

**Product number CA13546_EMILY-RS**

Family	Emily	FWHM	8 degrees
Type	Assembly	Efficiency	90 %
LED	Oslon Square EC	cd/lm	29.100
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	On production		

**Product number CA11388_EMILY-M**

Family	Emily	FWHM	18 degrees
Type	Assembly	Efficiency	89 %
LED	Oslon Square EC	cd/lm	8.250
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15.15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	On production		

**Product number CA11391_EMILY-M2**

Family	Emily	FWHM	30 degrees
Type	Assembly	Efficiency	89 %
LED	Oslon Square EC	cd/lm	3.300
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15.15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	On production		

**Product number CA11934_EMILY-W**

Family	Emily	FWHM	38 degrees
Type	Assembly	Efficiency	84 %
LED	Oslon Square EC	cd/lm	1.860
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.9 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	On production		

**Product number CA11389_EMILY-O**

Family	Emily	FWHM	43+12 degrees
Type	Assembly	Efficiency	84 %
LED	Oslon Square EC	cd/lm	4.300
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15.15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	On production		

Product number CA12589_EMILY-WWW

Family	Emily	FWHM	61 degrees
Type	Assembly	Efficiency	85 %
LED	Oslon Square EC	cd/lm	0.900
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	13.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
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

Emily series

last update 24/6/2013



GENERAL INFORMATION

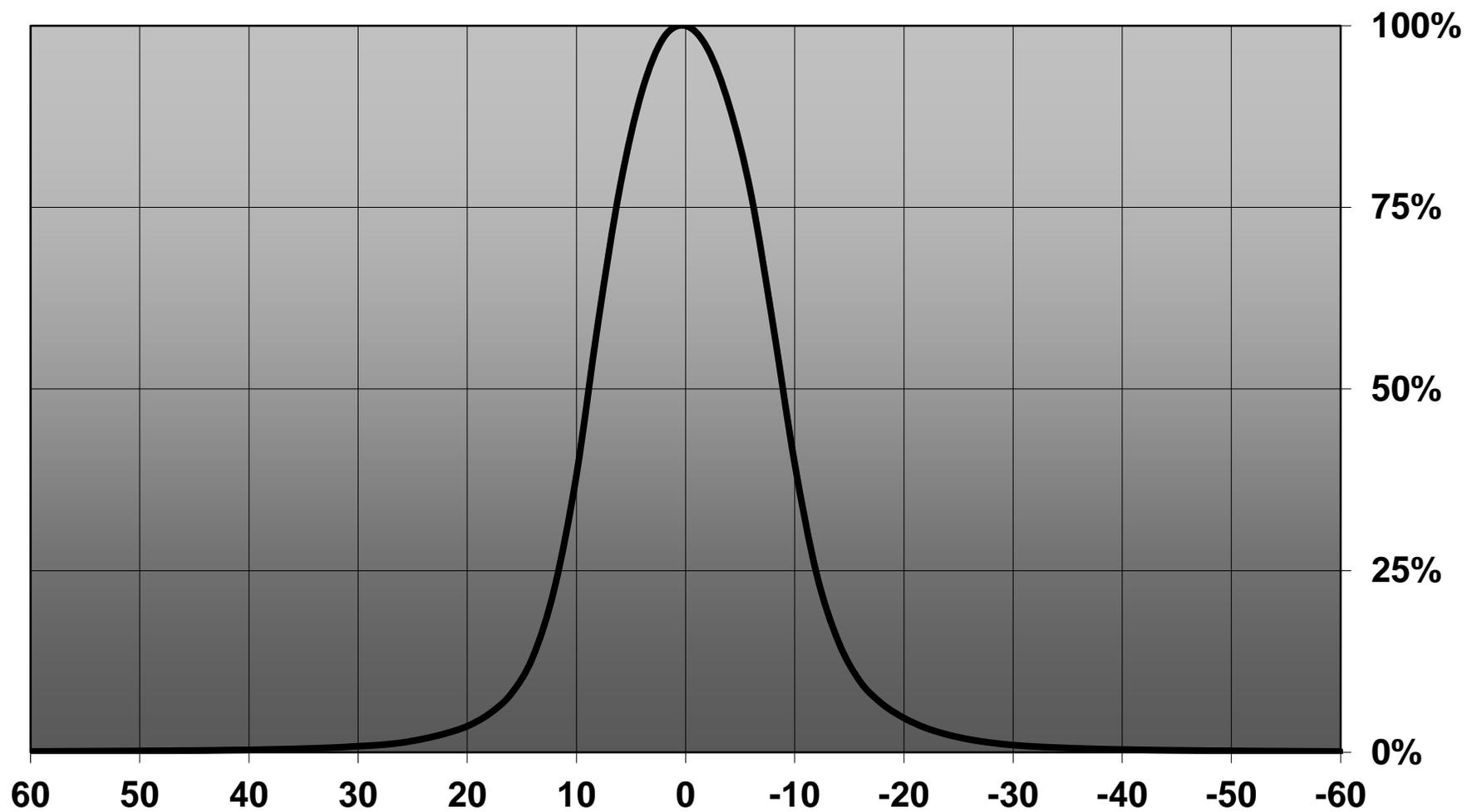
- Product series especially designed & optimized for Oslon Square EC series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

