

## DETAILS

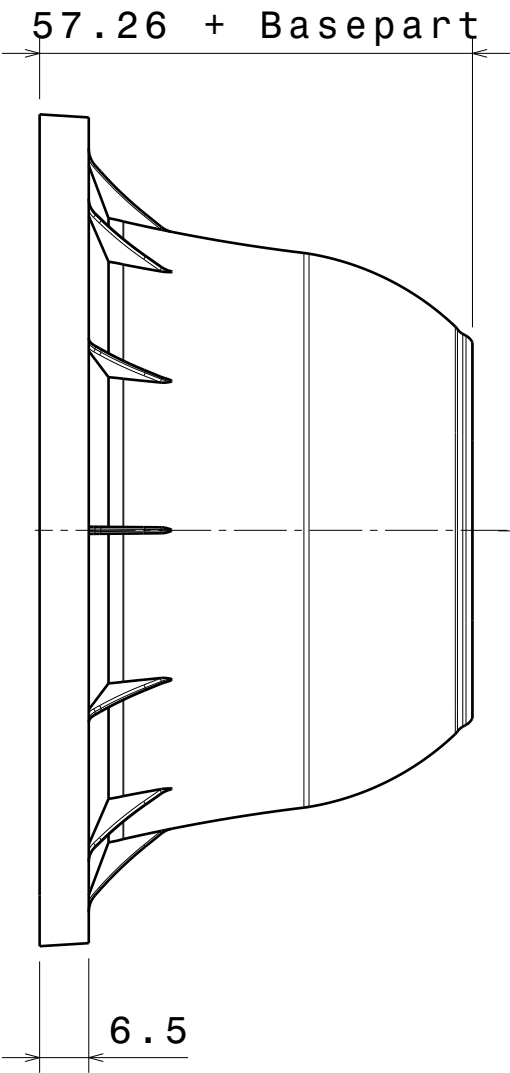
<b>Product Number</b>	F14534_ANGELETTE-WW
<b>Family</b>	Angelette
<b>Type</b>	Reflector
<b>Color</b>	metal
<b>Diameter</b>	110 mm
<b>Height</b>	57,3 mm
<b>Style</b>	round
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	socket
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	5/04/2016



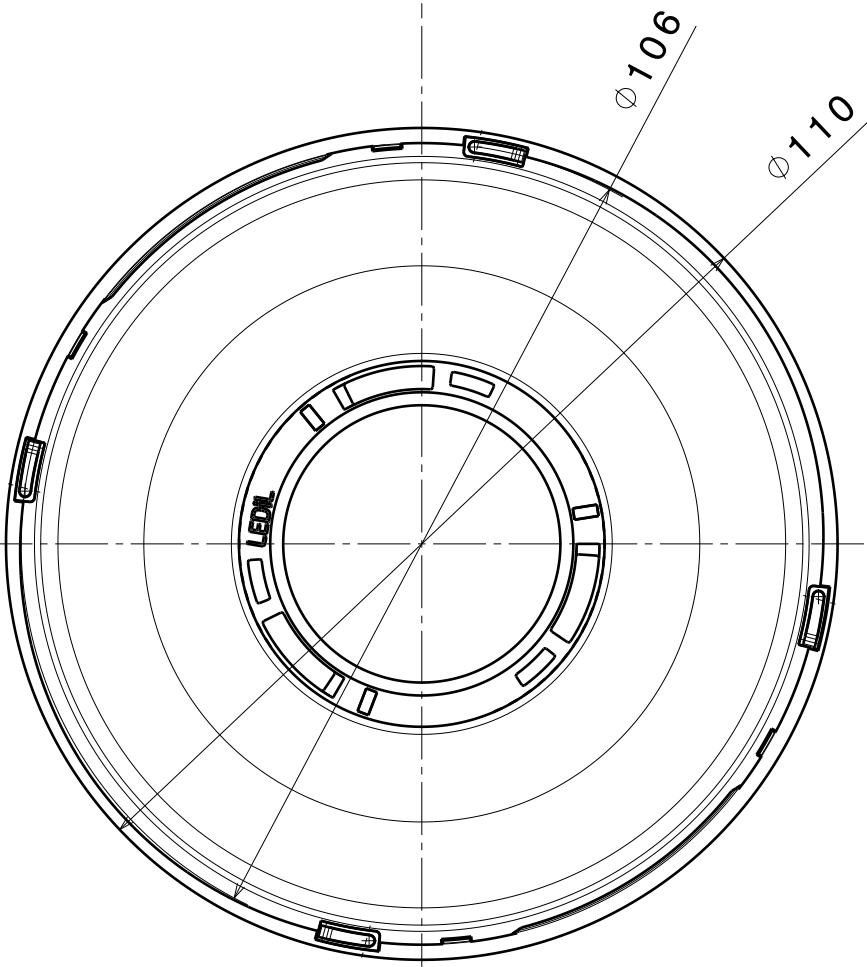
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LC040C	53 deg	Very Wide	89 %	1.200	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
Soleriq S13 Gen2	56 deg	Very Wide	89 %	1.100	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
WU-M-484	56 deg	Very Wide	89 %	1.100	TE: OPTIC CLIP Z50 TYPE1: 2213194-1
LUXEON CoB 1208	61 deg	Very Wide	89 %	1.100	IDEAL: 50-2100SH + 50-2100AN
LUXEON CoB 1208	61 deg	Very Wide	89 %	1.100	TE: 2213130-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
CLL03x/CLU03x	61 deg	Very Wide	89 %	1.100	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
PrevaLED Core Z4 LES19	62 deg	Very Wide	89 %	1.000	TE: OPTIC CLIP Z50 TYPE1: 2213194-1
LUXEON CoB 1208	63 deg	Very Wide	89 %	0.970	IDEAL: 50-2204-CT + 50-2100AN
V22	63 deg	Very Wide	89 %	0.920	IDEAL: 50-2204-CT + 50-2100AN
Soleriq S19	63 deg	Very Wide	89 %	1.000	TE: 2213407-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
LUXEON CoB 1216	63 deg	Very Wide	89 %	0.920	IDEAL: 50-2204-CT + 50-2100AN

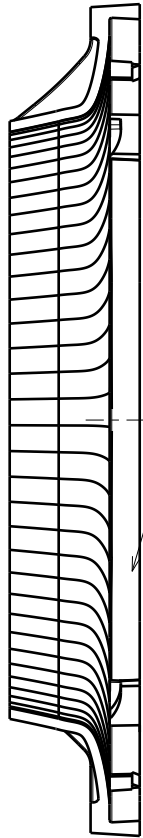
NOTE: Customer may add additional light modifying parts to Angelette family(excluding the plain versions):  
Minumum height of additional part is 1.5mm and maximum is 2.2mm. Diameter is 105.9mm±0.3



Front view

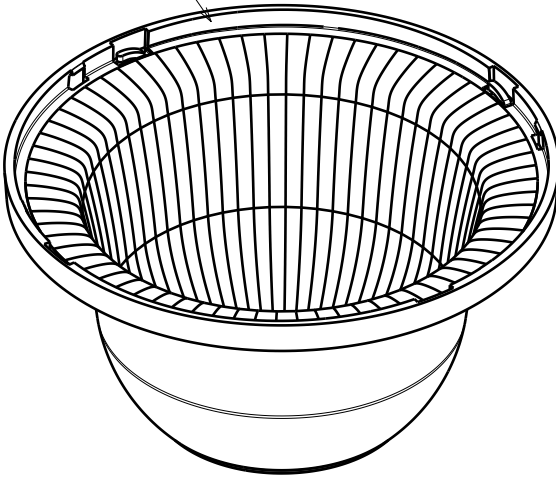


Top view

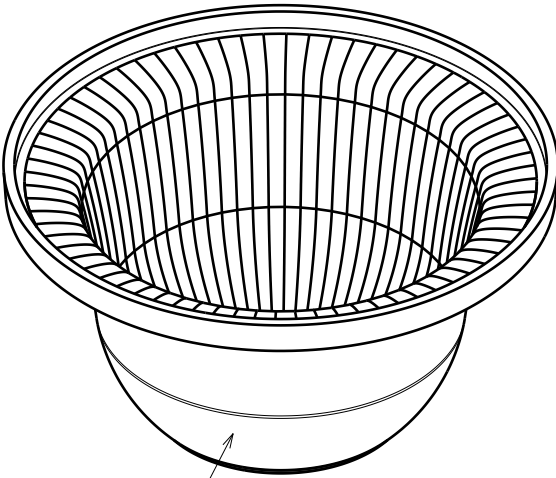


Section view

ANGELETTE-WW



ANGELETTE-WW-PLAIN

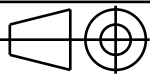


Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
up to 30mm class M, otherwise class C  
According to DIN ISO 2768-2  
Form and position: class L

