

## DETAILS

<b>Product Number</b>	F14620_ANGELETTE-M-PLAIN
<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>	
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	24/02/2016

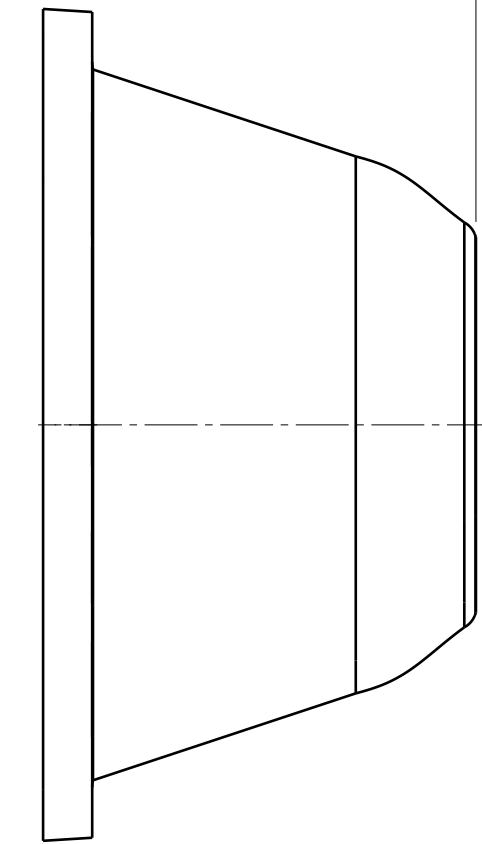


## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LUXEON CoB 1208	45 deg	Medium	88 %	1.300	IDEAL: 50-2100SH + 50-2100AN
LUXEON CoB 1208	45 deg	Medium	88 %	1.300	IDEAL: 50-2100SH + 50-2100AN
LC040C	45 deg	Medium	88 %	1.300	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
CLL03x/CLU03x	45 deg	Medium	88 %	1.300	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
Soleriq S13 Gen2	45 deg	Medium	87 %	1.300	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
WU-M-484	45 deg	Medium	87 %	1.300	TE: OPTIC CLIP Z50 TYPE1: 2213194-1
CLL03x/CLU03x	45 deg	Medium	87 %	1.300	IDEAL: 50-2103CT + 50-2100AN
PrevaLED Core Z4 LES19	46 deg	Medium	88 %	1.300	TE: OPTIC CLIP Z50 TYPE1: 2213194-1
Soleriq S19	46 deg	Medium	88 %	1.300	TE: 2213407-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
LUXEON CoB 1211	47 deg	Medium	88 %	1.200	IDEAL: 50-2204-CT + 50-2100AN
LUXEON CoB 1216	48 deg	Medium	88 %	1.200	IDEAL: 50-2204-CT + 50-2100AN
V22	49 deg	Medium	88 %	1.200	IDEAL: 50-2204-CT + 50-2100AN
CLL04x/CLU04x	49 deg	Medium	88 %	1.200	IDEAL: 50-2204-CT + 50-2100AN

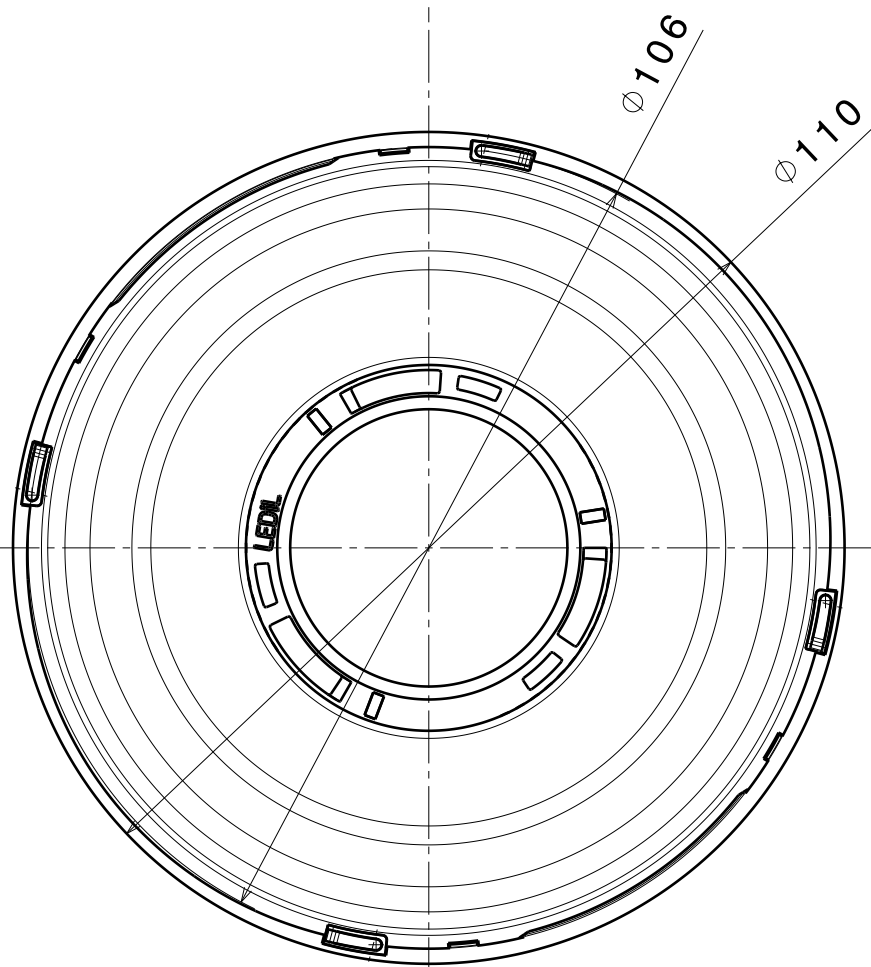
NOTE: Customer may add additional light modifying parts to Angelette family(excluding the plain versions):  
Minumum height of additional part is 1.5mm and maximum is 2.2mm. Diameter is 105.9mm±0.3

57.26 + Basepart

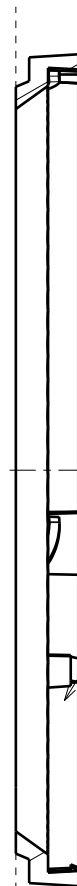


6.5

Front view

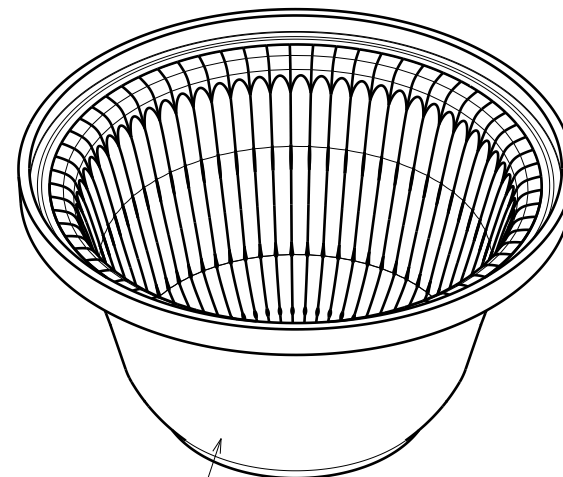
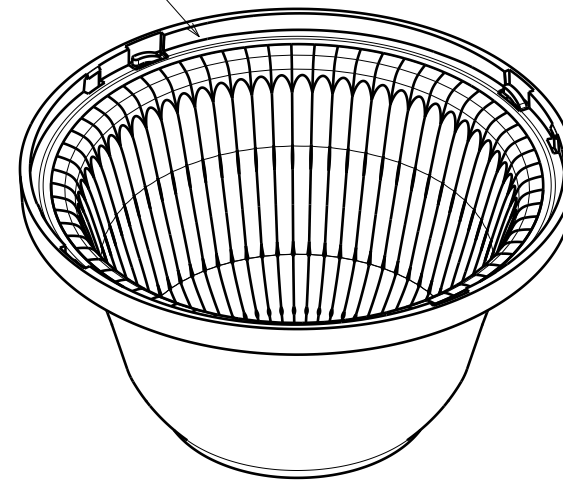


Top view



Section view A-A

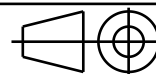
ANGELETTE-M



ANGELETTE-M-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

THIRD ANGLE PROJECTION:



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LEDiL

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWING TITLE

Datasheet\_ANGELETTE-M

SIZE

A3

PART NUMBER

ANGELETTE-M

ANGELETTE-M-PLAIN

SCALE

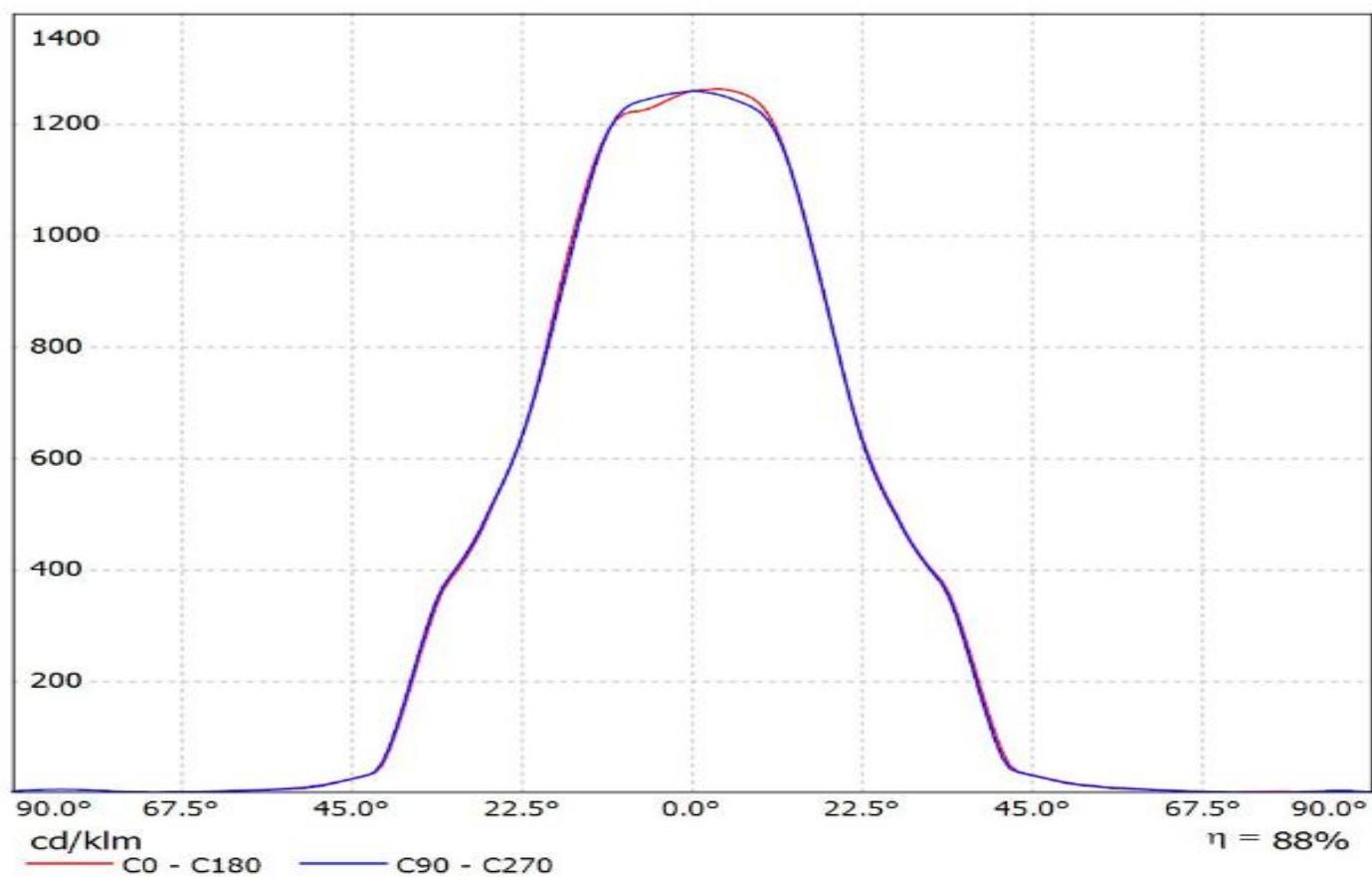
1:1

WEIGHT

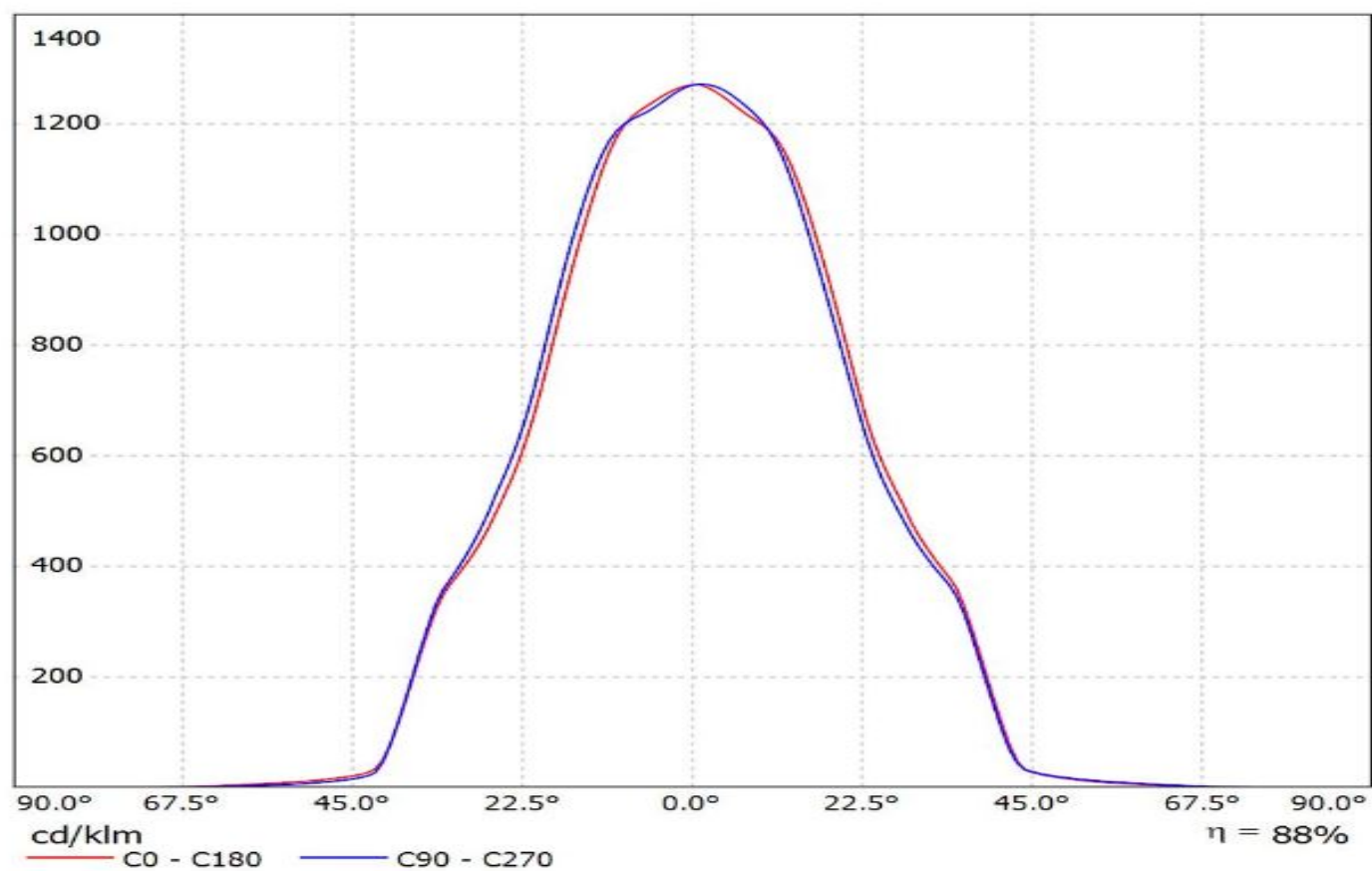
SHEET

1/1

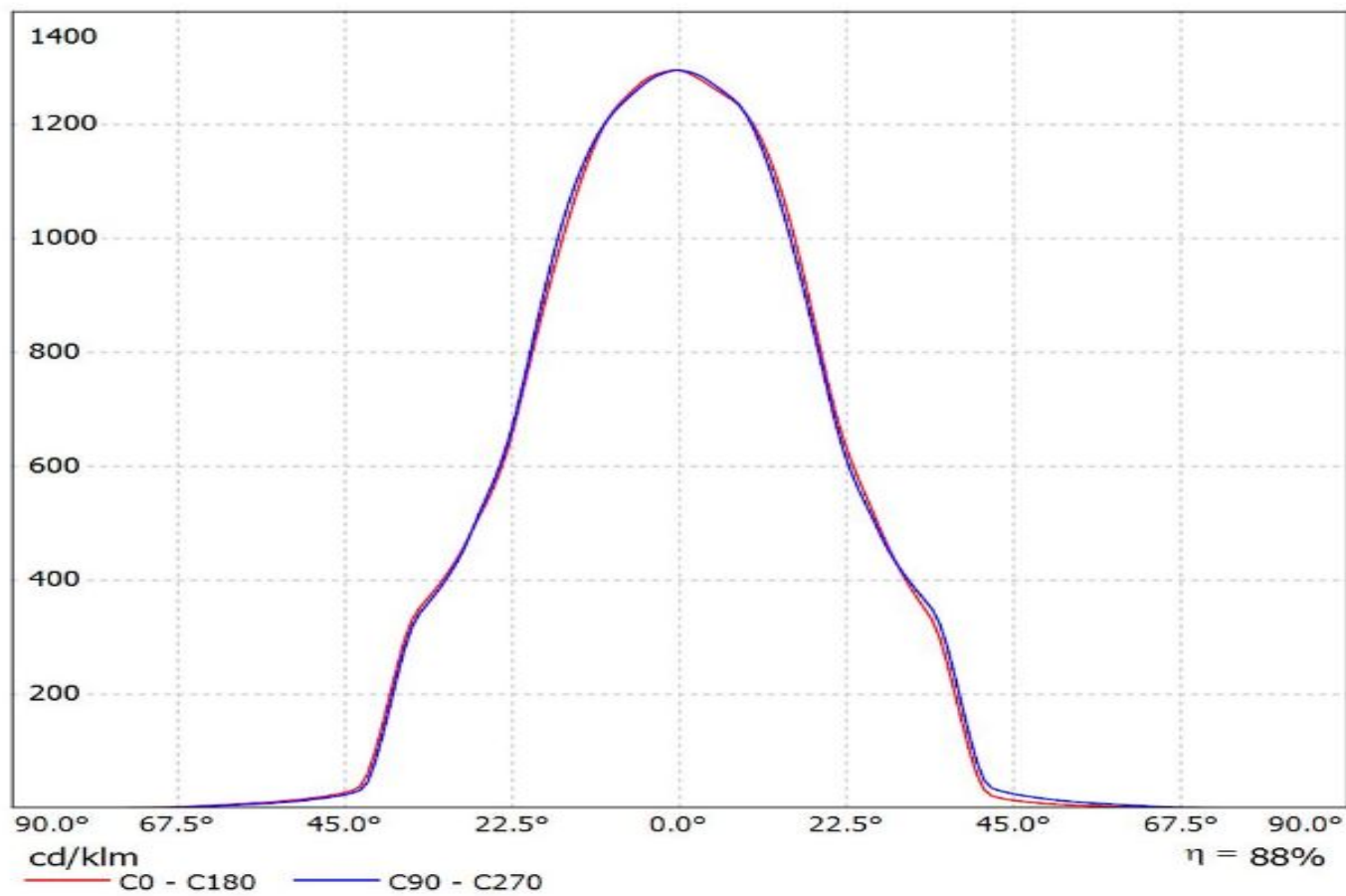
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1208+IDEAL)  
Lamps: 1 x Luxeon\_CoB1208+\_50-2100SH+50-  
2100AN\_1062.11lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A



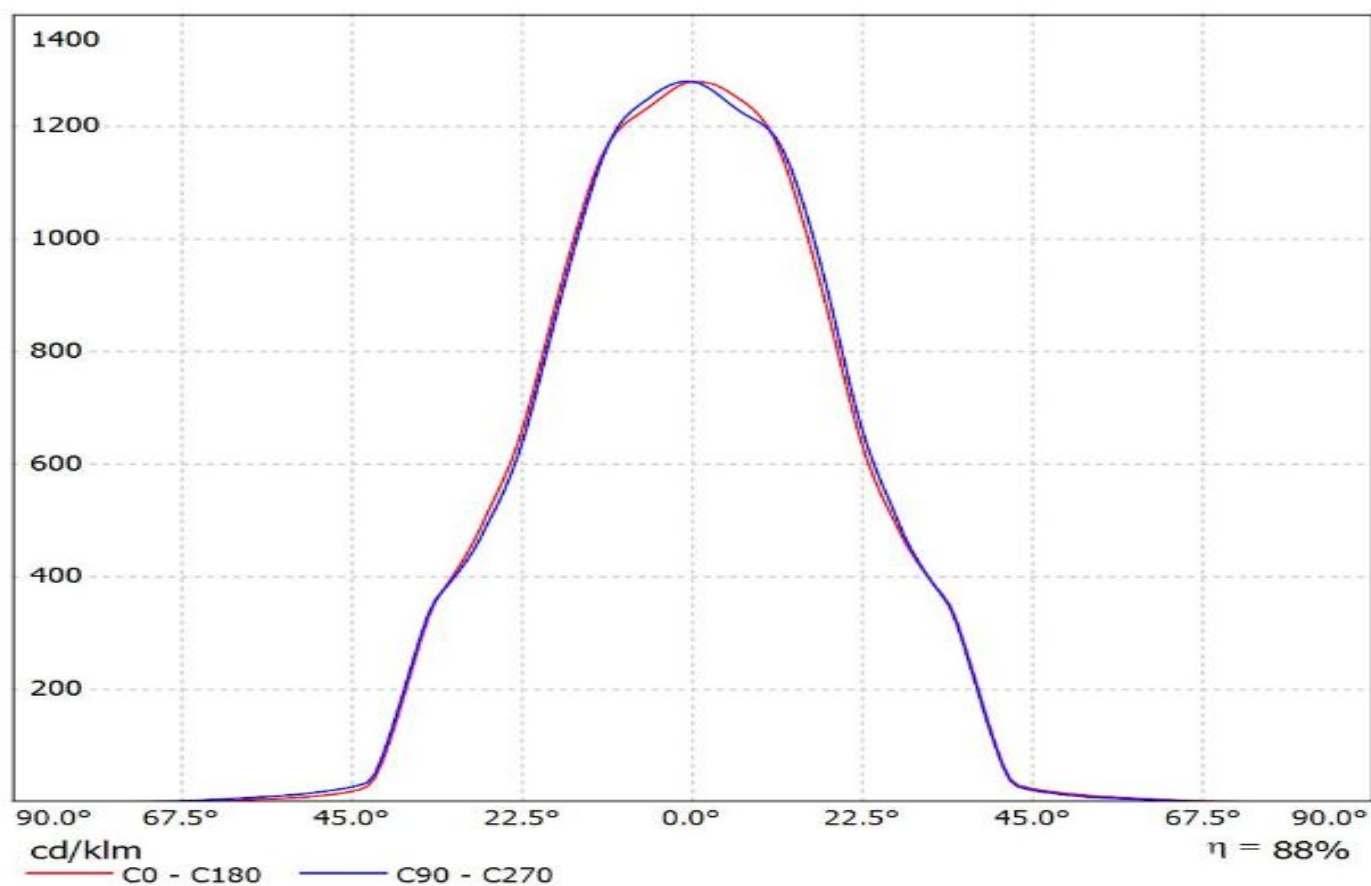
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1208+TE)  
Lamps: 1 x Luxeon\_CoB1208\_+ 2213130-2\_+ 2213194-  
1\_1055.15lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A



Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(LC040C+TE)  
Lamps: 1 x Samsung\_LC040C+\_2213382-2+\_2213194-1\_1194.16lm@250mA\_CCT=4000K\_P=8.137W

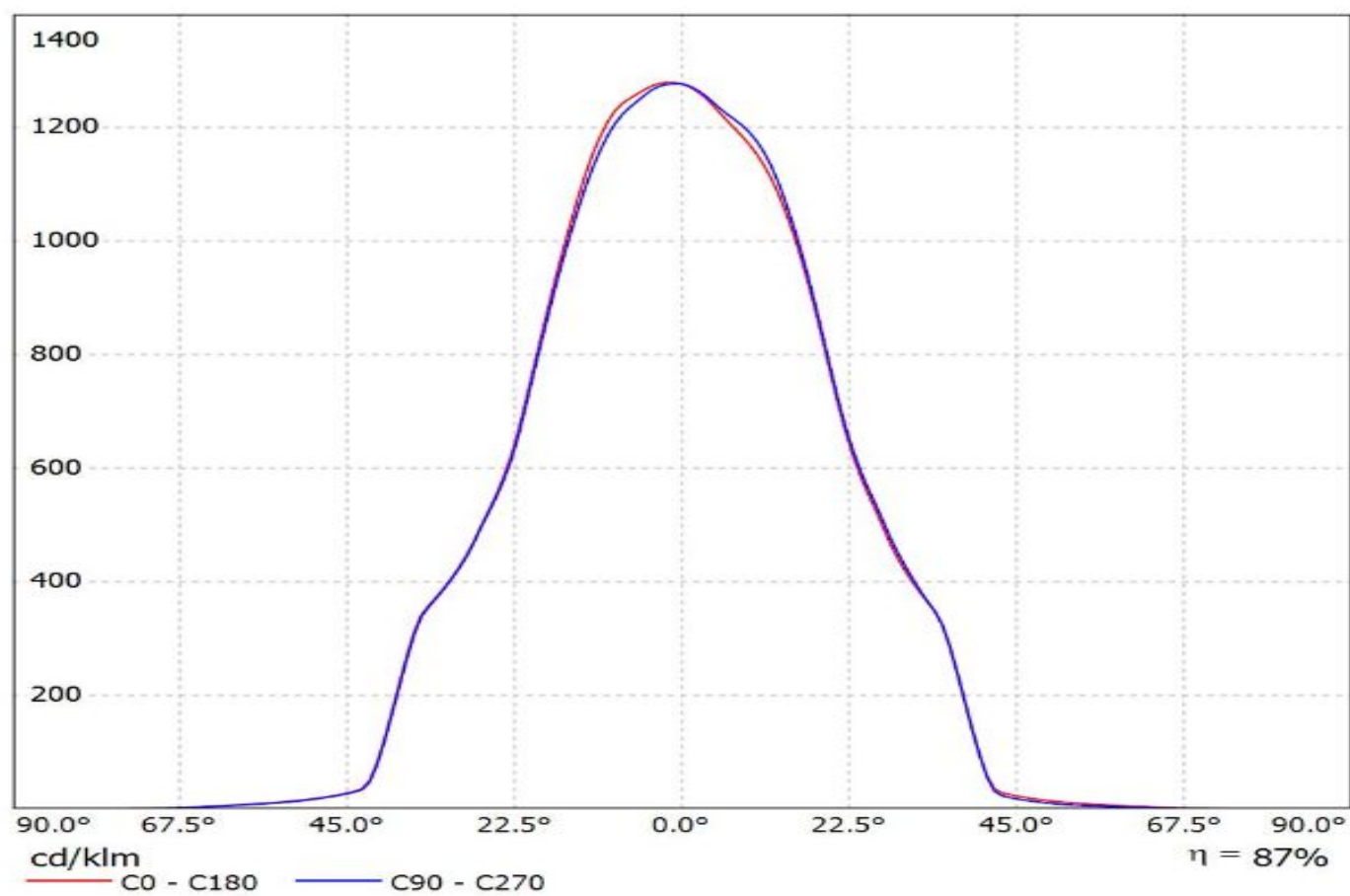


Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CLU038+TE)  
Lamps: 1 x Citizen\_CLU038\_(-1205C4-273MZX1)\_+2213254-2\_+2213194-  
1\_1351.18lm@250mA\_P=8.4078W\_I=0.25A