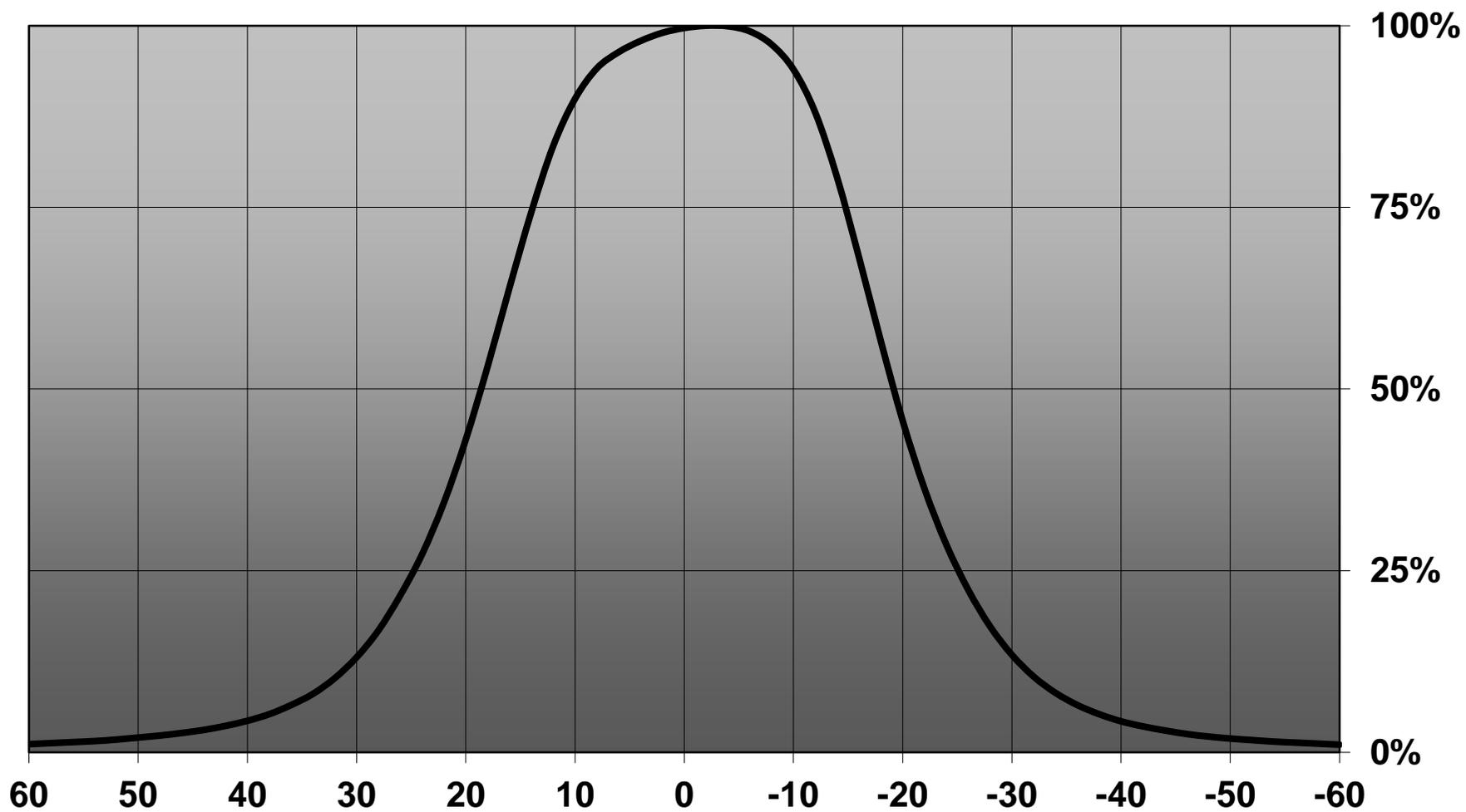
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

Relative intensity of CA11388_EMILY-M_(SQ EC)



Relative intensity of CA11934_EMILY-W_(SQ EC)



D

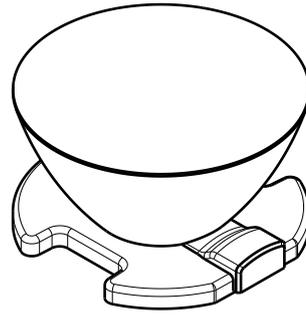
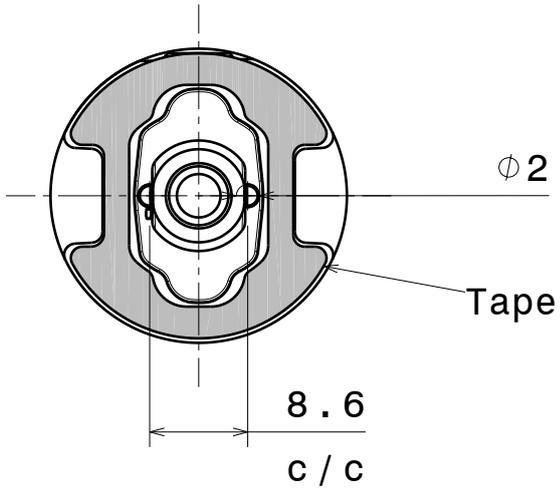
C

B

A

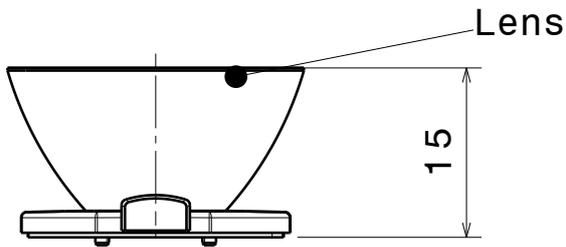
4

4

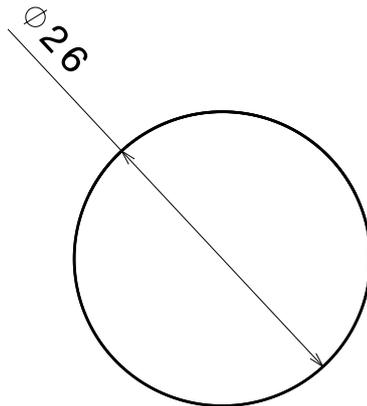


3

3



Front view



2

2

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class M, otherwise class C.
 According to DIN ISO 2768-2
 Form and position: class L

