

DETAILS

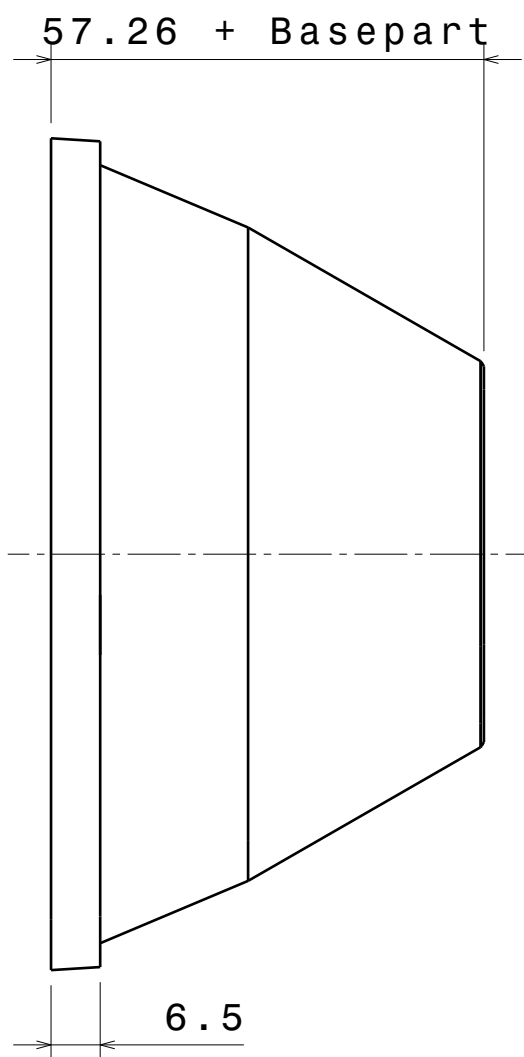
Product Number	F14619_ANGELETTE-S-PLAIN
Family	Angelette
Type	Reflector
Color	metal
Diameter	110 mm
Height	57,3 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	5/04/2016



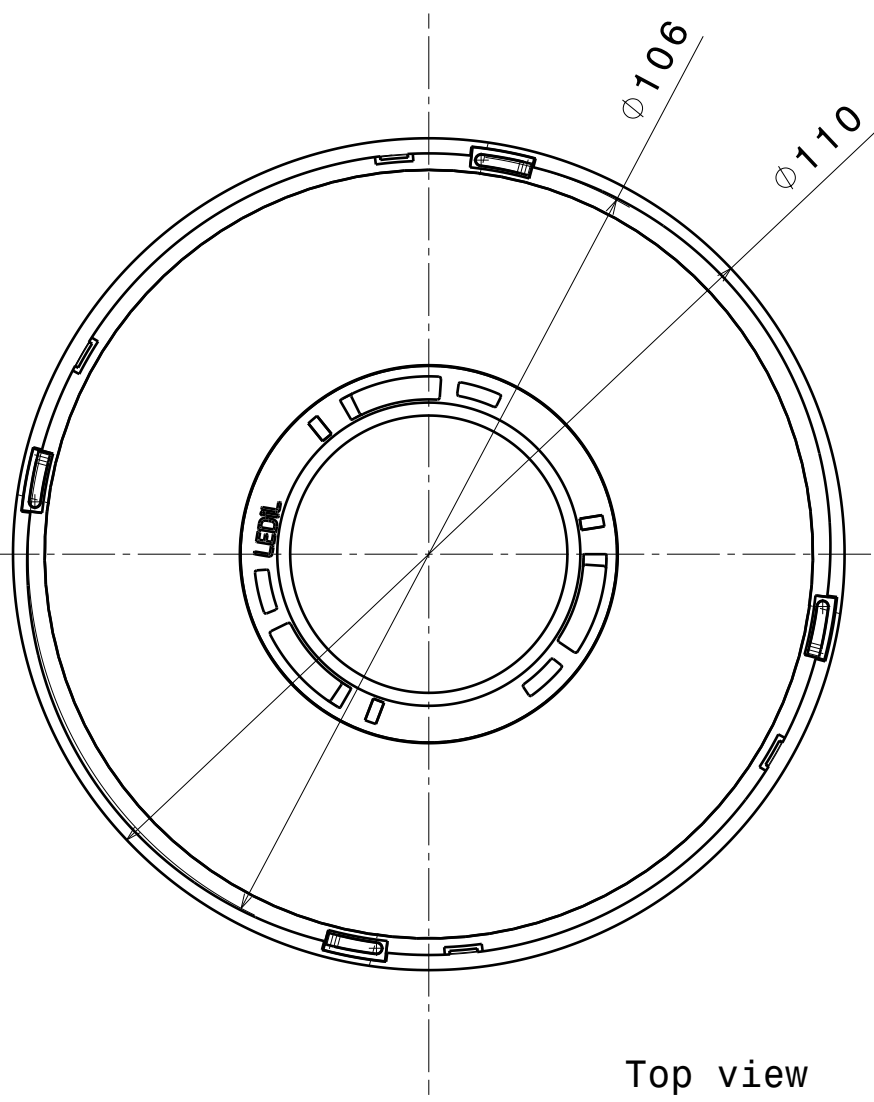
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LC040C	10 deg	Asymmetric	90 %	8.800	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
Soleriq S13 Gen2	11 deg	Asymmetric	89 %	7.900	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
WU-M-484	12 deg	Asymmetric	89 %	7.100	TE: OPTIC CLIP Z50 TYPE1: 2213194-1
CLU730	12 deg	Asymmetric	89 %	6.600	IDEAL: 50-2204-CT + 50-2100AN
LUXEON CoB 1208	13 deg	Asymmetric	89 %	5.600	IDEAL: 50-2100SH + 50-2100AN
LUXEON CoB 1208	13 deg	Asymmetric	89 %	6.200	TE: 2213130-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
CLL03x/CLU03x	13 deg	Asymmetric	90 %	6.200	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
CLL03x/CLU03x	13 deg	Asymmetric	89 %	6.000	IDEAL: 50-2103CT + 50-2100AN
PrevaLED Core Z4 LES19	14 deg	Asymmetric	90 %	5.400	TE: OPTIC CLIP Z50 TYPE1: 2213194-1
Soleriq S19	14 deg	Asymmetric	90 %	5.300	TE: 2213407-2 + OPTIC CLIP Z50 TYPE1: 2213194-1
LUXEON CoB 1211	17 deg	Asymmetric	89 %	4.200	IDEAL: 50-2204-CT + 50-2100AN
V22	19 deg	Asymmetric	90 %	3.500	IDEAL: 50-2204-CT + 50-2100AN
CLL04x/CLU04x	19 deg	Asymmetric	90 %	3.400	IDEAL: 50-2204-CT + 50-2100AN
LUXEON CoB 1216	20 deg	Asymmetric	89 %	3.300	IDEAL: 50-2204-CT + 50-2100AN

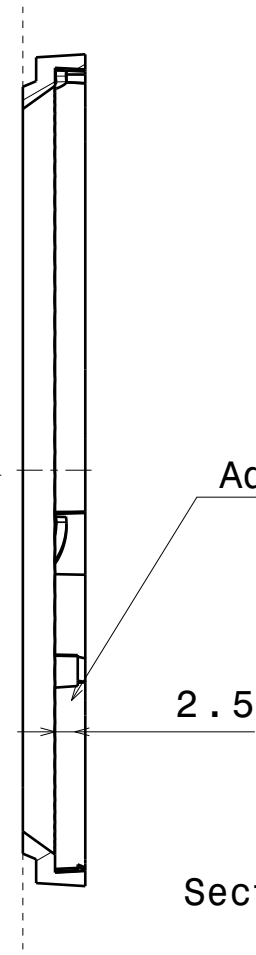
NOTE: Customer may add additional light modifying parts to Angelette family(excluding the plain versions):
Minumum height of additional part is 1.5mm and maximum is 2.2mm. Diameter is 105.9mm±0.3