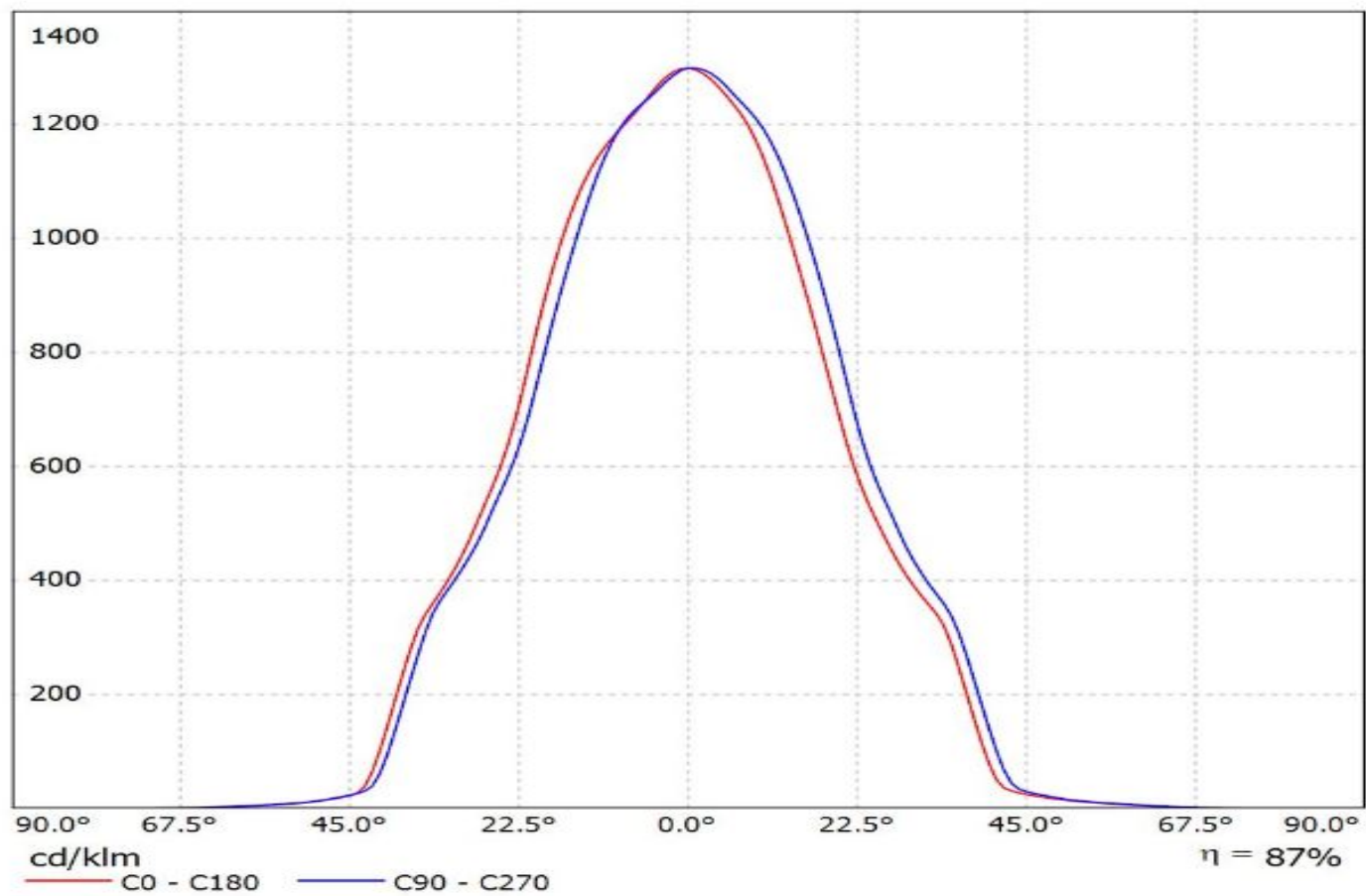
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(S13\_Gen2+TE)

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



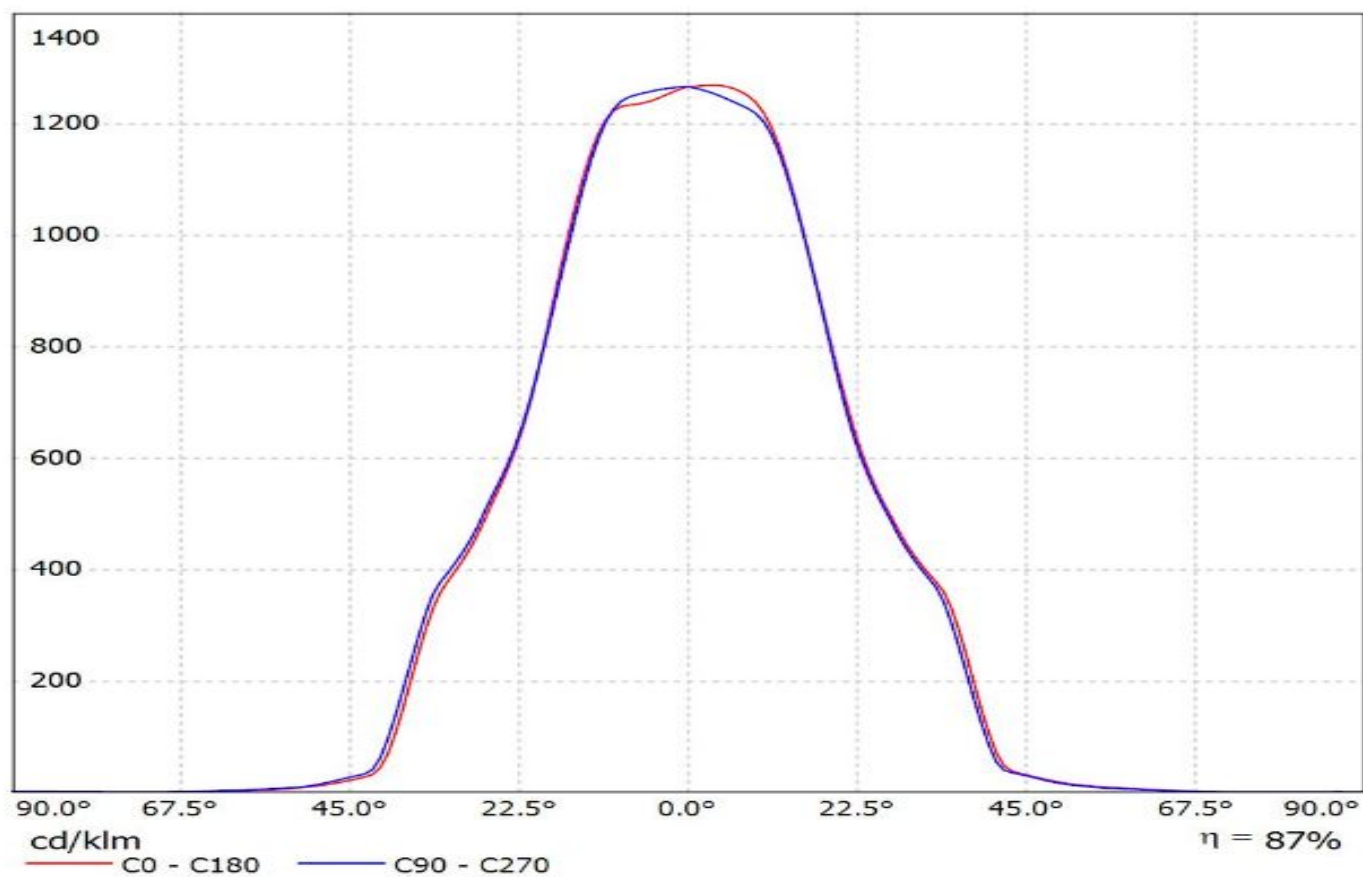


Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(WU-M-484+TE)  
Lamps: 1 x Vossloh\_Schwabe\_WU-M-484-830\_681.21lm@250mA\_P=5.6195W\_I=0.25A

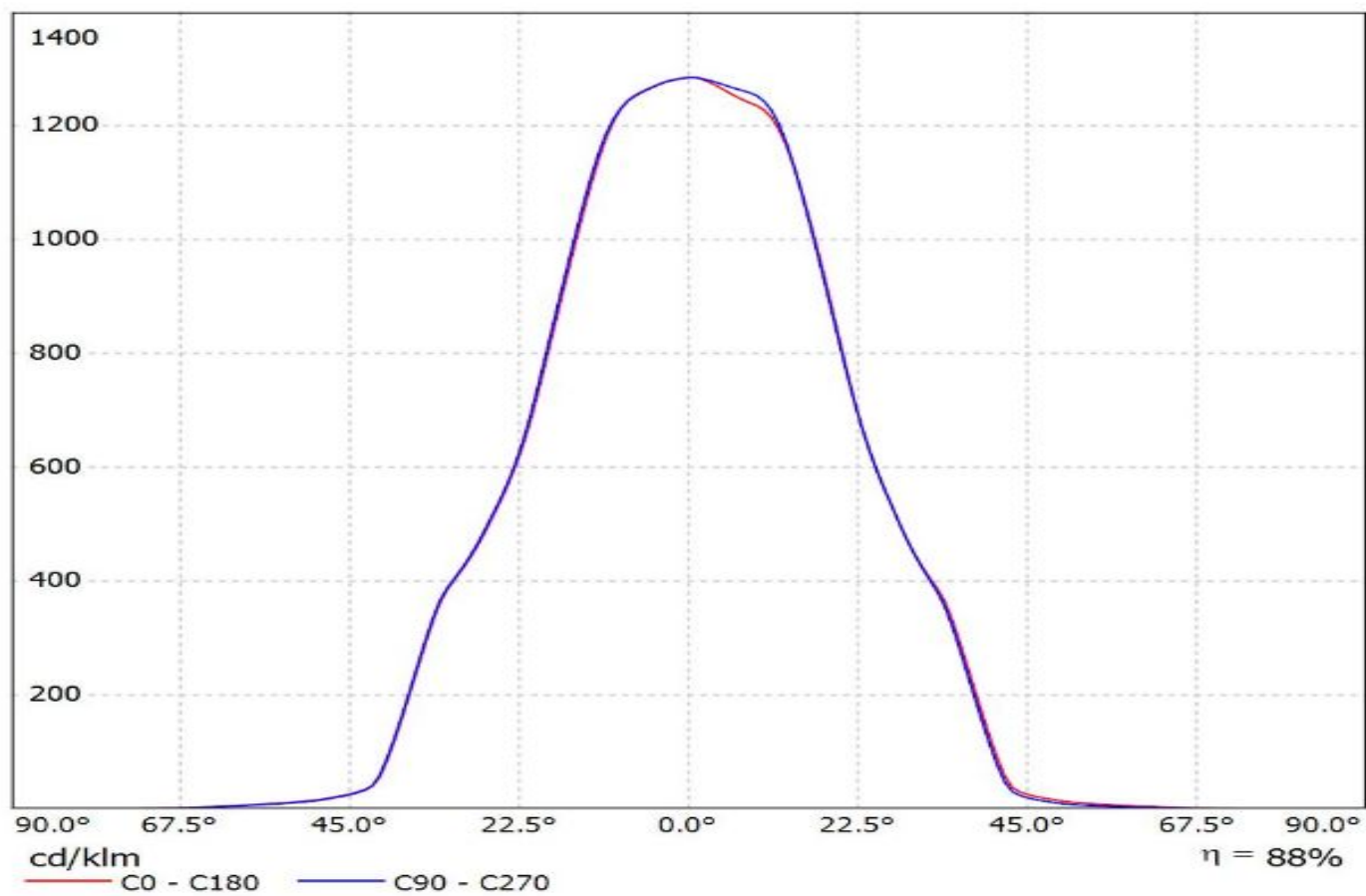




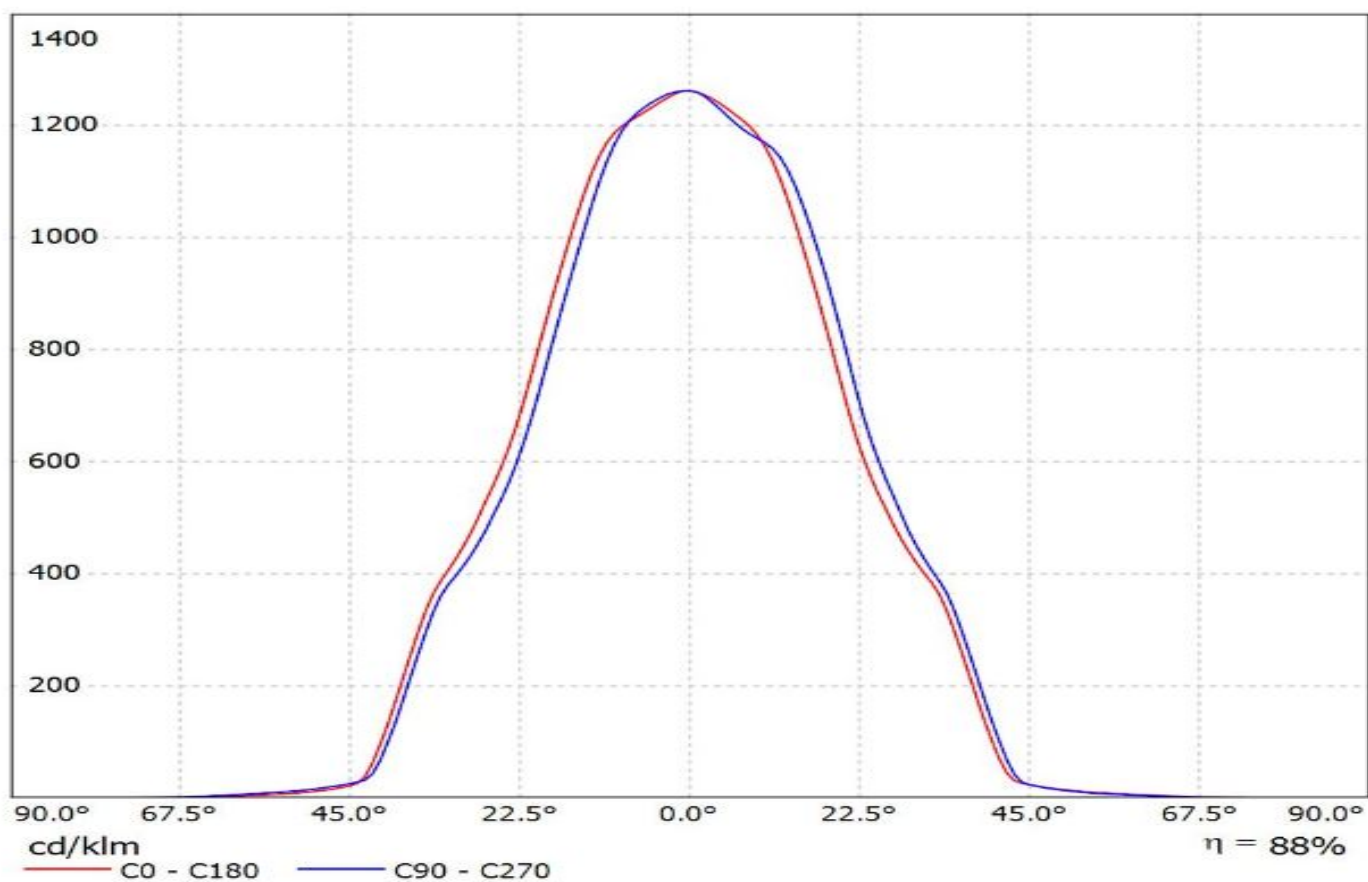
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CLU036+IDEAL)  
Lamps: 1 x CITIZEN\_CLU036\_(-1208C1-303M2G2)\_IDEAL\_50-2103CT+50-2100AN\_1299.86lm@250mA\_CCT=3000K\_P=8.249W\_I=0.25A



