

**Ordering number** CN12296_LENA-S-DL

Family	Lena	FWHM	14 degrees
Type	Pack	Efficiency	78 %
LED	LUXEON CoB 1208	cd/Im	6.000
Color	Metal	Gerber File	Available
Diameter	111 mm		
Height	85.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number** CN12297_LENA-M-DL

Family	Lena	FWHM	23 degrees
Type	Pack	Efficiency	74 %
LED	LUXEON CoB 1208	cd/Im	3.100
Color	Metal	Gerber File	Available
Diameter	111 mm		
Height	85.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

**Ordering number** CN12298_LENA-W-DL

Family	Lena	FWHM	46 degrees
Type	Pack	Efficiency	68 %
LED	LUXEON CoB 1208	cd/Im	1.100
Color	Metal	Gerber File	Available
Diameter	111 mm		
Height	85.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

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

Lena series

last update 19/6/2013

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.
- Lens material optical grade PC with high UV and temperature resistance (120 degrees of Celcius / 248 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used materials from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400_2407_2456_2458-UL.pdf

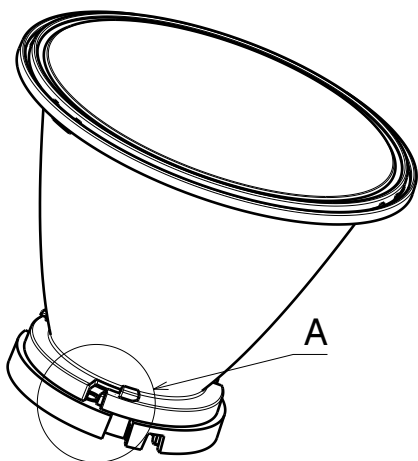
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (110 degrees of Celcius / 230 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