Front view

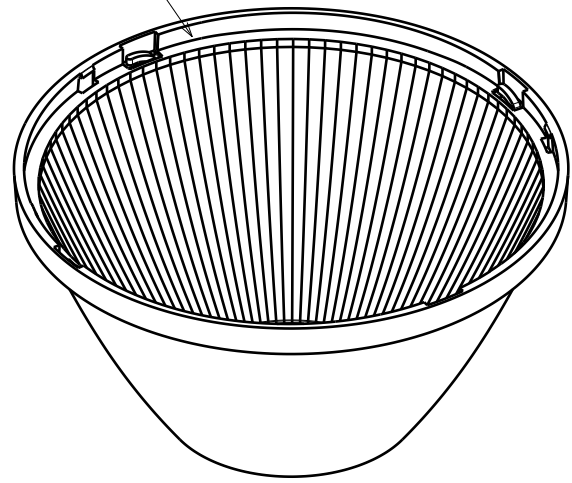


Top view

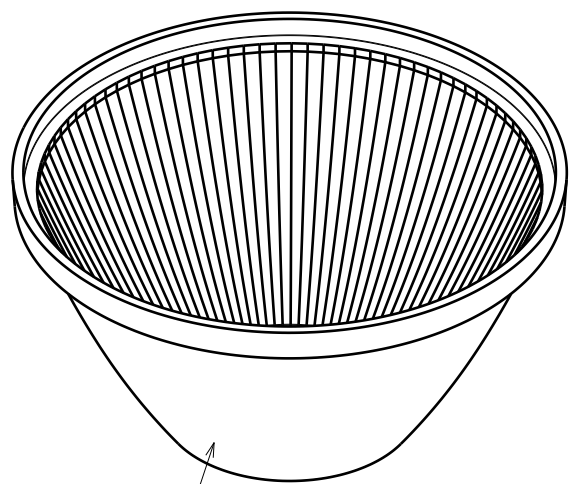



Additional part
Section view A-A

ANGELETTE-S

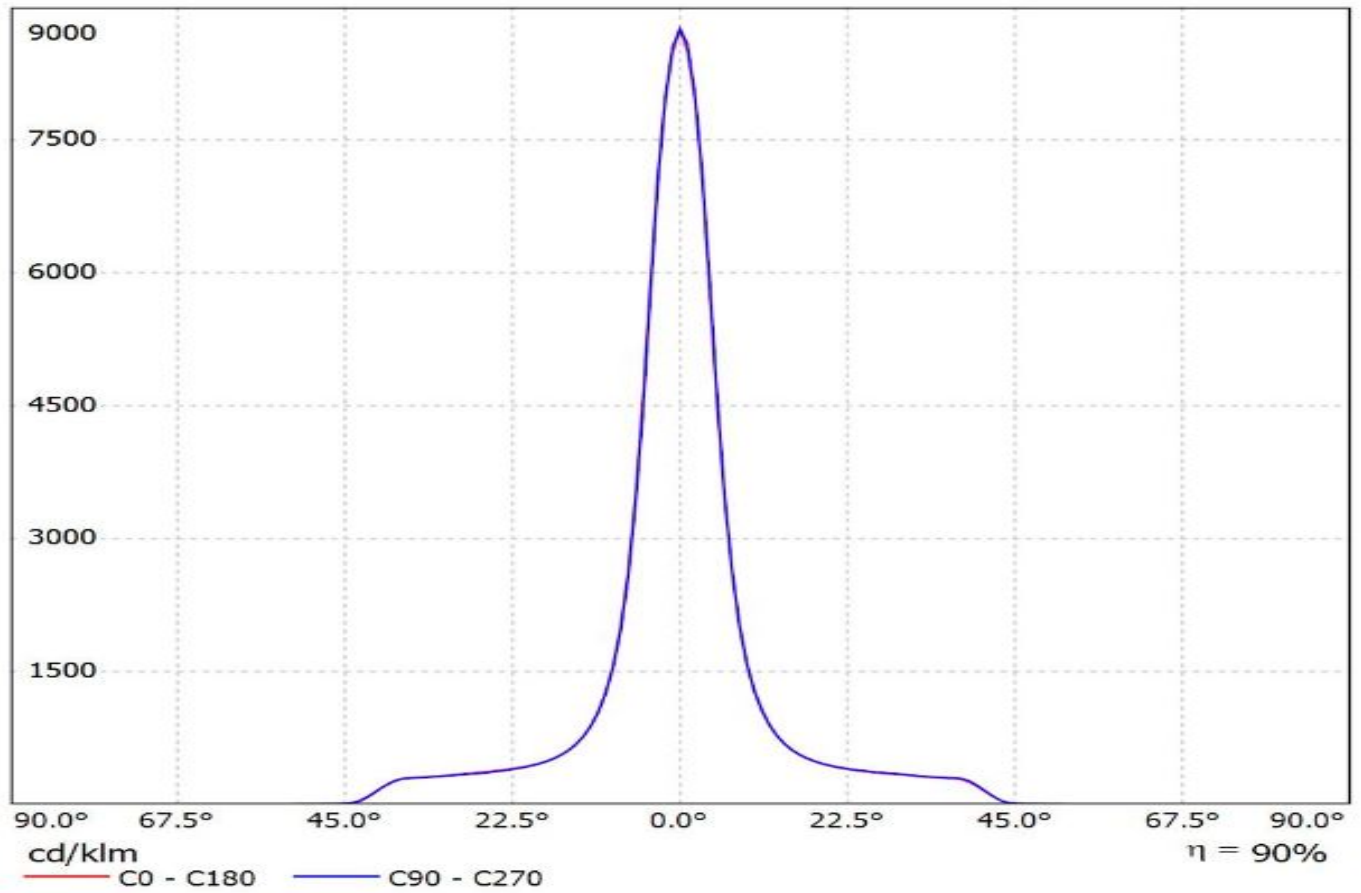


ANGELETTE-S-PLAIN



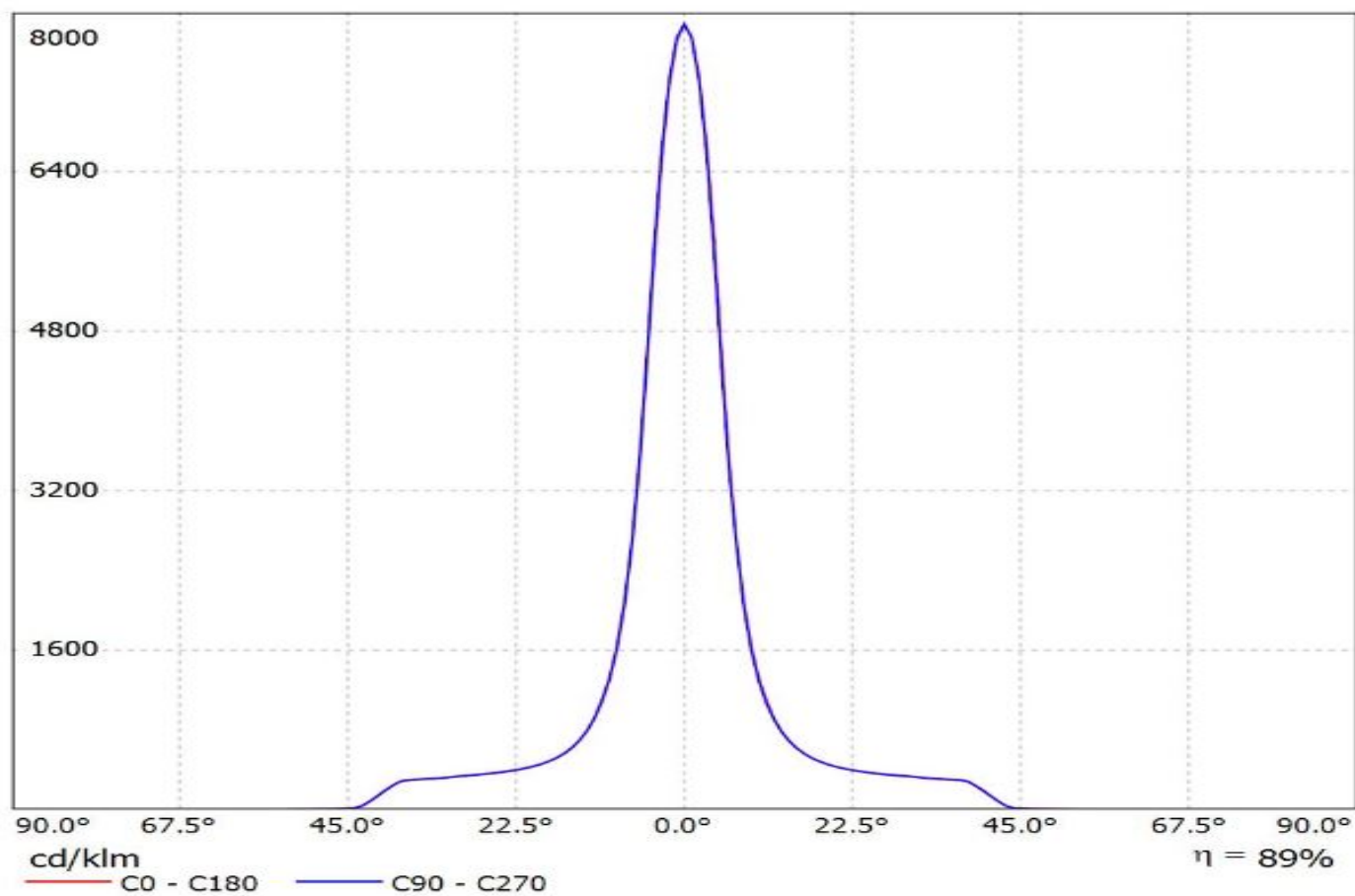
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION: 		DRAWING TITLE Datasheet_ANGELETTE-S	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER ANGELETTE-S ANGELETTE-S-PLAIN
		SCALE 1:1	WEIGHT SHEET 1/1

Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(LC040C+TE)
Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W

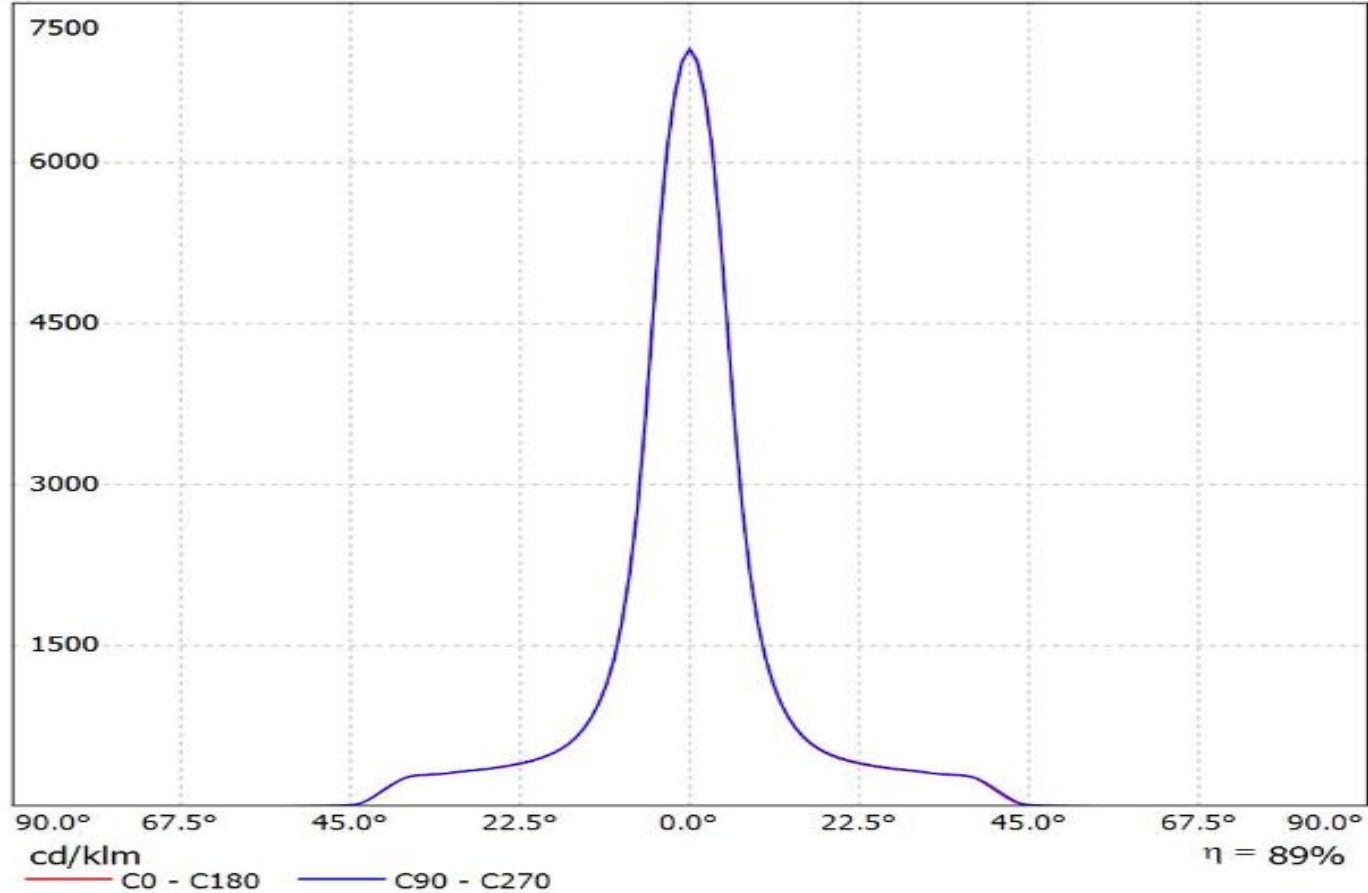


Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(S13_Gen2+TE)

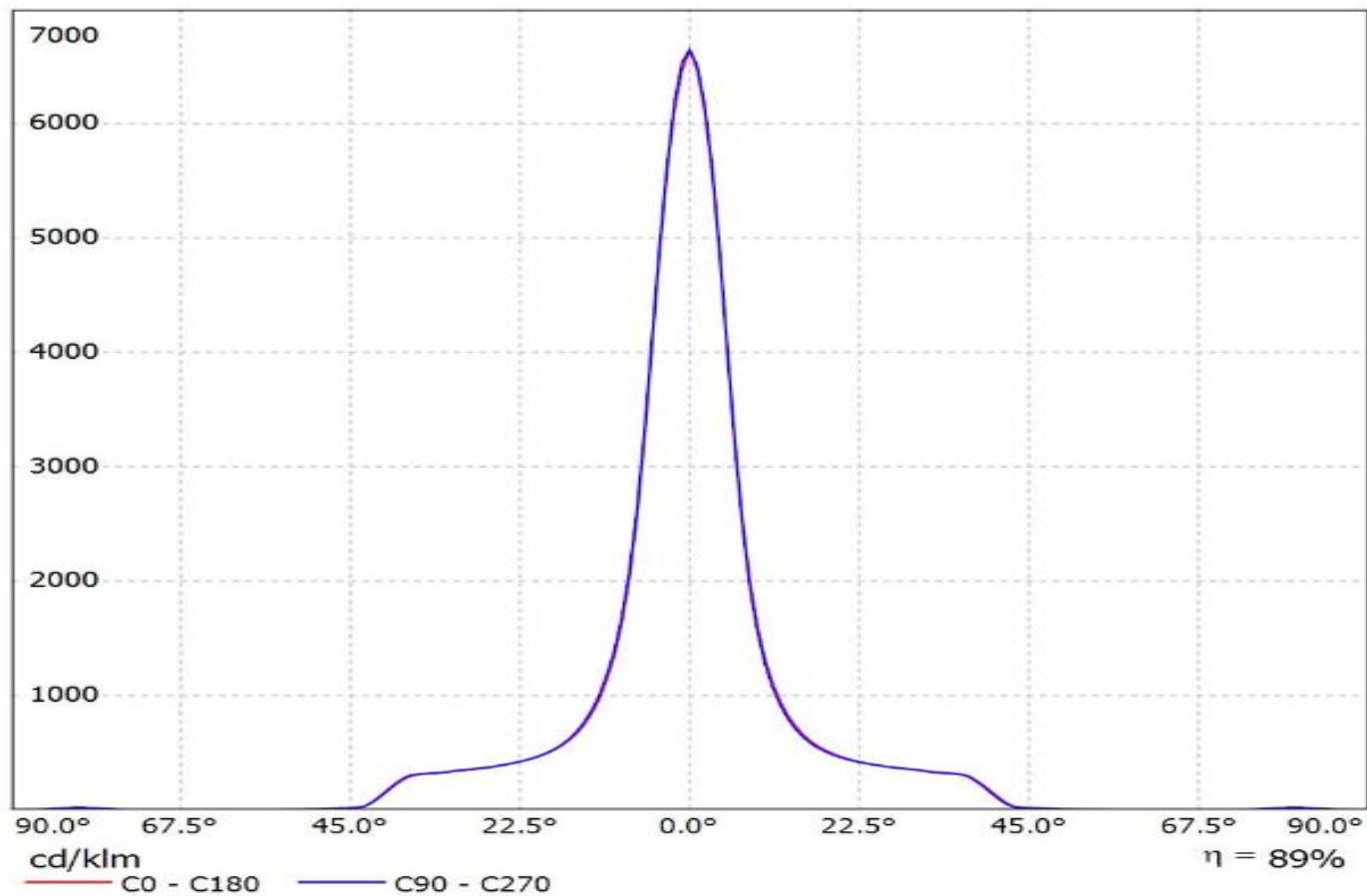
Lamps: 1 x Soleriq_S13_Gen2+_2213254-2+_2213194-1_1309.23lm@250mA_P=8.7840W_I=0.250A



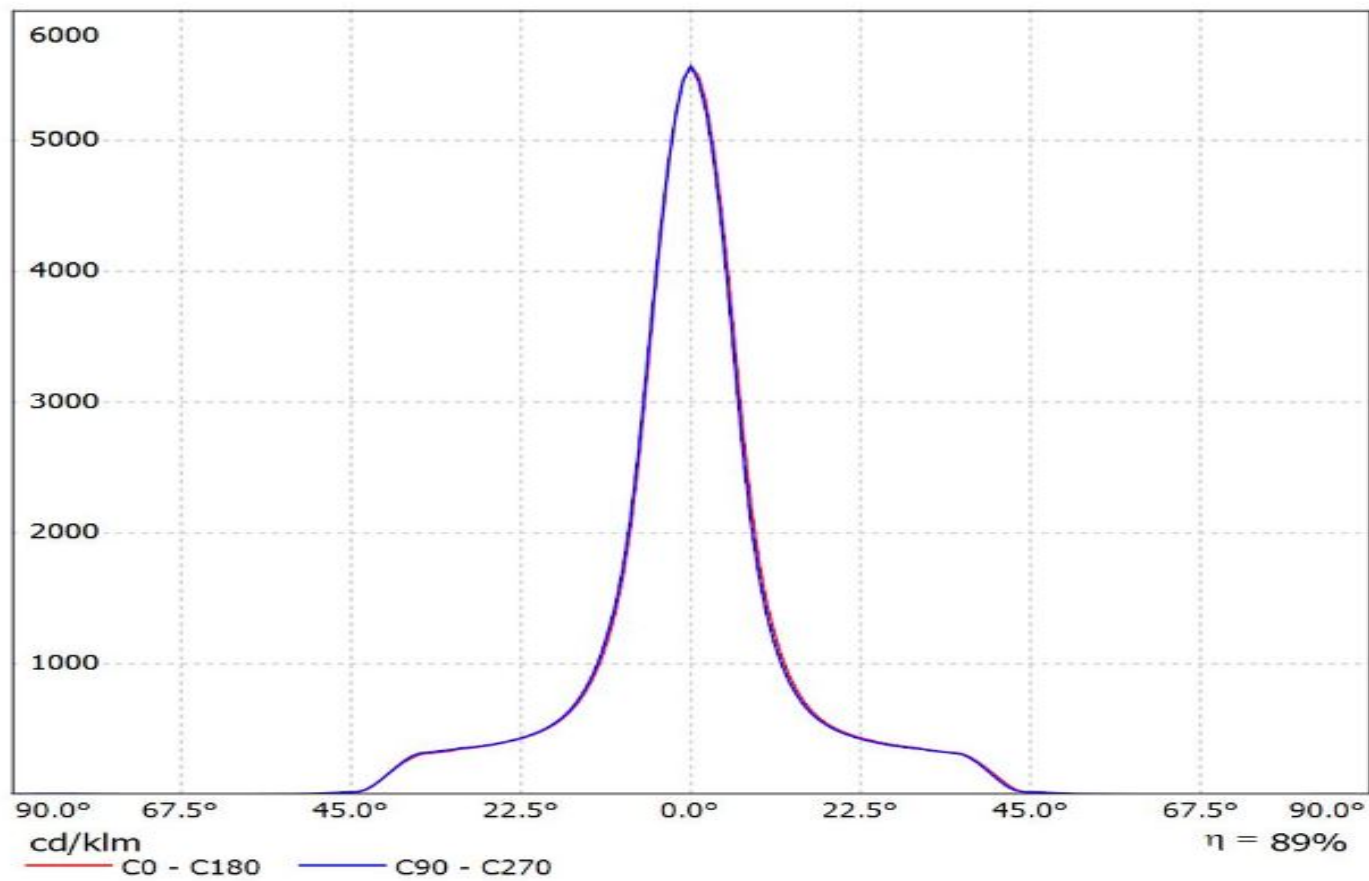
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(WU-M-484+TE)
Lamps: 1 x Vossloh_Schwabe_WU-M-484-830_681.21lm@250mA_P=5.6195W_I=0.25A