LEDiL

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



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DRAWING TITLE

Datasheet\_ANGELETTE-WW

SIZE

A3

PART NUMBER

ANGELETTE-WW

ANGELETTE-WW-PLAIN

SCALE

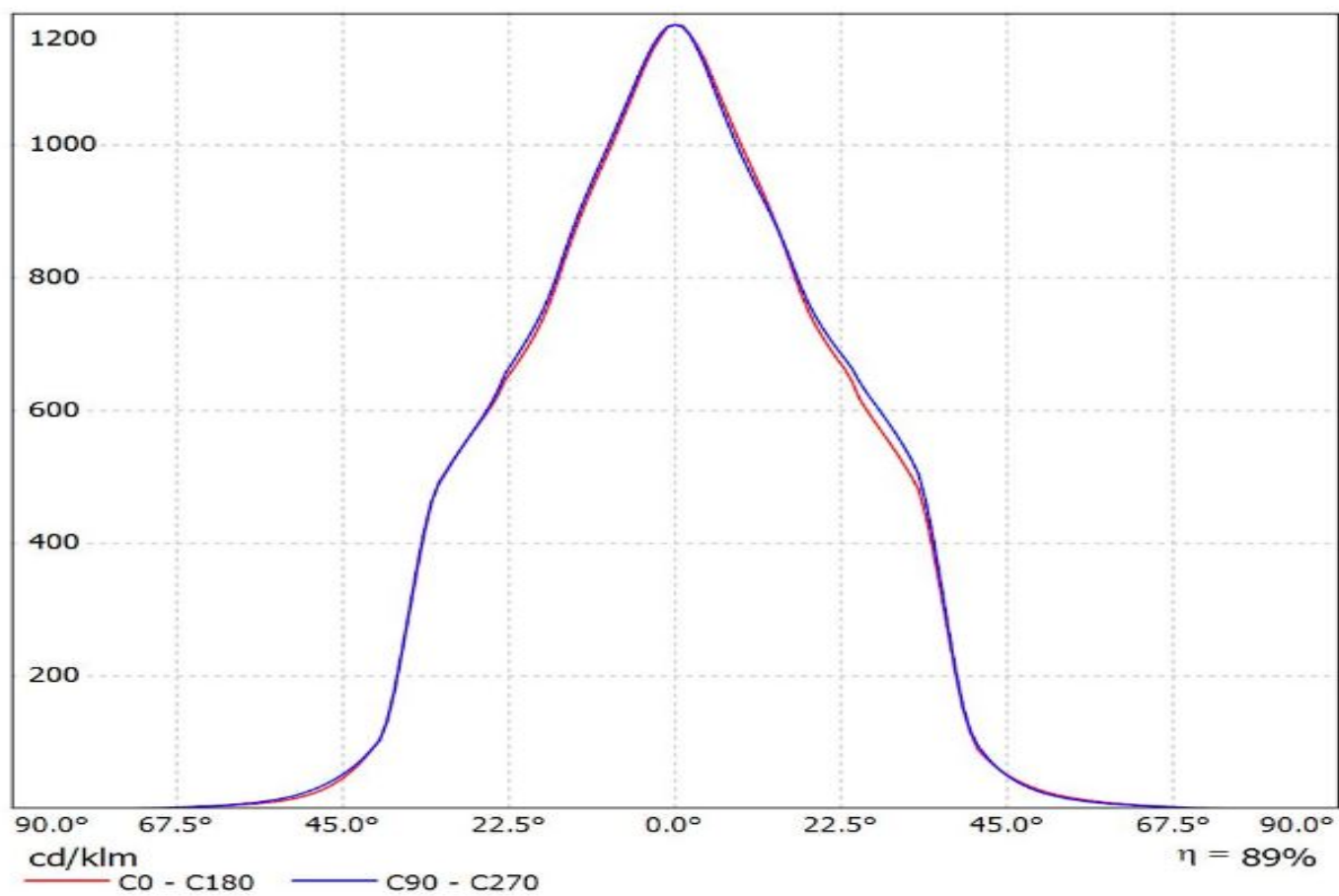
1:1

WEIGHT

SHEET

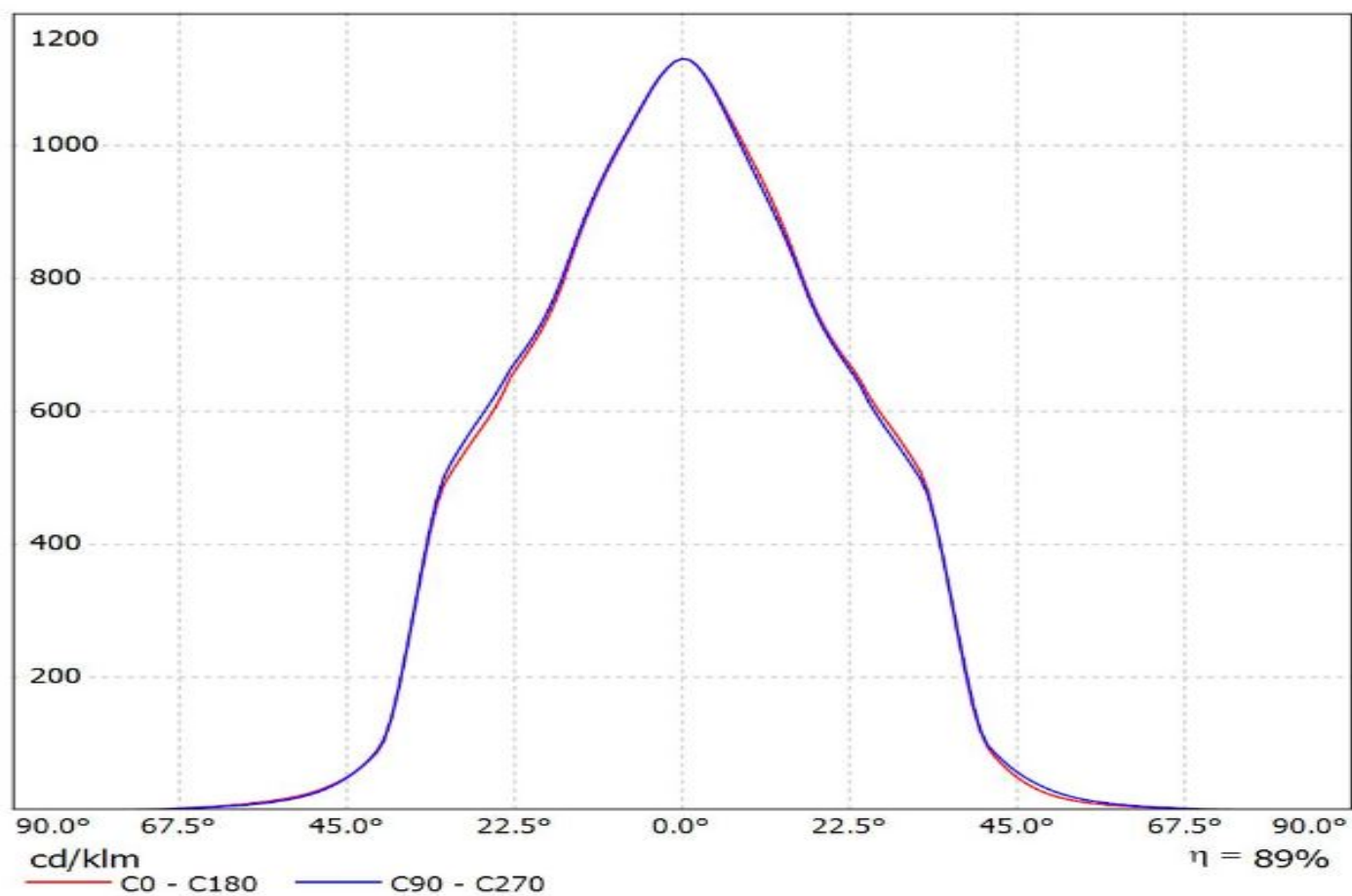
1/1

Luminaire: Ledil F14534\_ANGELETTE-WW\_(LC040C+TE)  
Lamps: 1 x Samsung\_LC040C+\_2213382-2+\_2213194-1\_1194.16lm@250mA\_CCT=4000K\_P=8.137W

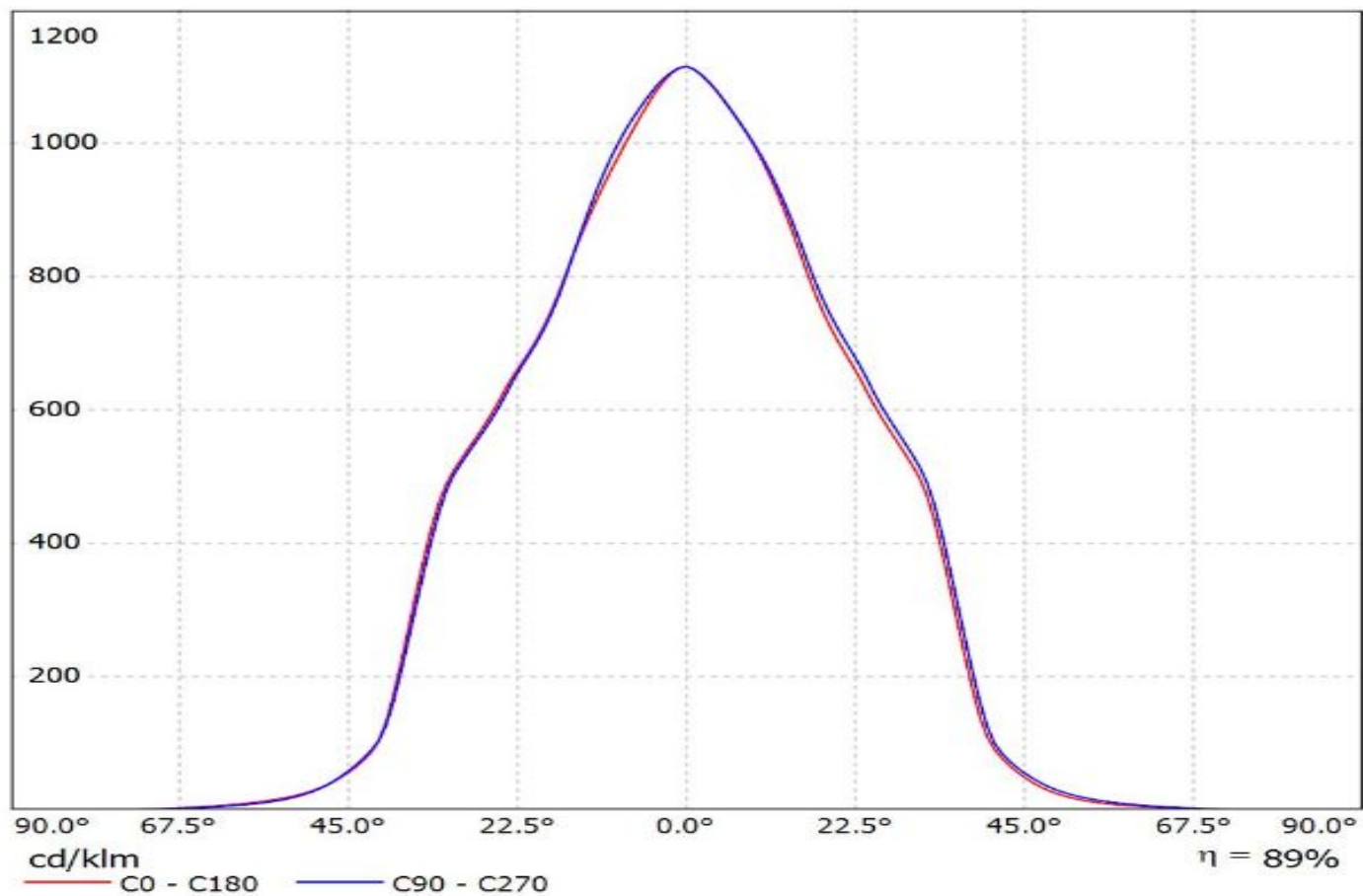


Luminaire: Ledil F14534\_ANGELETTE-WW\_(S13\_Gen2+TE)

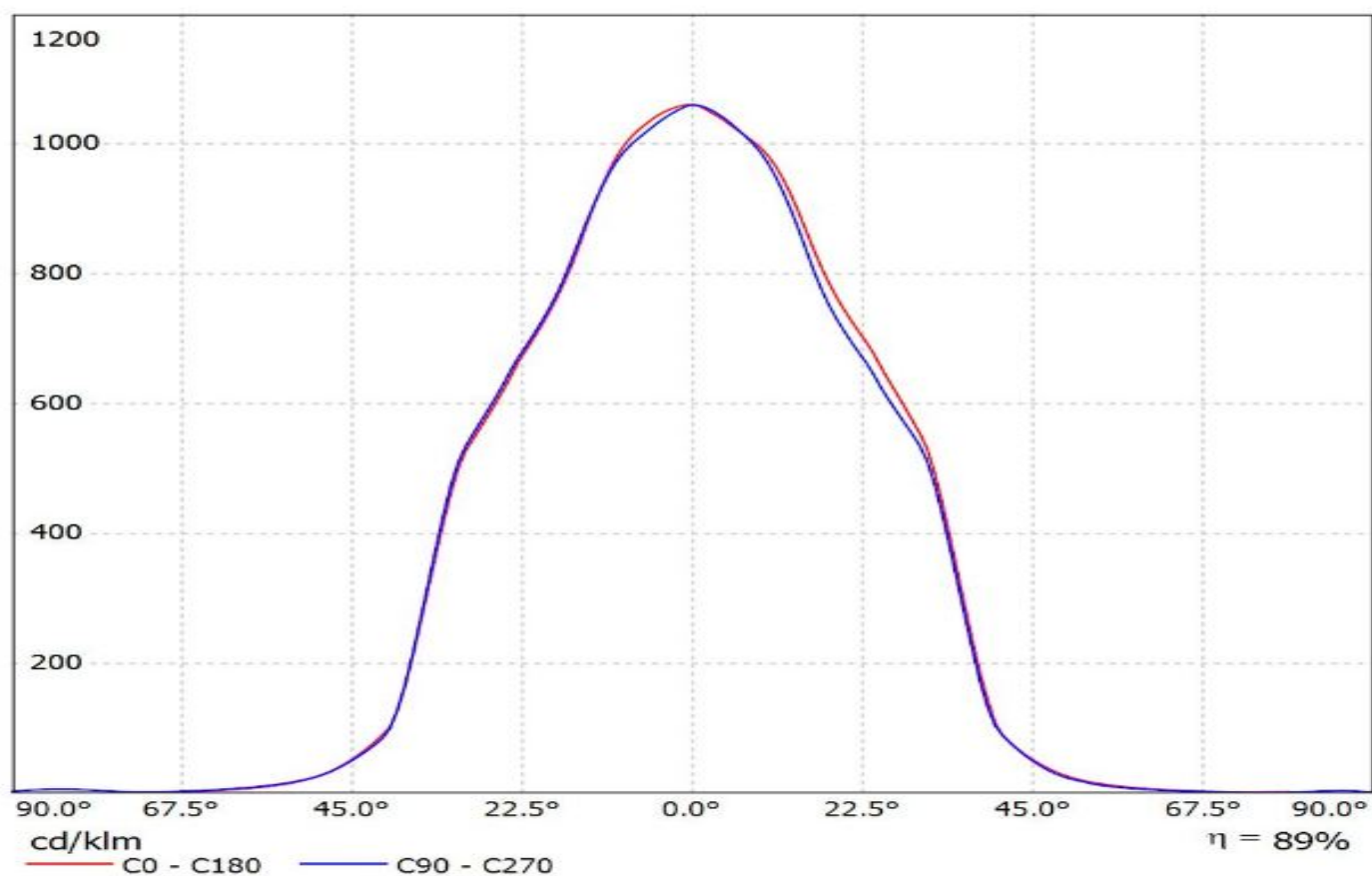
Lamps: 1 x Soleriq\_S13\_Gen2+\_2213254-2+\_2213194-1\_1309.23lm@250mA\_P=8.7840W\_I=0.250A