D

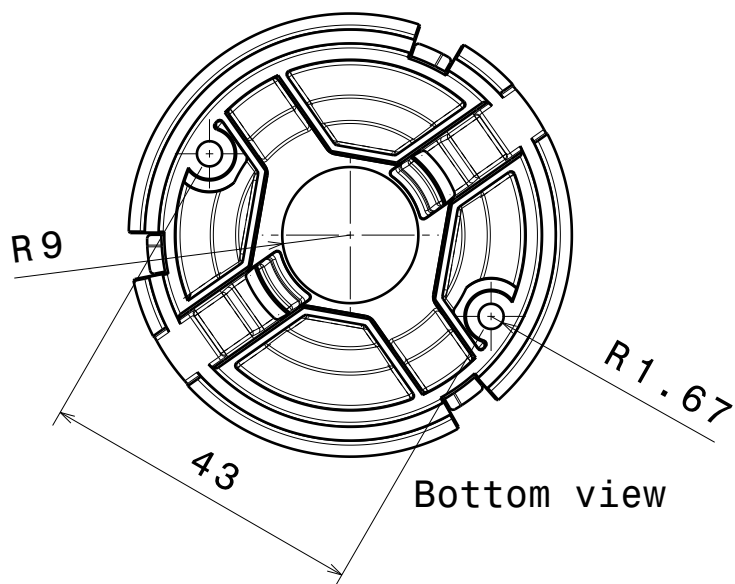
C

B

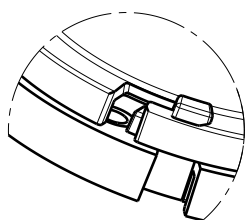
A



Isometric view



Bottom view

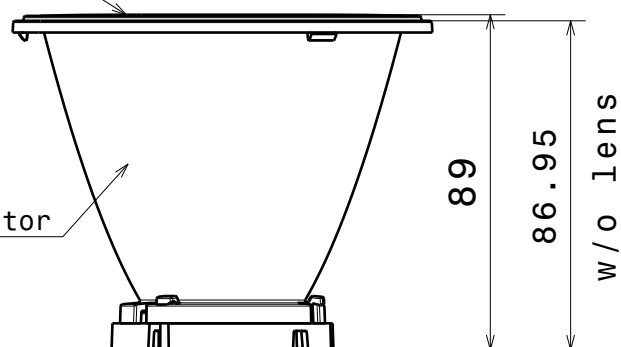


Detail A

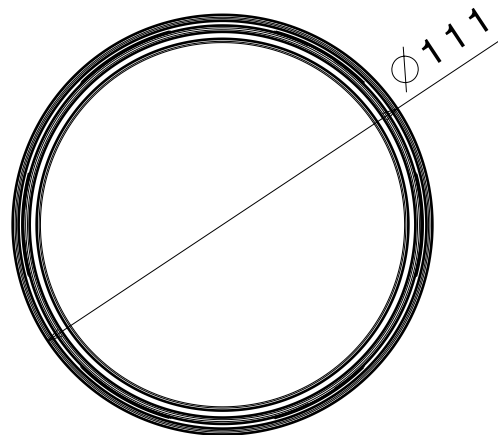
Lena lens (optional)

Lena reflector

Lena base MEZ



Front view



Top view

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Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Lena-MEZ

DRAWN BY
ahDATE
14.12.2012CHECKED BY
plDATE
14.12.2012DESIGNED BY
plDATE
14.12.2012SIZE
A4

DRAWING NUMBER

-

REV
2

SCALE

1:2

WEIGHT (g)

