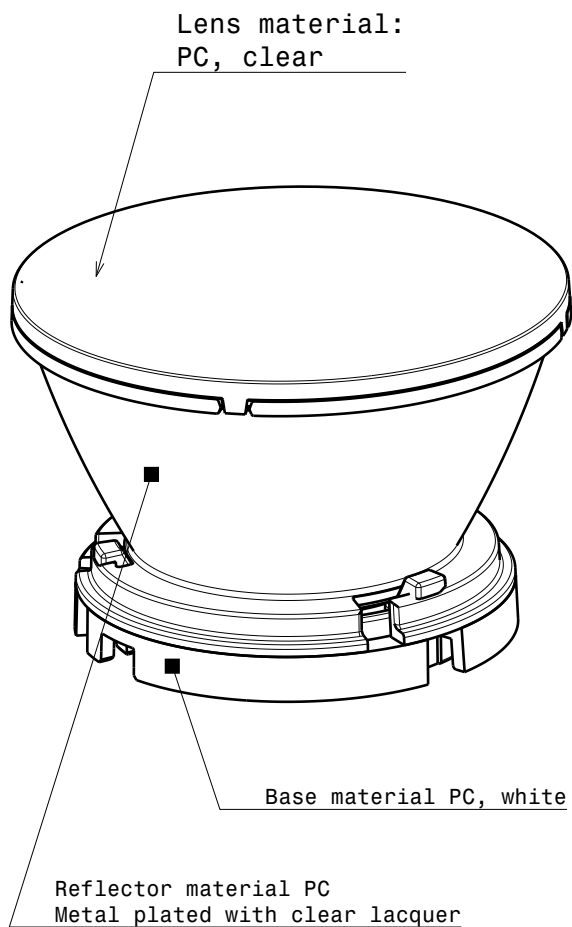
A

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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

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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)**