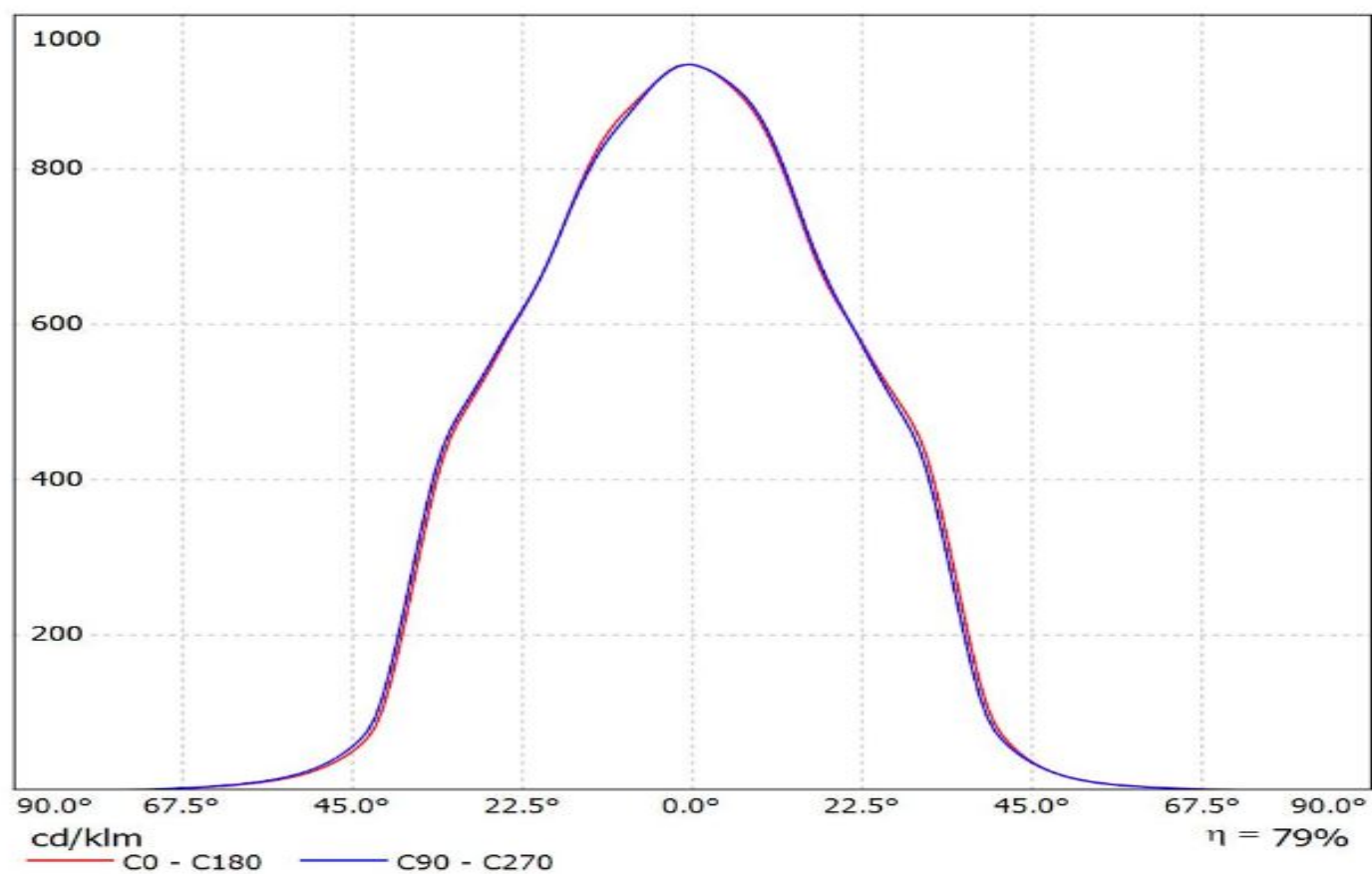
Luminaire: Ledil F14534\_ANGELETTE-WW\_(WU-M-484+TE)  
Lamps: 1 x Vossloh\_Schwabe\_WU-M-484-830\_681.21lm@250mA\_P=5.6195W\_I=0.25A



Luminaire: Ledil F14534\_ANGELETTE-WW\_(CoB1208+IDEAL)  
Lamps: 1 x Luxeon\_CoB1208\_+\_50-2100SH+50-  
2100AN\_1062.11lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A

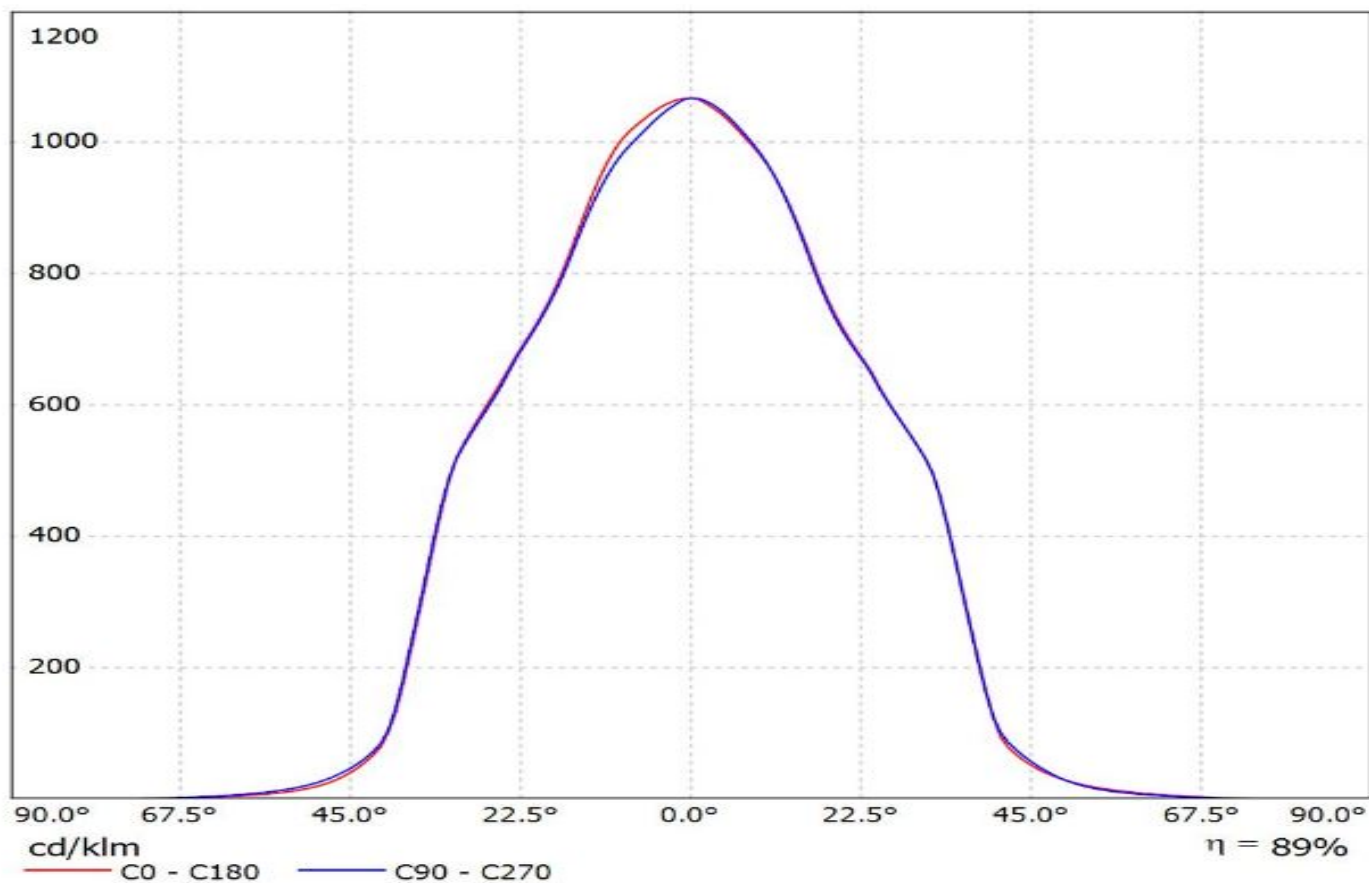


Luminaire: Ledil F14534\_ ANGELETTE-WW\_ (CoB1208+TE)  
Lamps: 1 x Luxeon\_CoB1208\_ +\_ 2213130-2\_ +\_ 2213194-  
1\_1062.11lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A





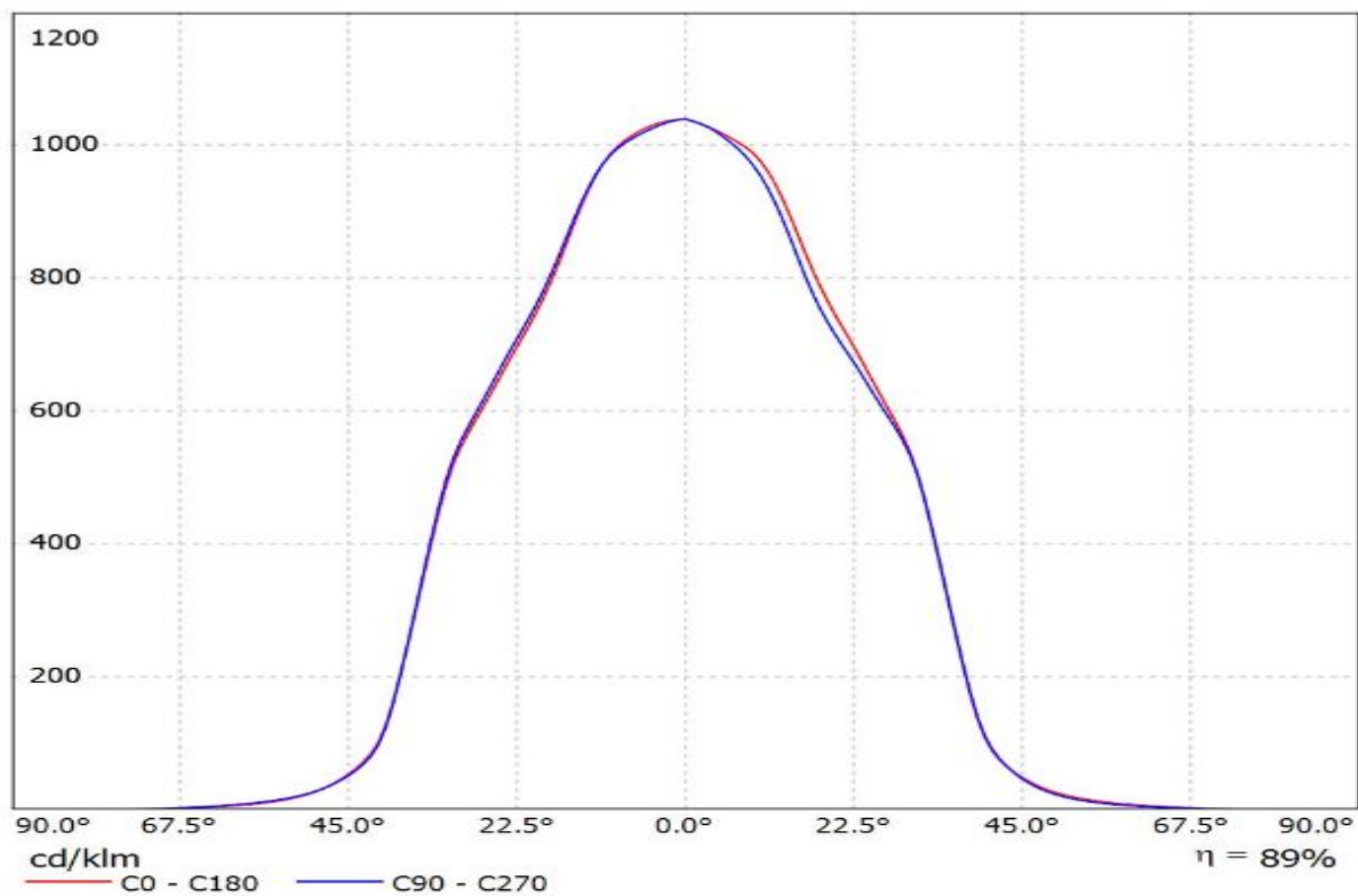
Luminaire: Ledil F14534\_ANGELETTE-WWW\_(CLU038+TE)  
Lamps: 1 x Citizen\_CLU038\_(-1205C4-273MZK1)\_+2213254-2\_+2213194-  
1\_1351.18lm@250mA\_P=8.4078W\_I=0.25A