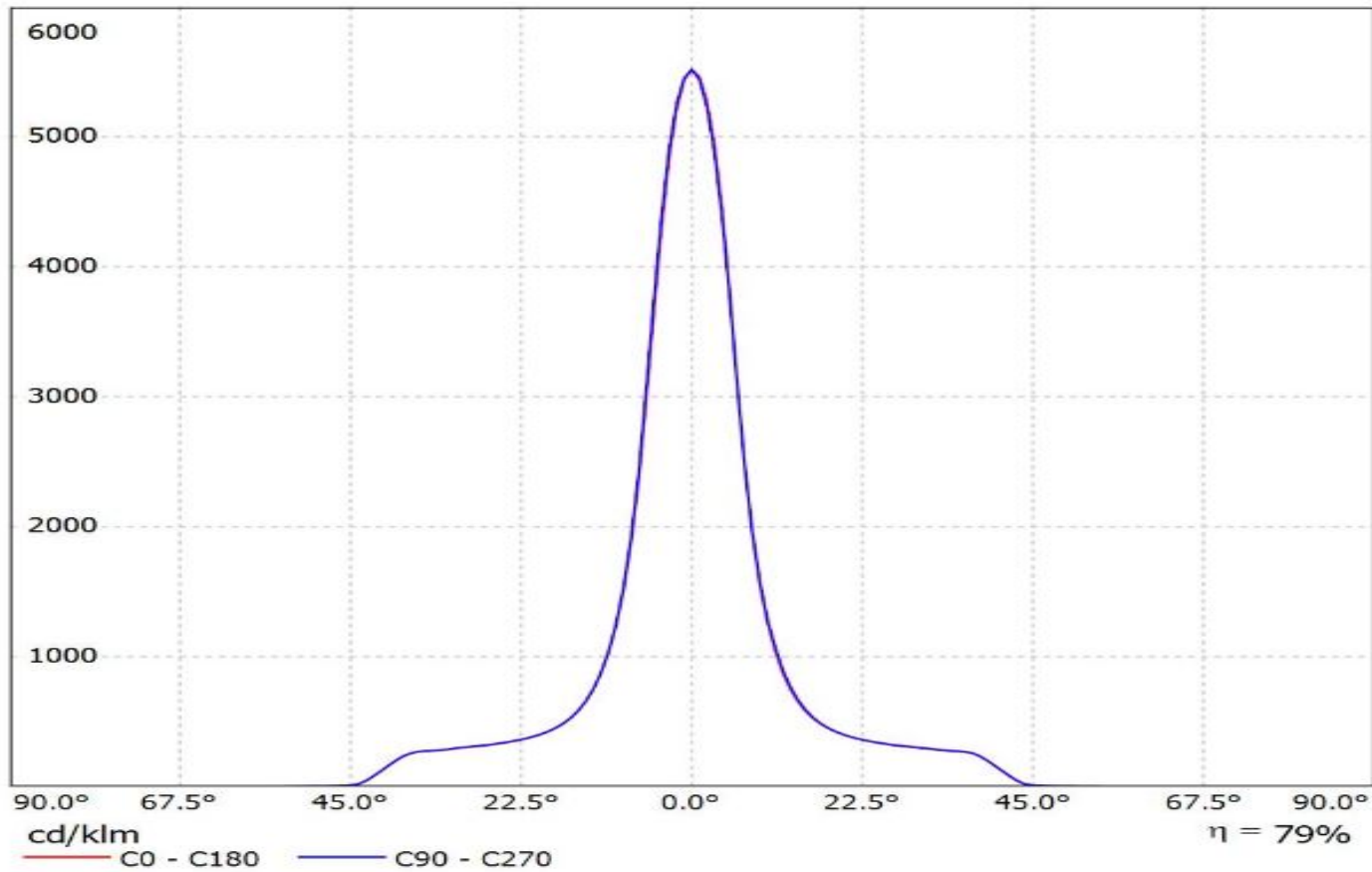
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CLU730+IDEAL)
Lamps: 1 x Citizen_CLU730_(-1210B8-273M2G1)_IDEAL_50-2204C+50-2100AN



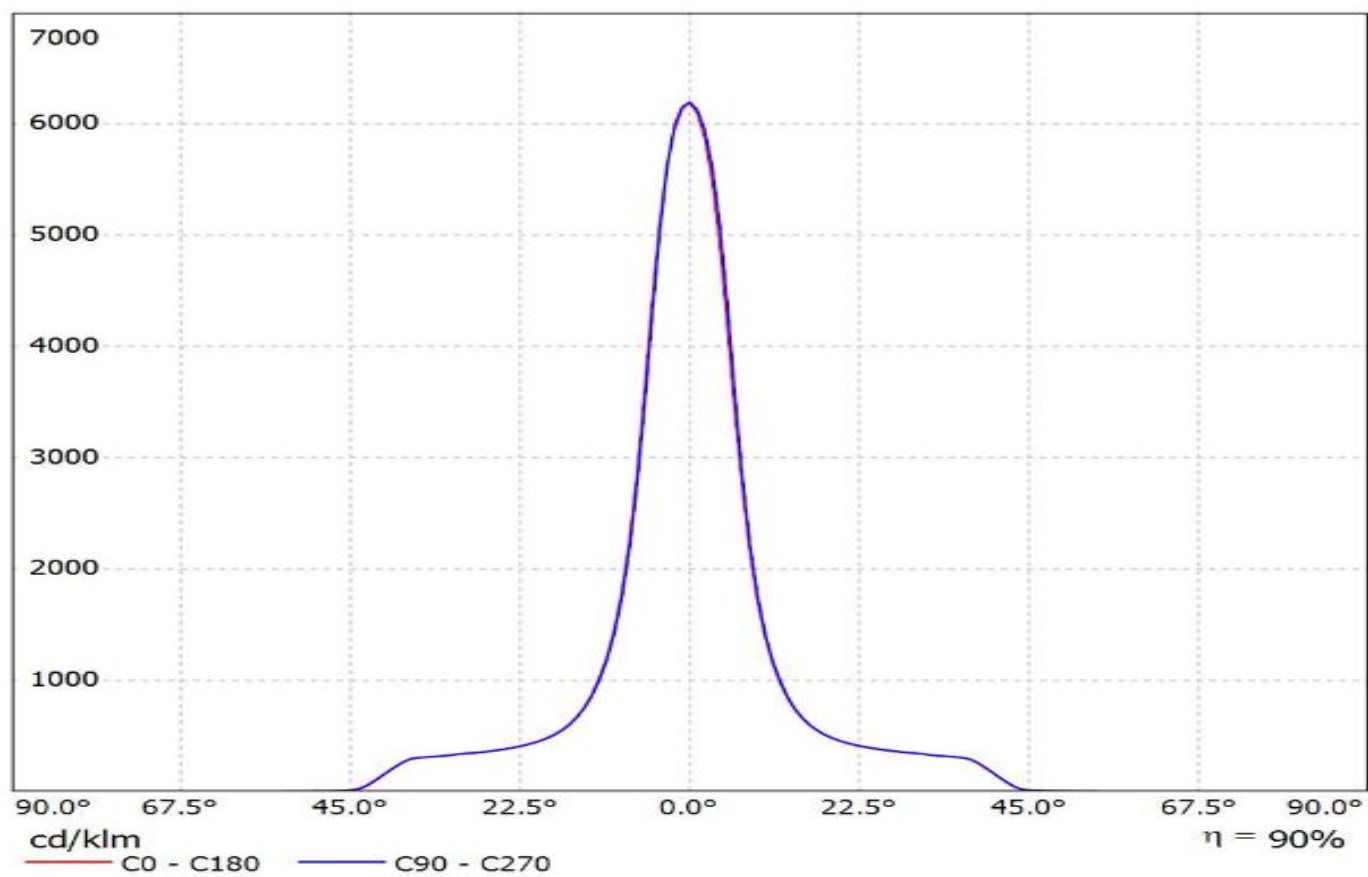
Luminaire: Ledil F14619_ ANGELETTE-S-PLAIN_(CoB1208+IDEAL)
Lamps: 1 x Luxeon_CoB1208_+_50-2100SH+50-
2100AN_1062.11lm@250mA_CCT=3000K_P=8.3007W_I=0.25A



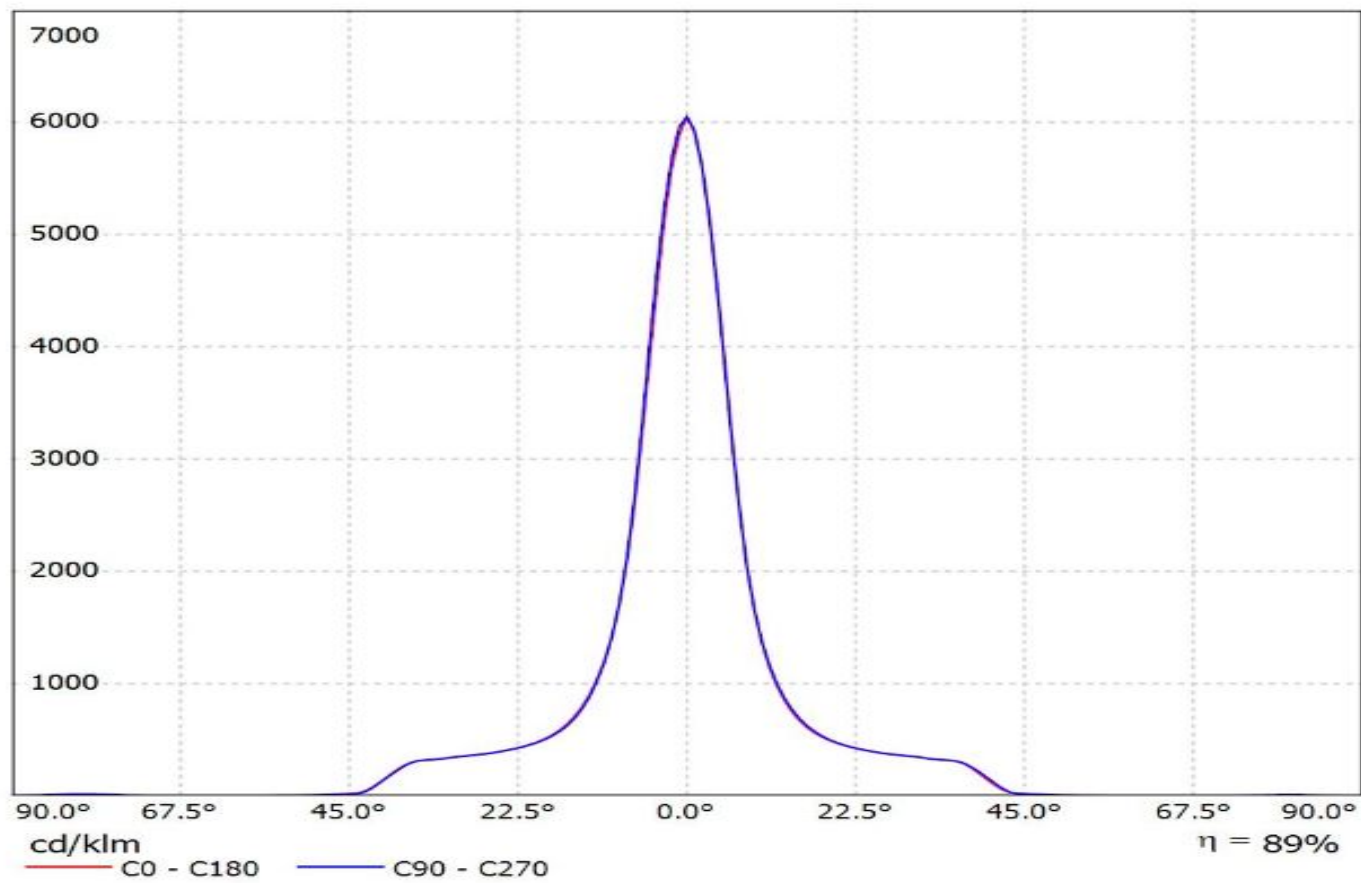
Luminaire: Ledil F14619_ ANGELETTE-S-PLAIN_(CoB1208+TE)
Lamps: 1 x Luxeon_CoB1208_+ 2213130-2_+ 2213194-
1_1062.11lm@250mA_CCT=3000K_P=8.3007W_I=0.25A



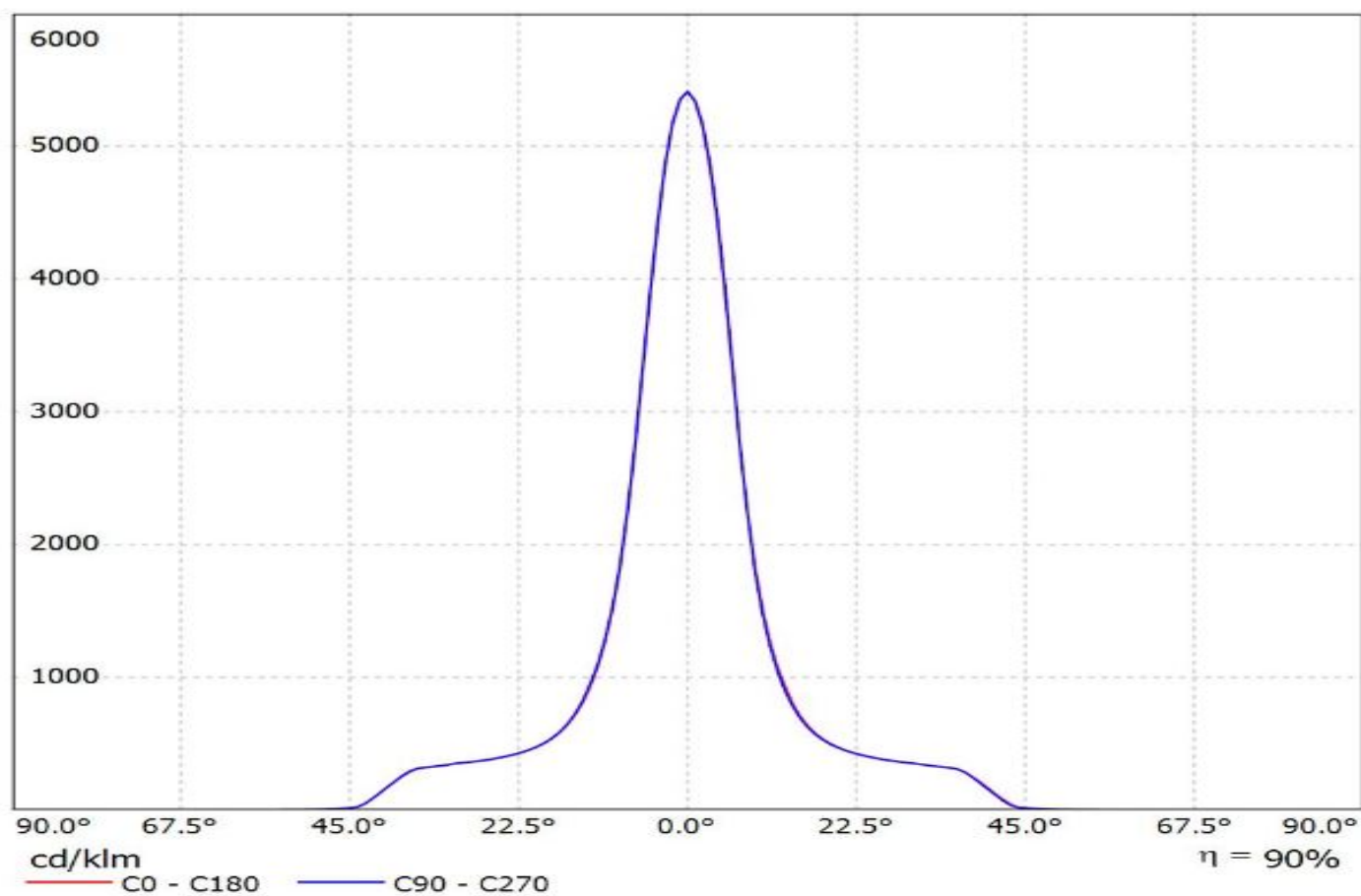
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CLU038+TE)
Lamps: 1 x Citizen_CLU038_(-1205C4-273MZK1)_+2213254-2_+2213194-1_1351.18lm@250mA_P=8.4078W_I=0.25A