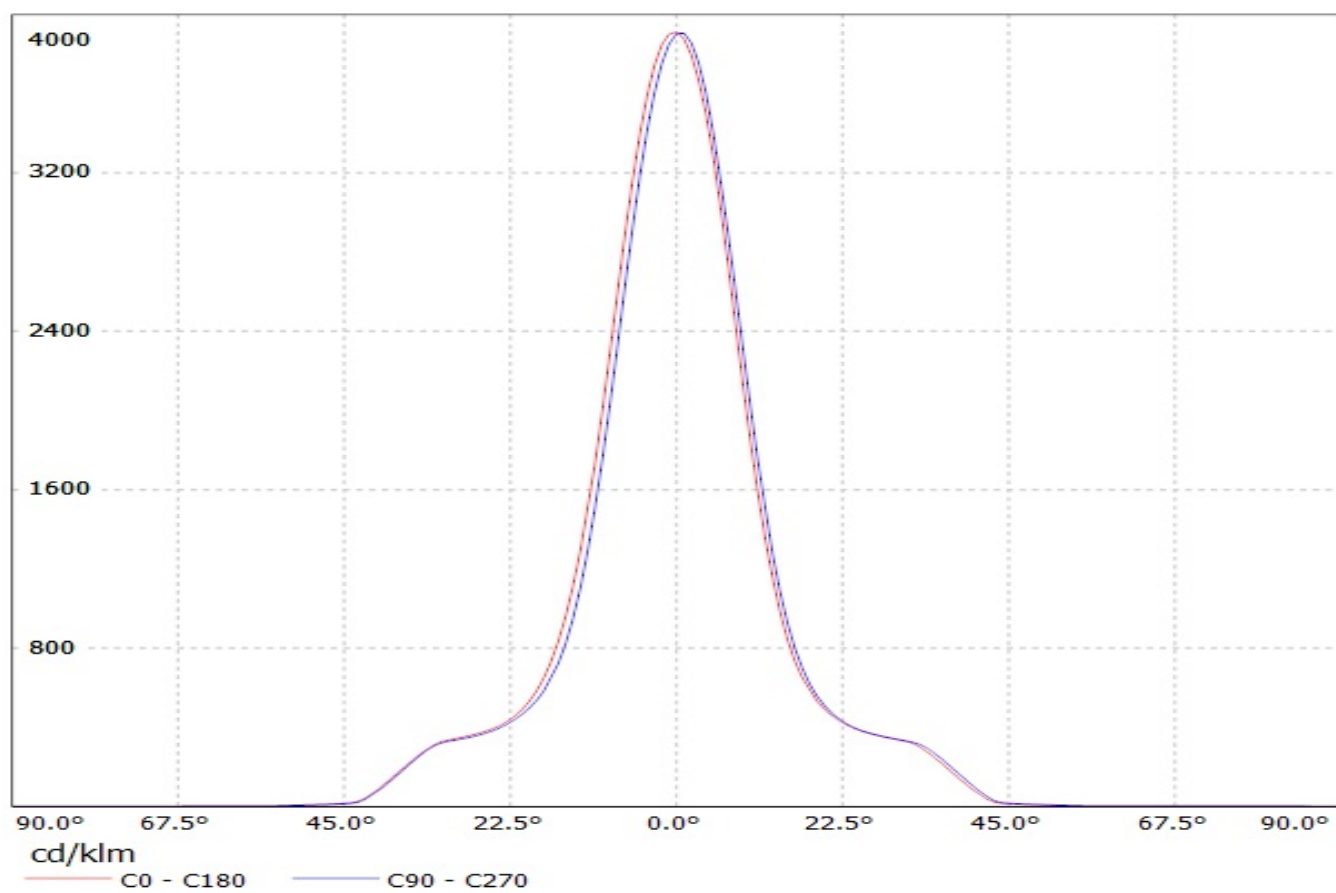
SHEET 1/1

D

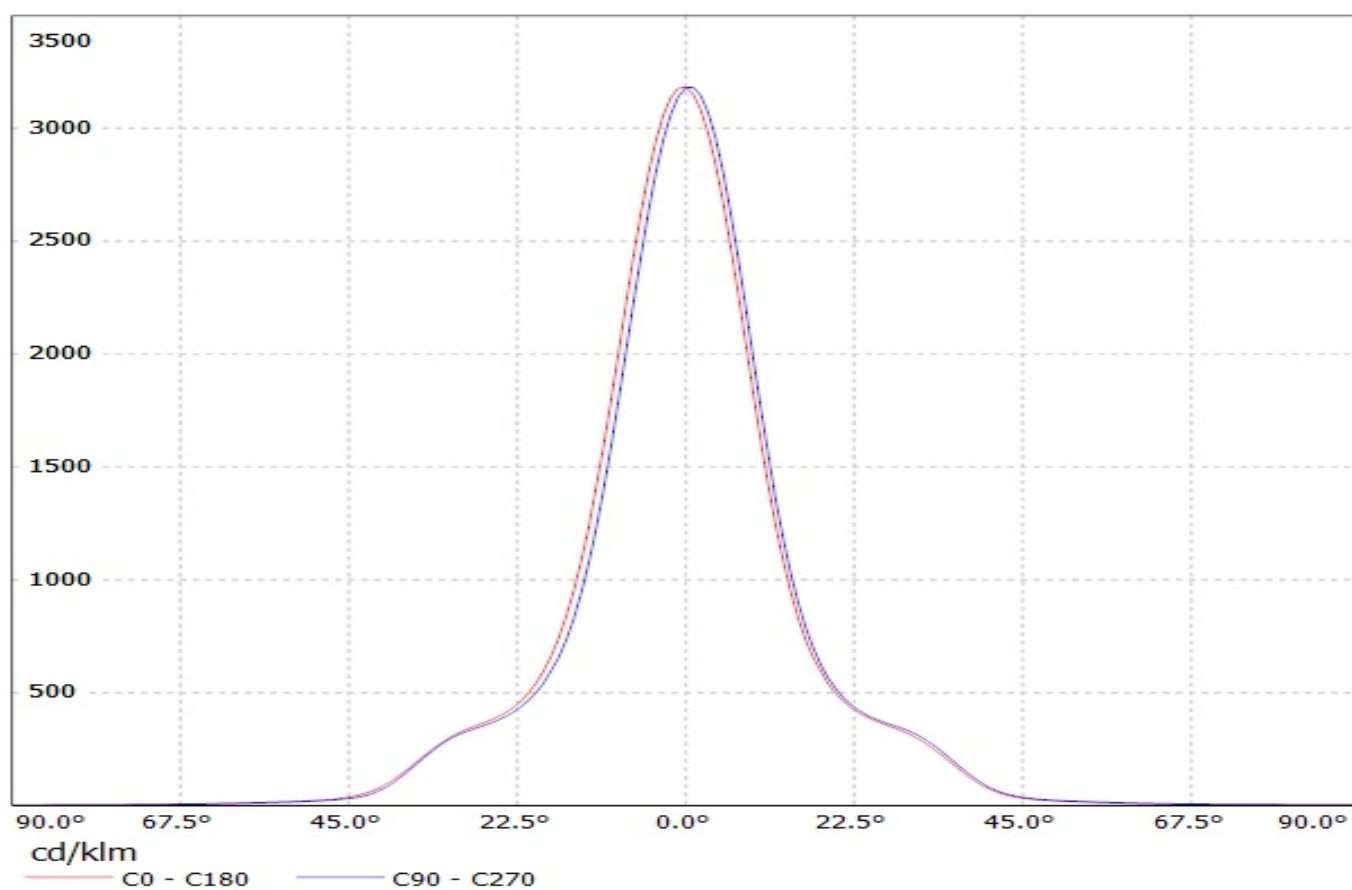
A

Luminaire: LEDiL Oy CN12644_LENINA-S_(Luxeon_CoB_1208) Eff: 89 %

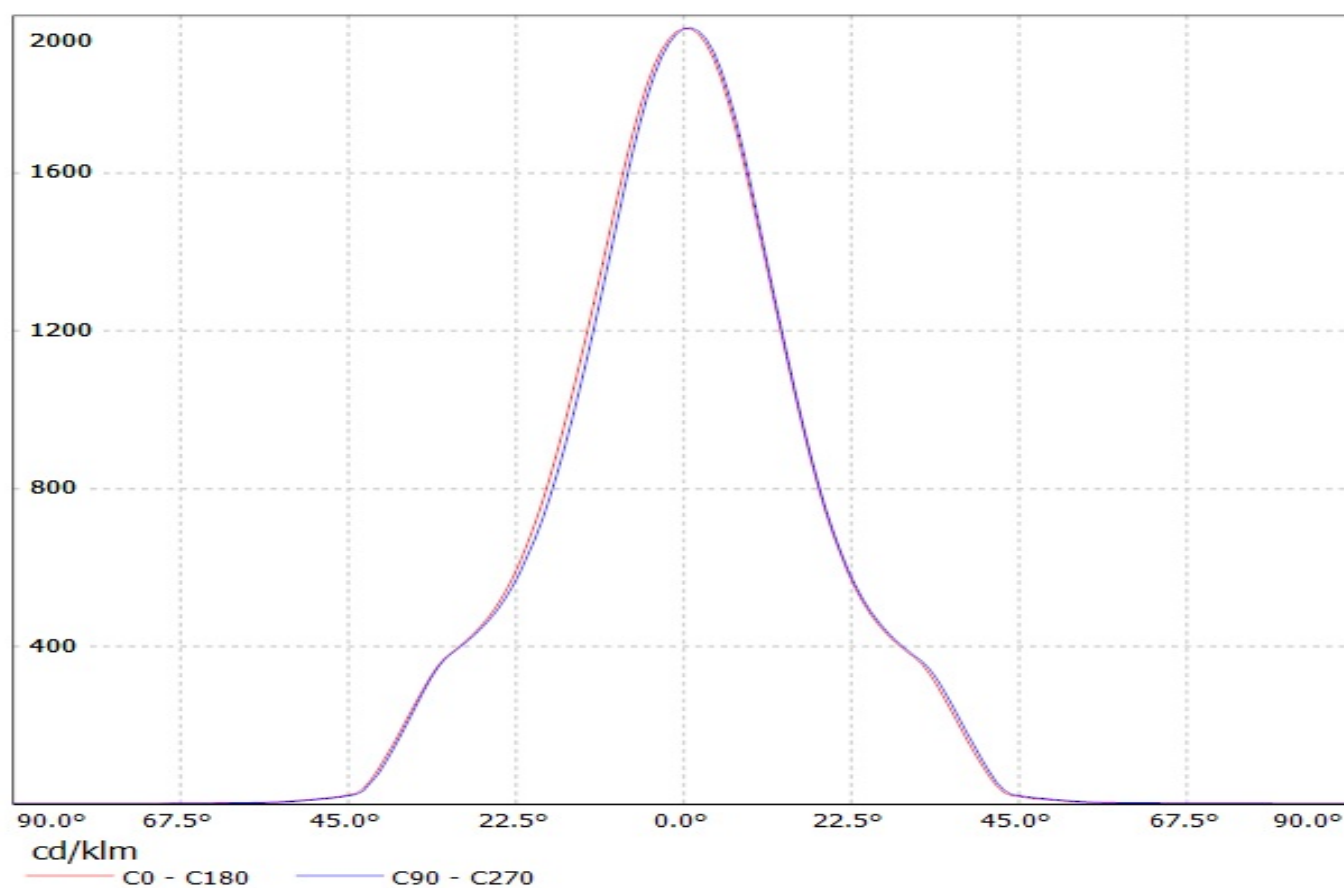
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