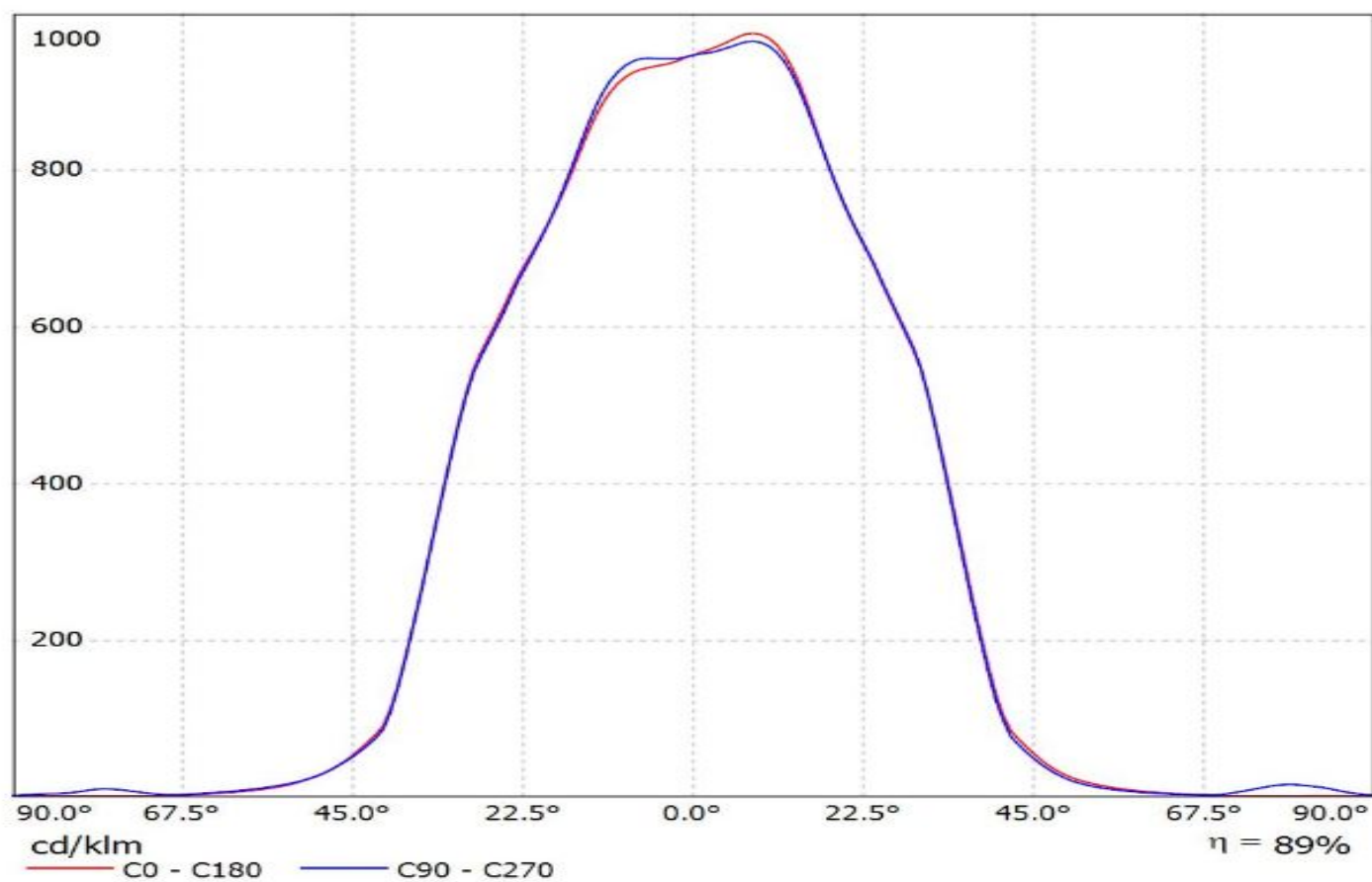


Luminaire: Ledil F14534\_ANGELETTE-WW\_(PREVALED\_Core\_Z4)

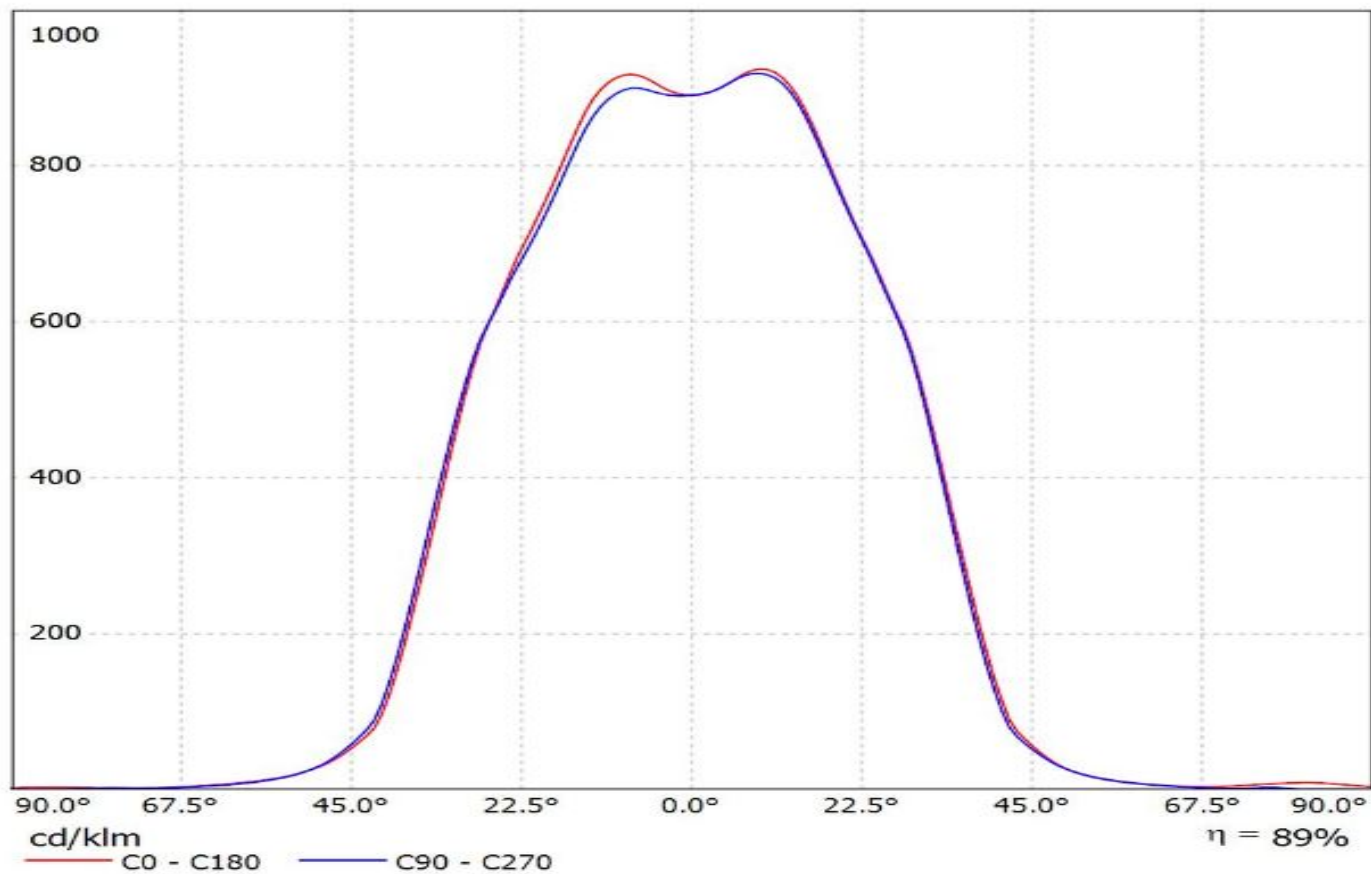
Lamps: 1 x PREVALED\_Core\_Z4\_LES19\_1470.62lm@250mA\_P=10.828W\_I=0.25A



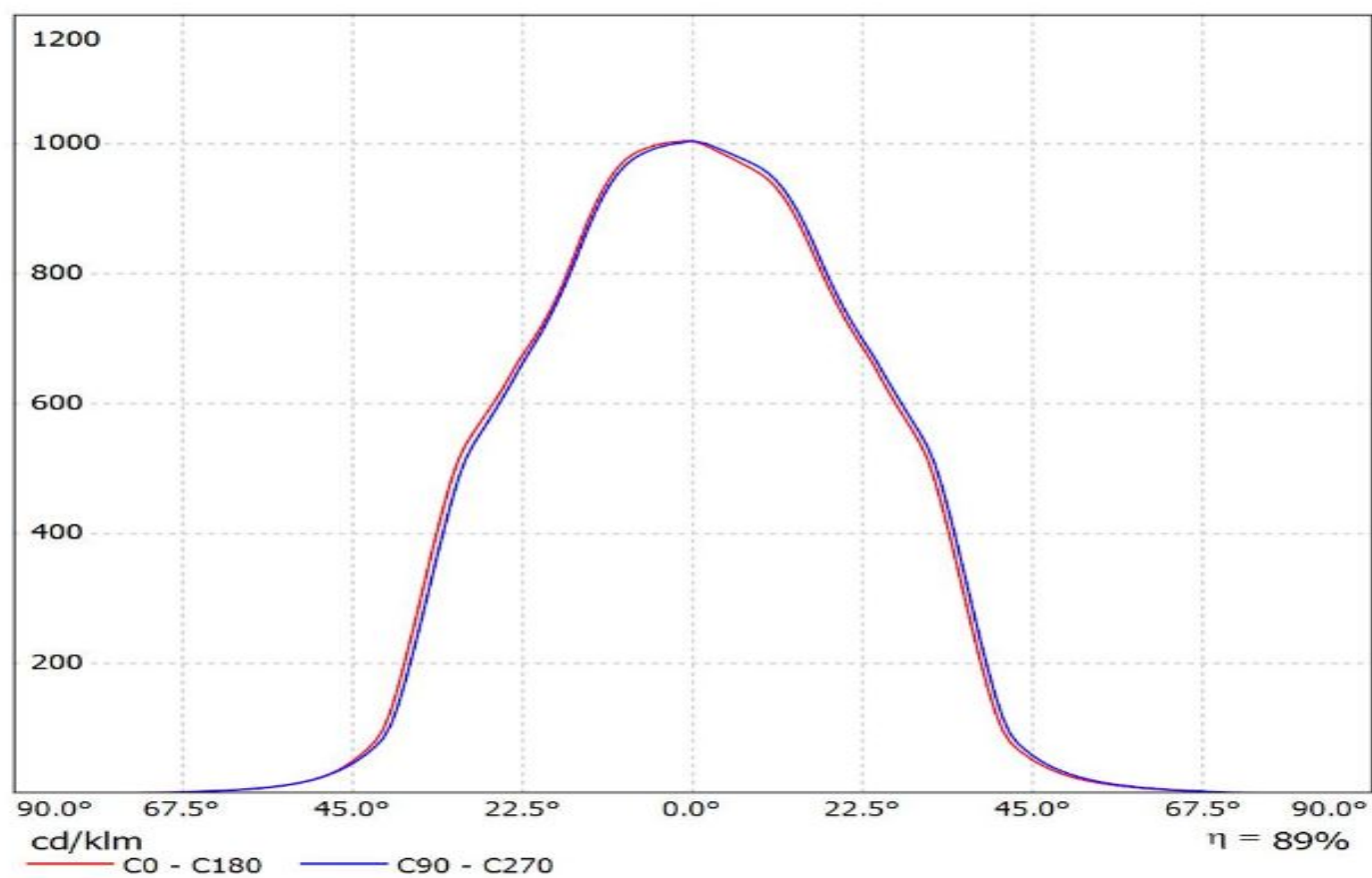
Luminaire: Ledil F14534\_ANGELETTE-WW\_(CoB1211+IDEAL)  
Lamps: 1 x Luxeon\_CoB1211\_(L2C2-4080)\_50-2204CT+50-  
2100AN\_1376.18lm@250mA\_P=7.9988W\_I=0.25A