LEDiL Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CA13546_EMILY-RS

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE	PART NUMBER		
A4	-		

SCALE	3:2	WEIGHT	-	SHEET	1/1
-------	-----	--------	---	-------	-----

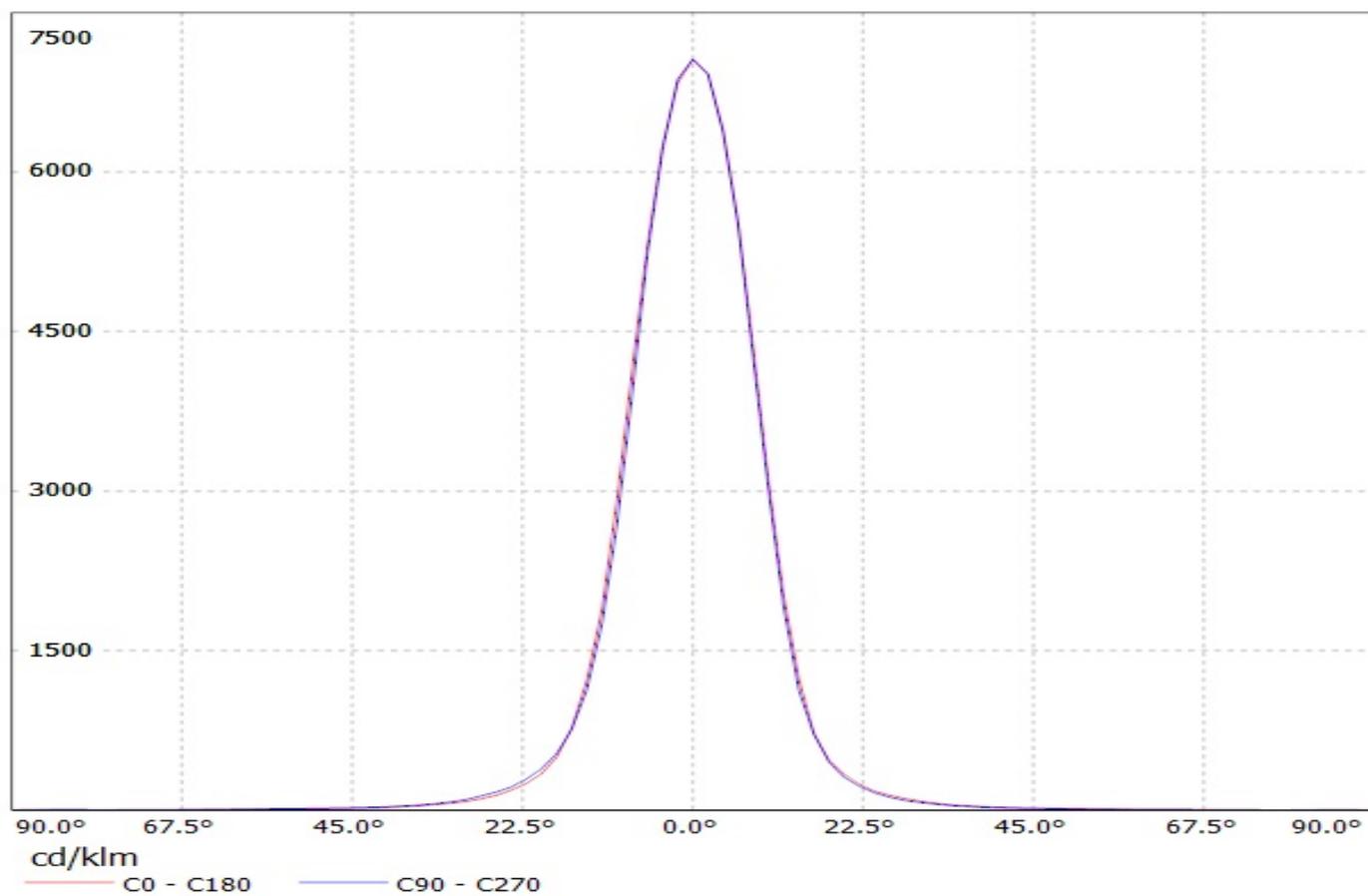
1

1

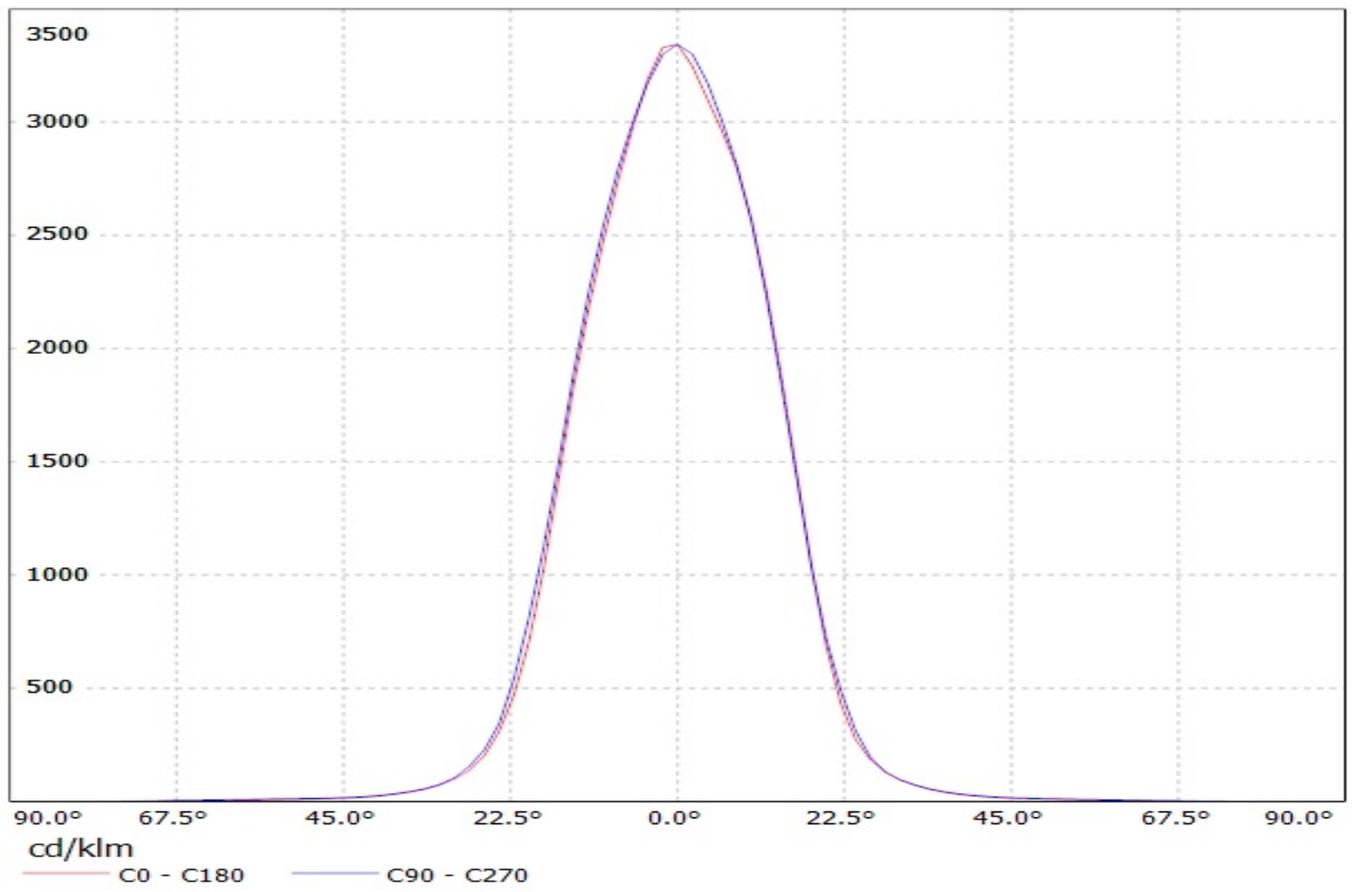
D

A

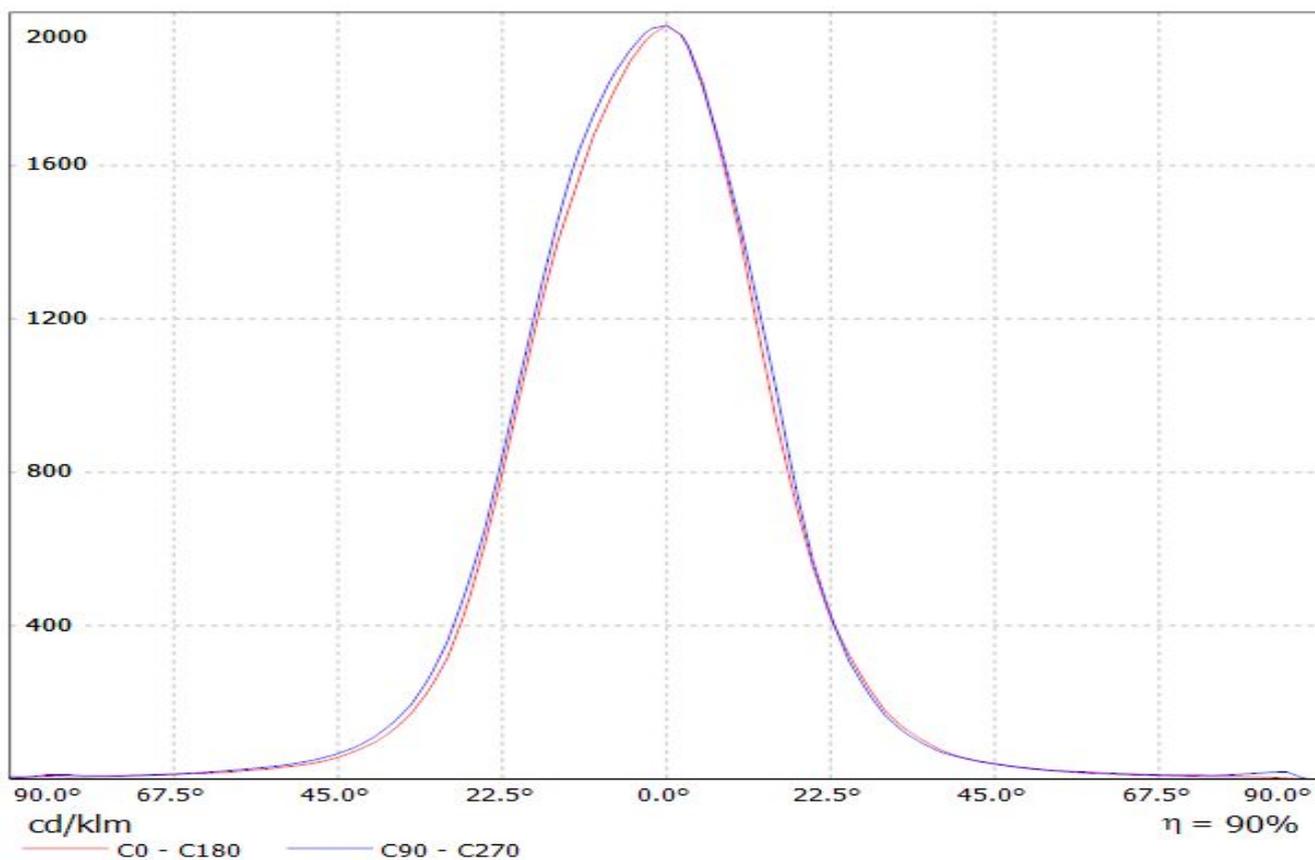
Luminaire: Ledil Oy CA11388-EMILY-M (Osram Square EC 62lm @ 250mA) Efficiency=89%
Lamps: 1 x Osram Square EC 62lm @ 250mA