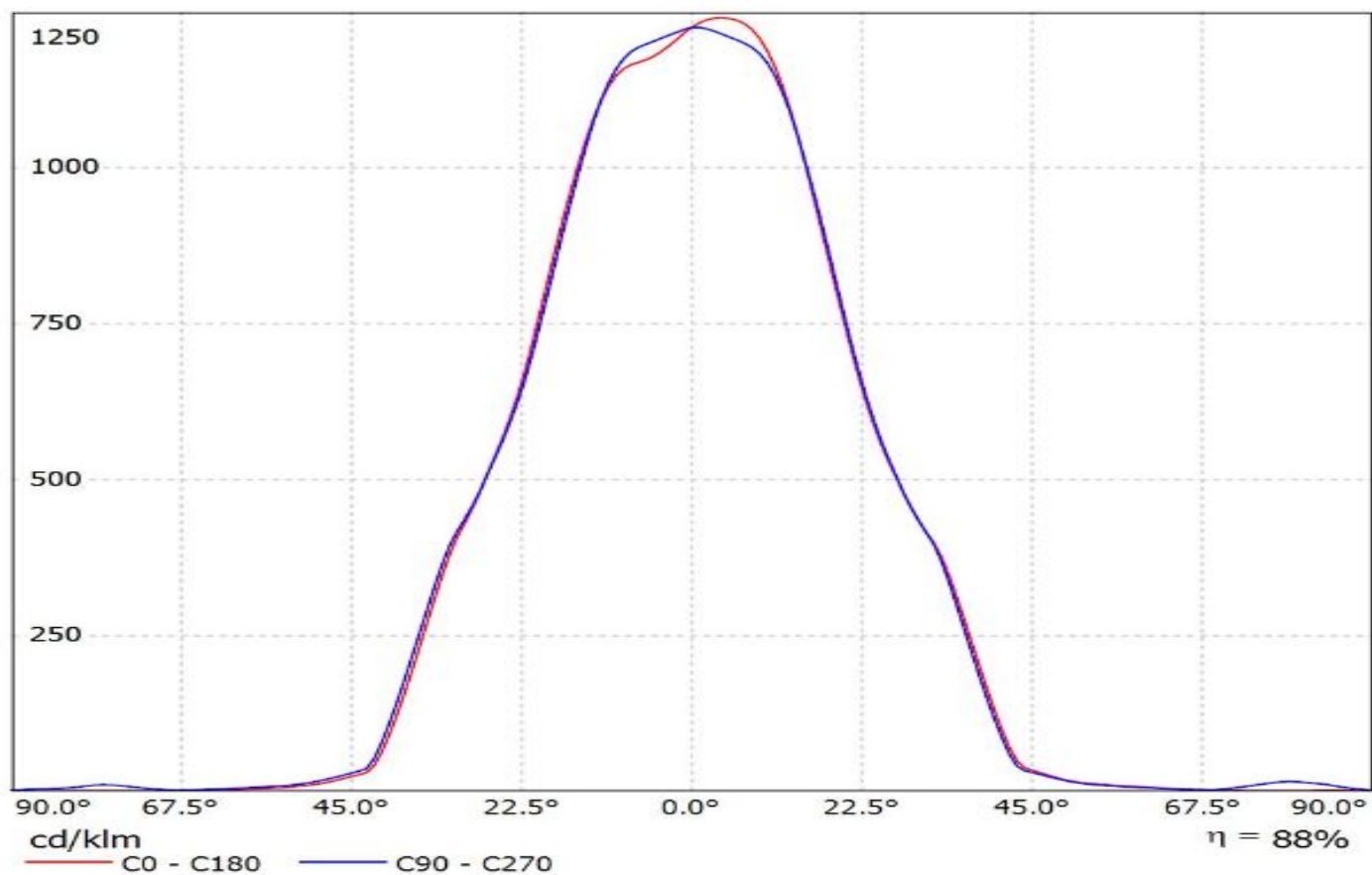
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(PREVALED\_Core\_Z4)  
Lamps: 1 x PREVALED\_Core\_Z4\_LES19\_1470.62lm@250mA\_P=10.828W\_I=0.25A



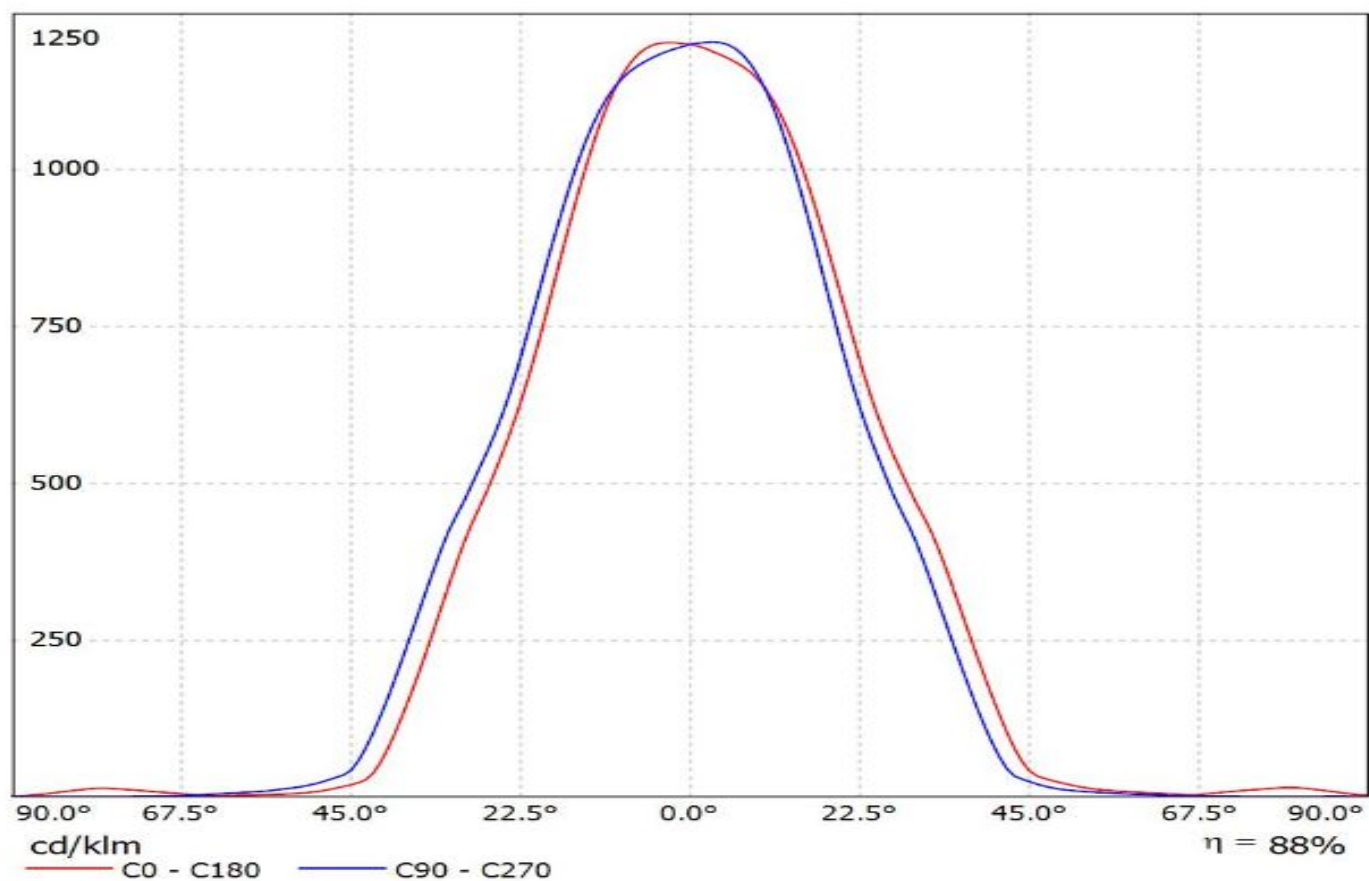
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(S19+TE)  
Lamps: 1 x Osram\_Soleroq\_S19\_(GW\_KAHJB1.EM) +2213407-2+2213194-  
1\_1546.1lm@250mA\_CCT=3000K\_P=11.021W\_I=0.25A



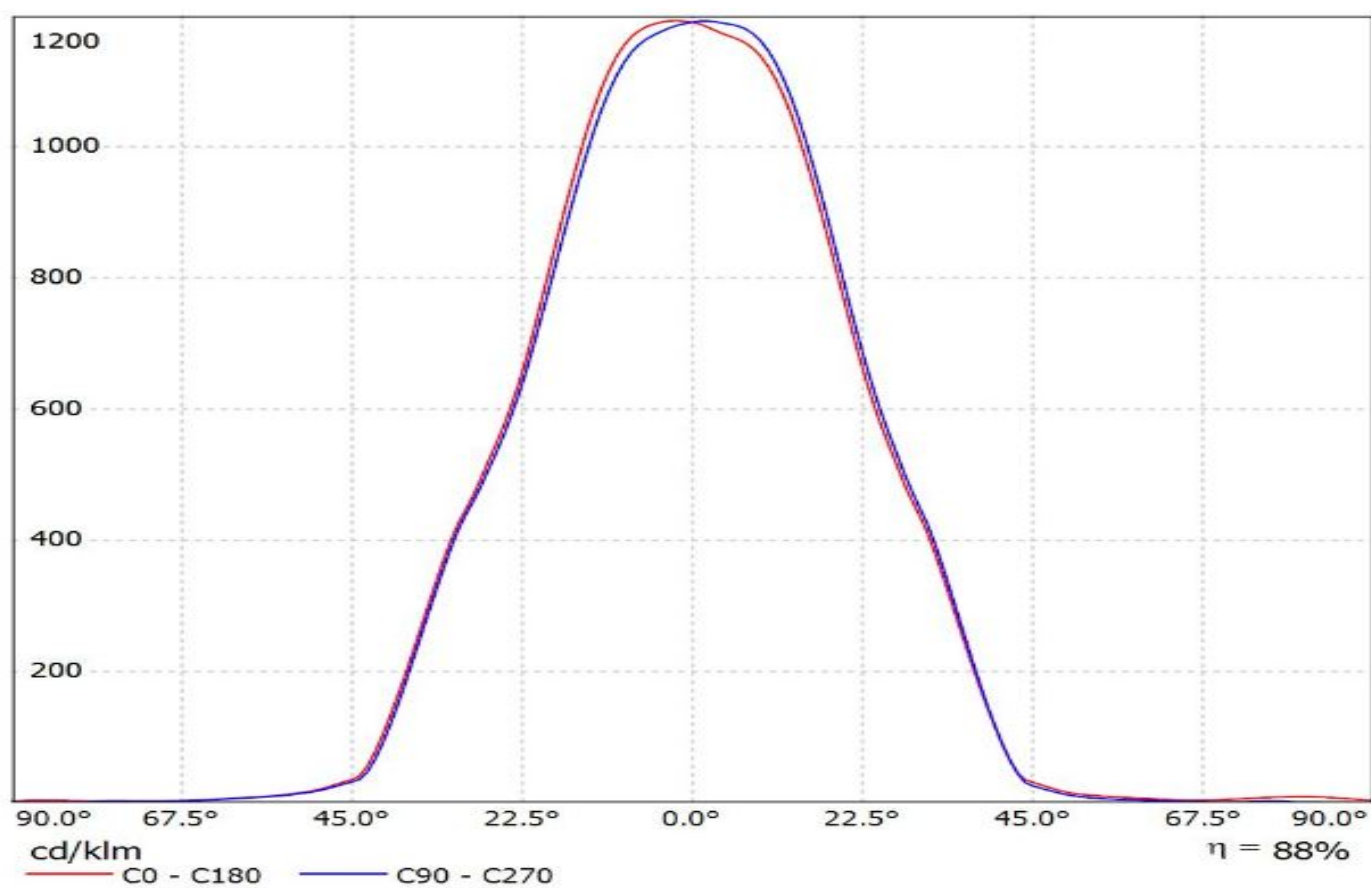
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1211+IDEAL)  
Lamps: 1 x Luxeon\_CoB1211\_(L2C2-4080)\_50-2204CT+50-2100AN\_1376.18lm@250mA\_P=7.9988W\_I=0.25A