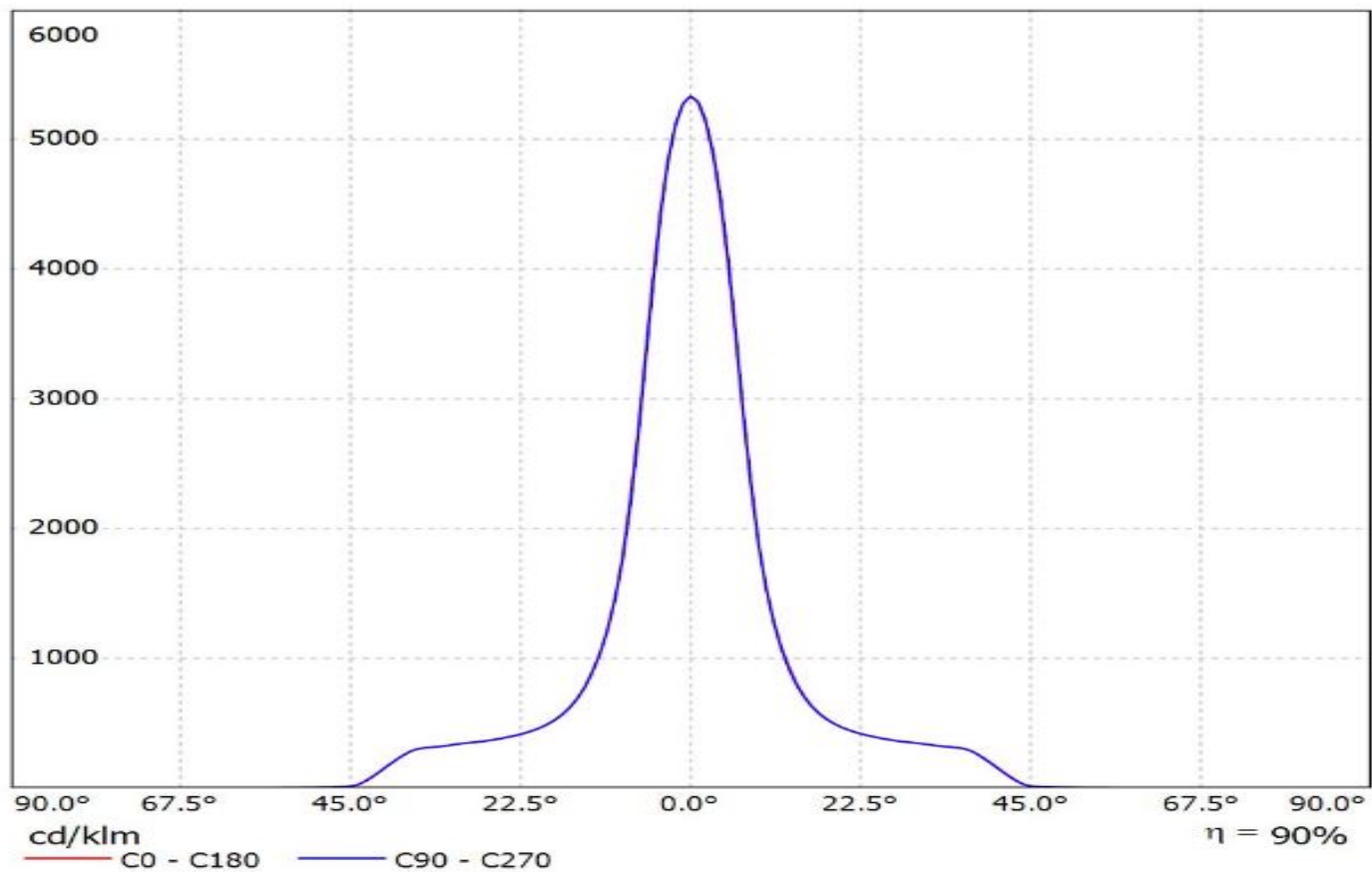
Luminaire: Ledil F14619_ ANGELETTE-S-PLAIN_ (CLU036+IDEAL)
Lamps: 1 x CITIZEN_ CLU036_ (-1208C1-303M2G2)_ IDEAL_ 50-2103CT+50-2100AN_ 1299.86lm@250mA_ CCT=3000K_ P=8.249W_ I=0.25A



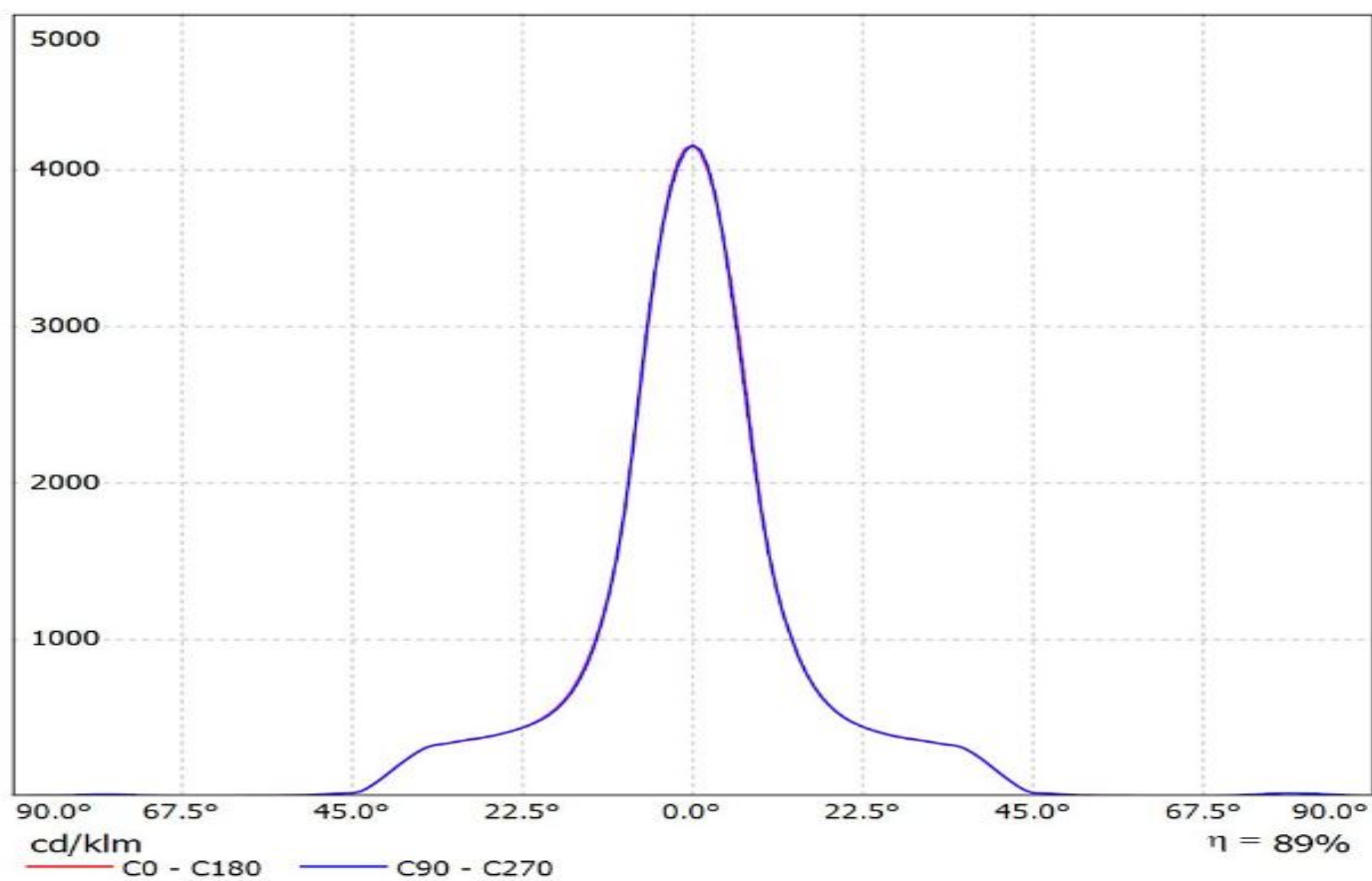
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(PREVALED_Core_Z4)
Lamps: 1 x PREVALED_Core_Z4_LES19_1470.62lm@250mA_P=10.828W_I=0.25A



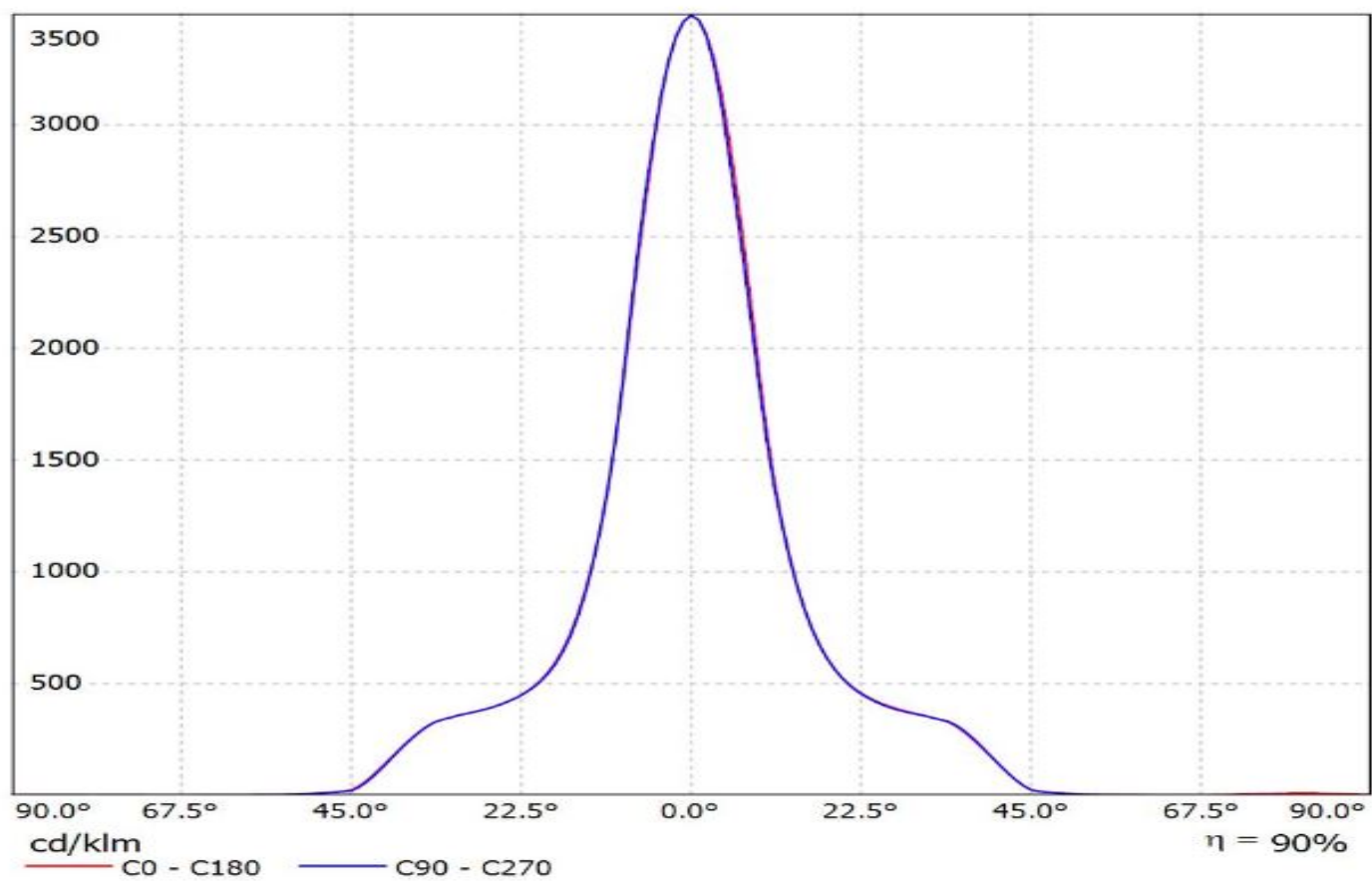
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(S19+TE)
Lamps: 1 x Osram_Soleroq_S19_(GW_KAHJB1.EM)_+2213407-2+2213194-
1_1546.1lm@250mA_CCT=3000K_P=11.021W_I=0.25A



Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CoB1211+IDEAL)
Lamps: 1 x Luxeon_CoB1211_(L2C2-4080)_50-2204CT+50-
2100AN_1376.18lm@250mA_P=7.9988W_I=0.25A