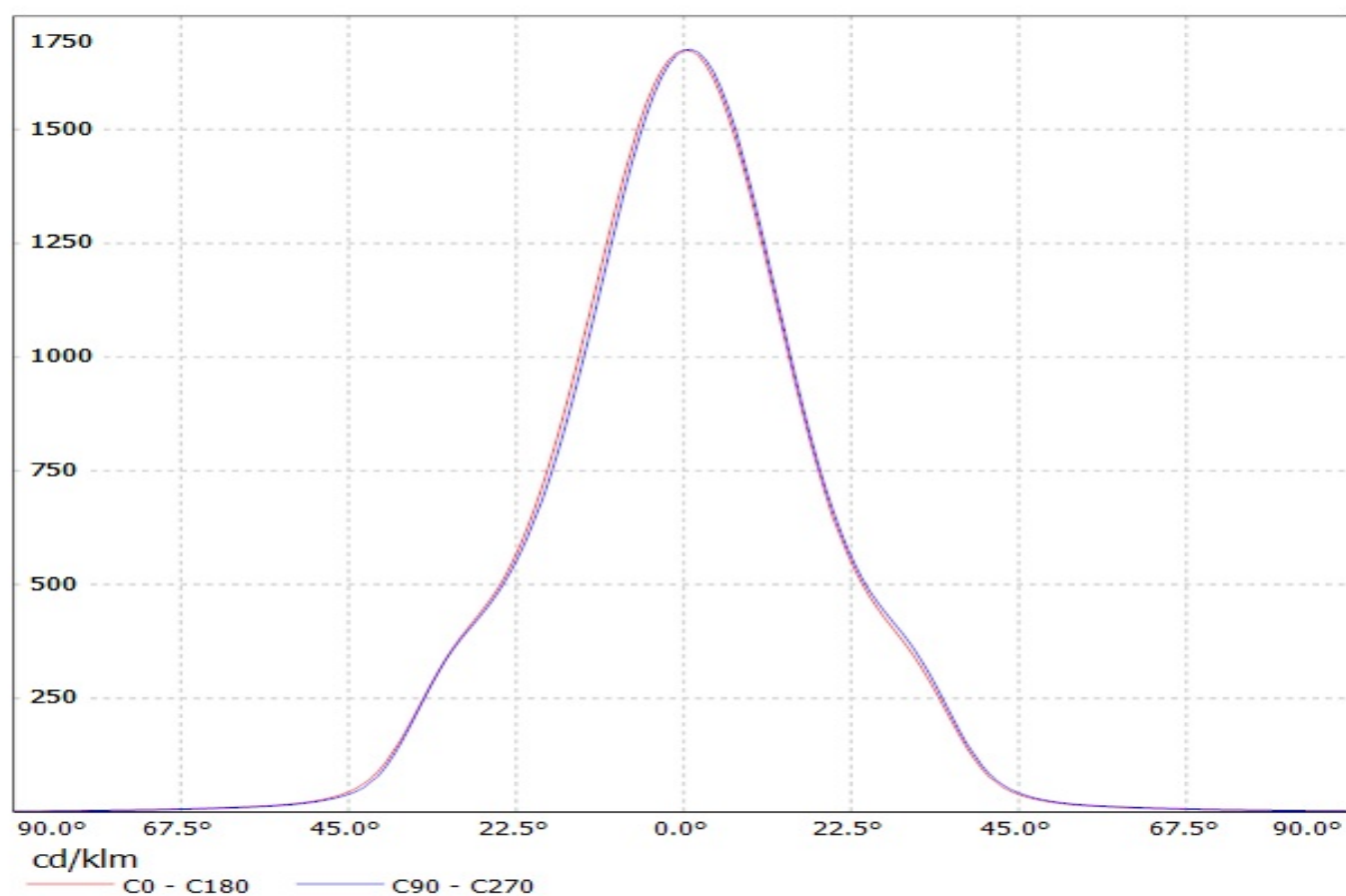
Luminaire: LEDiL Oy CN12647_LENINA-S-DL_(Luxeon_CoB_1208) Eff: 85 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



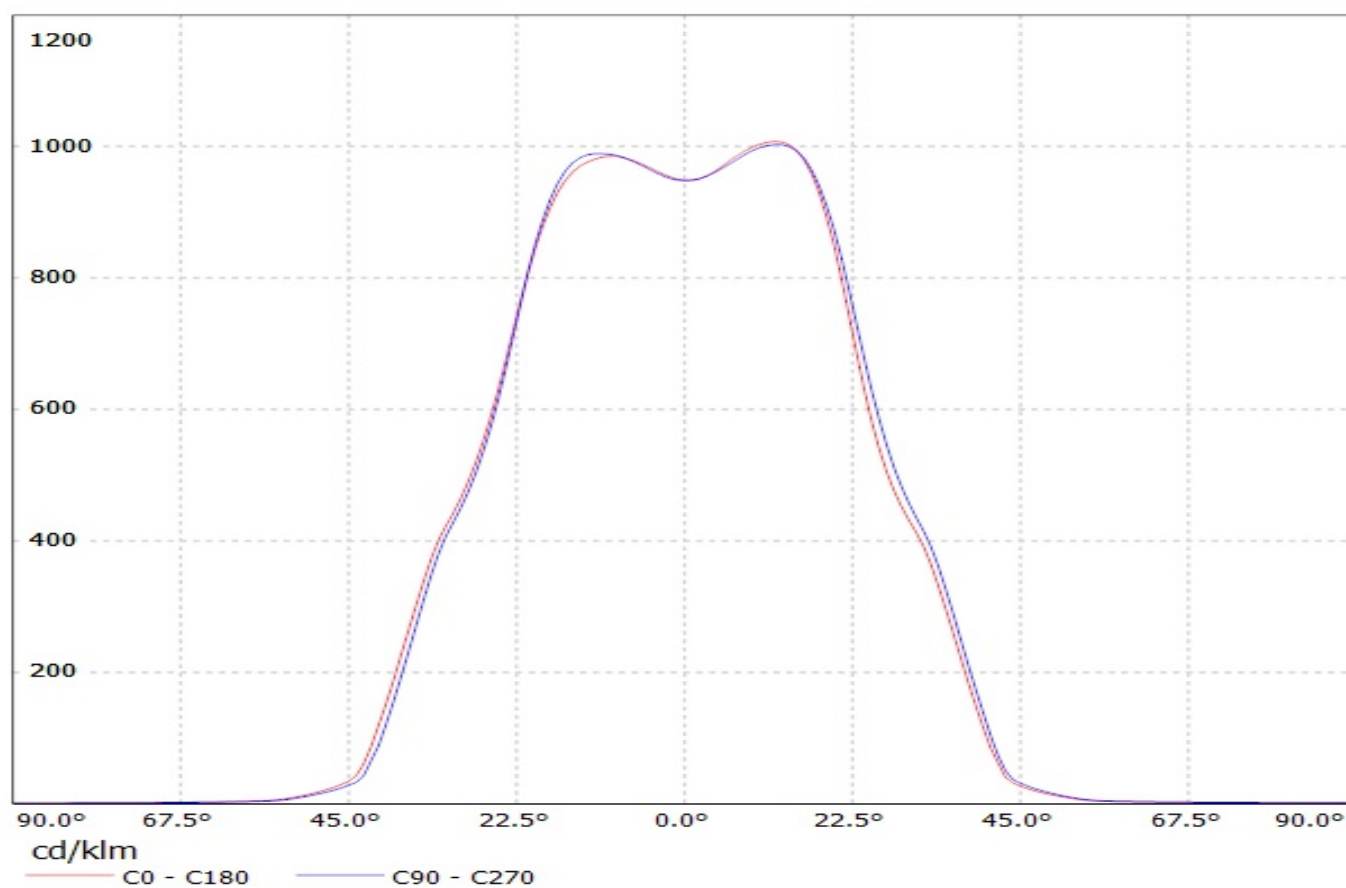
Luminaire: LEDiL Oy CN12645_LENINA-M_(Luxeon_CoB_1208) Eff: 88 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