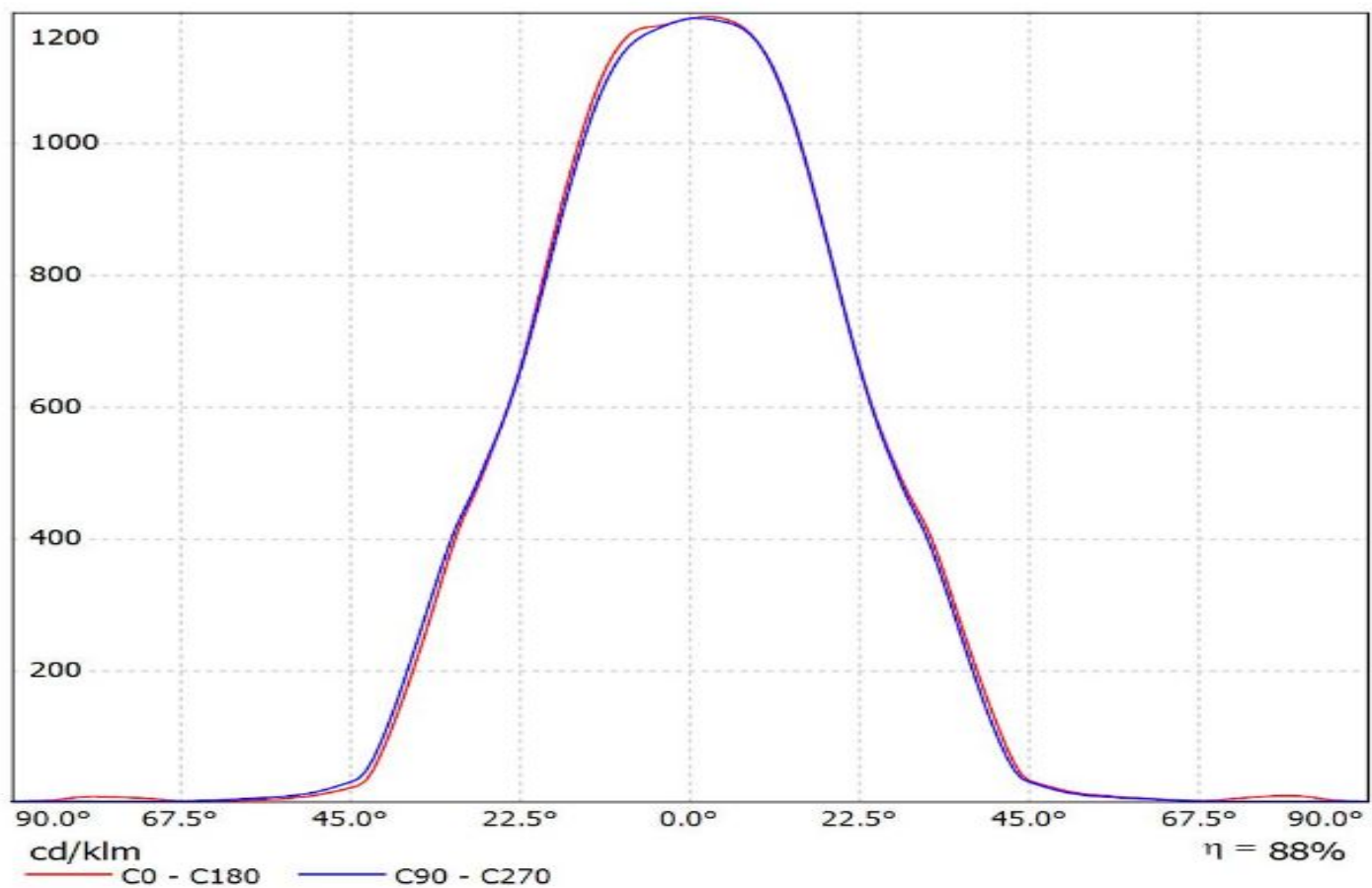
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1216\_IDEAL)  
Lamps: 1 x Luxeon\_CoB1216\_(L2C2-40801216E2300)\_+50-2204C\_+\_50-  
2100AN\_1447.57lm@250mA\_CCT=4000K\_P=8.0135W\_I=0.25A



Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(V22+IDEAL)  
Lamps: 1 x Bridgelux\_V22\_(BXRE30E6500H-Y2)\_+50-2204CT\_+\_50-2100AN\_1193.54lm@250mA\_CCT=3000K\_P=8.0988W\_I=0.25A

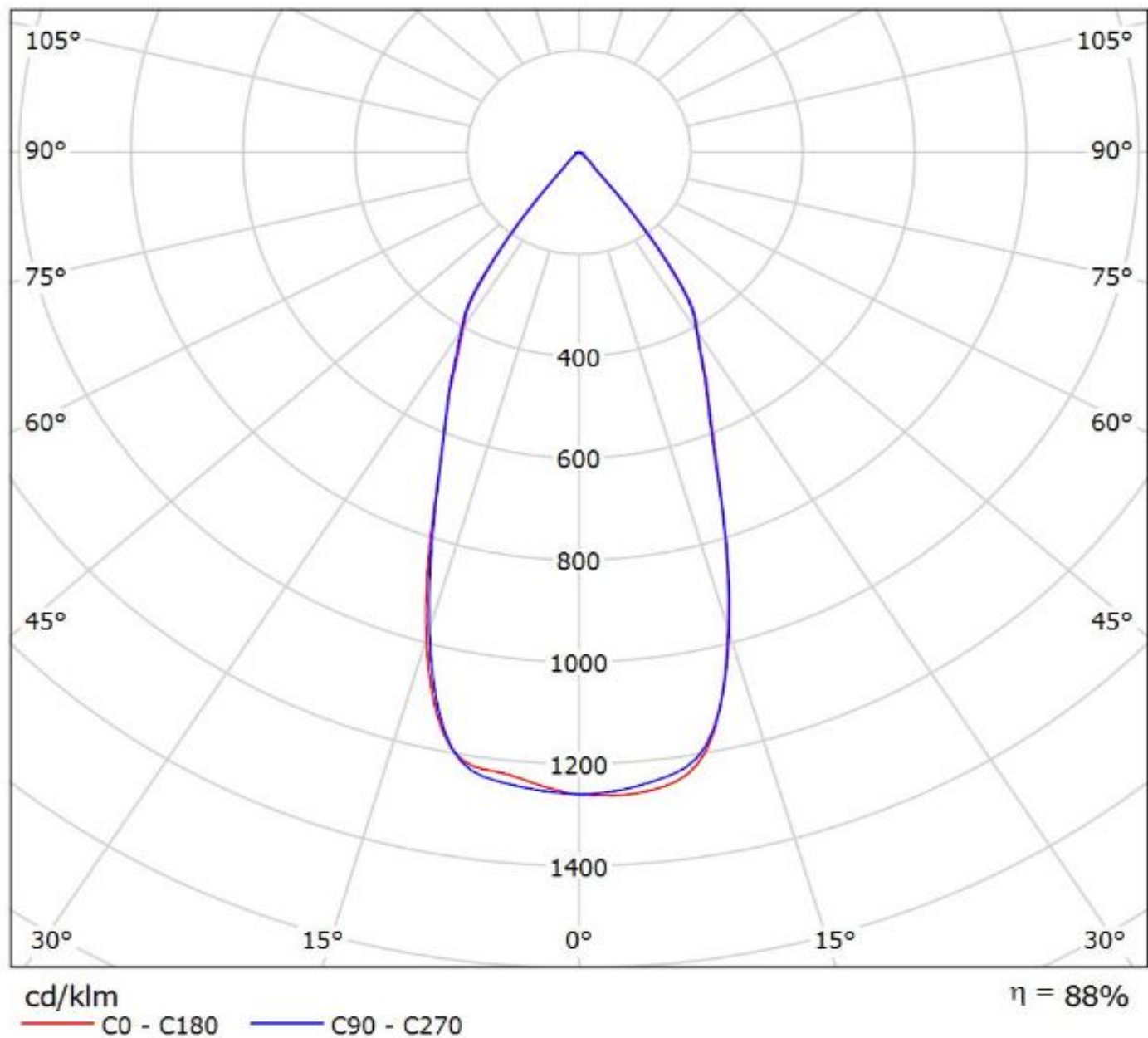


Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CLU046+IDEAL)  
Lamps: 1 x Citizen\_CLU046\_(-1212C1-303M2G2)\_1383.92lm@250mA\_CCT=3000K\_P=8.122W\_I=0.25A



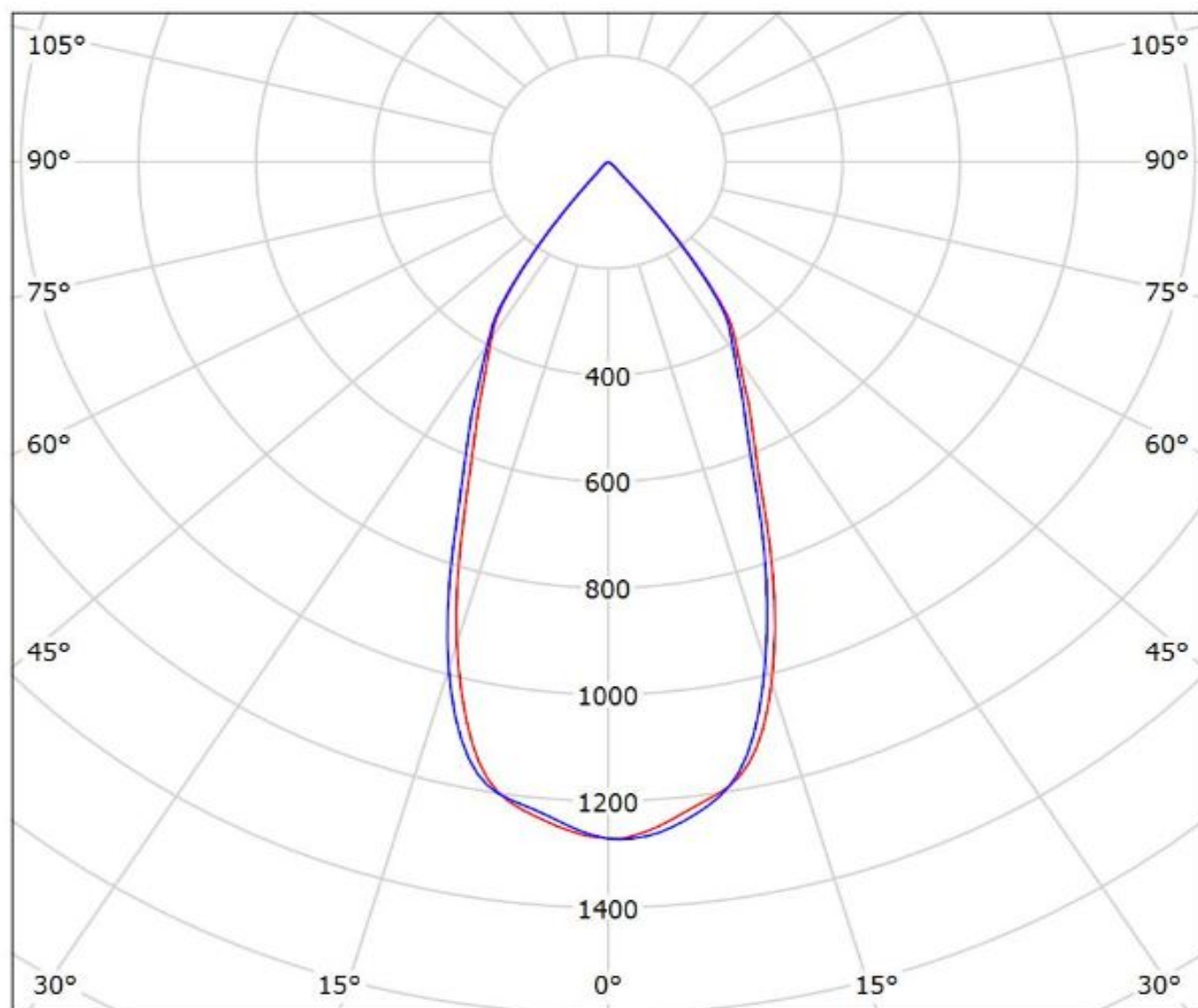


Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1208+IDEAL)  
Lamps: 1 x Luxeon\_CoB1208\_+ 50-2100SH+50-  
2100AN\_1062.11lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A



Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1208+TE)