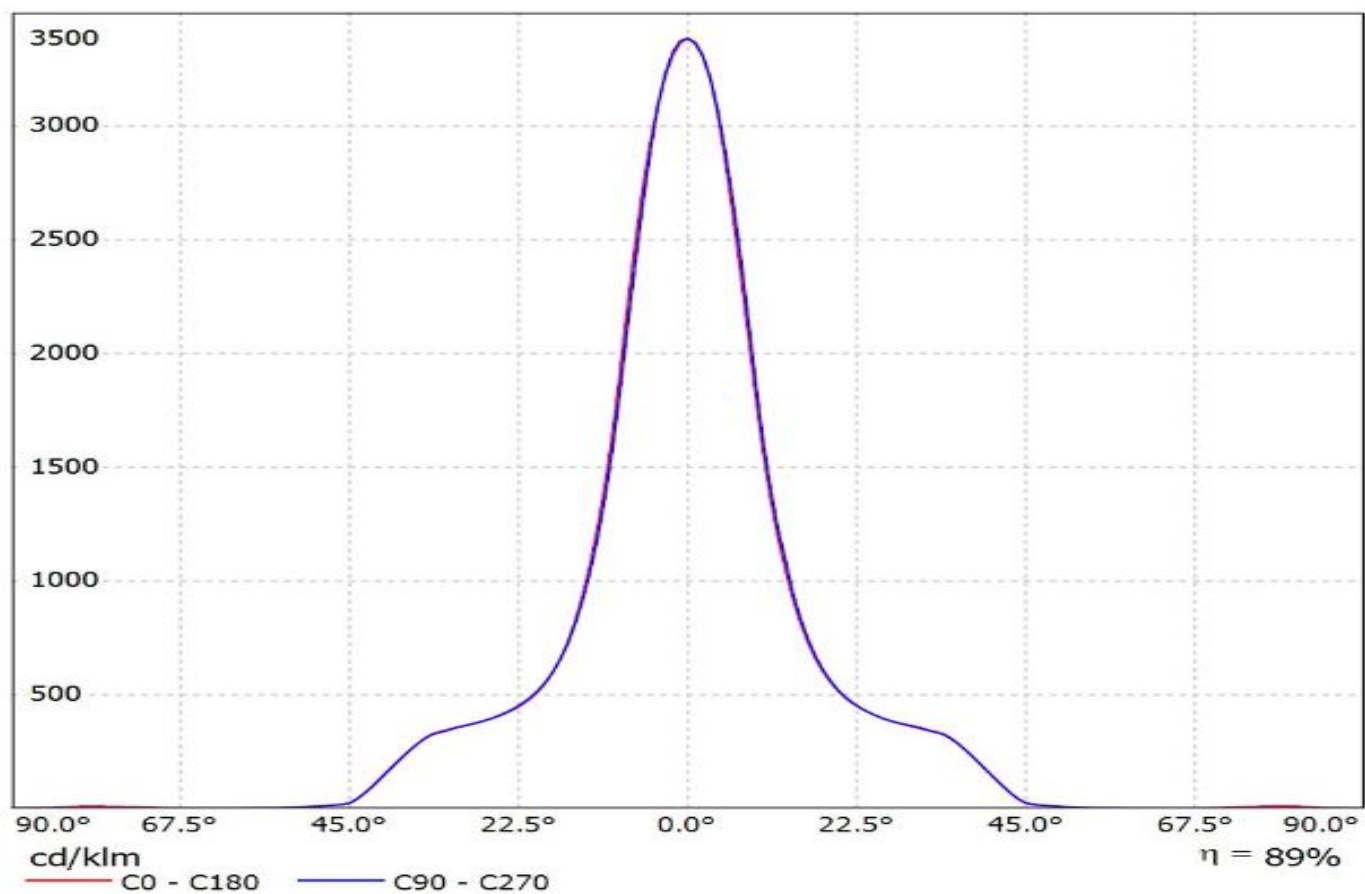


Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(V22+IDEAL)
Lamps: 1 x Bridgelux_V22_(BXRE30E6500H-Y2)_+50-2204CT_+_50-2100AN_1193.54lm@250mA_CCT=3000K_P=8.0988W_I=0.25A

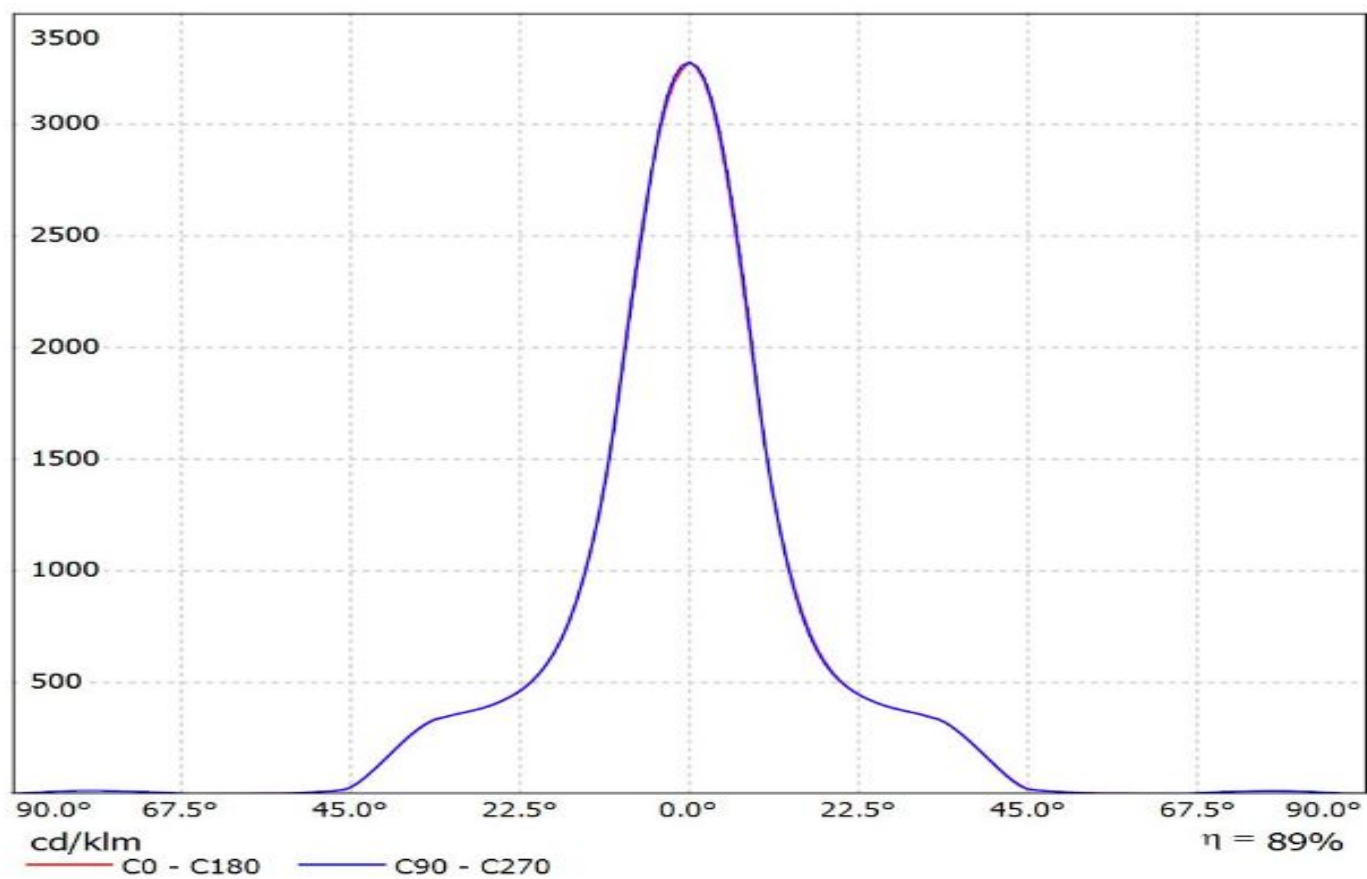


Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CLU046+IDEAL)

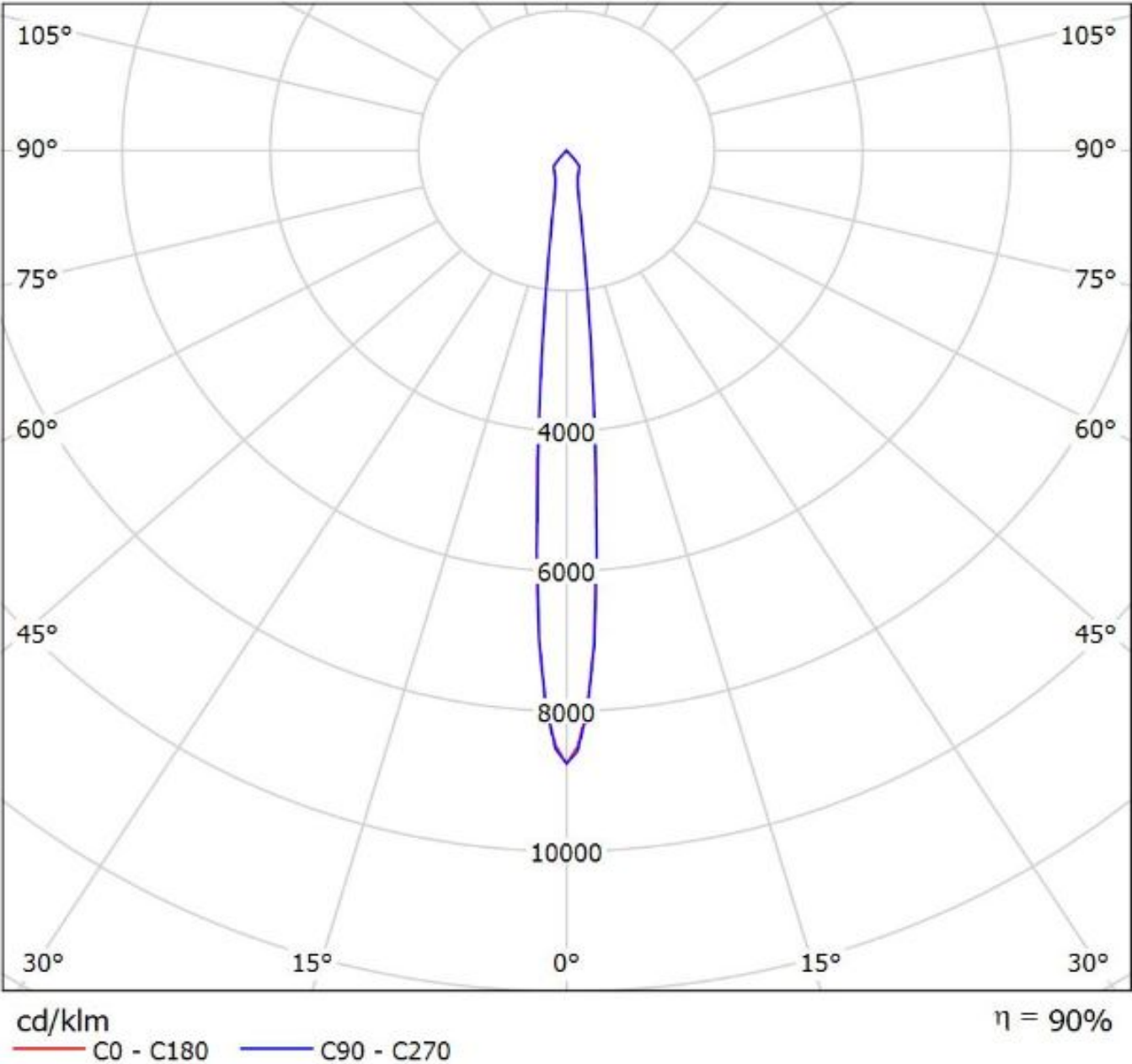
Lamps: 1 x Citizen_CLU046_(-1212C1-303M2G2)_1383.92lm@250mA_CCT=3000K_P=8.122W_I=0.25A



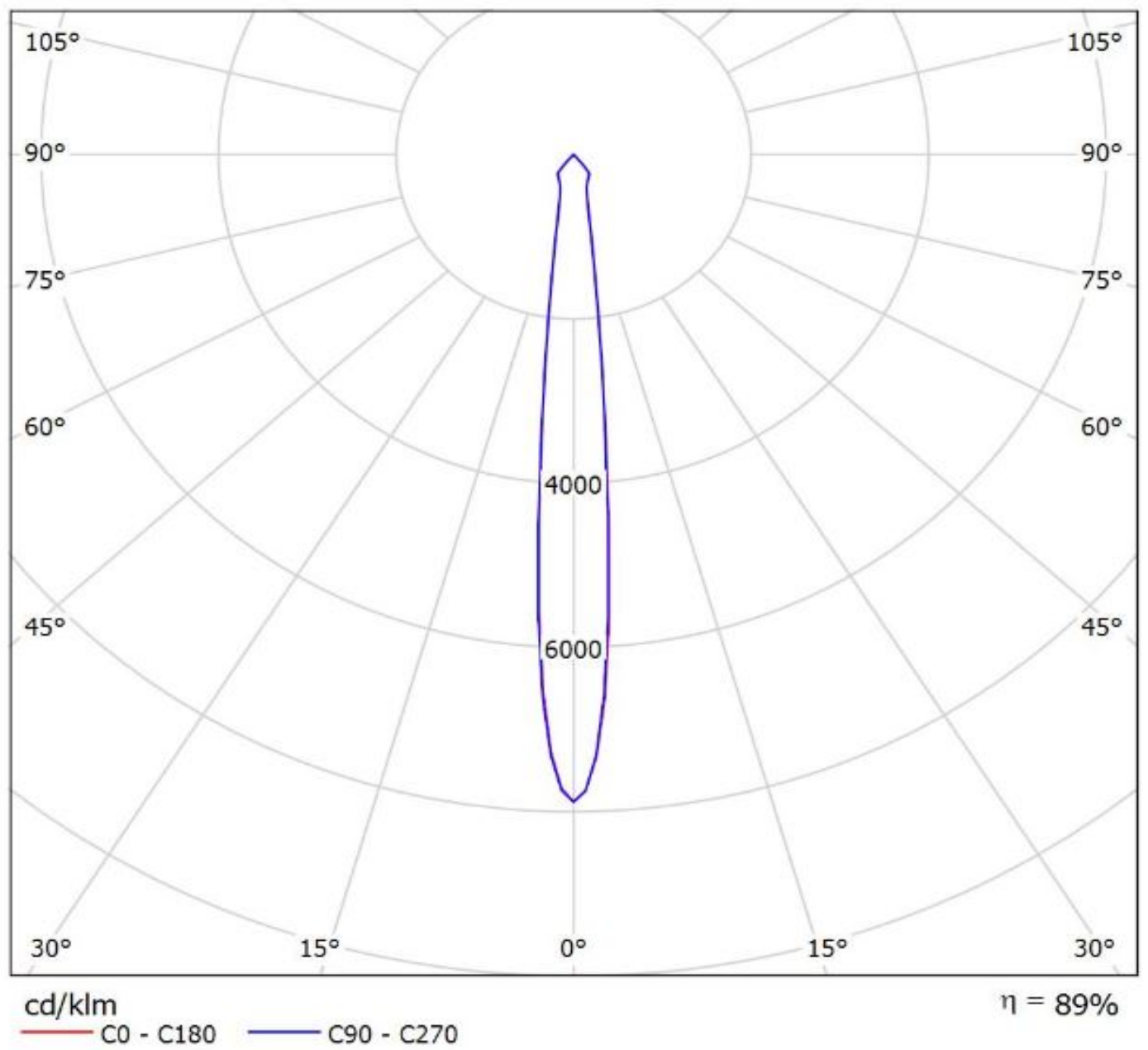
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CoB1216_IDEAL)
Lamps: 1 x Luxeon_CoB1216_(L2C2-40801216E2300)_+50-2204C_+_50-2100AN_1447.57lm@250mA_CCT=4000K_P=8.0135W_I=0.25A



Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(LC040C+TE)
Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W

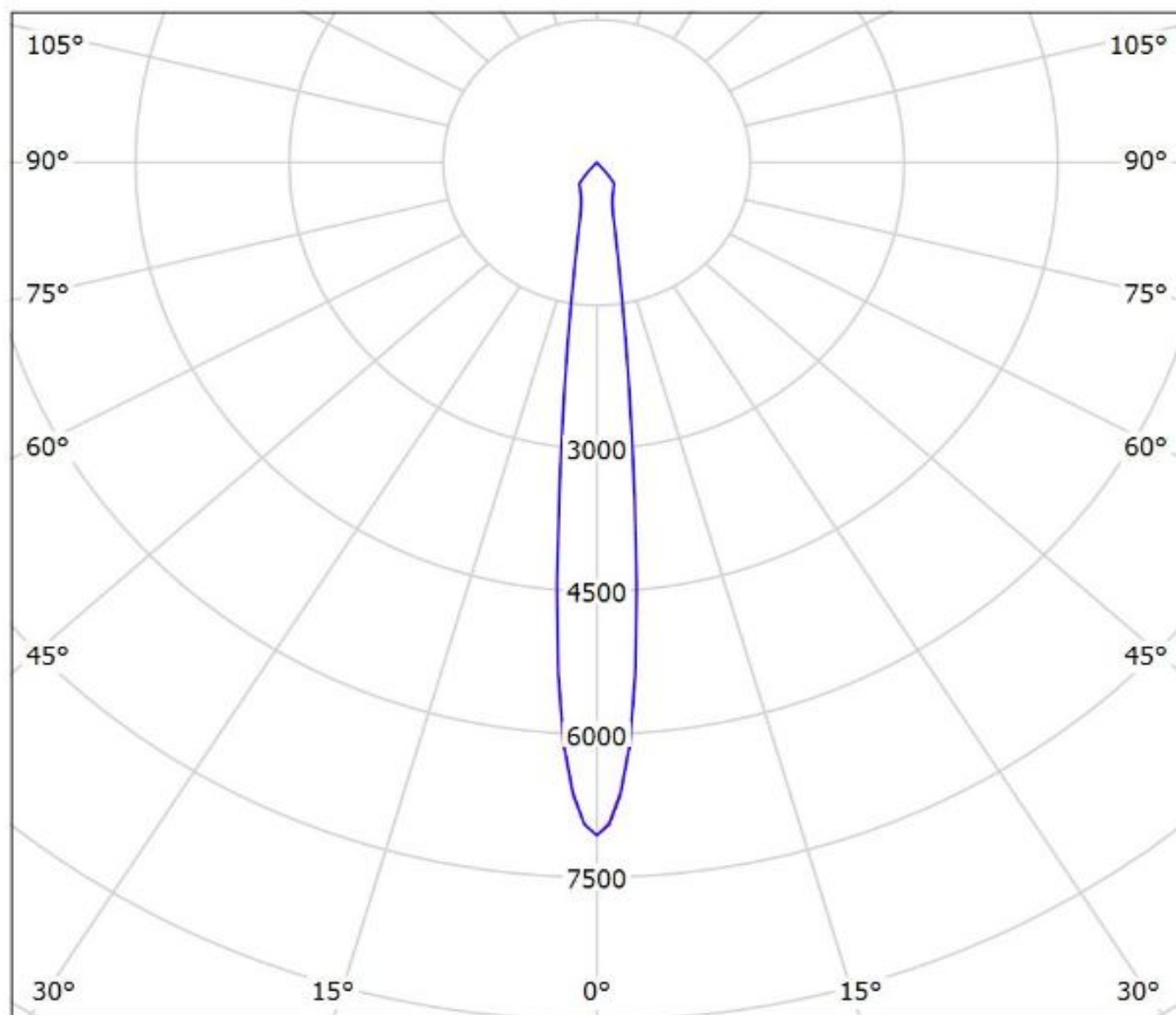


Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(S13_Gen2+TE)
Lamps: 1 x Soleriq_S13_Gen2+_2213254-2+_2213194-1_1309.23lm@250mA_P=8.7840W_I=0.250A



Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(WU-M-484+TE)

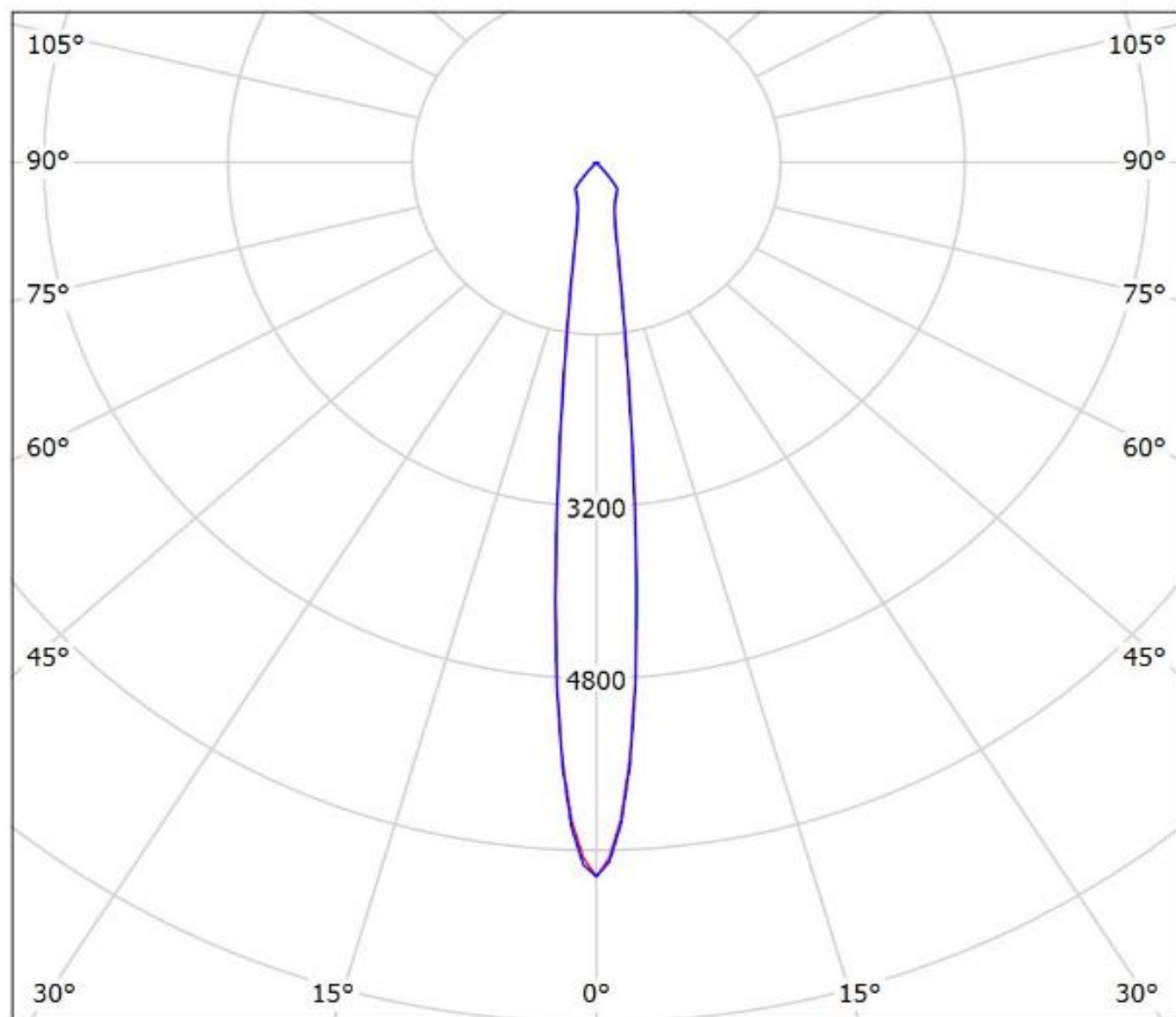
Lamps: 1 x Vossloh_Schwabe_WU-M-484-830_681.21lm@250mA_P=5.6195W_I=0.25A



$\eta = 89\%$

Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CLU730+IDEAL)

Lamps: 1 x Citizen_CLU730_(-1210B8-273M2G1)_IDEAL_50-2204C+50-2100AN



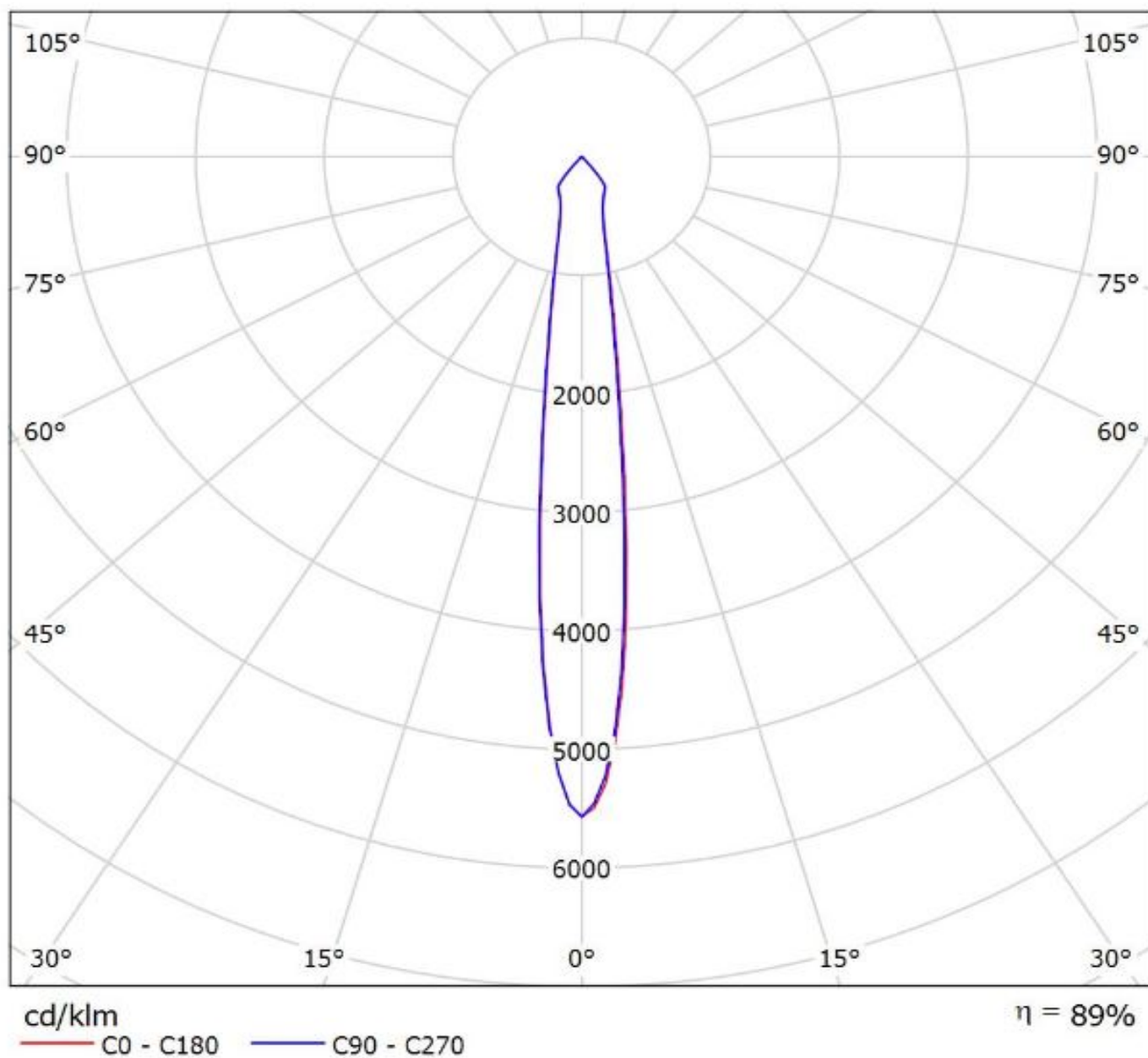
cd/klm

— C0 - C180

— C90 - C270

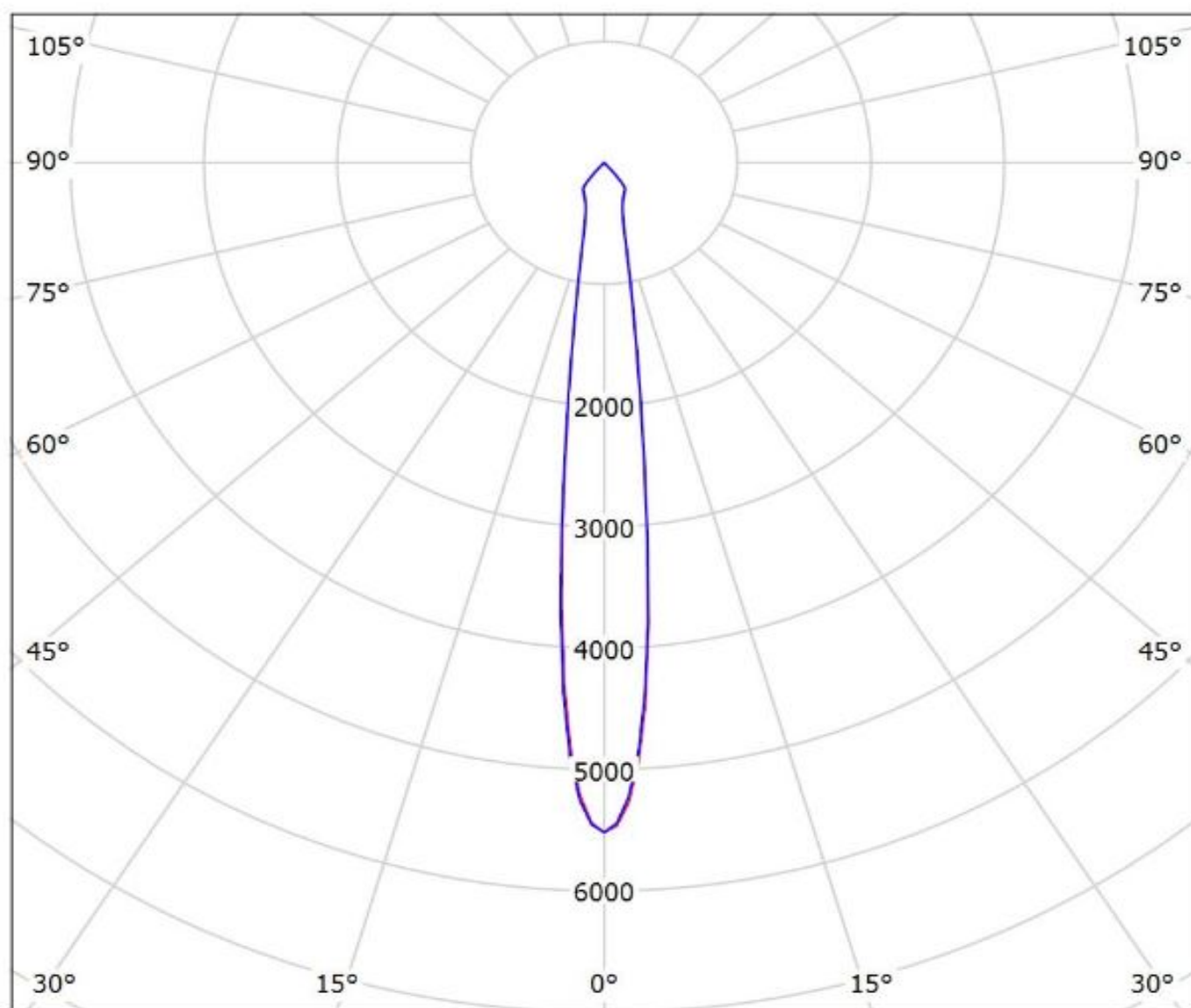
$\eta = 89\%$

Luminaire: Ledil F14619_ANGELETTE-S-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 F14619_ANGELETTE-S-PLAIN_(CoB1208+TE)