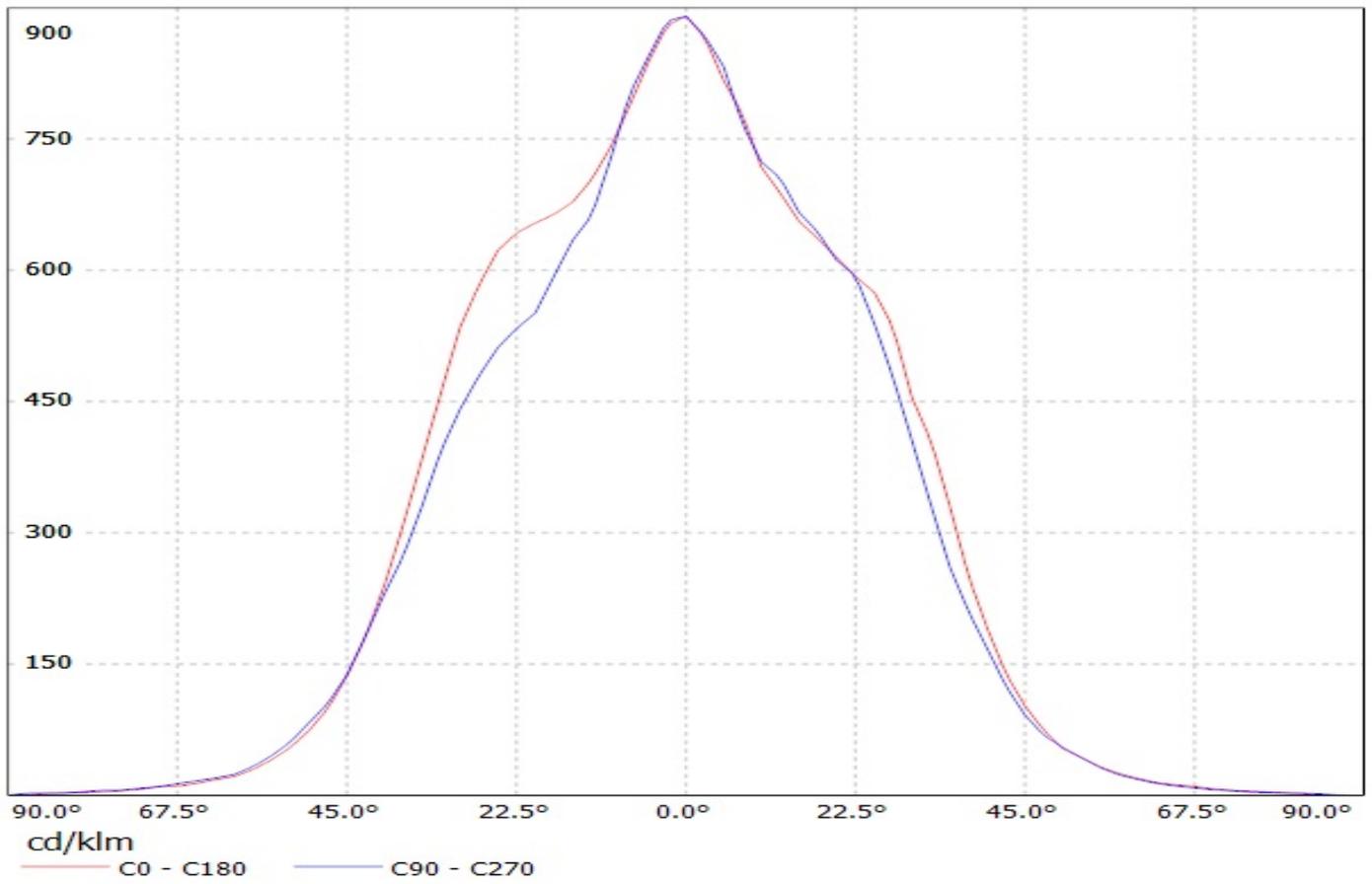
Luminaire: LEDil Oy CA11391_EMILY-M2_(Oslon_Square_EC) Efficiency=89%
Lamps: 1 x Osram Oslon Square EC (77.2lm @ 250mA) CCT=3200K P=0.8W I=250mA