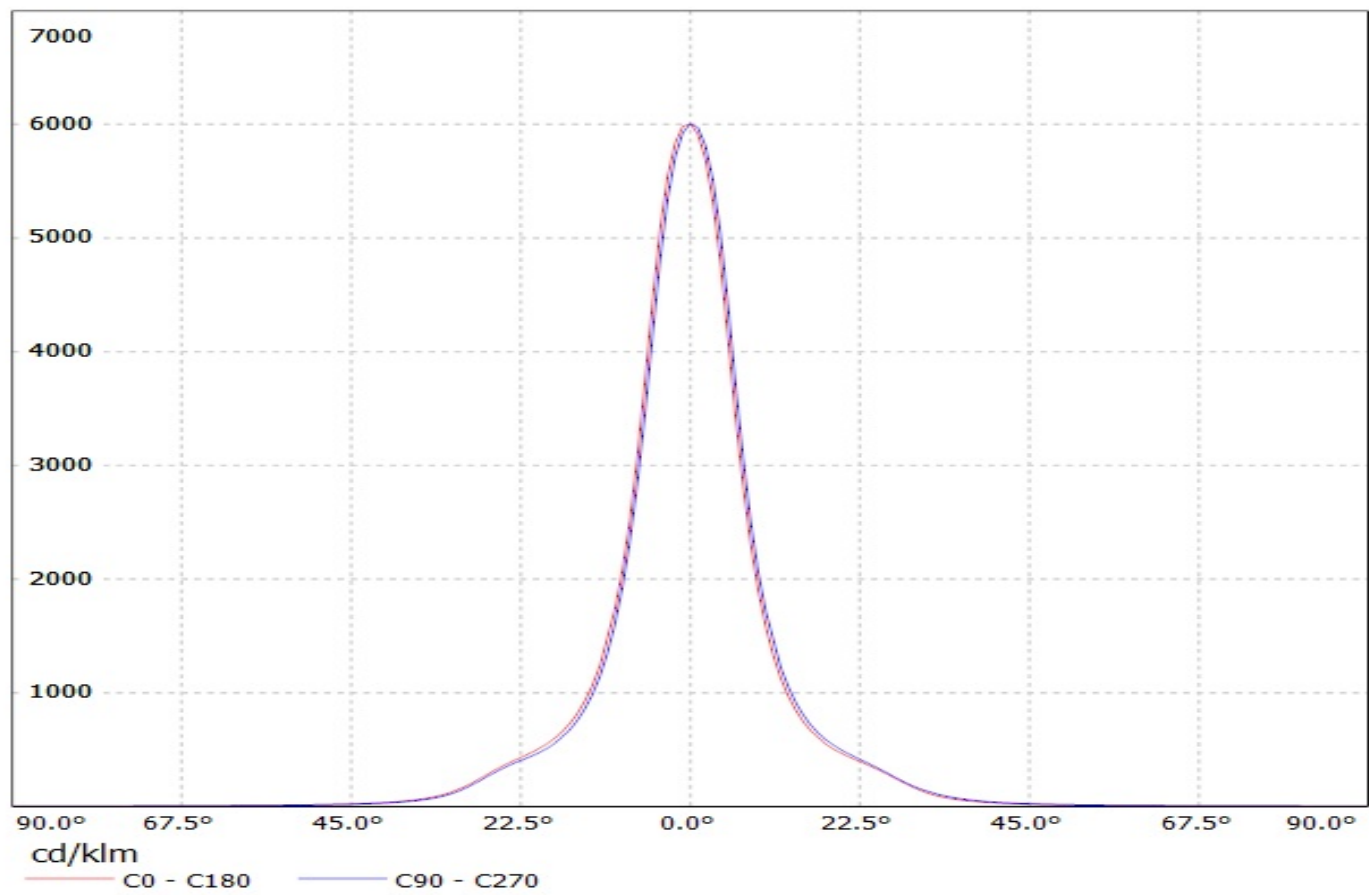
SHEET

1/1

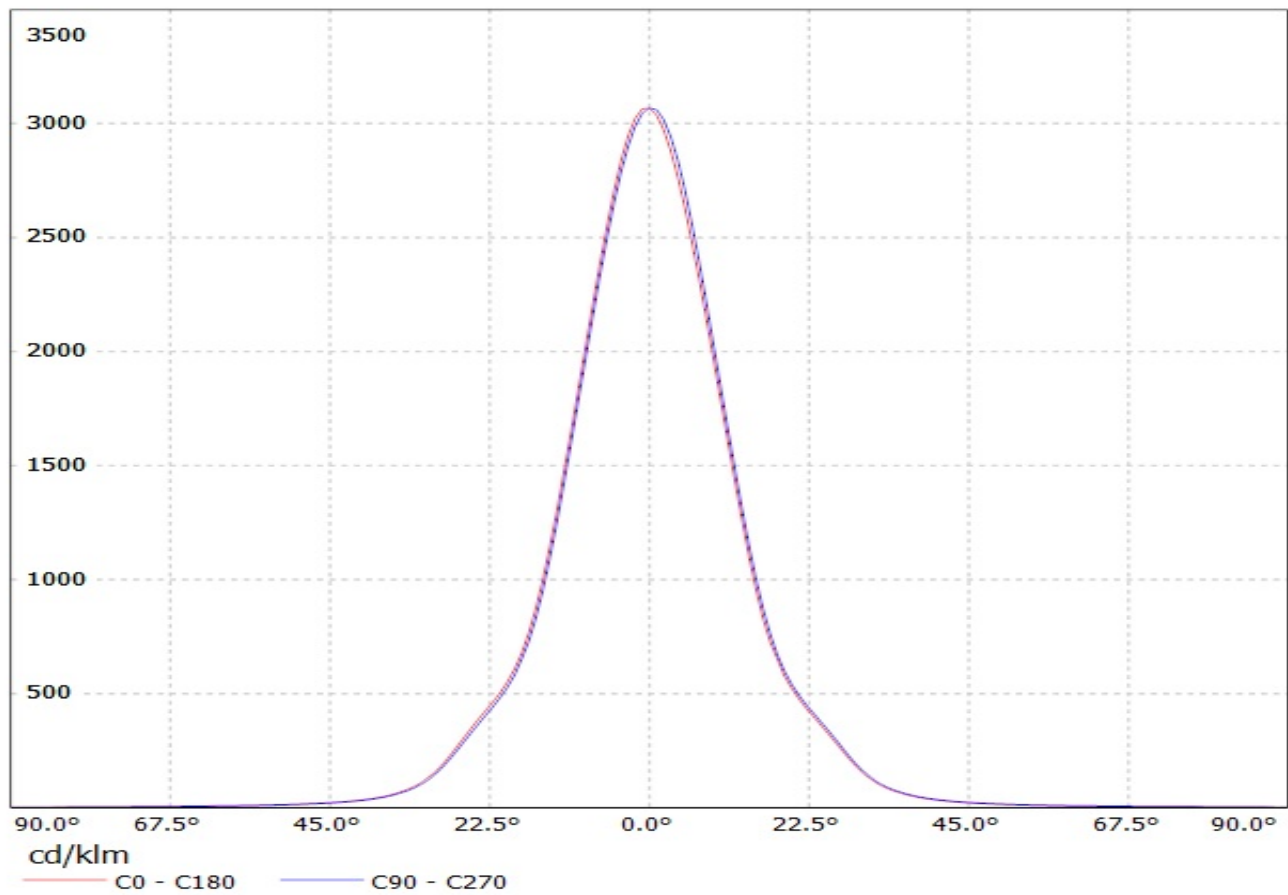
D

A

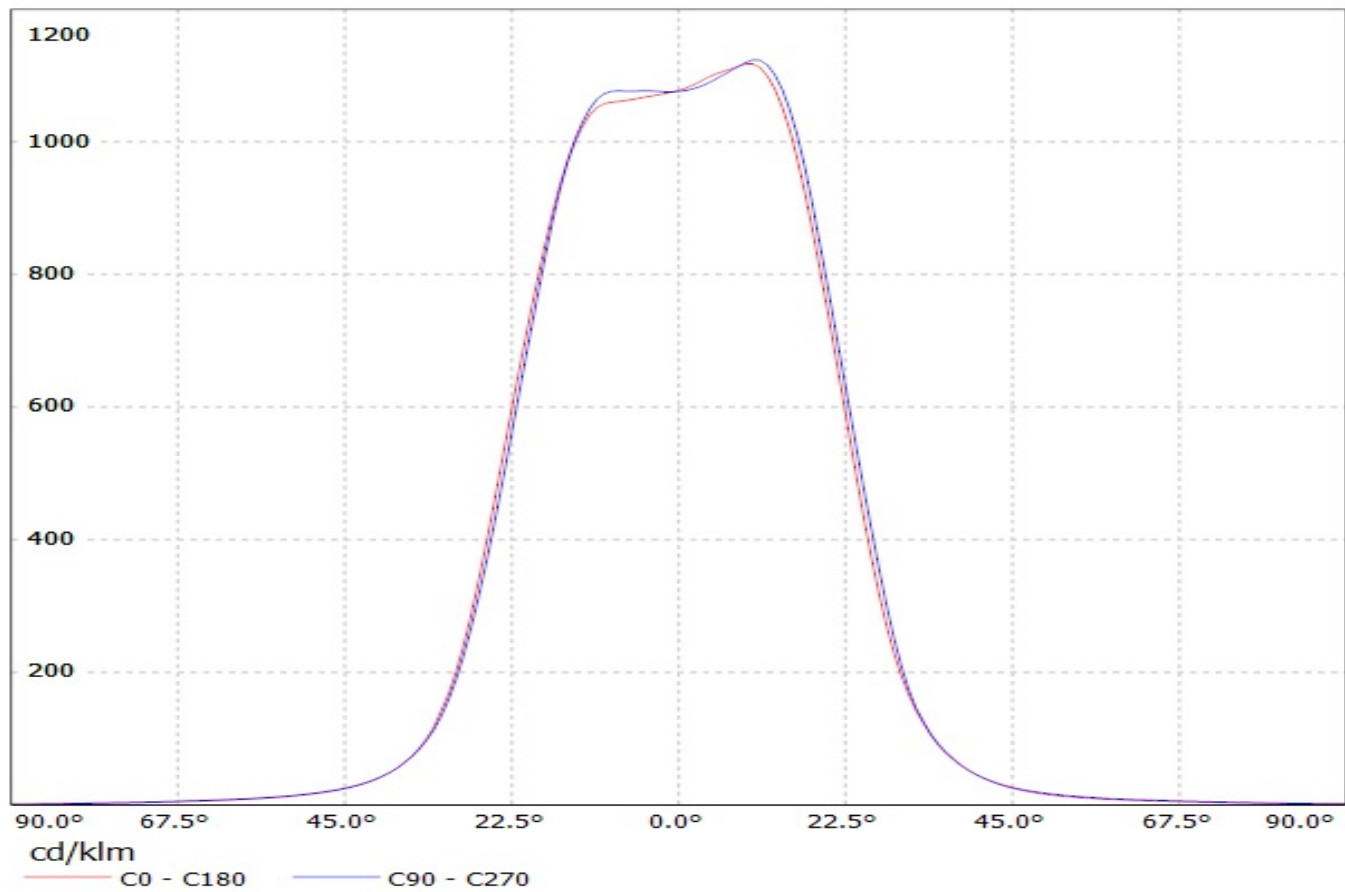
Luminaire: LEDiL Oy CN12296_LENA-S-DL_(Luxeon-Cob-1208) Eff: 78 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