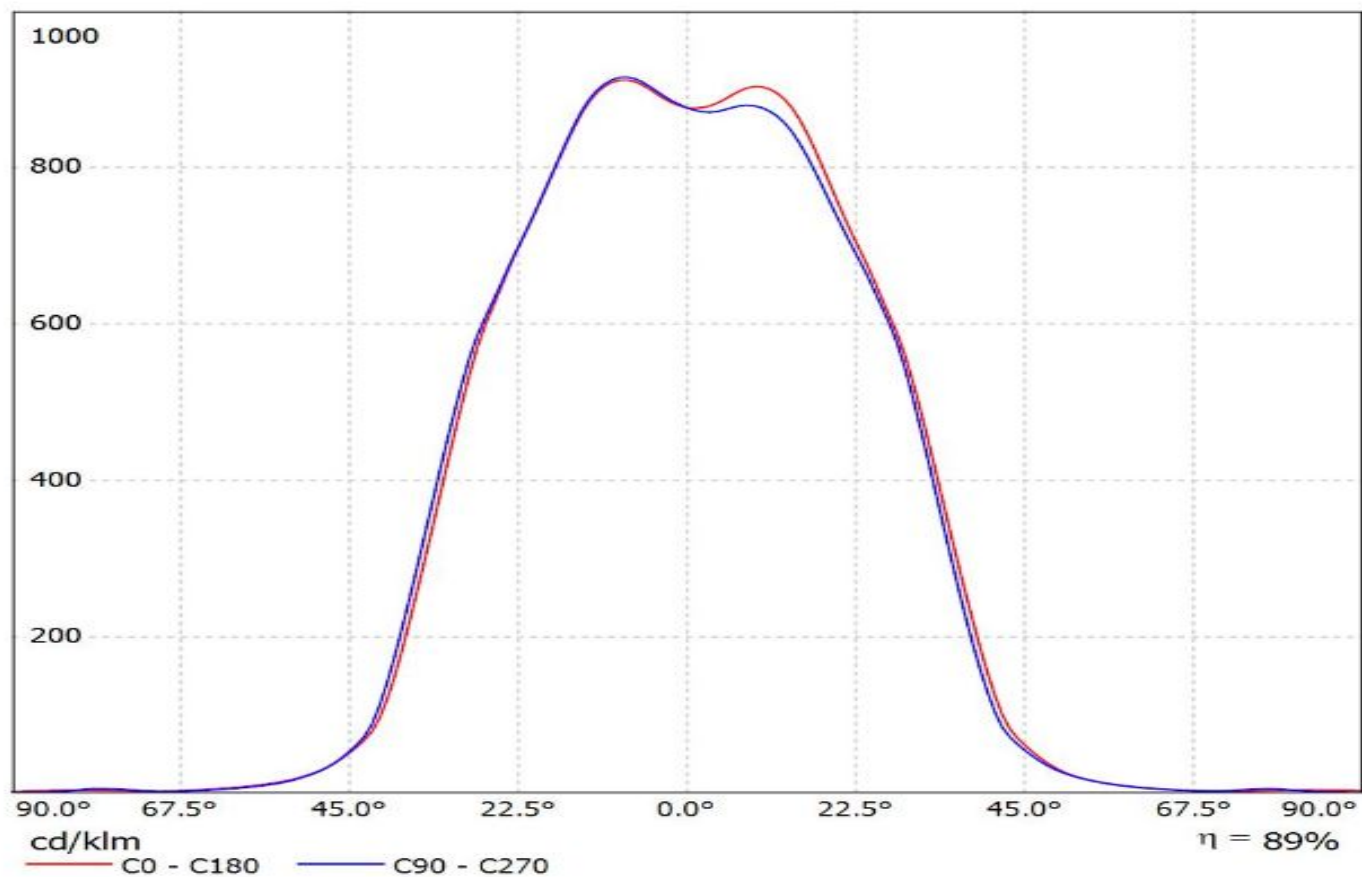
Luminaire: Ledil F14534\_ANGELETTE-WW\_(V22+IDEAL)  
Lamps: 1 x Bridgelux\_V22\_(BXRE30E6500H-Y2)\_+50-2204CT\_+\_50-2100AN\_1193.54lm@250mA\_CCT=3000K\_P=8.0988W\_I=0.25A



Luminaire: Ledil F14534\_ANGELETTE-WWW\_(S19+TE)  
Lamps: 1 x Osram\_Soleric\_S19\_(GW\_KAHJB1.EM)\_+2213407-2+2213194-  
1\_1546.1lm@250mA\_CCT=3000K\_P=11.021W\_I=0.25A

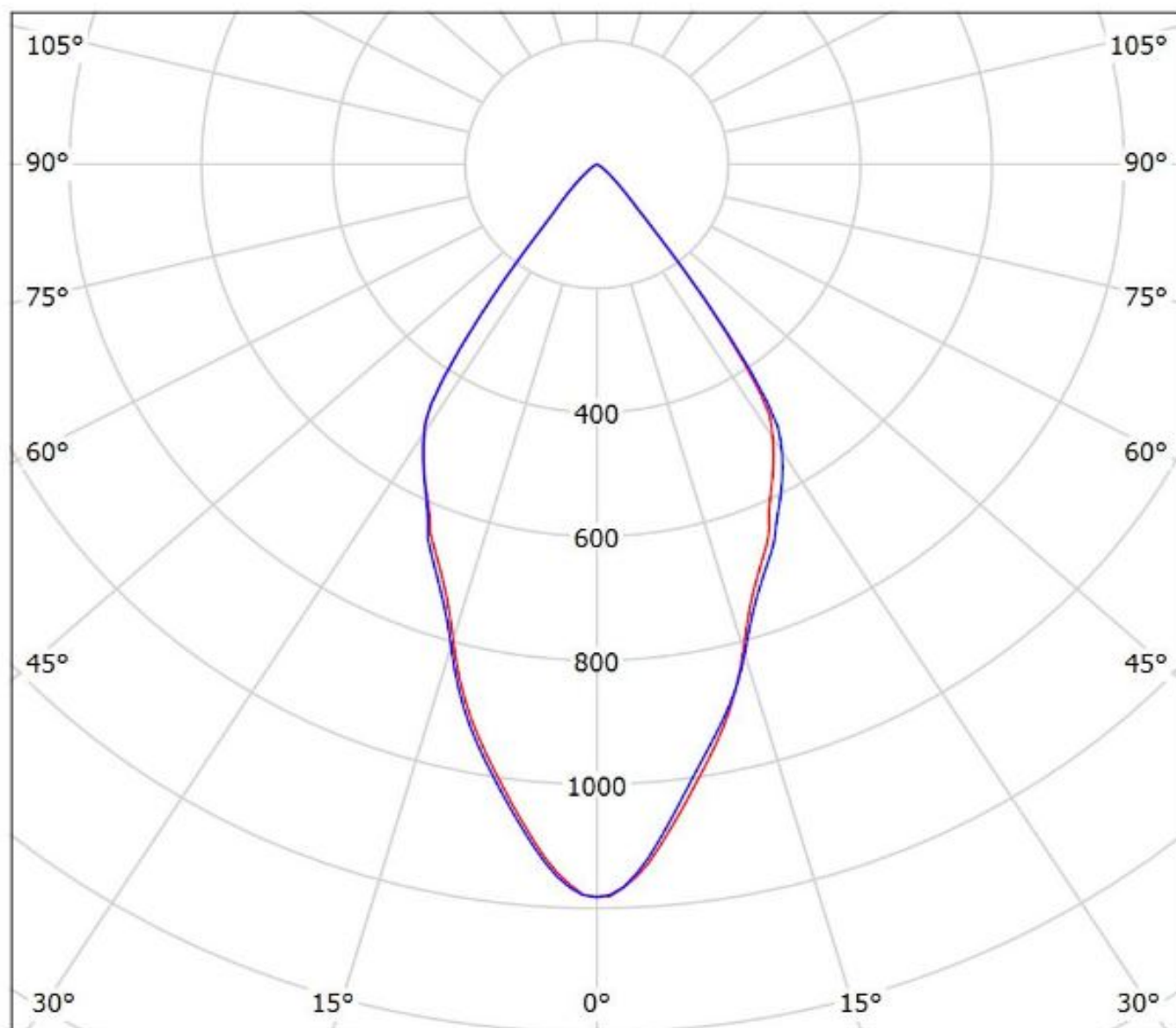


Luminaire: Ledil F14534\_ANGELETTE-WWW\_(CoB1216\_IDEAL)  
Lamps: 1 x Luxeon\_CoB1216\_(L2C2-40801216E2300)\_+50-2204C\_+\_50-  
2100AN\_1447.57lm@250mA\_CCT=4000K\_P=8.0135W\_I=0.25A



Luminaire: Ledil F14534\_ANGELETTE-WW\_(LC040C+TE)

Lamps: 1 x Samsung\_LC040C+\_2213382-2+\_2213194-1\_1194.16lm@250mA\_CCT=4000K\_P=8.137W



cd/klm

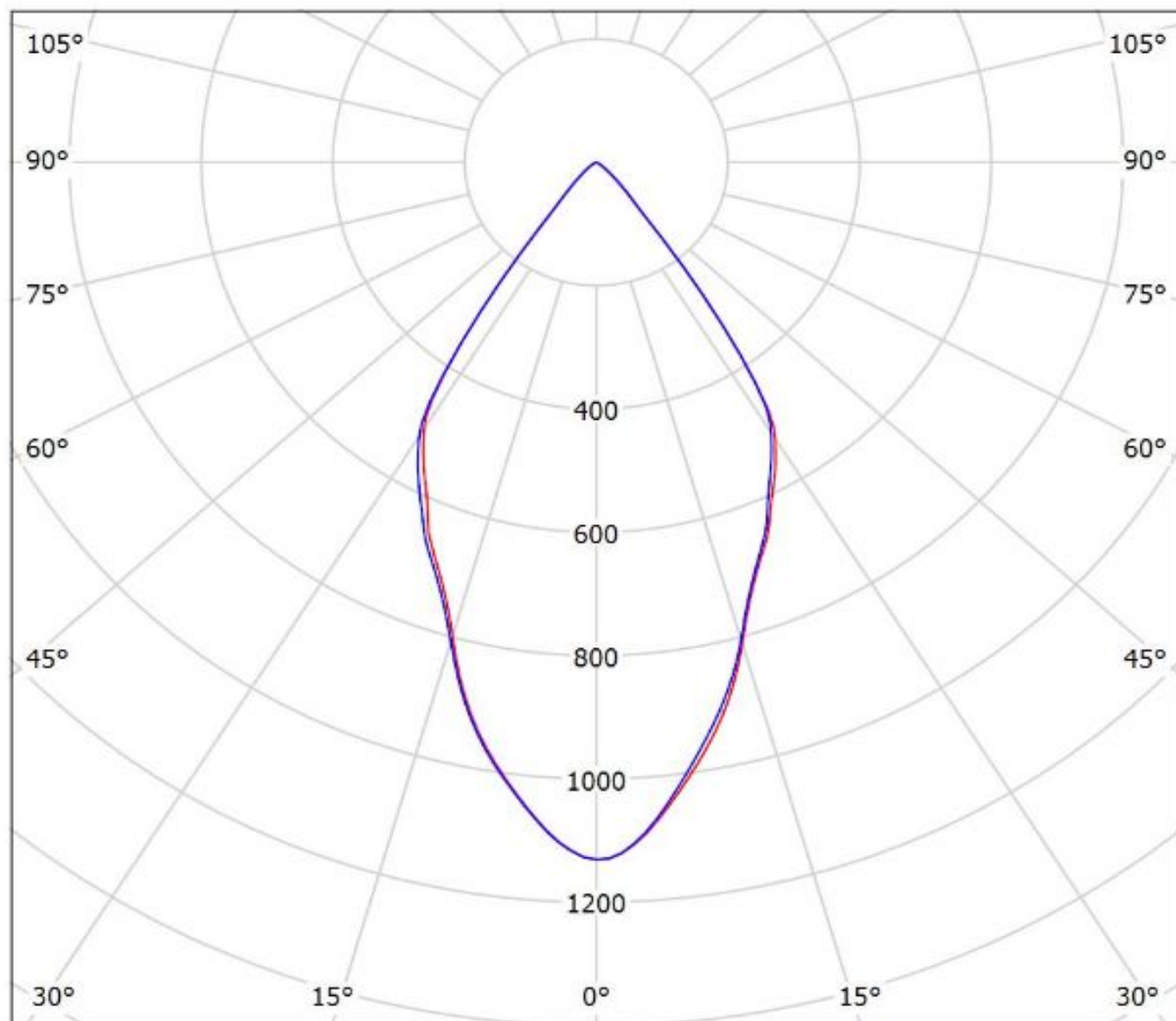
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14534\_ANGELETTE-WW\_(S13\_Gen2+TE)