Lamps: 1 x Luxeon\_CoB1208\_ + 2213130-2\_ + 2213194-  
1\_1055.15lm@250mA\_CCT=3000K\_P=8.3007W\_I=0.25A



cd/klm

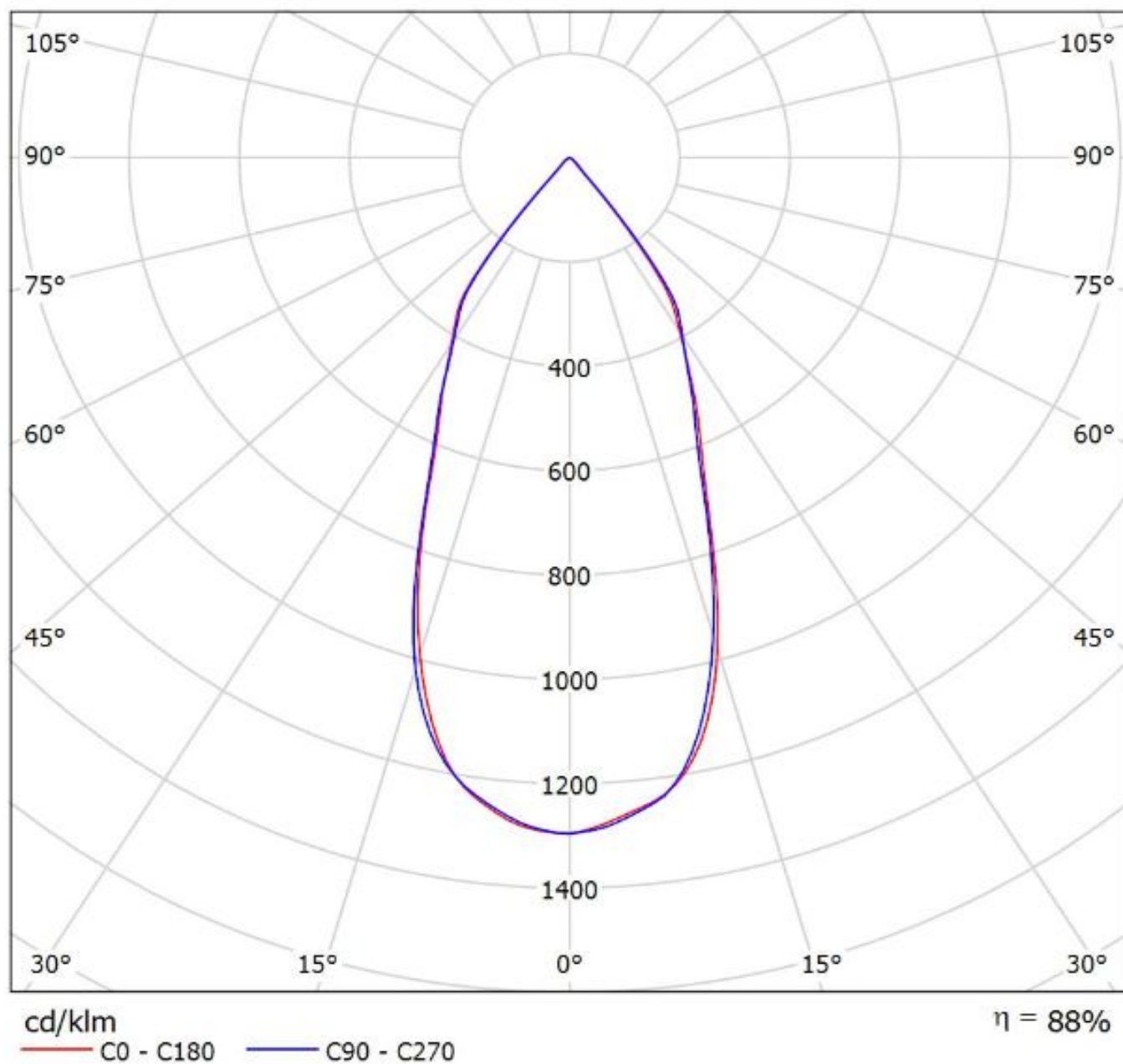
— C0 - C180

— C90 - C270

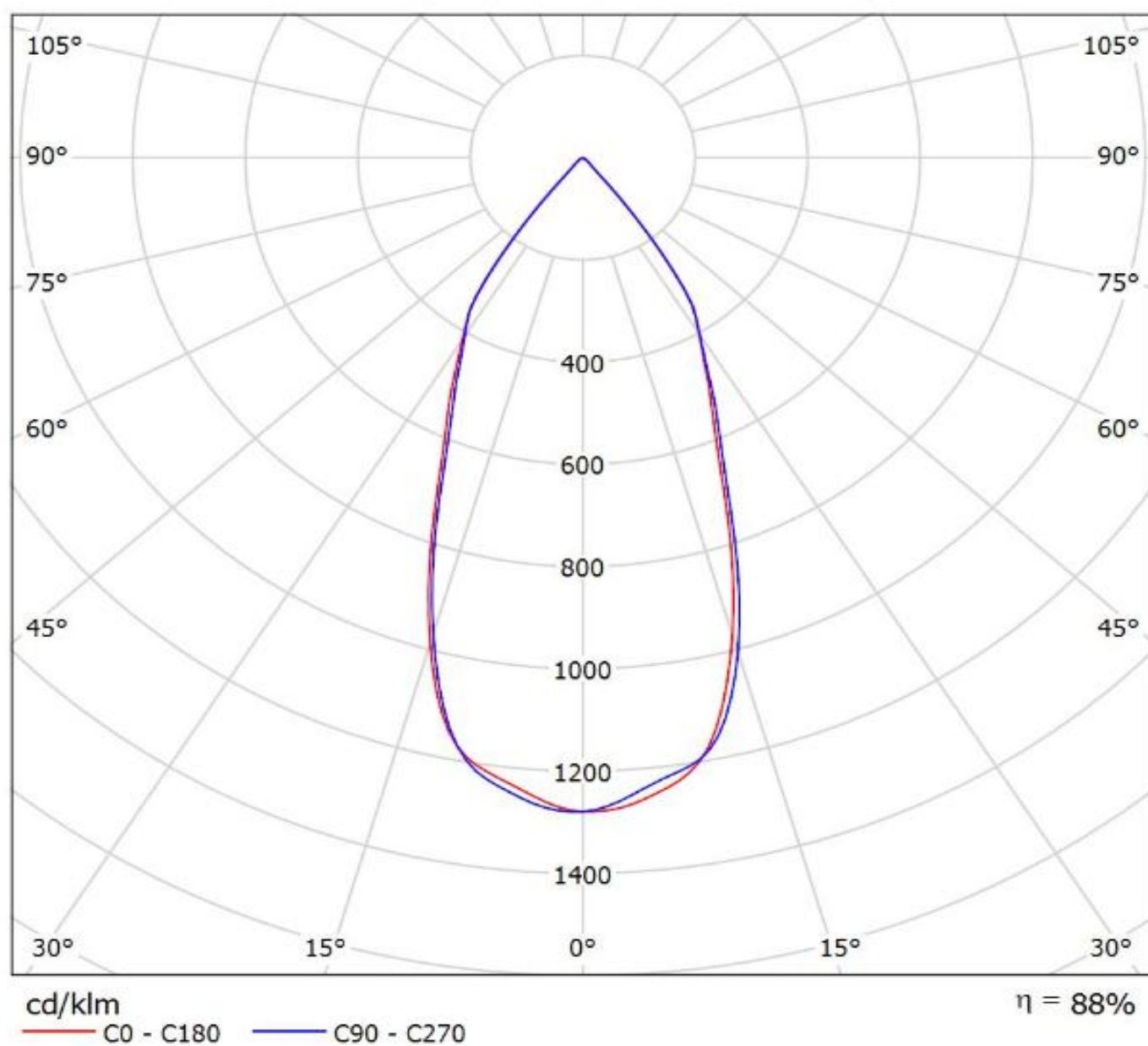
$\eta = 88\%$

Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(LC040C+TE)

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

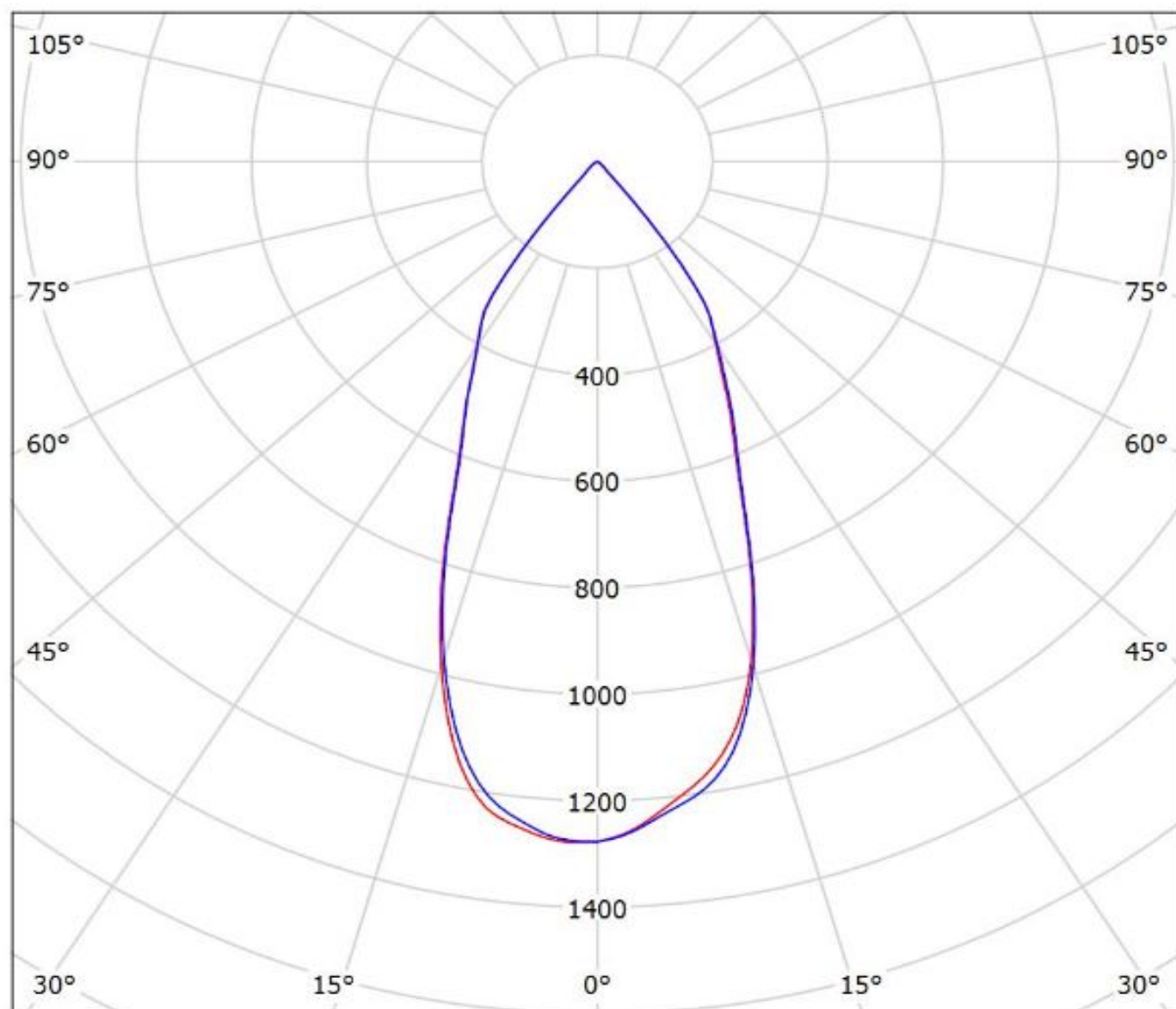


Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CLU038+TE)  
Lamps: 1 x Citizen\_CLU038\_(-1205C4-273MZK1)\_+2213254-2\_+2213194-  
1\_1351.18lm@250mA\_P=8.4078W\_I=0.25A



Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(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

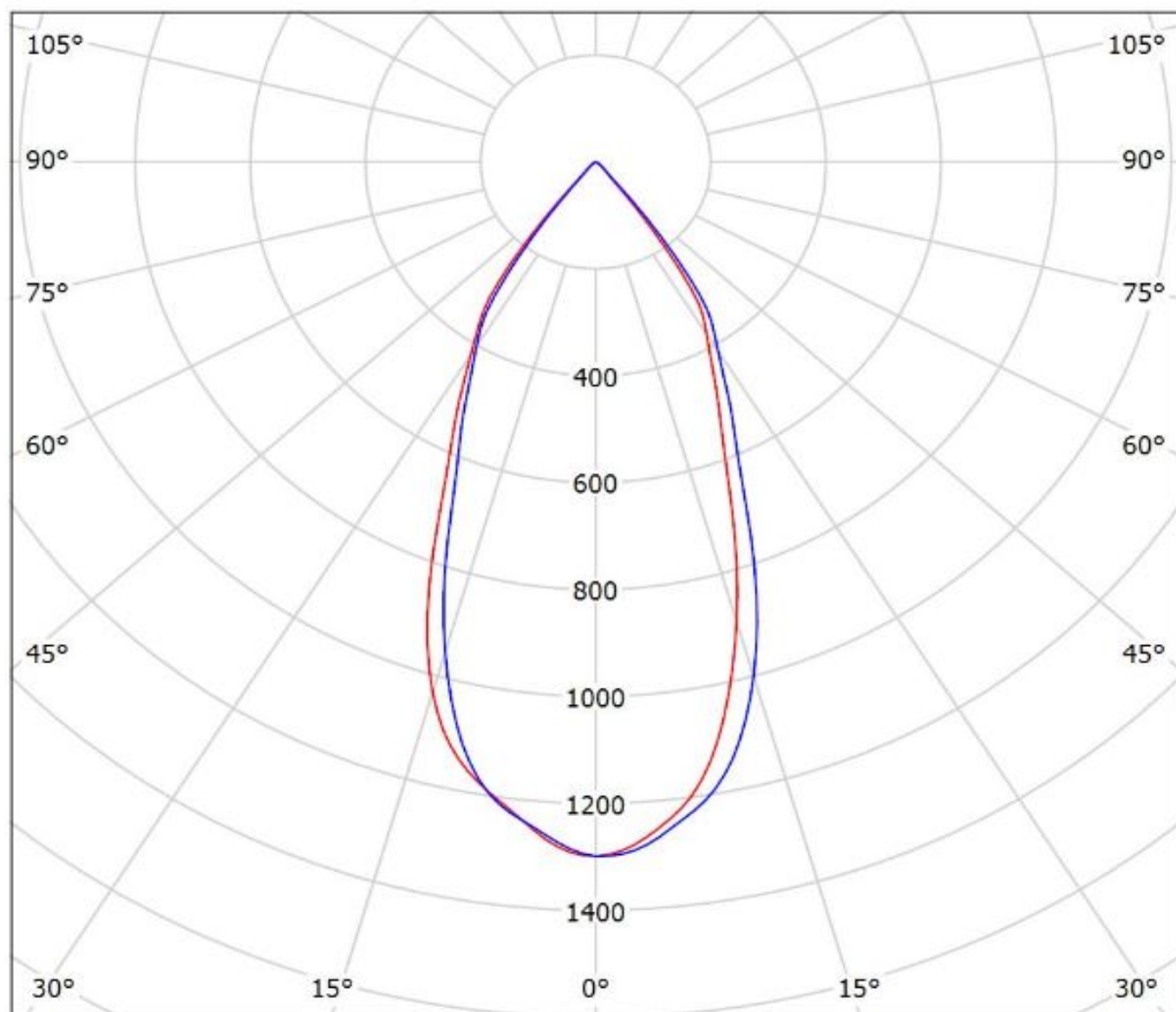
— C90 - C270

$\eta = 87\%$



Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(WU-M-484+TE)