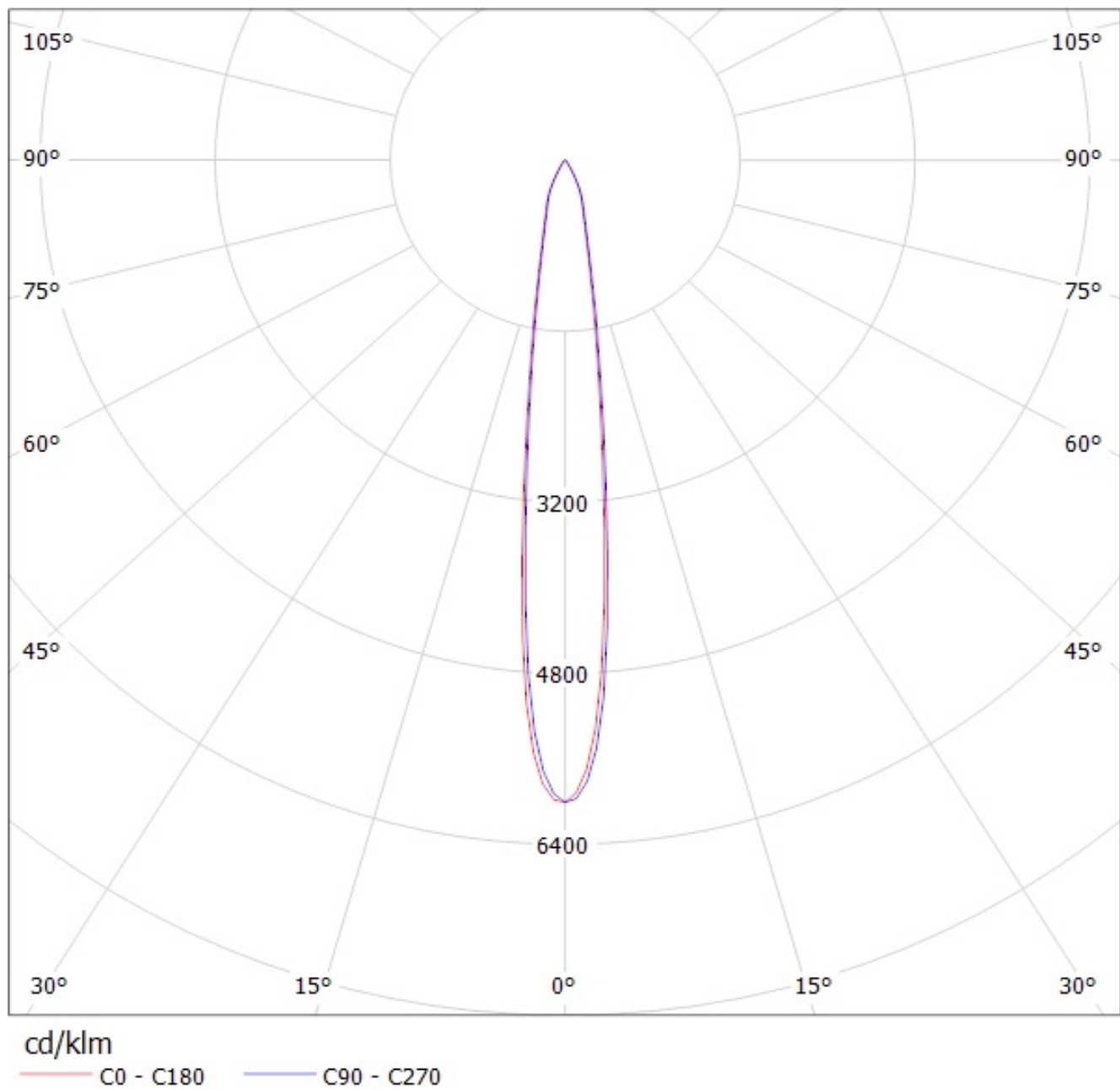
Luminaire: LEDiL Oy CN12297_LENA-M-DL_(Luxeon_CoB_1208) Eff: 74 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