Lamps: 1 x Soleriq\_S13\_Gen2+\_2213254-2+\_2213194-1\_1309.23lm@250mA\_P=8.7840W\_I=0.250A



cd/klm

— C0 - C180

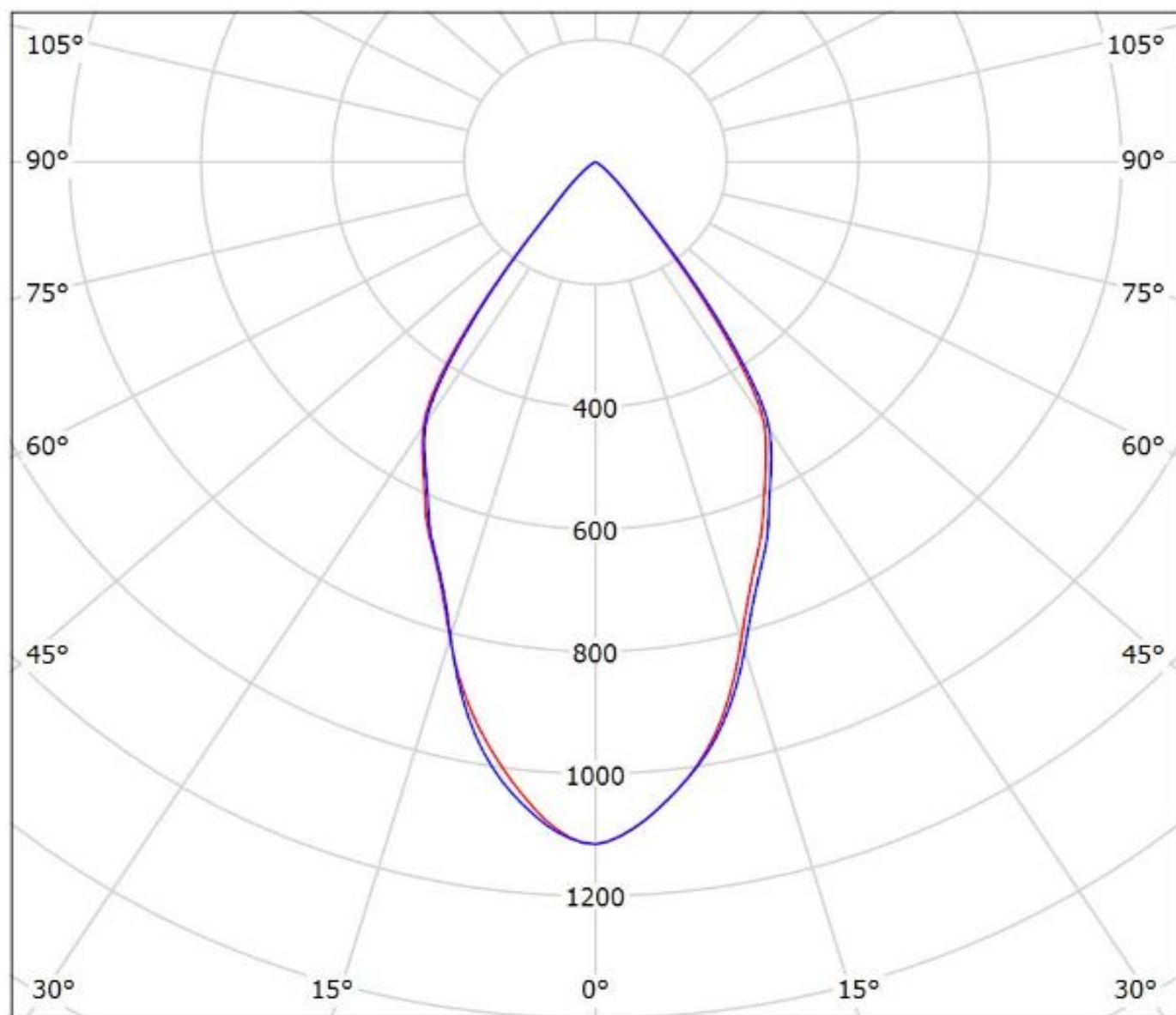
— C90 - C270

$\eta = 89\%$



Luminaire: Ledil F14534\_ANGELETTE-WW\_(WU-M-484+TE)

Lamps: 1 x Vossloh\_Schwabe\_WU-M-484-830\_681.21lm@250mA\_P=5.6195W\_I=0.25A



cd/klm

— C0 - C180

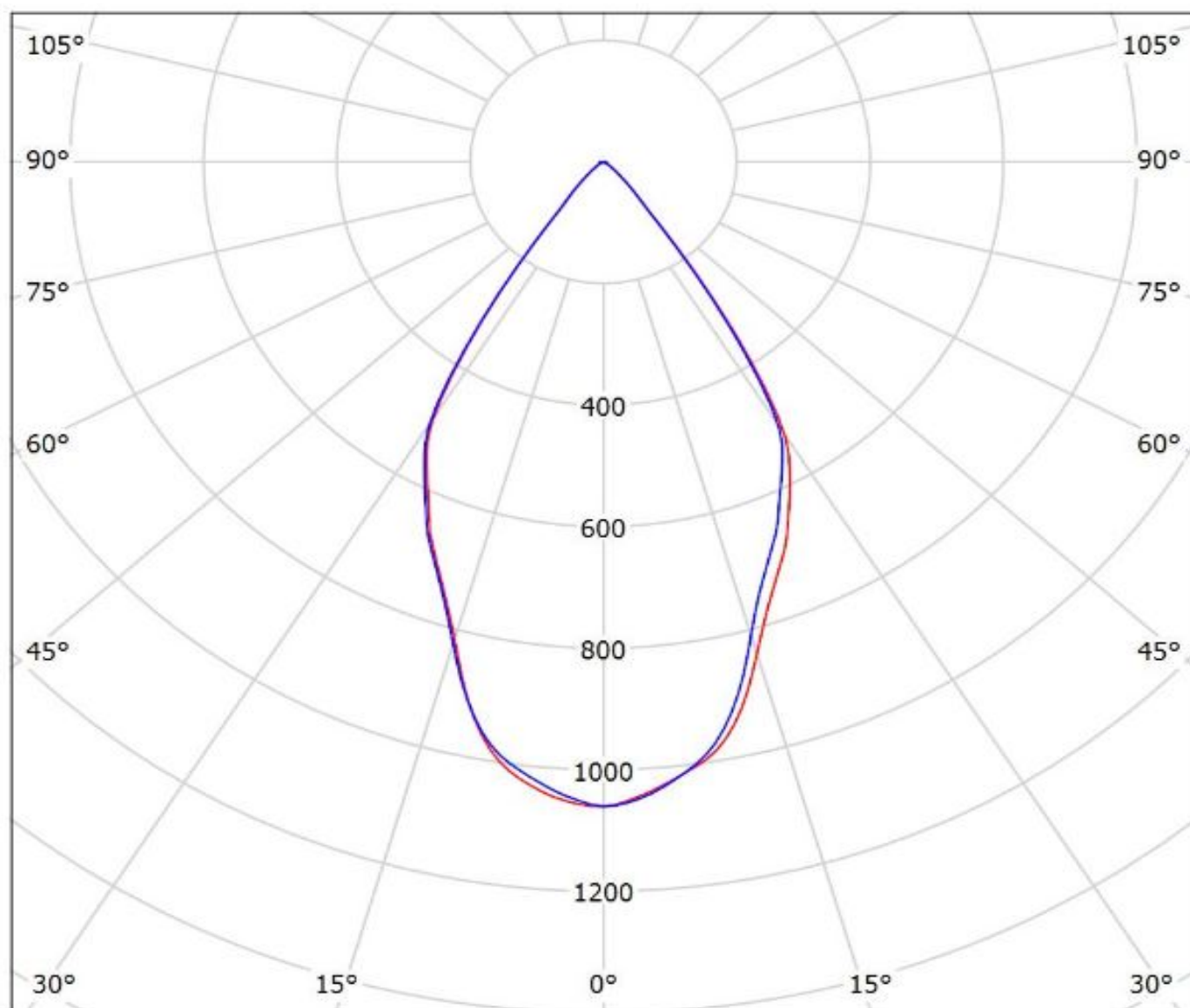
— C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14534\_ANGELETTE-WW\_(CoB1208+IDEAL)