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



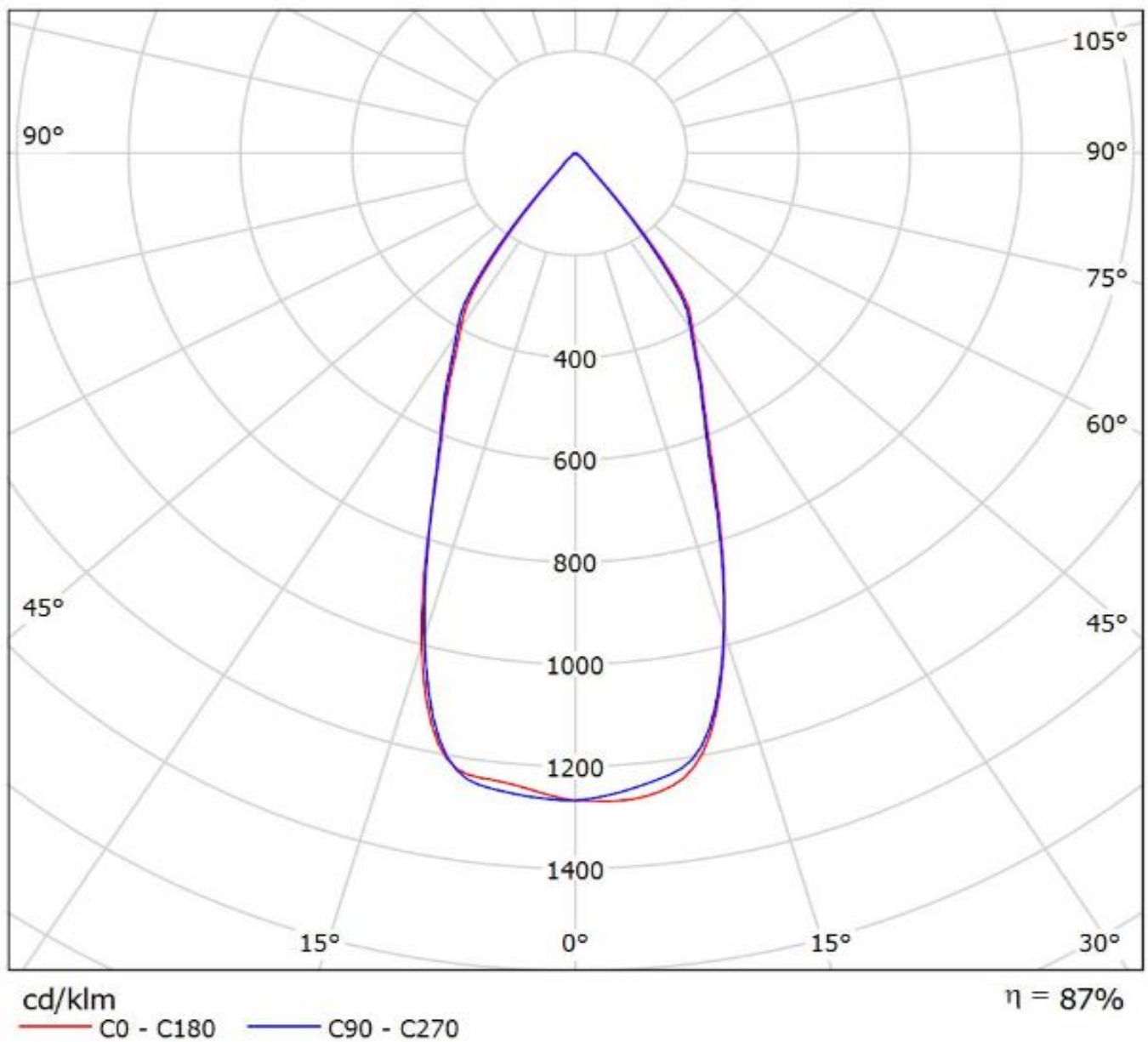
cd/klm

— C0 - C180

— C90 - C270

$\eta = 87\%$

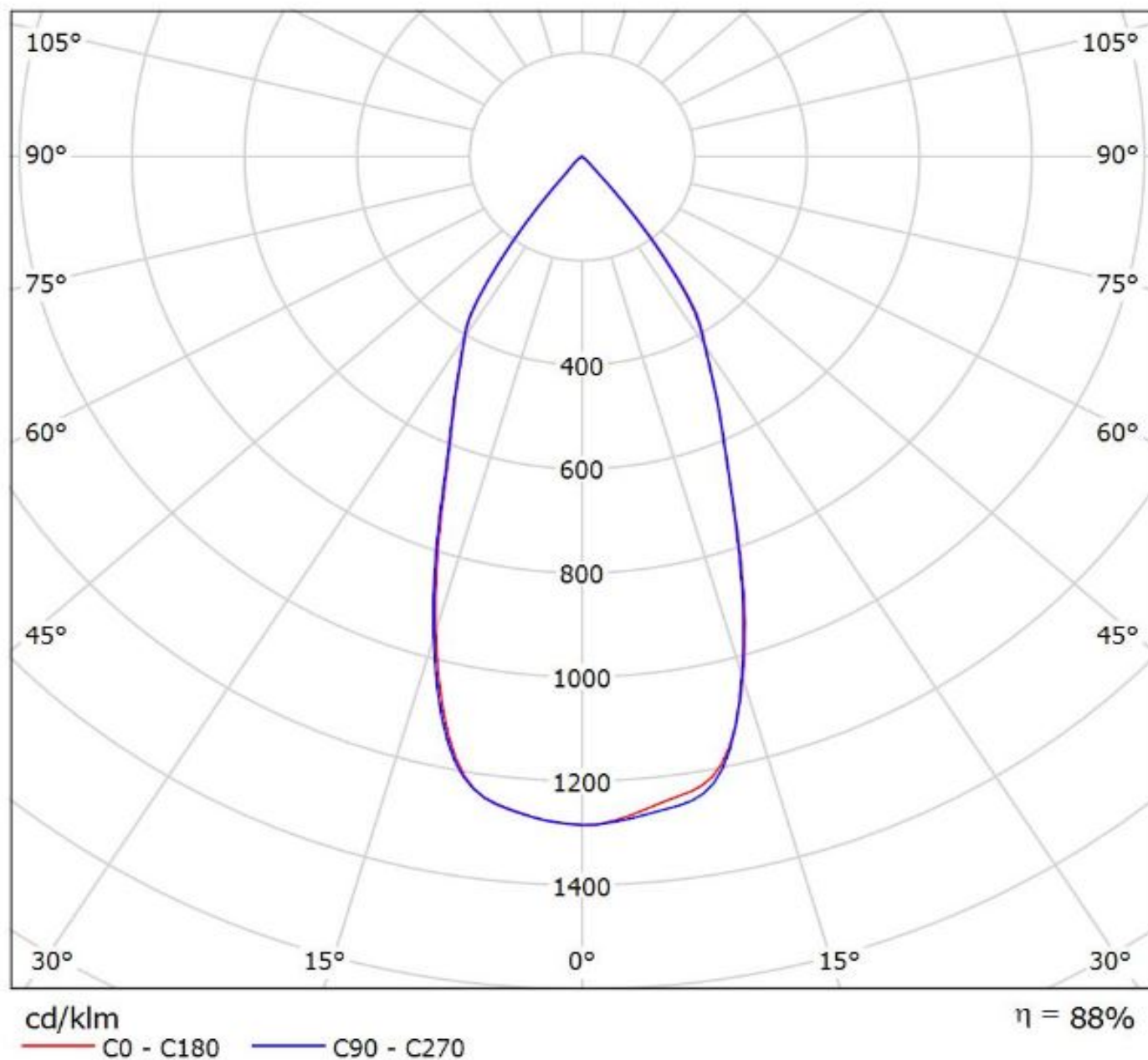
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CLU036+IDEAL)  
Lamps: 1 x CITIZEN\_CLU036\_(-1208C1-303M2G2)\_IDEAL\_50-2103CT+50-  
2100AN\_1299.86lm@250mA\_CCT=3000K\_P=8.249W\_I=0.25A





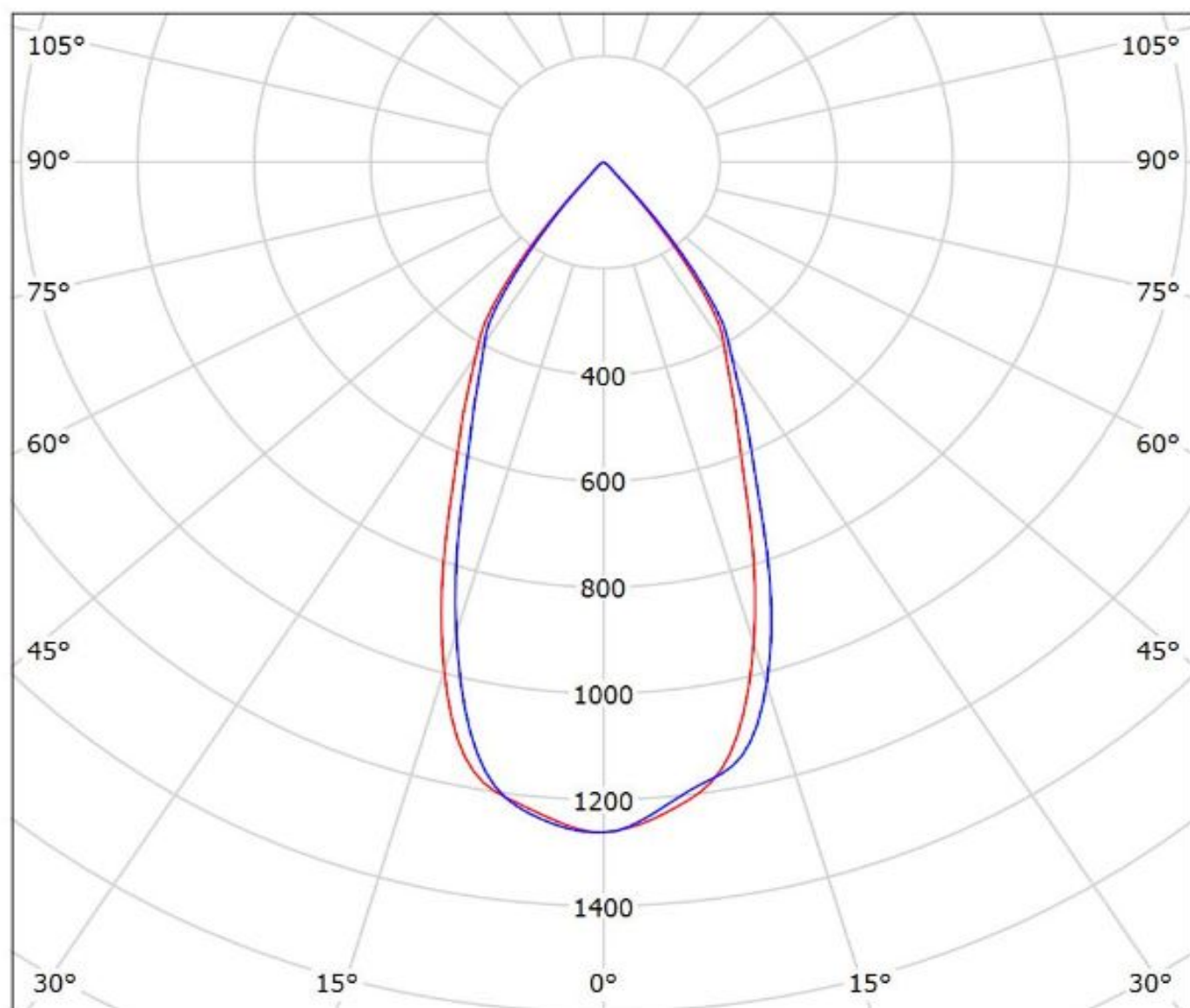
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(PREVALED\_Core\_Z4)

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



Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(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