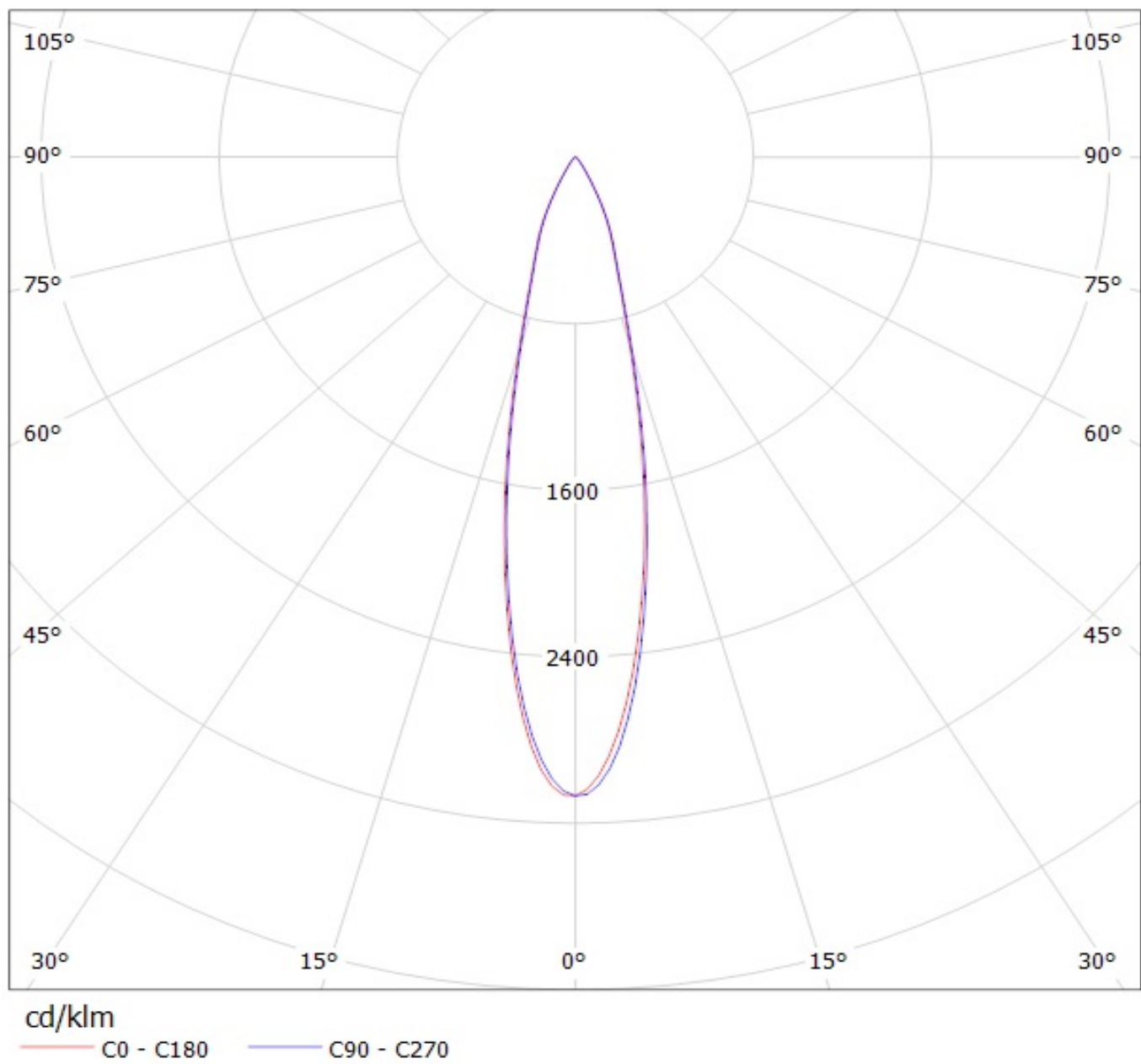
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