Lamps: 1 x Luxeon\_CoB1208\_+\_50-2100SH+50-

2100AN\_1062.11lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A



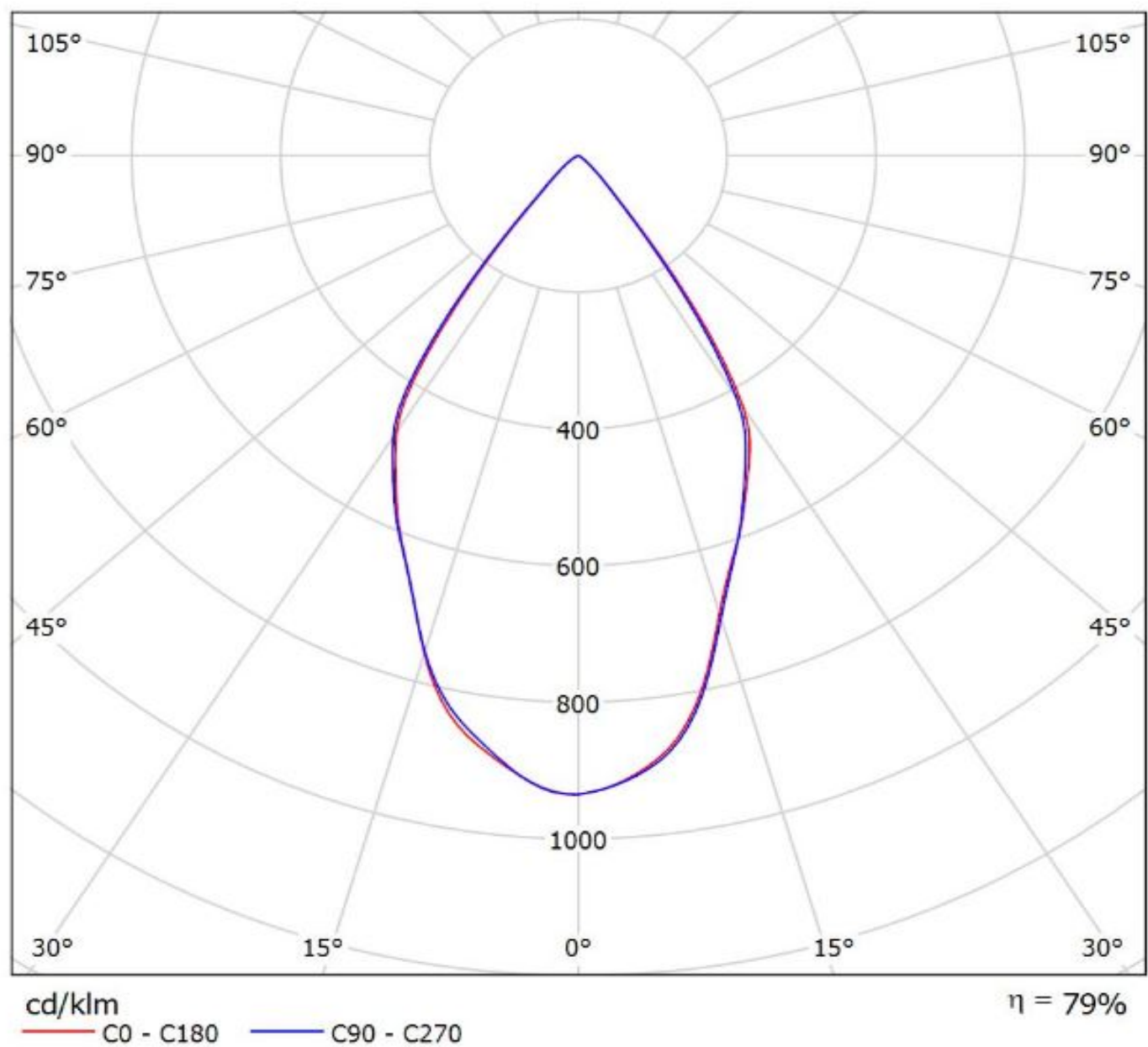
cd/klm

— C0 - C180

— C90 - C270

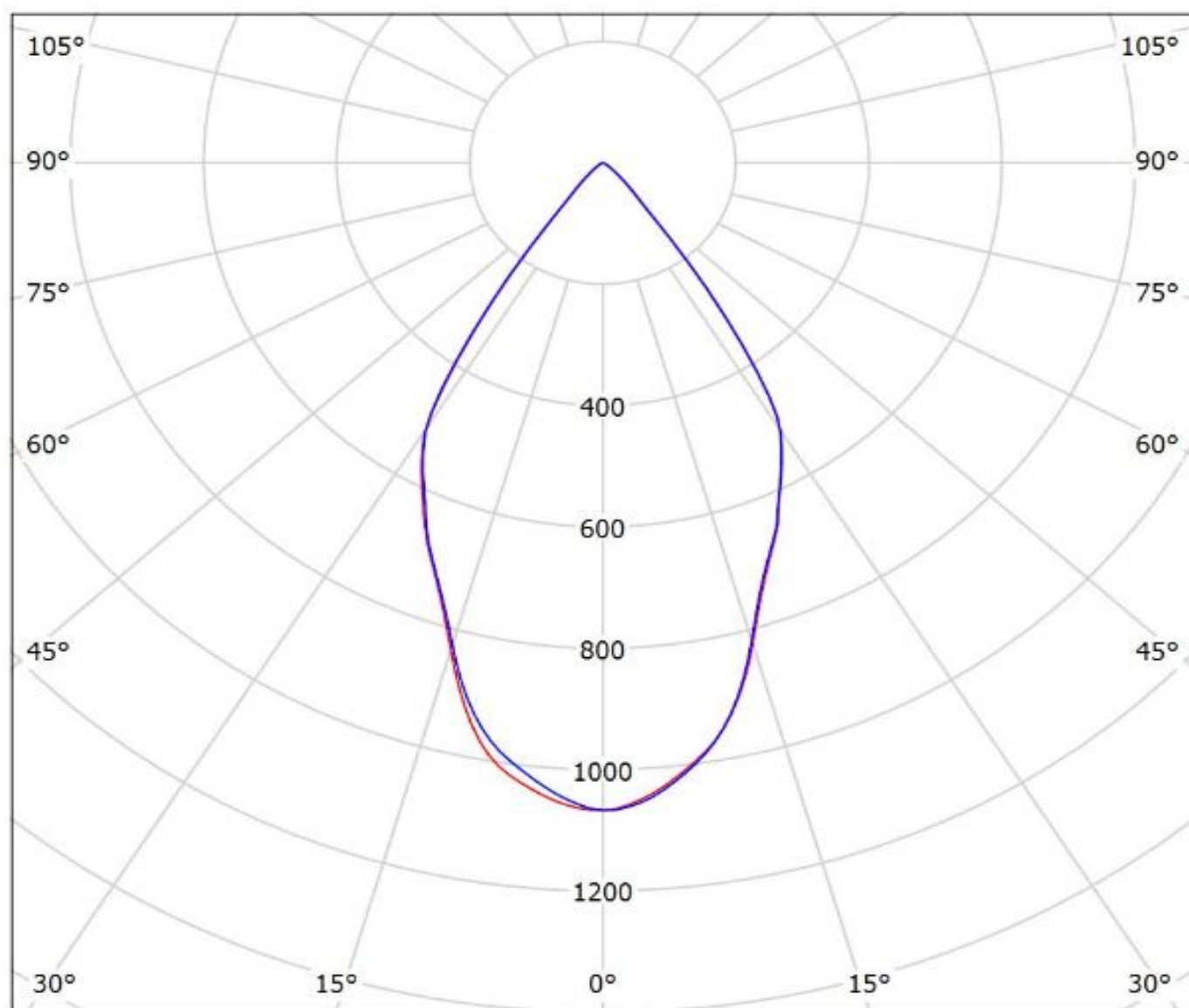
$\eta = 89\%$

1\_1062.11lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A



Luminaire: Ledil F14534\_ANGELETTE-WW\_(CLU038+TE)

Lamps: 1 x Citizen\_CLU038\_(-1205C4-273MZK1)\_+2213254-2\_+2213194-  
1\_1351.18lm@250mA\_P=8.4078W\_I=0.25A



cd/klm

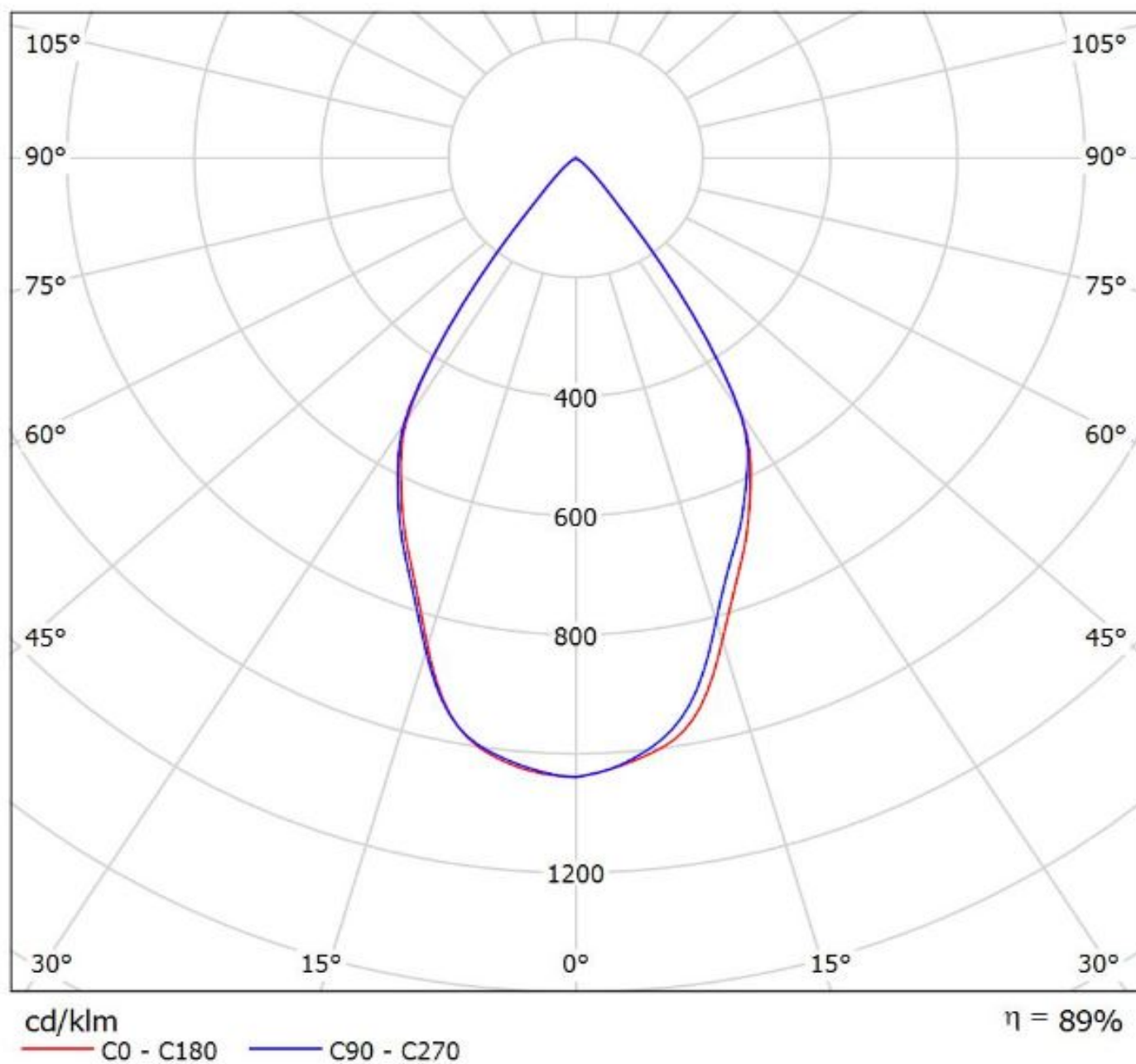
— C0 - C180

— C90 - C270

$\eta = 89\%$

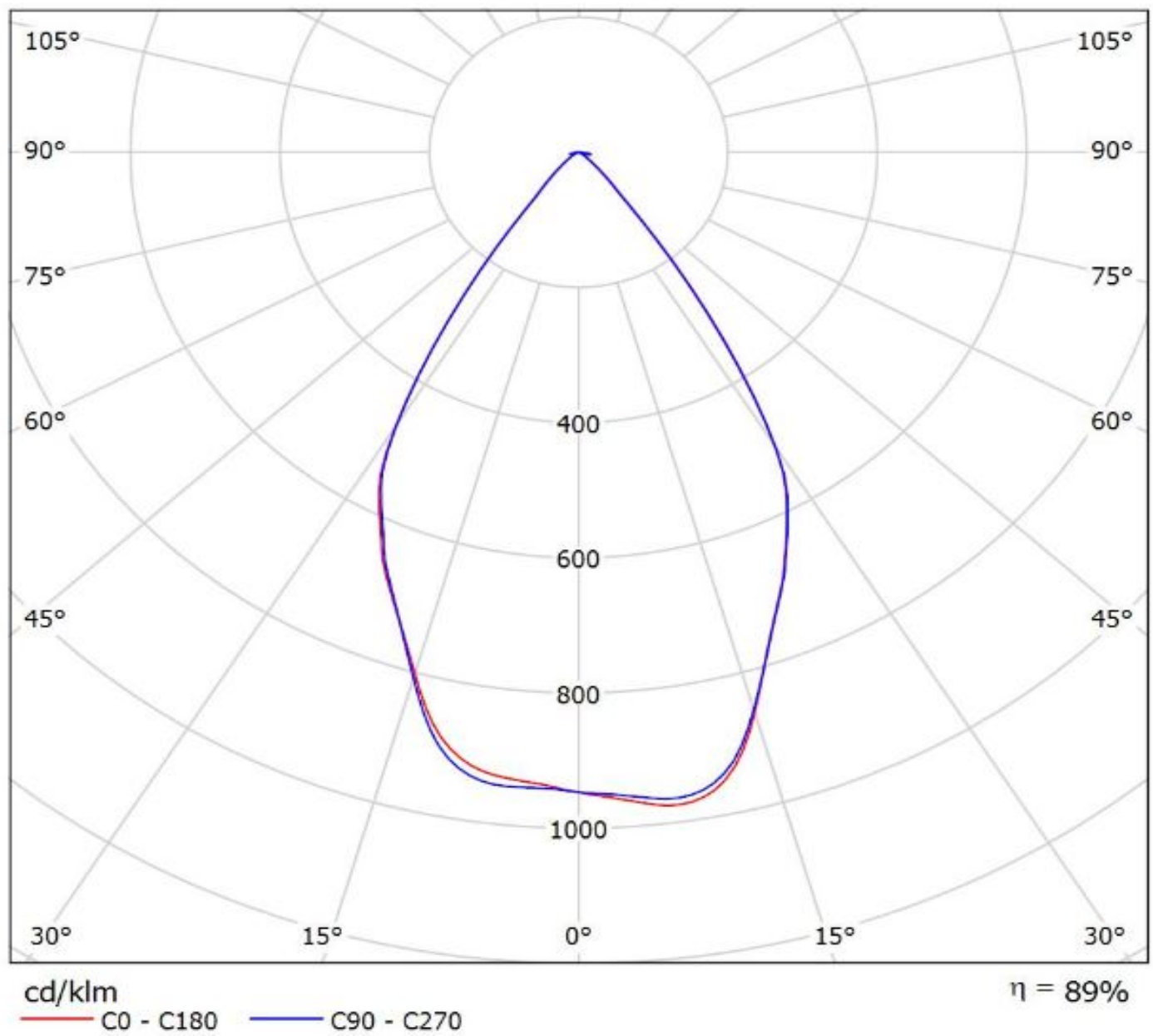
Luminaire: Ledil F14534\_ANGELETTE-WW\_(PREVALED\_Core\_Z4)