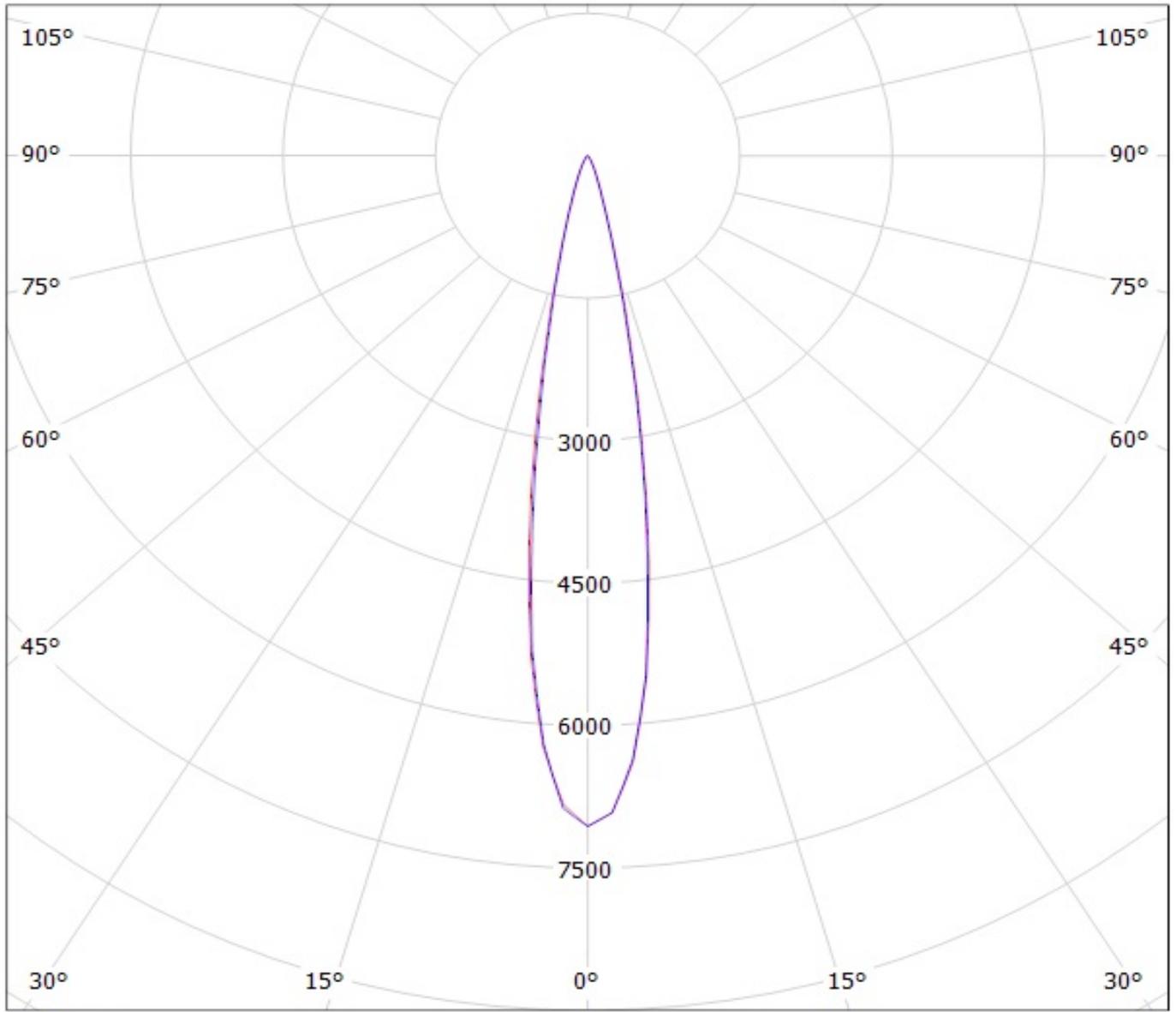
Luminaire: Ledil Oy CA11389-EMILY-O (Osram Square EC 62lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Square EC 62lm @ 250mA



Luminaire: Ledil Oy CA12589_EMILY-WWW (Osram Square EC 66lm @ 250mA) Efficiency=85%
Lamps: 1 x Osram Square EC 66lm @ 250mA