Lamps: 1 x Luxeon_CoB1208_+ 2213130-2_+ 2213194-
1_1062.11lm@250mA_CCT=3000K_P=8.3007W_I=0.25A



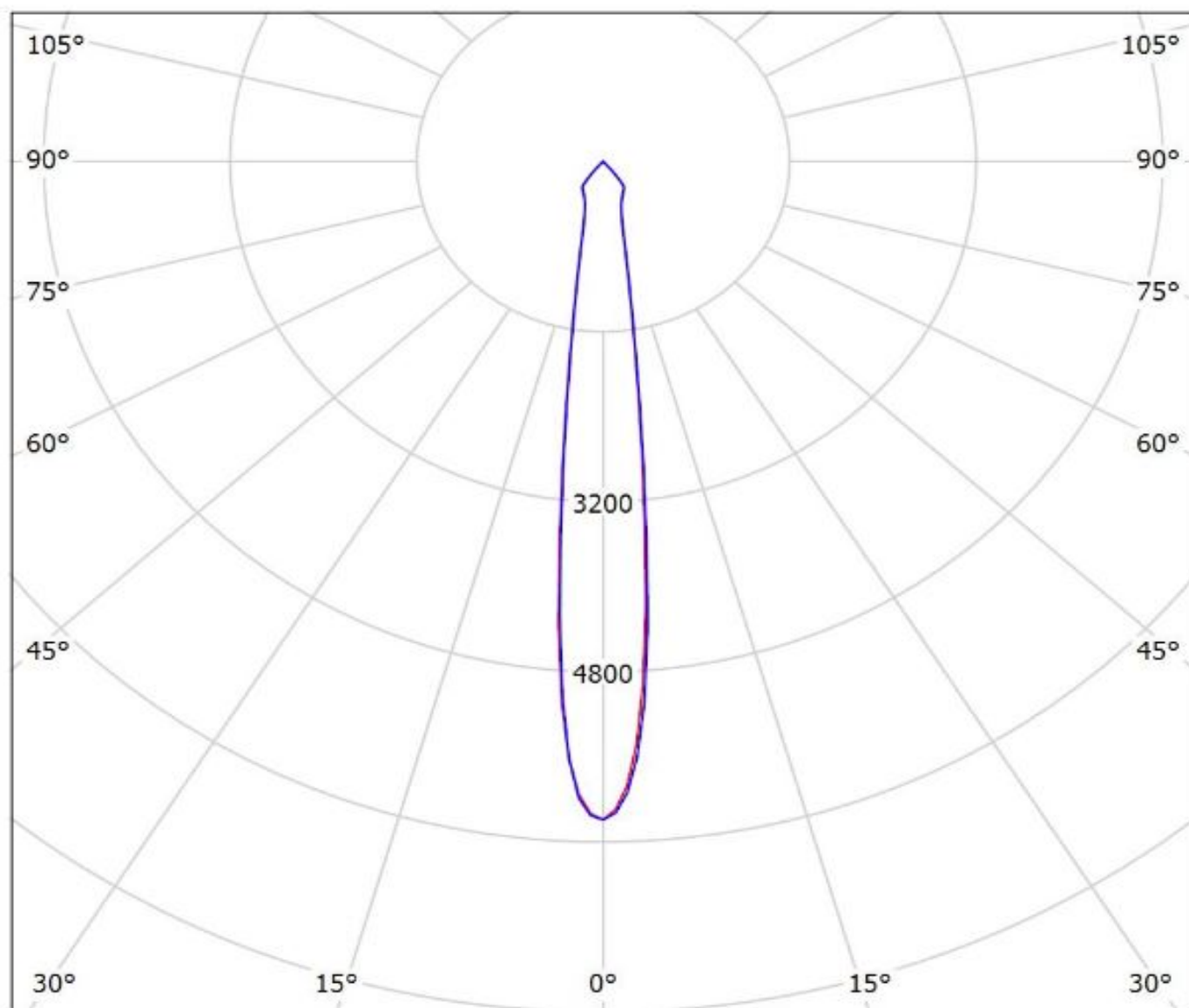
cd/klm

— C0 - C180

— C90 - C270

$\eta = 79\%$

Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CLU038+TE)
Lamps: 1 x Citizen_CLU038_(-1205C4-273MZK1)_+2213254-2_+2213194-
1_1351.18lm@250mA_P=8.4078W_I=0.25A



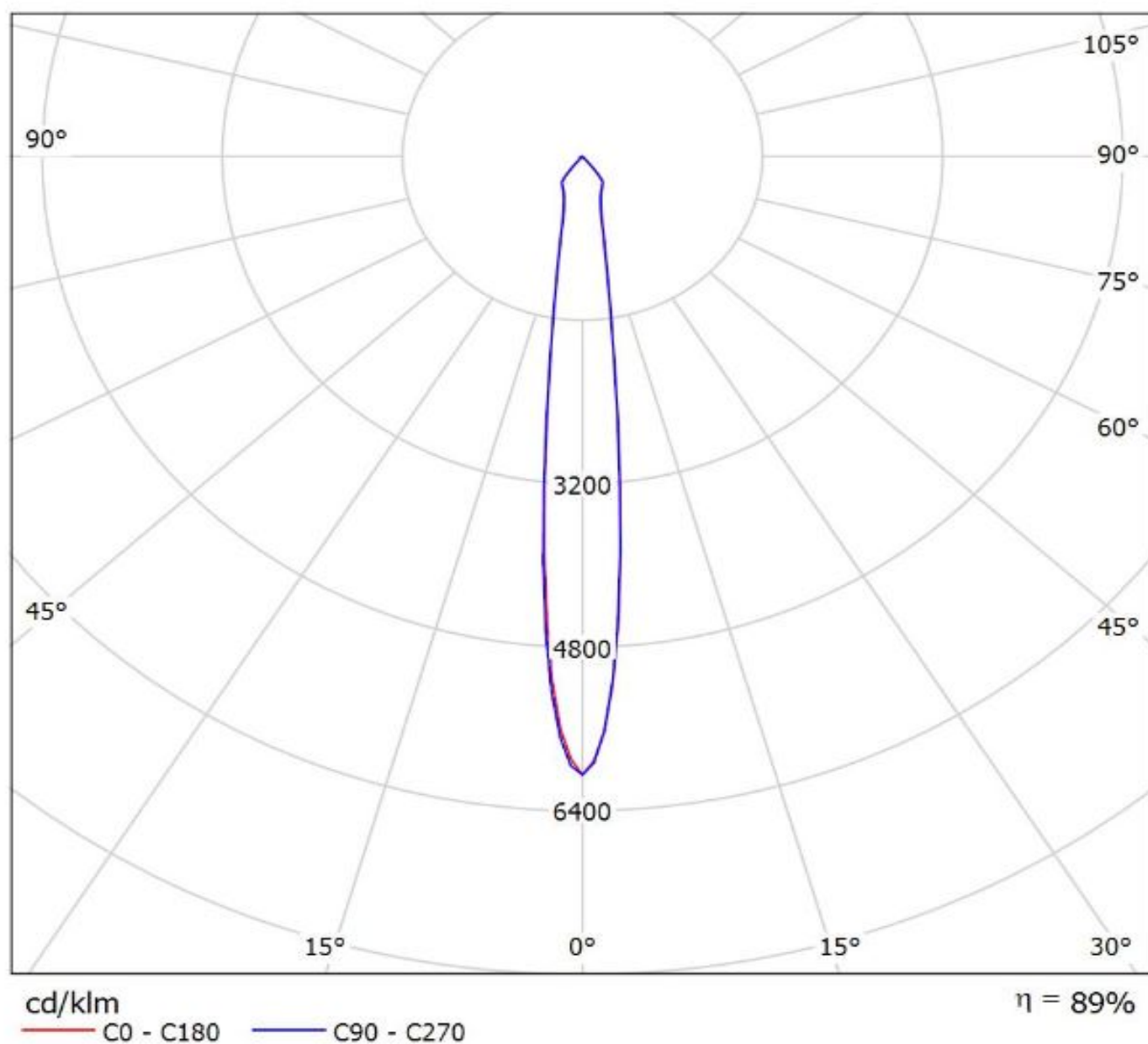
cd/klm

— C0 - C180

— C90 - C270

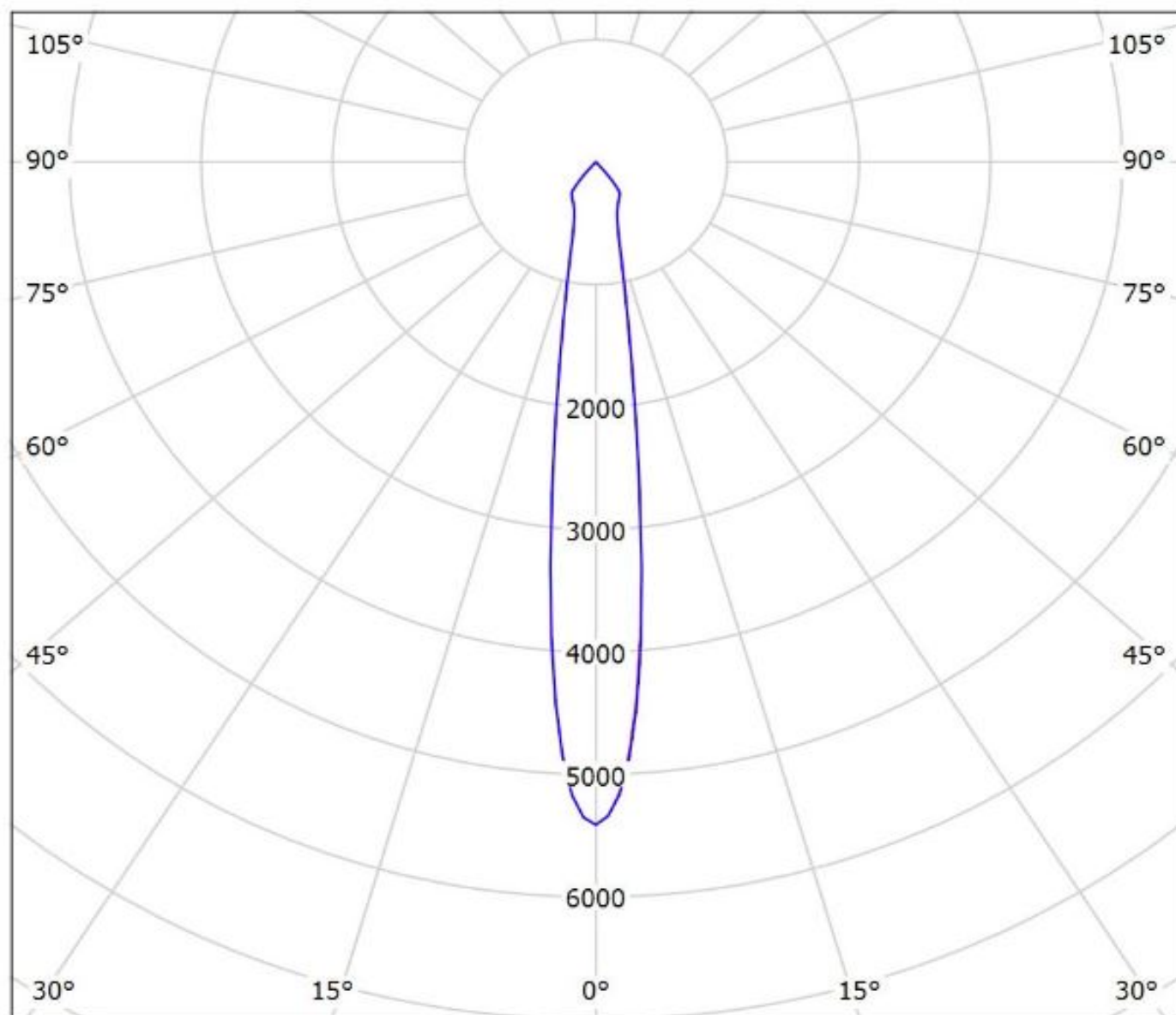
$\eta = 90\%$

Luminaire: Ledil F14619_ANGELETTE-S-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