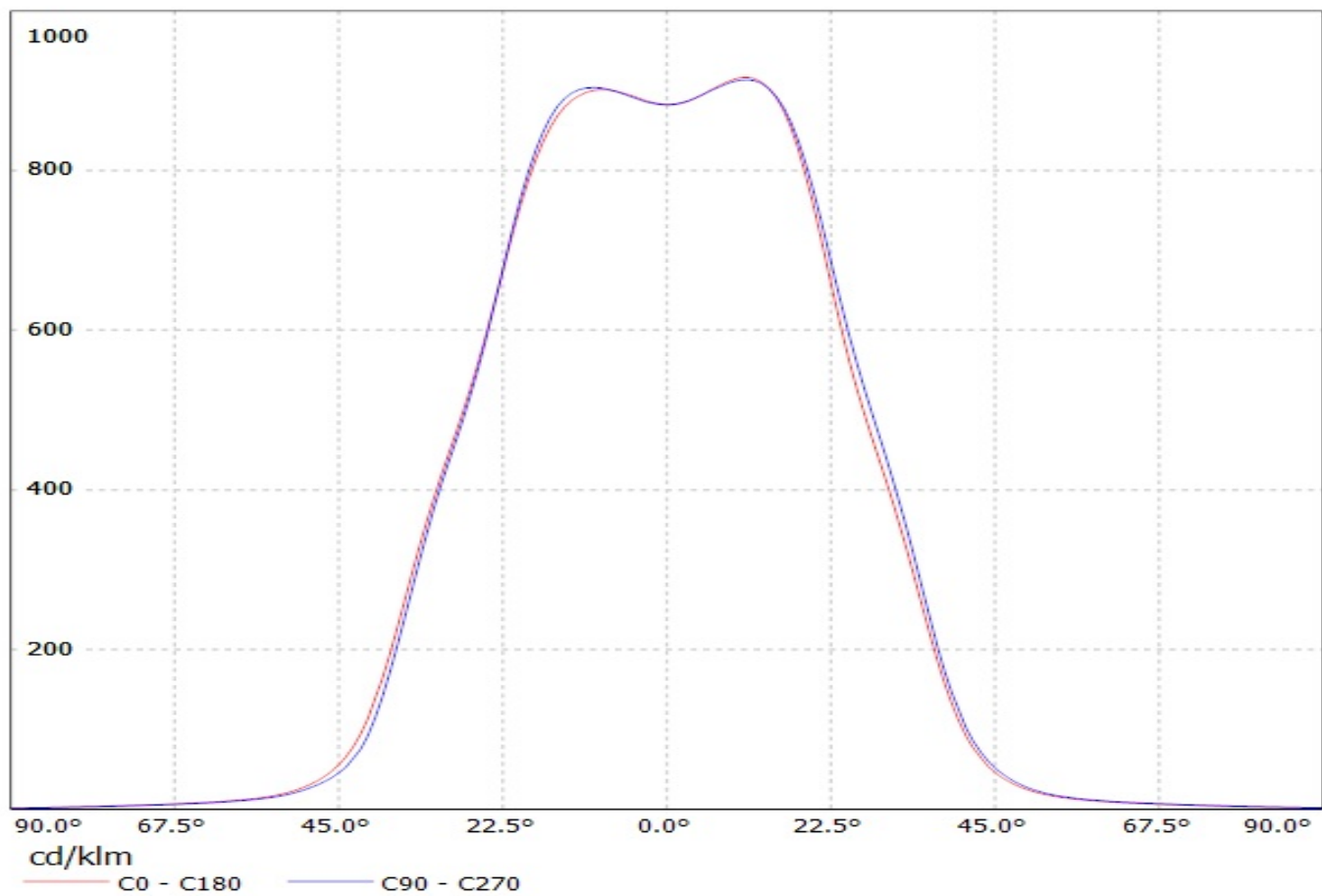
Luminaire: LEDiL Oy CN12648_LENINA-M-DL_(Luxeon_CoB_1208) Eff: 83 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