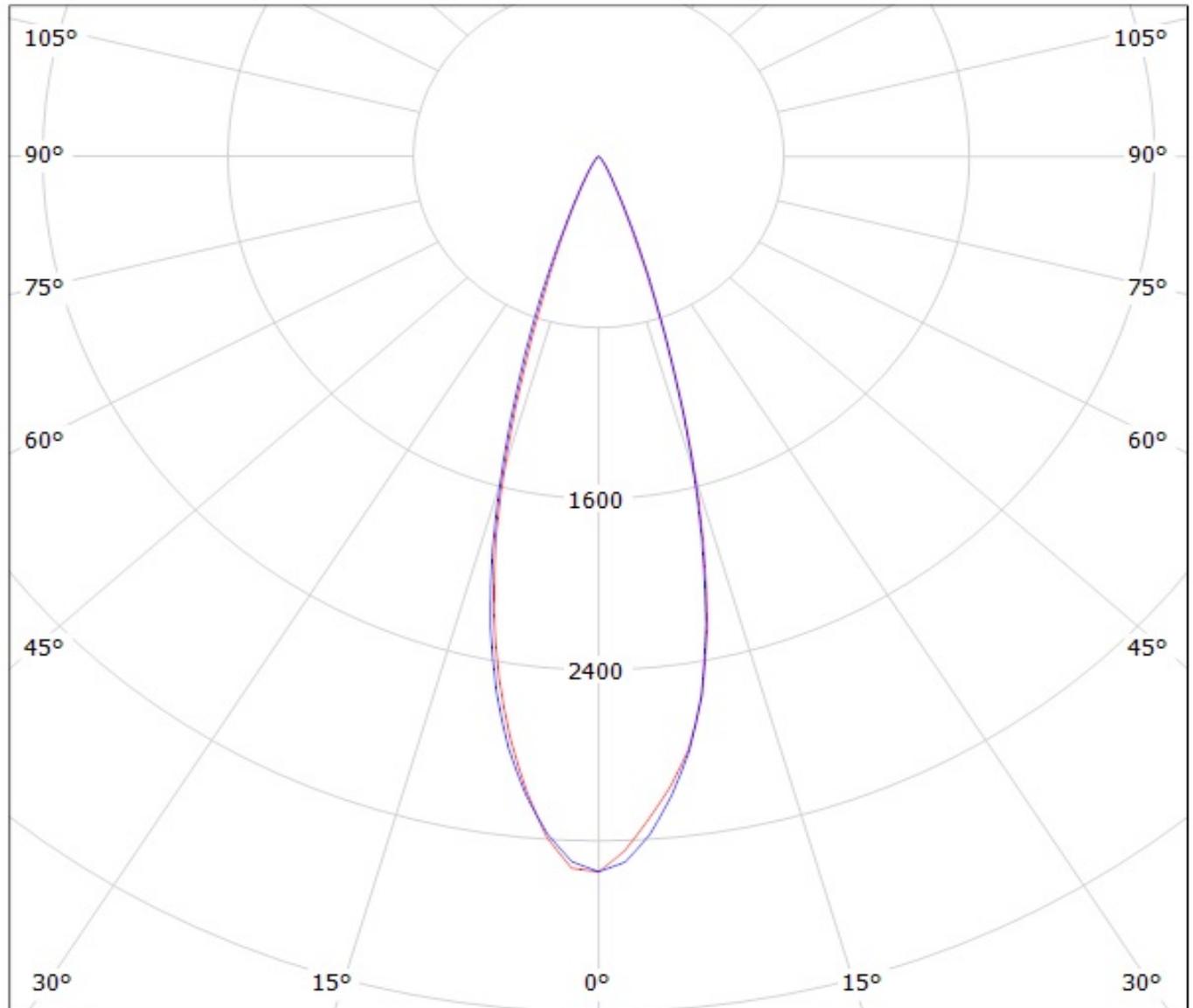
Luminaire: Ledil Oy CA11388-EMILY-M (Osram Square EC 62lm @ 250mA) Efficiency=89%
Lamps: 1 x Osram Square EC 62lm @ 250mA