cd/klm

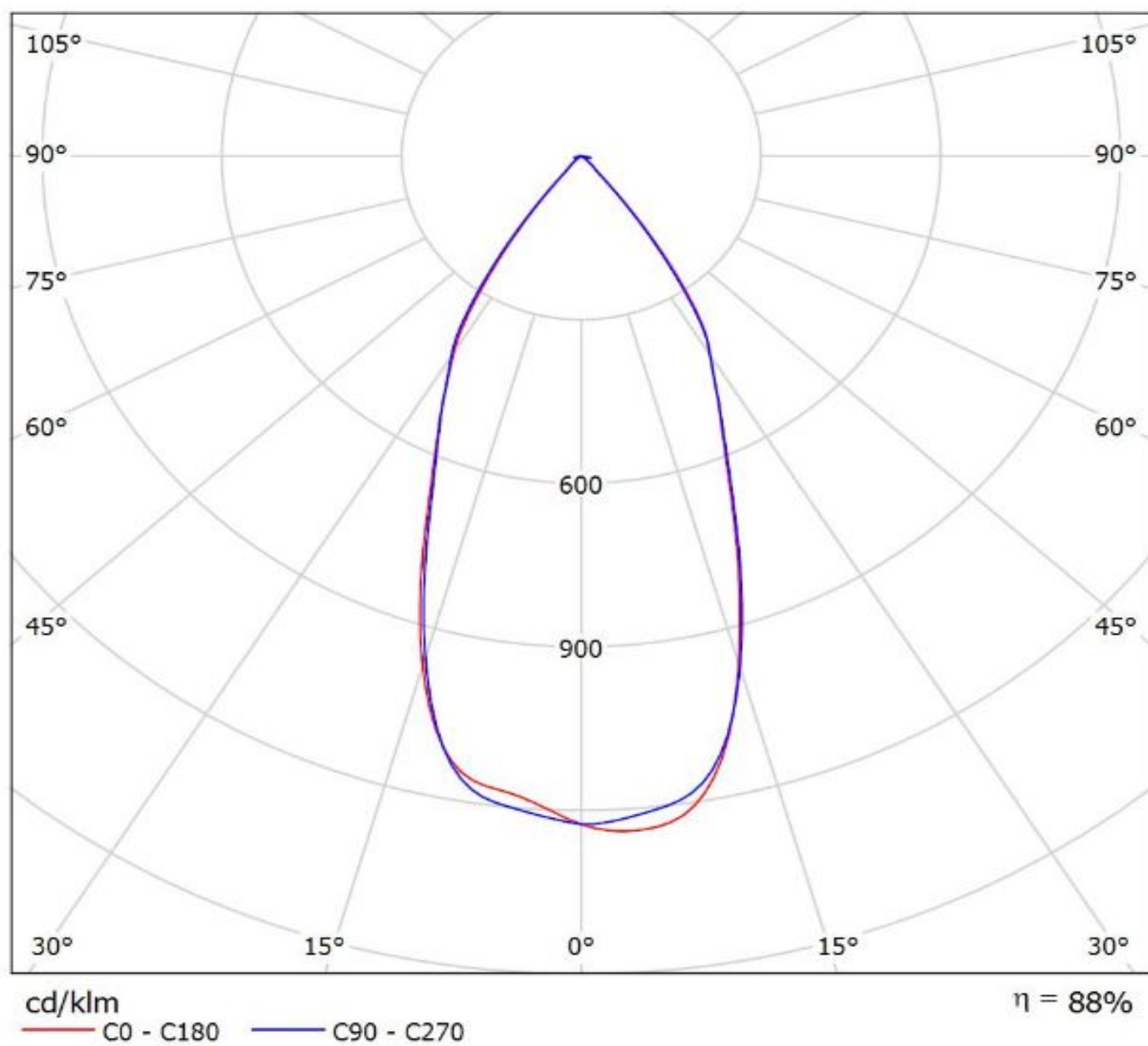
— C0 - C180

— C90 - C270

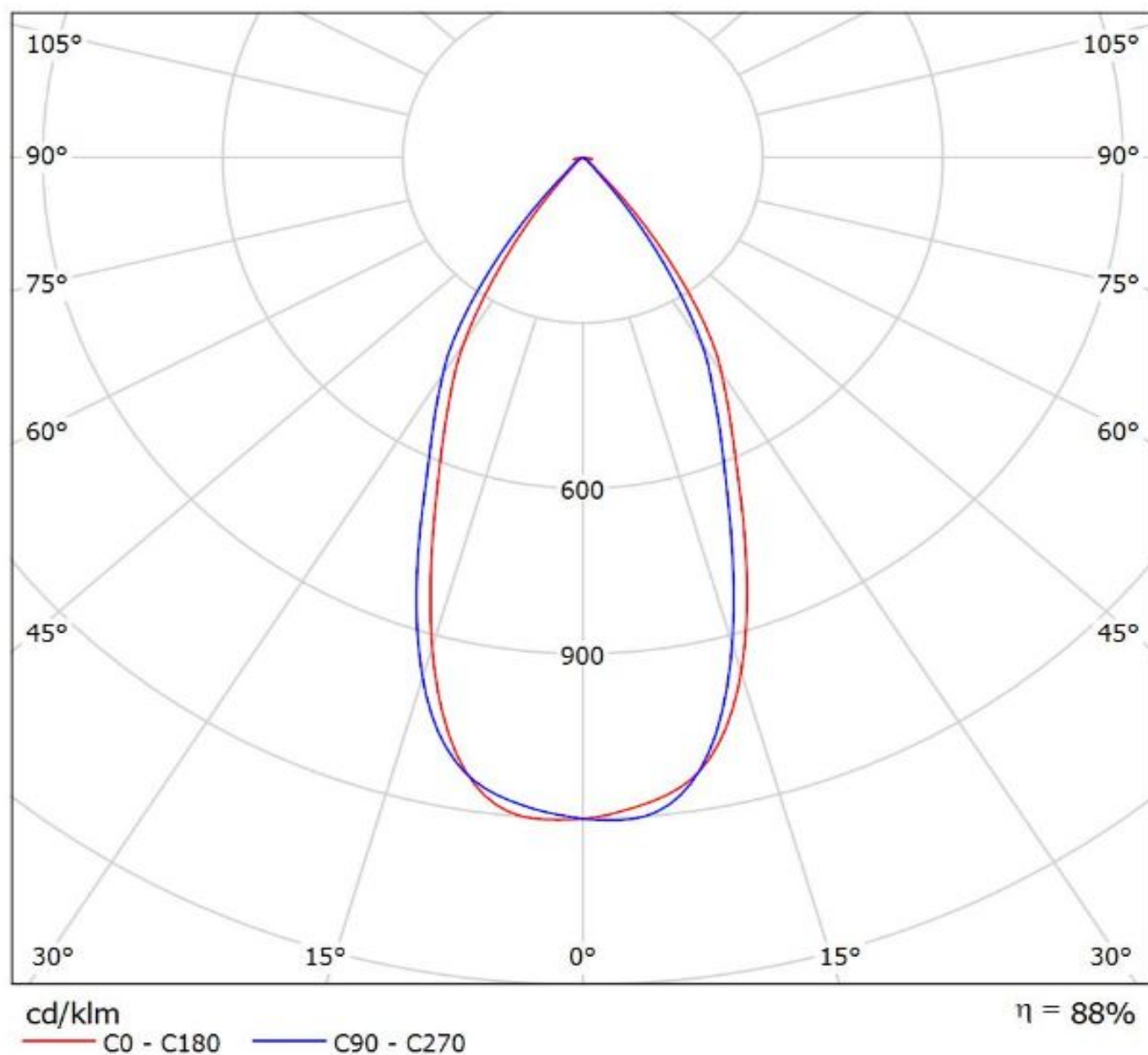
$\eta = 88\%$

Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1211+IDEAL)

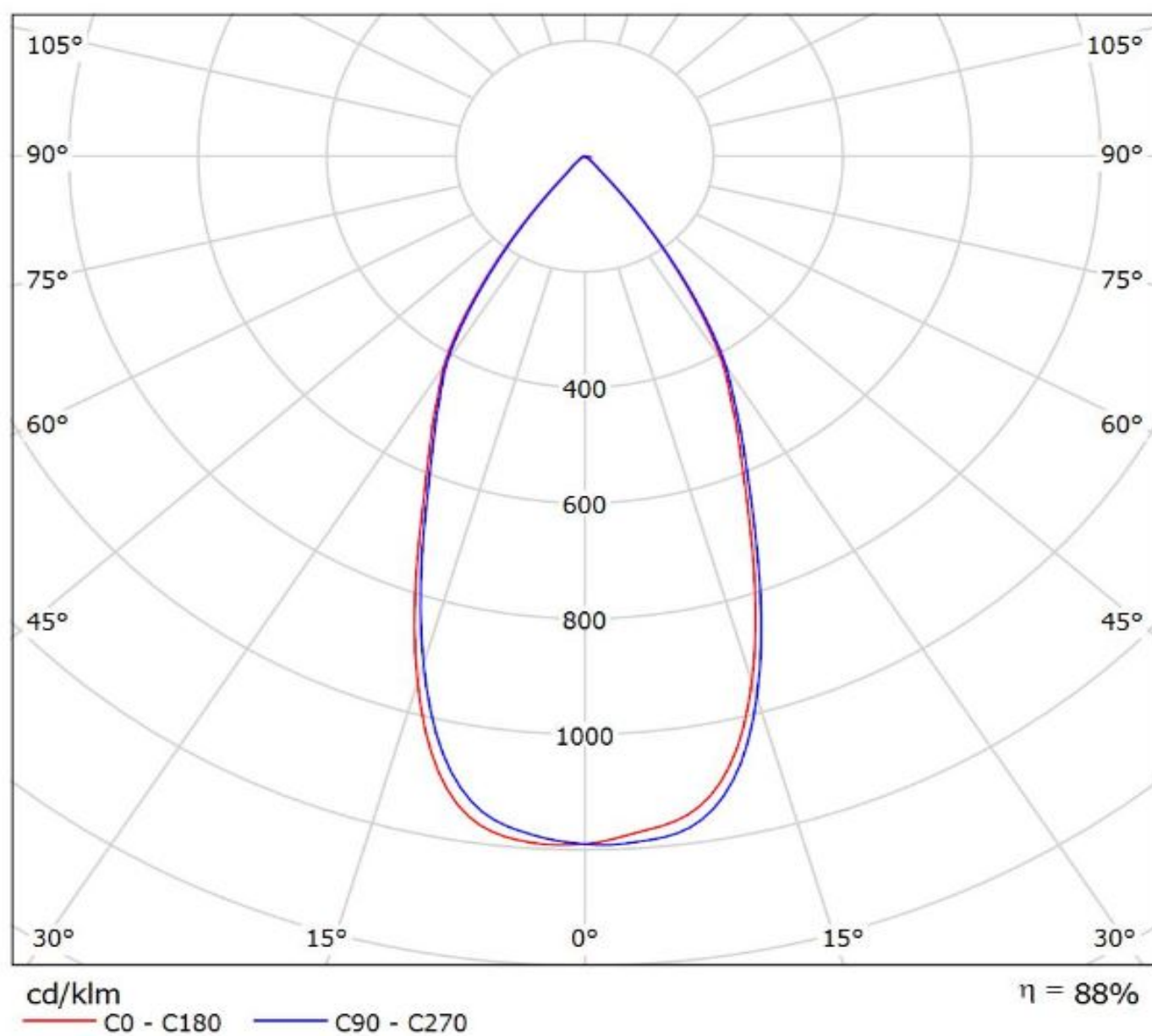
Lamps: 1 x Luxeon\_CoB1211\_(L2C2-4080)\_50-2204CT+50-  
2100AN\_1376.18lm@250mA\_P=7.9988W\_I=0.25A



Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CoB1216\_IDEAL)  
Lamps: 1 x Luxeon\_CoB1216\_(L2C2-40801216E2300)\_+50-2204C\_+\_50-  
2100AN\_1447.57lm@250mA\_CCT=4000K\_P=8.0135W\_I=0.25A



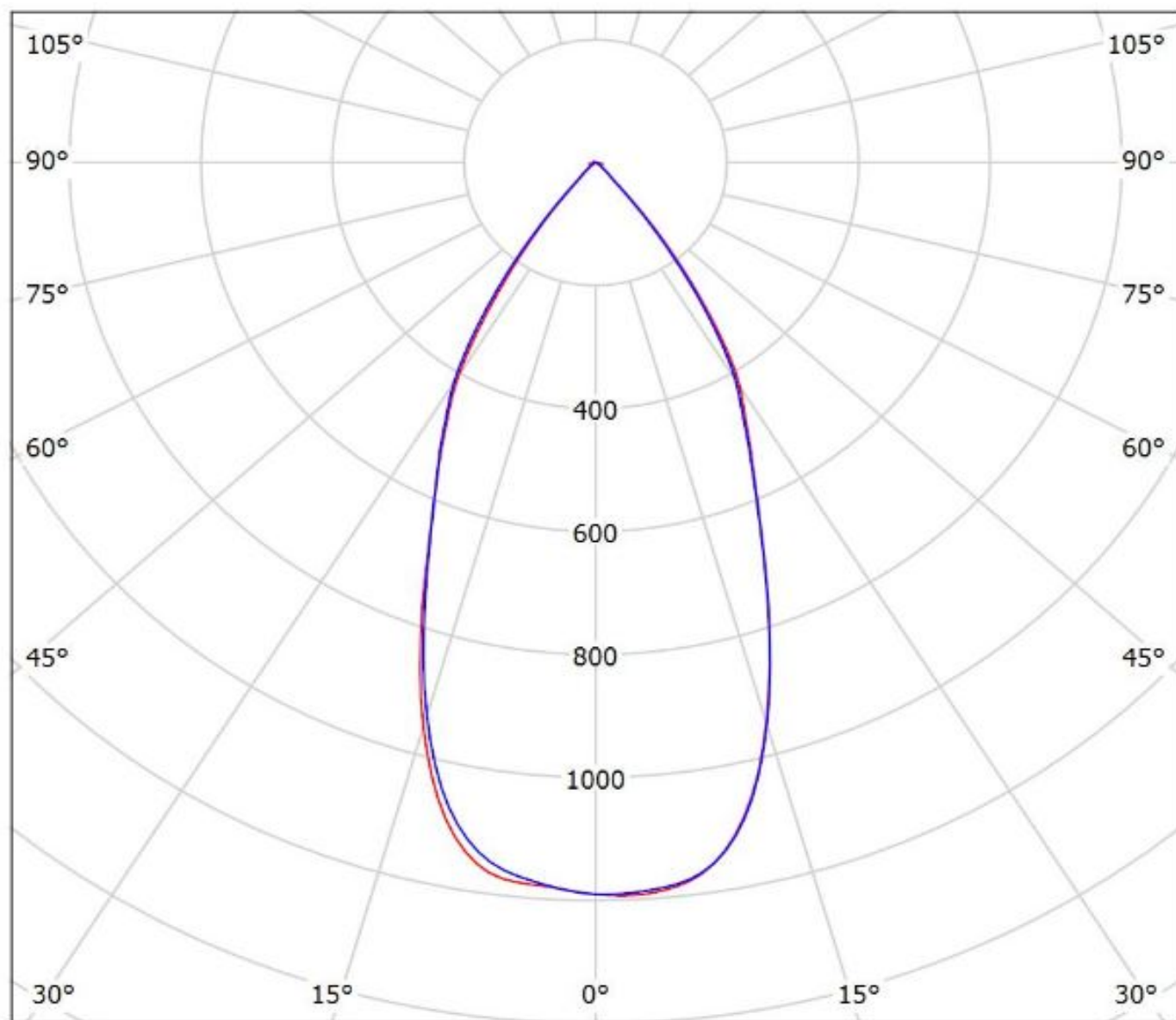
Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(V22+IDEAL)  
Lamps: 1 x Bridgelux\_V22\_(BXRE30E6500H-Y2)\_+50-2204CT\_+\_50-2100AN\_1193.54lm@250mA\_CCT=3000K\_P=8.0988W\_I=0.25A





Luminaire: Ledil F14620\_ANGELETTE-M-PLAIN\_(CLU046+IDEAL)

Lamps: 1 x Citizen\_CLU046\_(-1212C1-303M2G2)\_1383.92lm@250mA\_CCT=3000K\_P=8.122W\_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

**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.