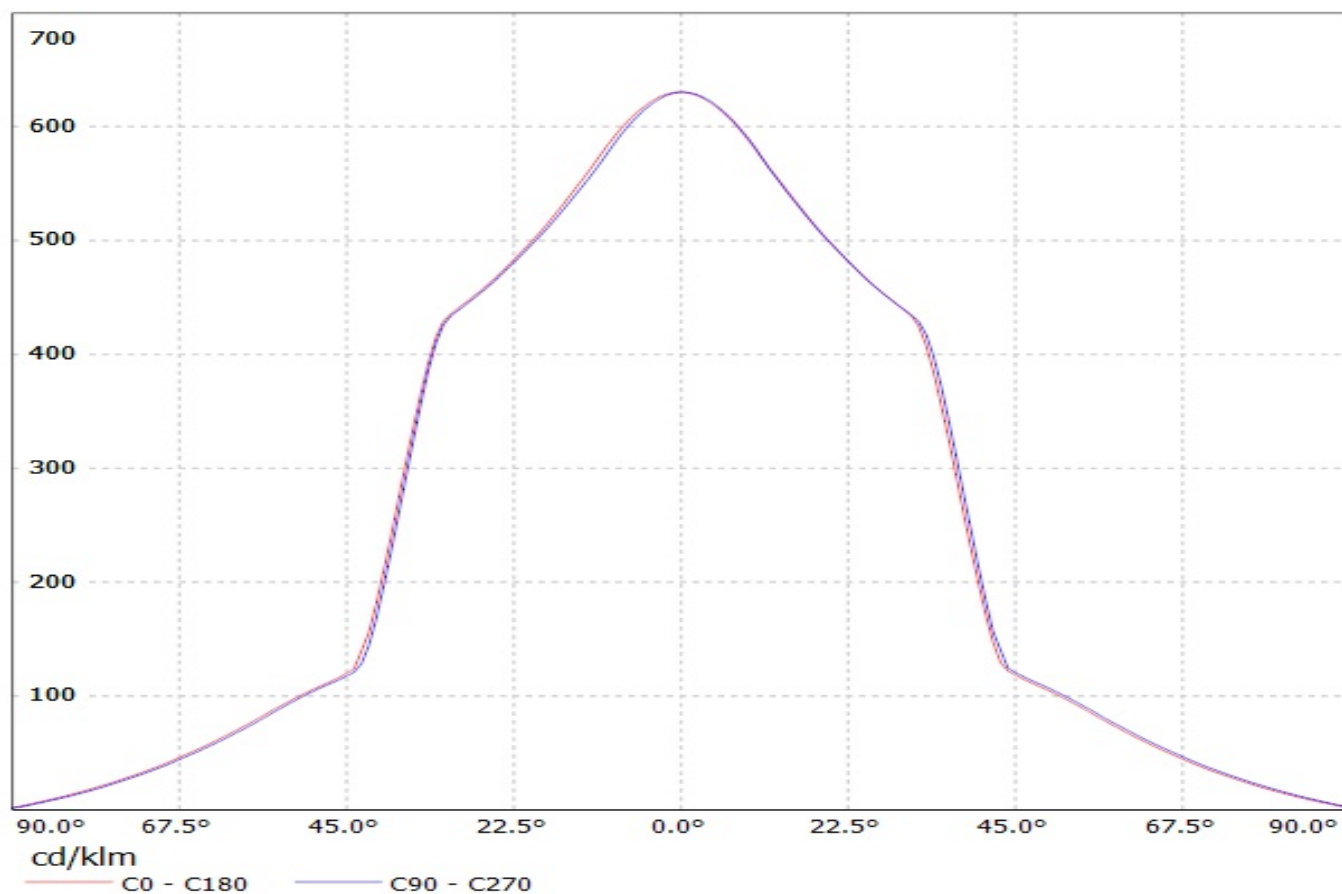
Luminaire: LEDiL Oy CN12646_LENINA-W_(Luxeon_CoB_1208) Eff: 88 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12649_LENINA-W-DL_(Luxeon_CoB_1208) Eff: 84 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA

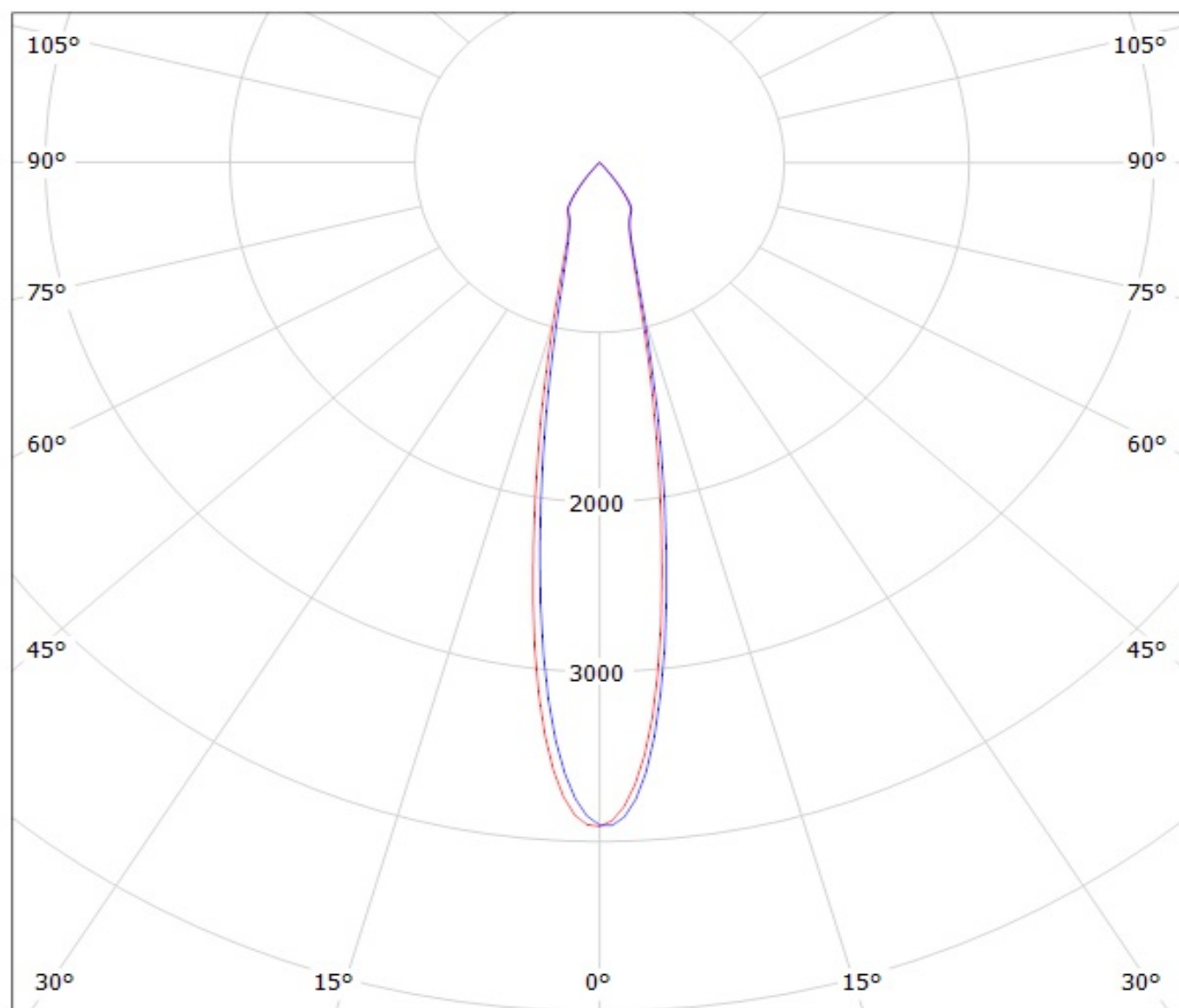


Luminaire: LEDiL Oy CN12962_LENINA-XW_(Luxeon_CoB_1208) Eff: 91 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12644_LENINA-S_(Luxeon_CoB_1208) Eff: 89 %

Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



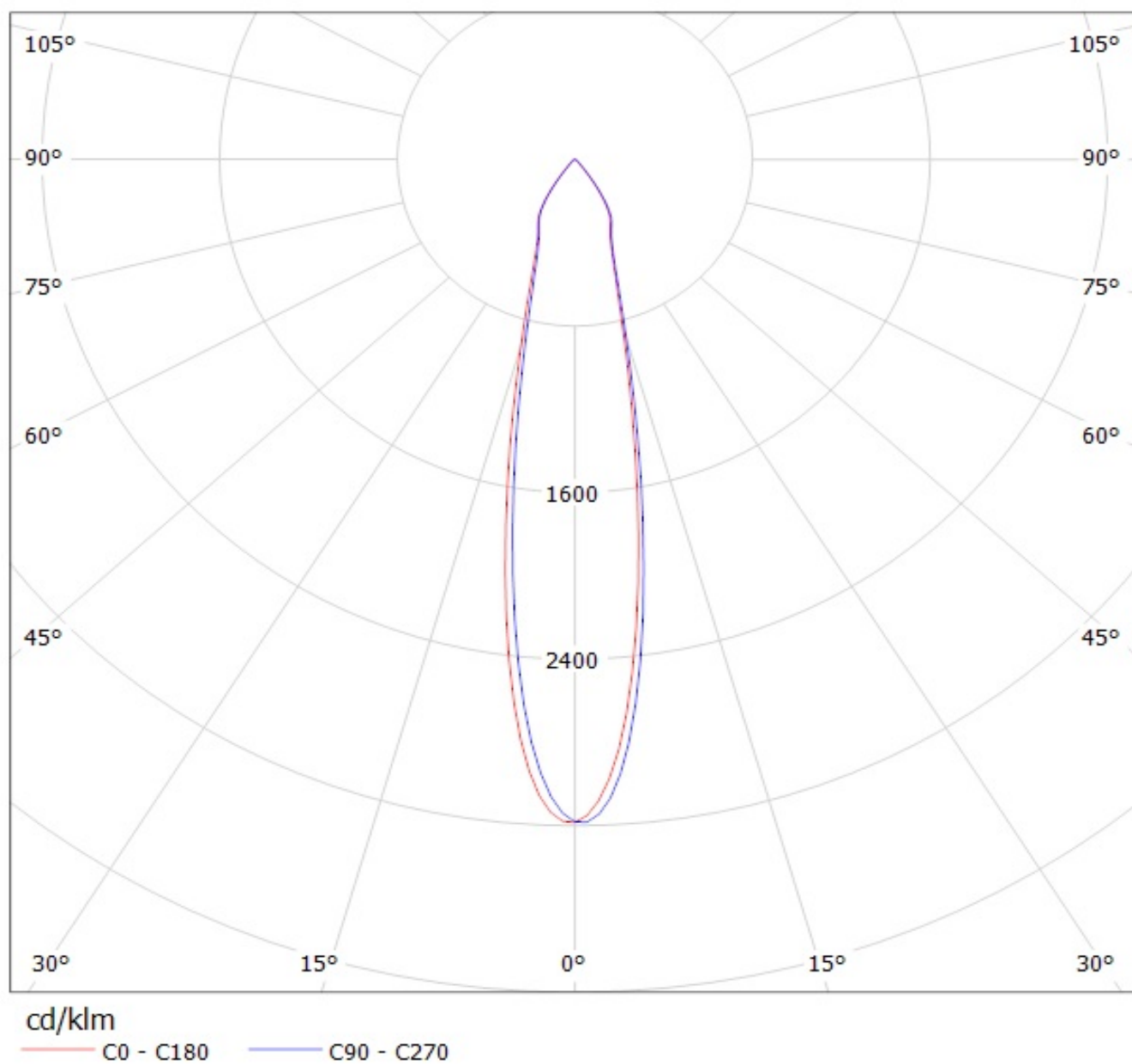
cd/klm

— C0 - C180

— C90 - C270

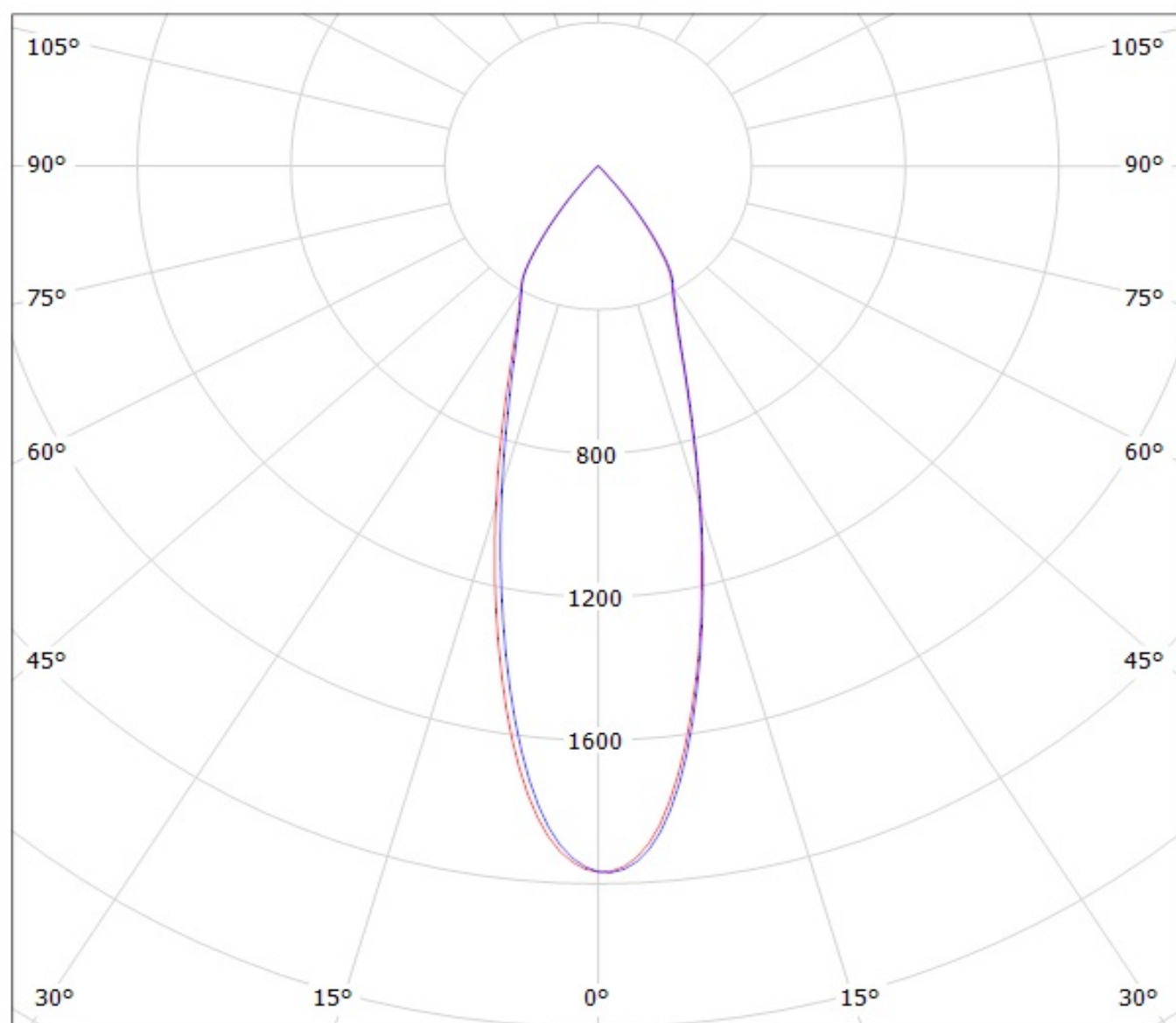
Luminaire: LEDiL Oy CN12647_LENINA-S-DL_(Luxeon_CoB_1208) Eff. 85 %

Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12645_LENINA-M (Luxeon CoB 1208) Eff: 88 %

Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA

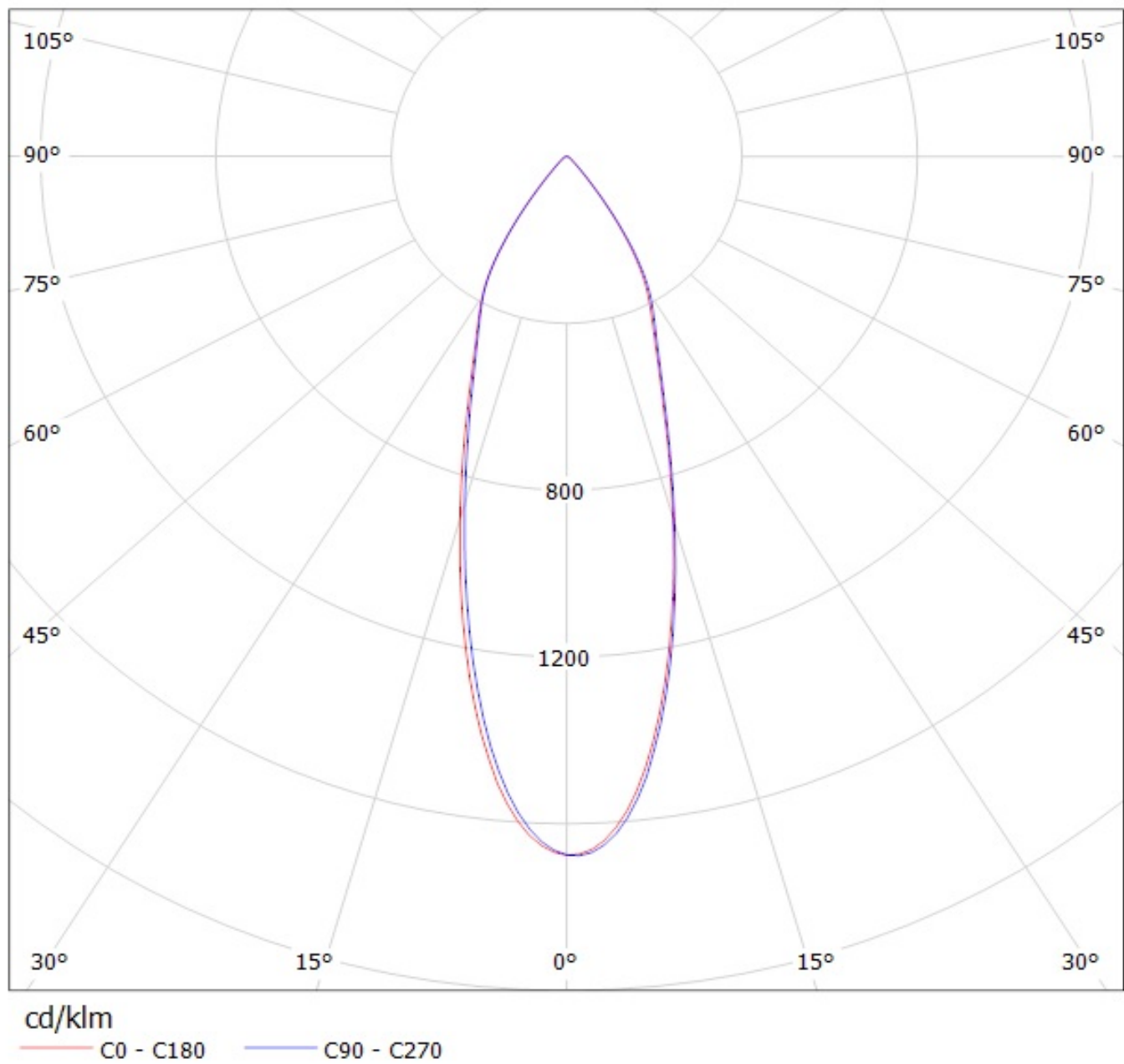


cd/klm

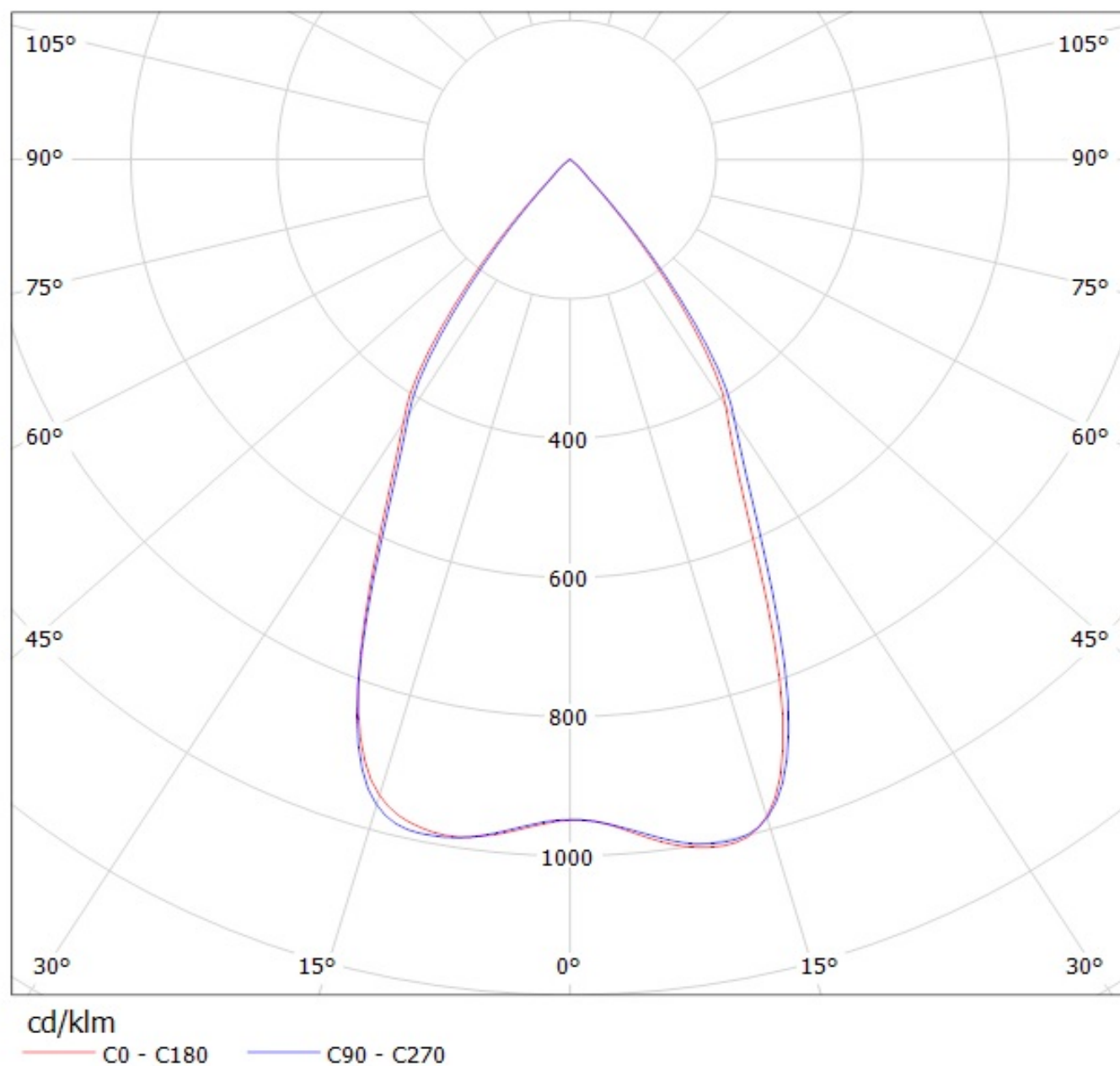
— C0 - C180

— C90 - C270