cd/klm

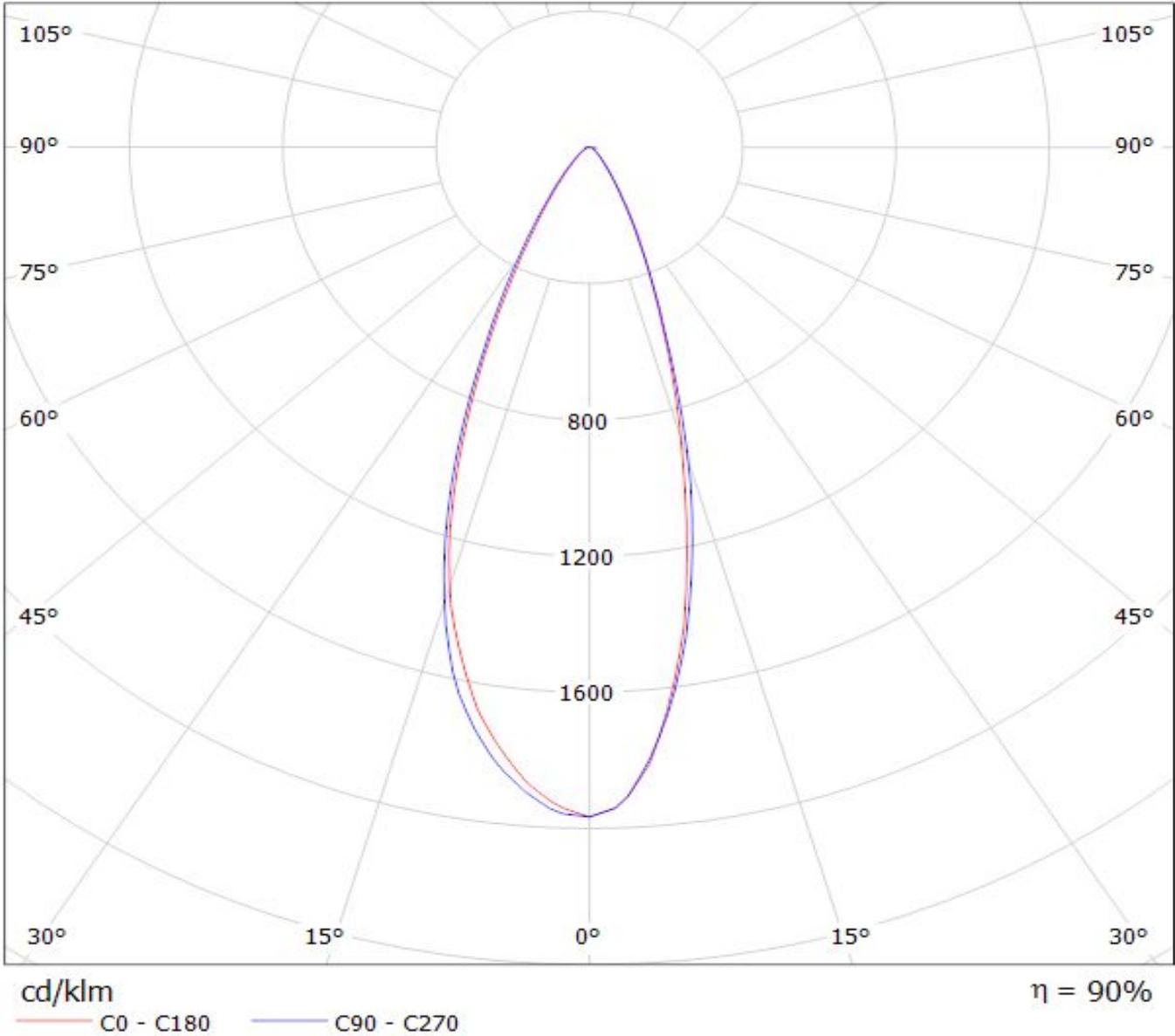
— C0 - C180 — C90 - C270

Luminaire: LEDil Oy CA11391_EMILY-M2_(Oslon_Square_EC) Efficiency=89%
Lamps: 1 x Osram Oslon Square EC (77.2lm @ 250mA) CCT=3200K P=0.8W I=250mA

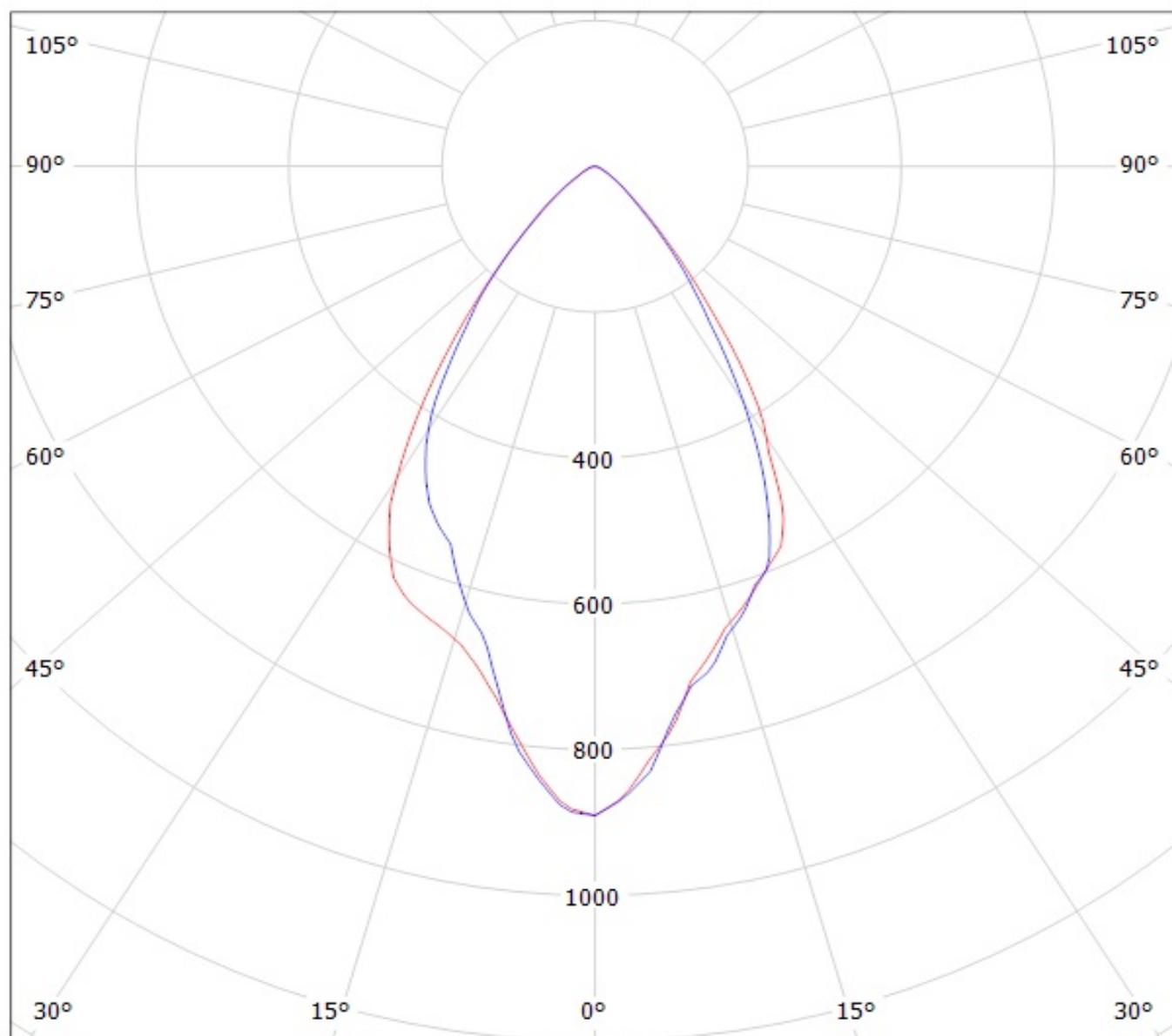


cd/klm
— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CA11389-EMILY-O (Osram Square EC 62lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Square EC 62lm @ 250mA



Luminaire: Ledil Oy CA12589_EMILY-WWW (Osram Square EC 66lm @ 250mA) Efficiency=85%
Lamps: 1 x Osram Square EC 66lm @ 250mA



cd/klm

— C0 - C180

— C90 - C270