Lamps: 1 x PREVALED\_Core\_Z4\_LES19\_1470.62lm@250mA\_P=10.828W\_I=0.25A

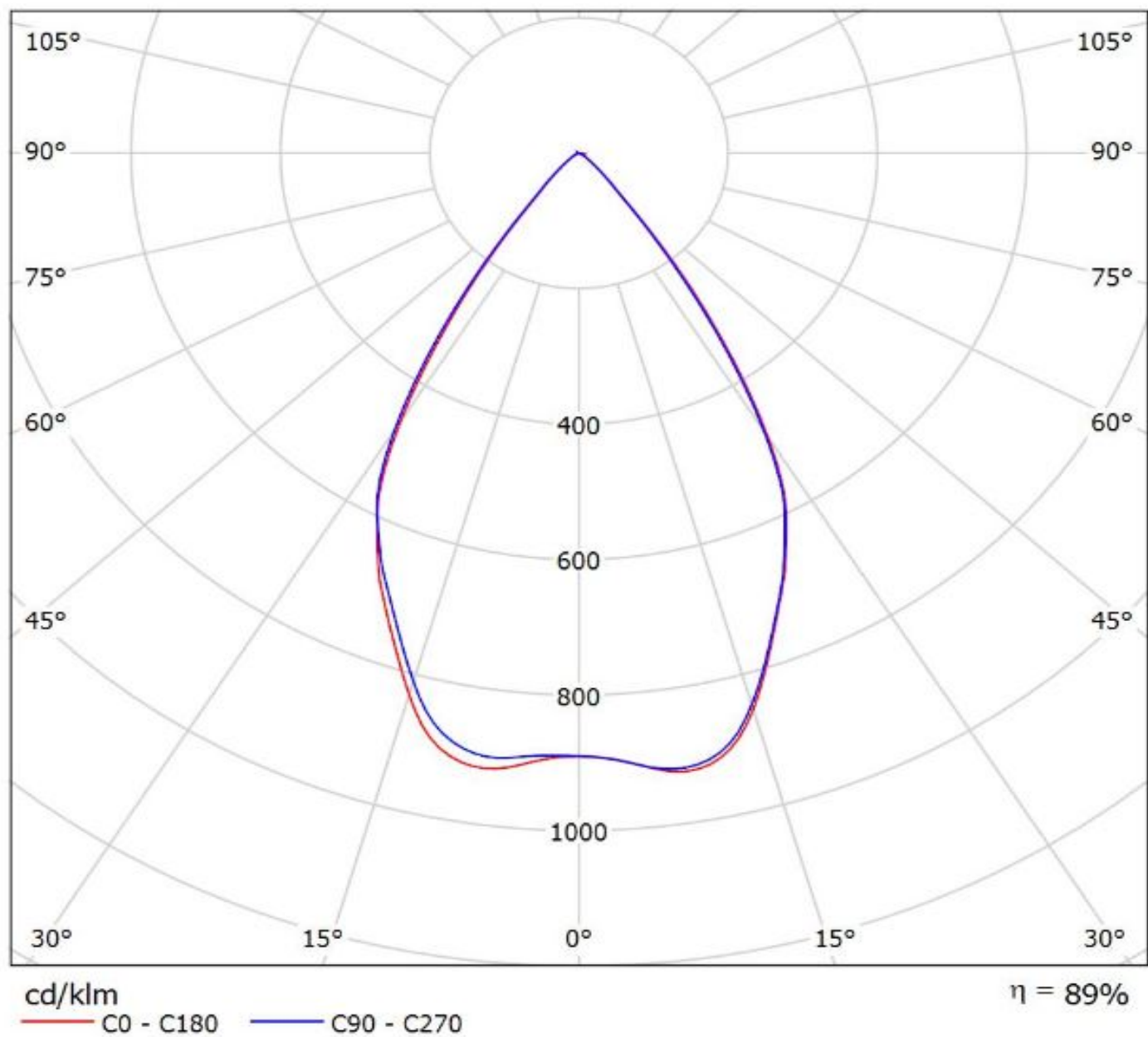




Luminaire: Ledil F14534\_ANGELETTE-WWW\_(CoB1211+IDEAL)  
Lamps: 1 x Luxeon\_CoB1211\_(L2C2-4080)\_50-2204CT+50-  
2100AN\_1376.18lm@250mA\_P=7.9988W\_I=0.25A



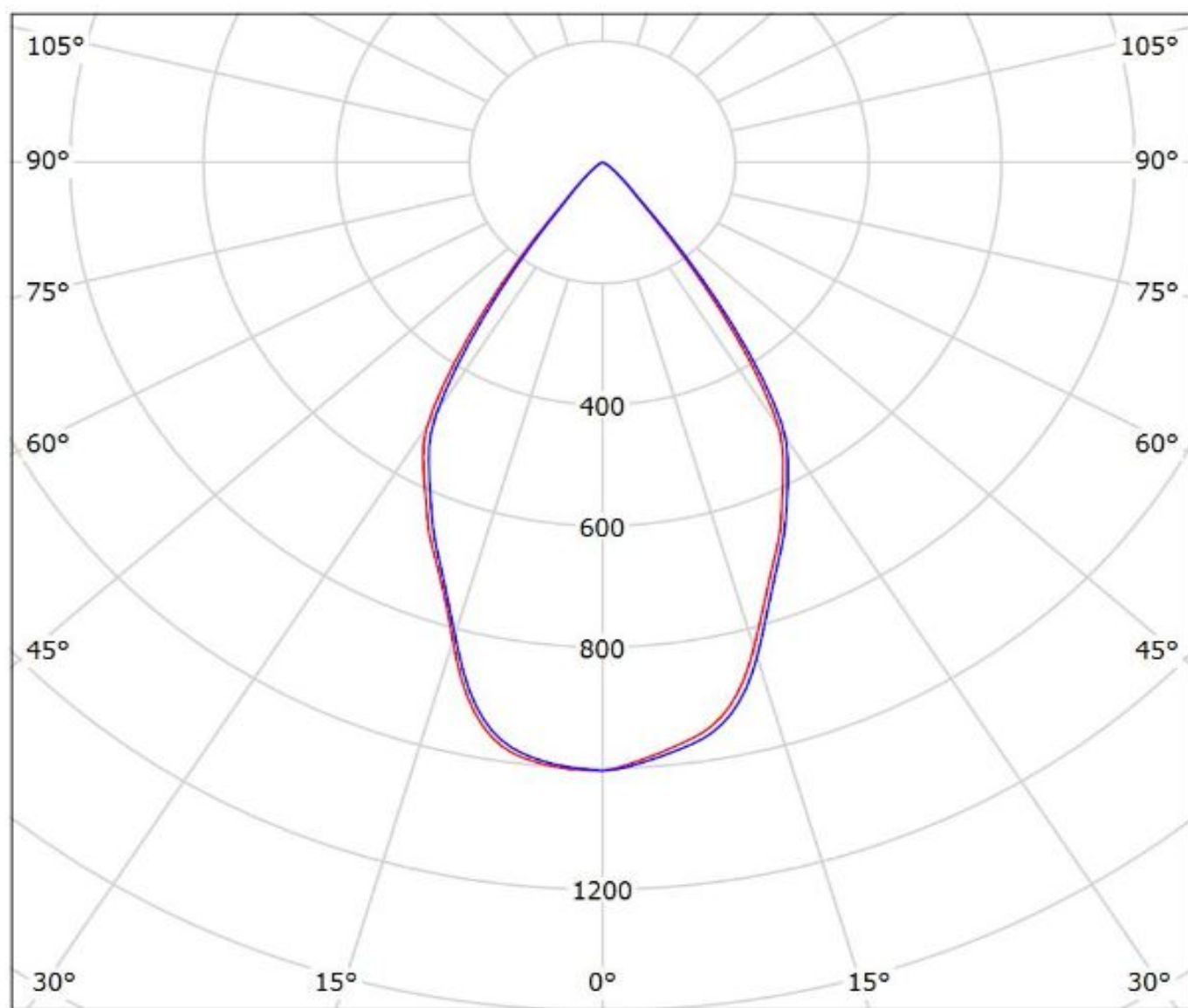
Luminaire: Ledil F14534\_ANGELETTE-WW\_(V22+IDEAL)  
Lamps: 1 x Bridgelux\_V22\_(BXRE30E6500H-Y2)\_+50-2204CT\_+\_50-2100AN\_1193.54lm@250mA\_CCT=3000K\_P=8.0988W\_I=0.25A





Luminaire: Ledil F14534\_ANGELETTE-WW\_(S19+TE)

Lamps: 1 x Osram\_Solericq\_S19\_(GW\_KAHJB1.EM)\_+2213407-2+2213194-  
1\_1546.1lm@250mA\_CCT=3000K\_P=11.021W\_I=0.25A



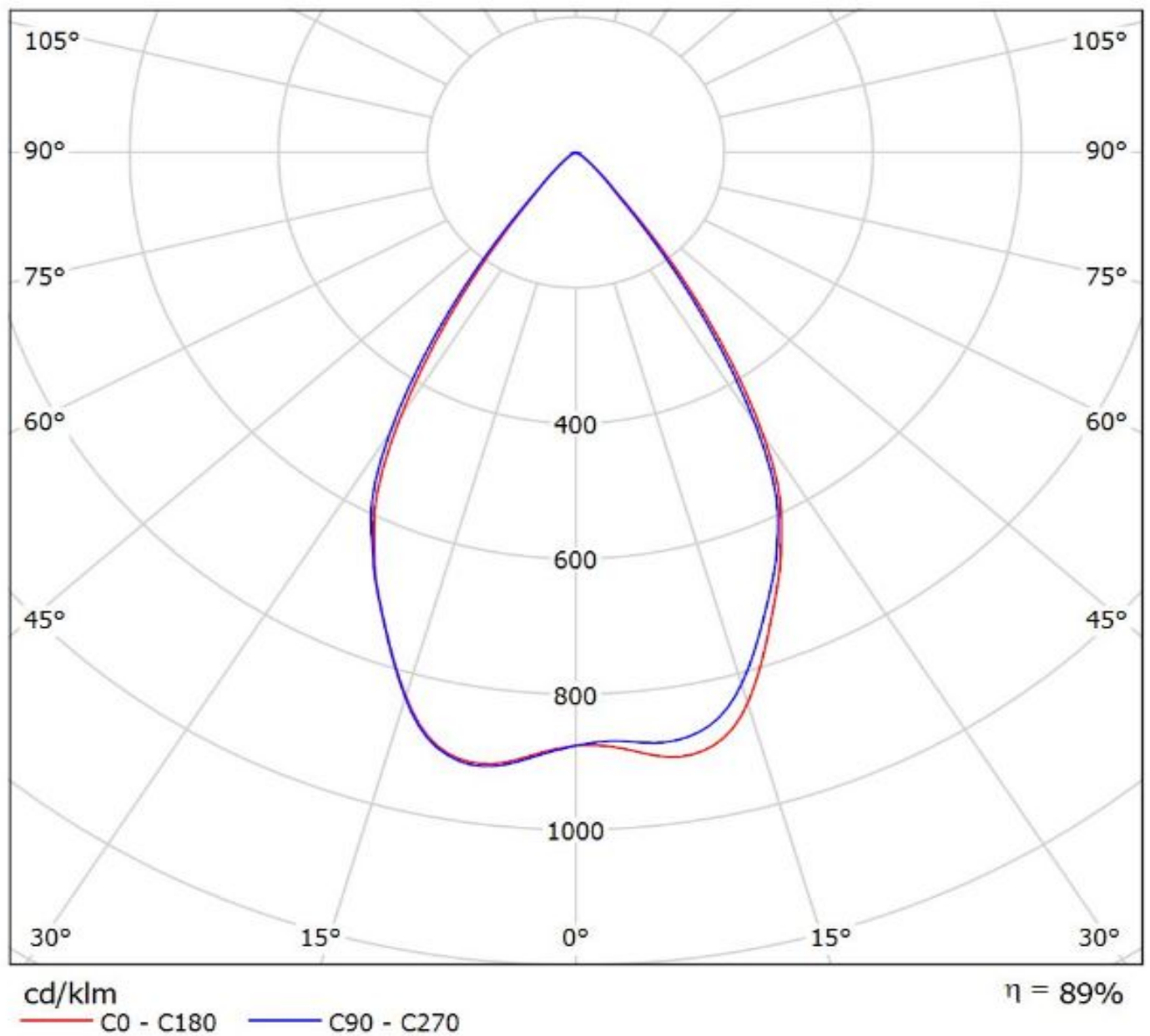
cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14534\_ANGELETTE-WW\_(CoB1216\_IDEAL)  
Lamps: 1 x Luxeon\_CoB1216\_(L2C2-40801216E2300)\_+50-2204C\_+\_50-  
2100AN\_1447.57lm@250mA\_CCT=4000K\_P=8.0135W\_I=0.25A



**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.**

#### **GENERAL INFORMATION**

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.