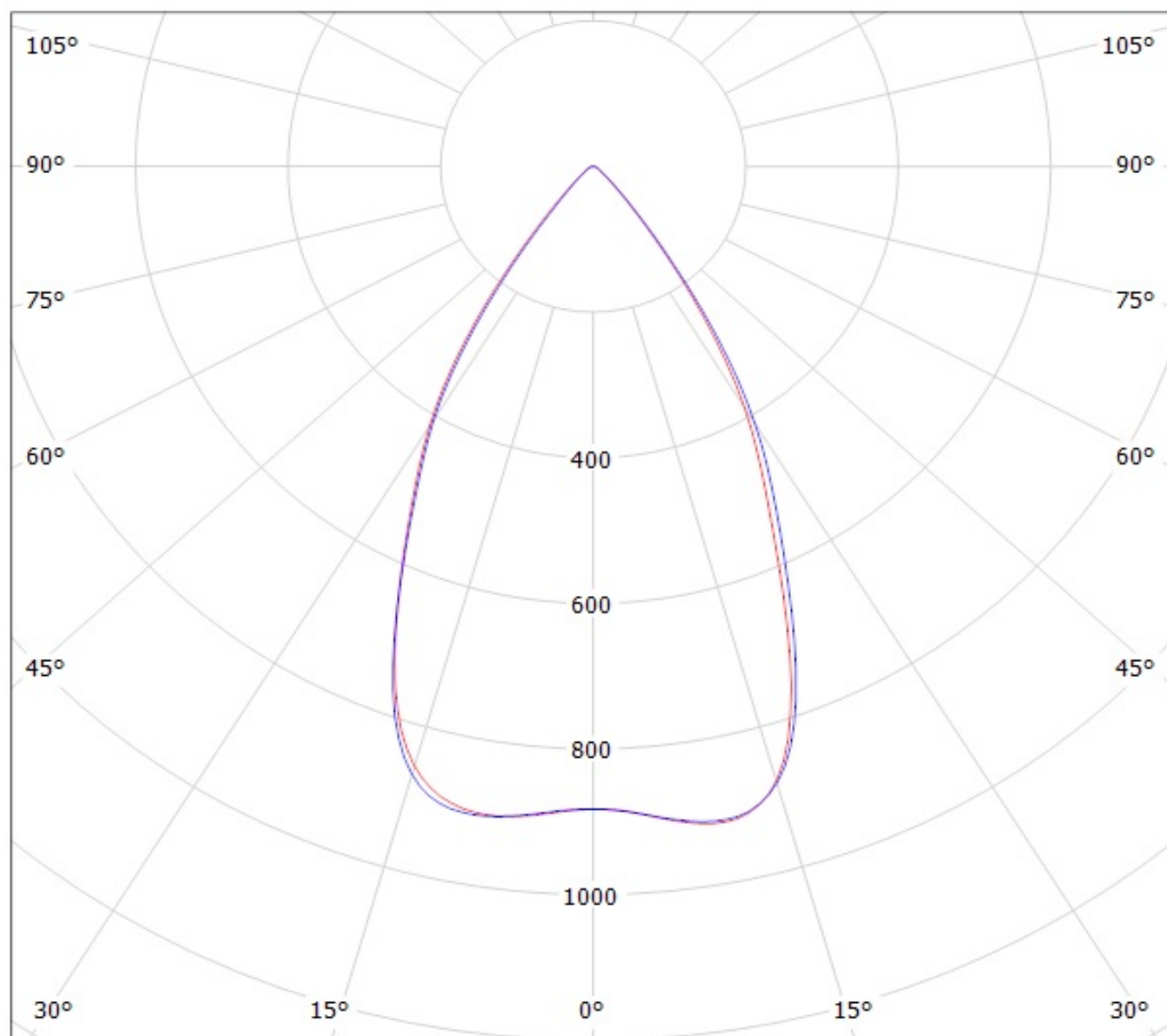
Luminaire: LEDiL Oy CN12648_LENINA-M-DL_(Luxeon_CoB_1208) Eff: 83 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



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cd/klm

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