Lamps: 1 x PREVALED_Core_Z4_LES19_1470.62lm@250mA_P=10.828W_I=0.25A

Lamps: 1 x PREVALED_Core_Z4_LES19_1470.62lm@250mA_P=10.828W_I=0.25A



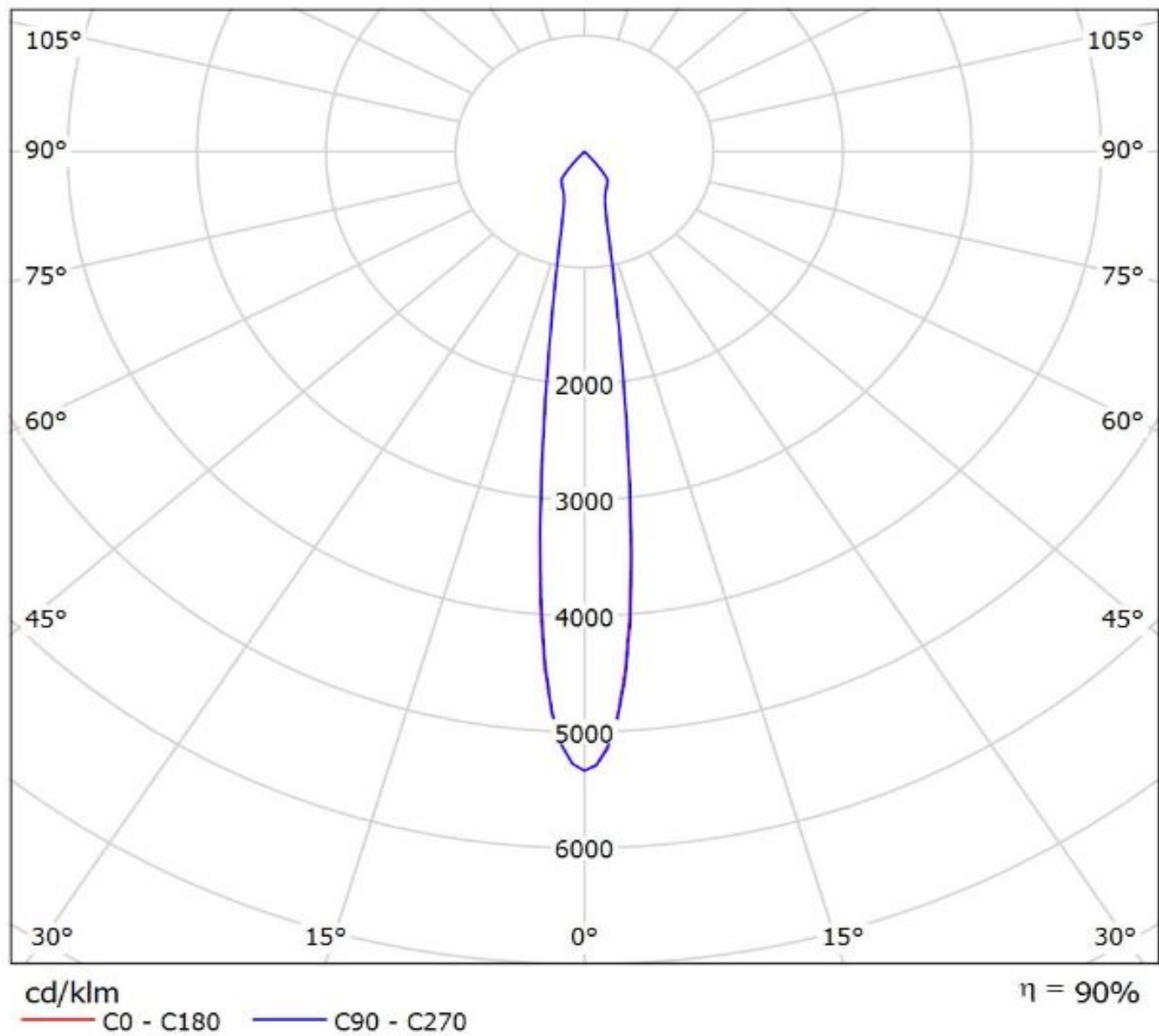
cd/klm

— C0 - C180

— C90 - C270

 $\eta = 90\%$

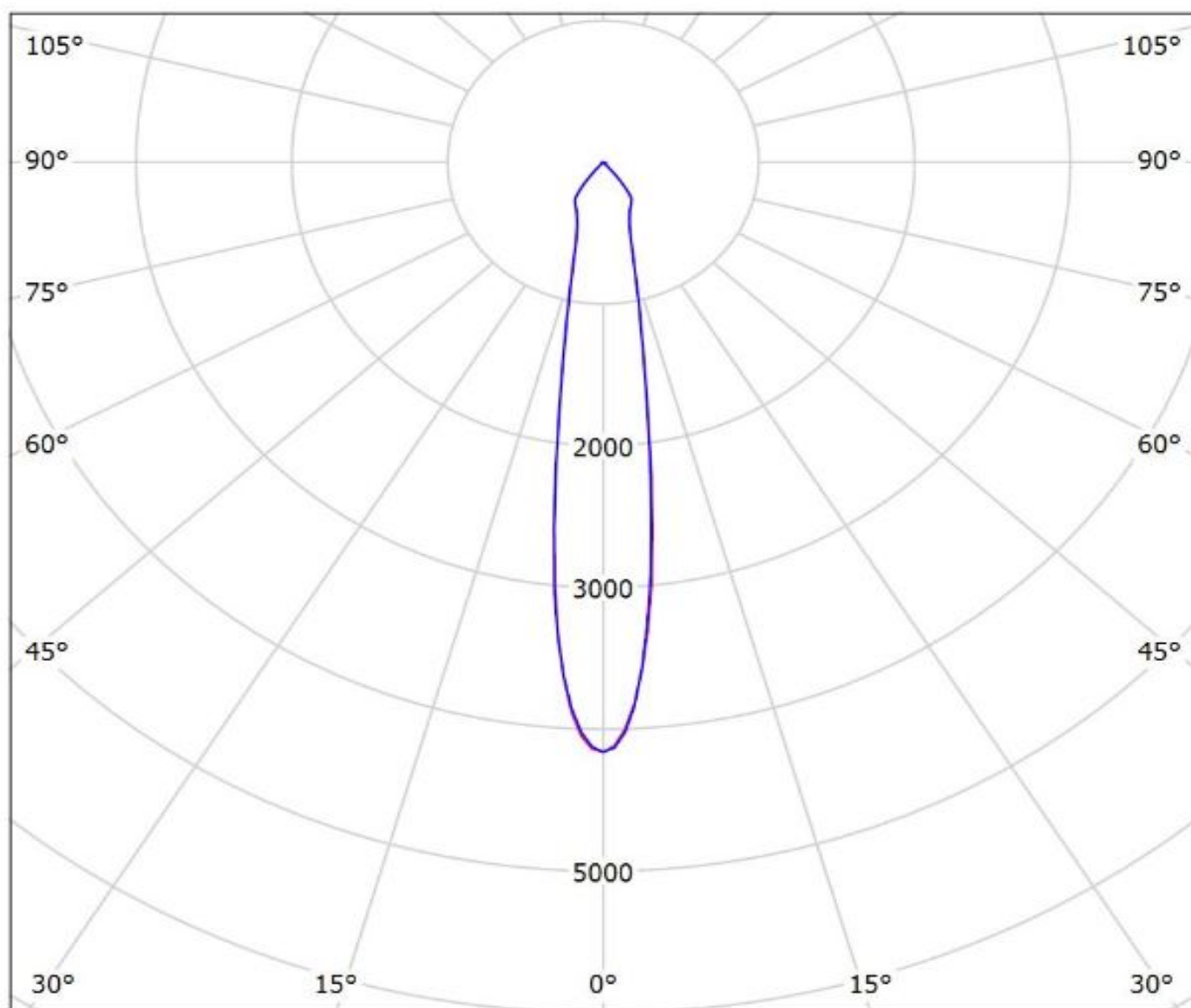
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(S19+TE)
Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_+2213407-2+2213194-
1_1546.1lm@250mA_CCT=3000K_P=11.021W_I=0.25A



Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CoB1211+IDEAL)

Lamps: 1 x Luxeon_CoB1211_(L2C2-4080)_50-2204CT+50-

2100AN_1376.18lm@250mA_P=7.9988W_I=0.25A

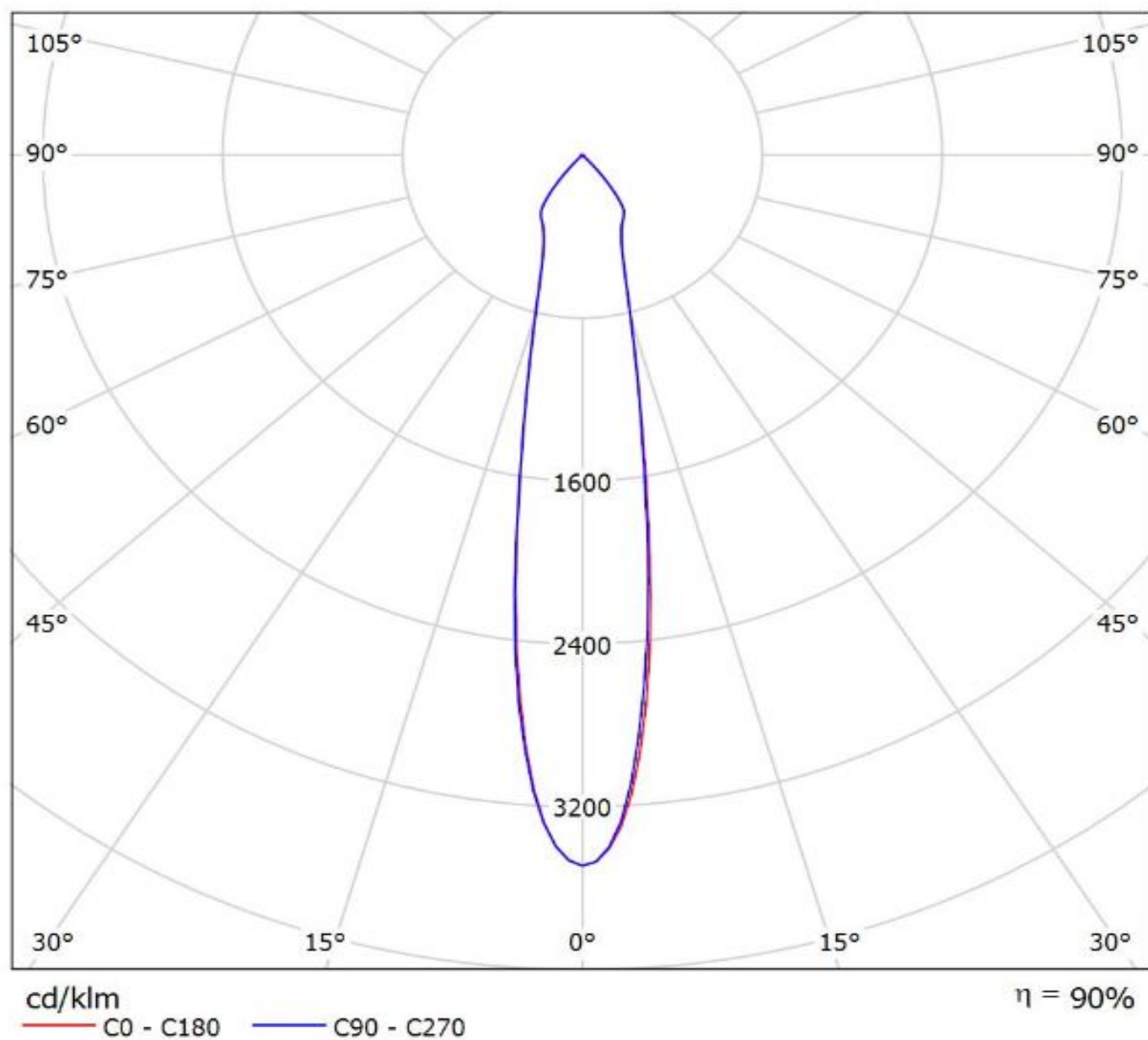


cd/klm

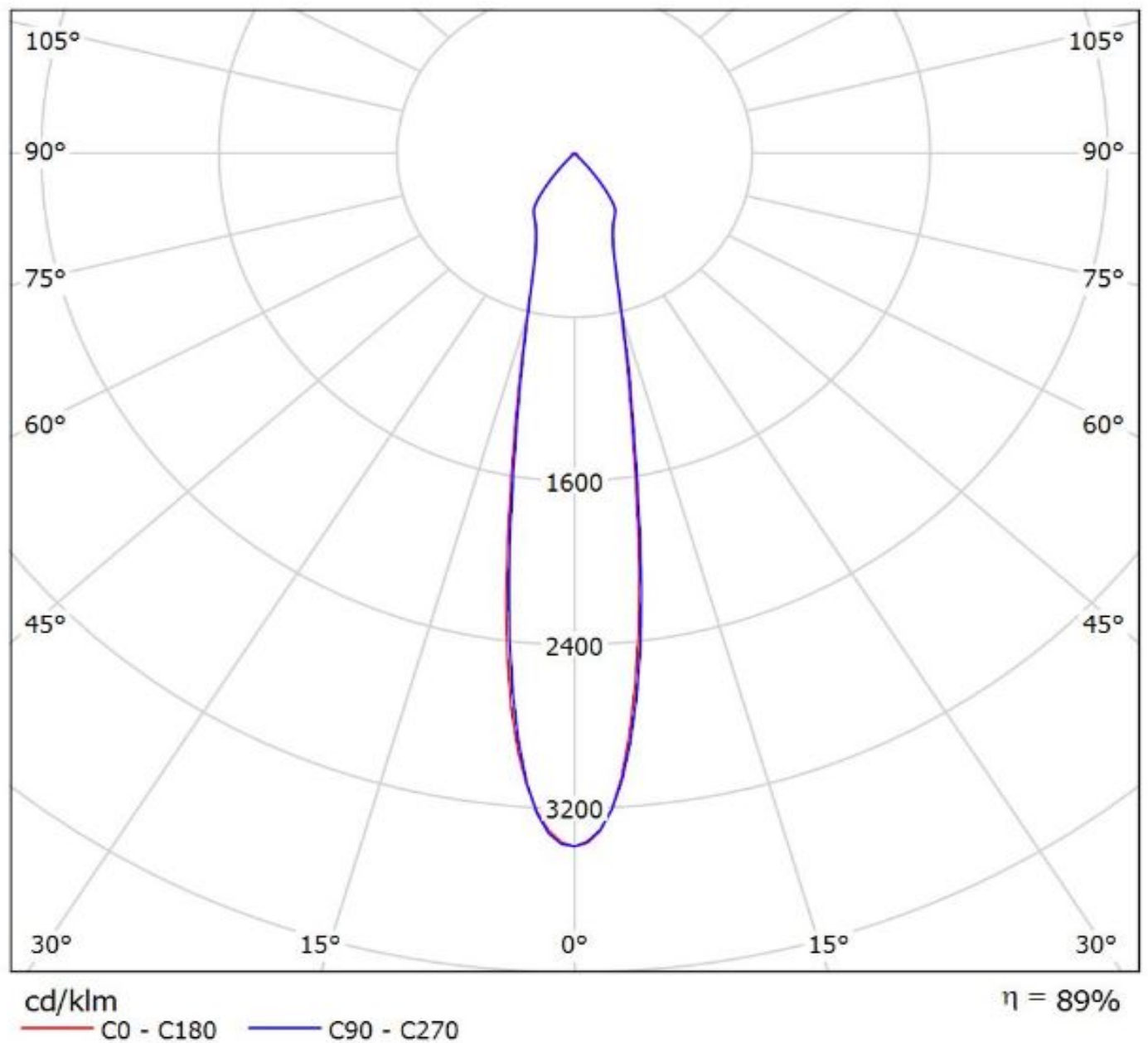
— C0 - C180 — C90 - C270

$\eta = 89\%$

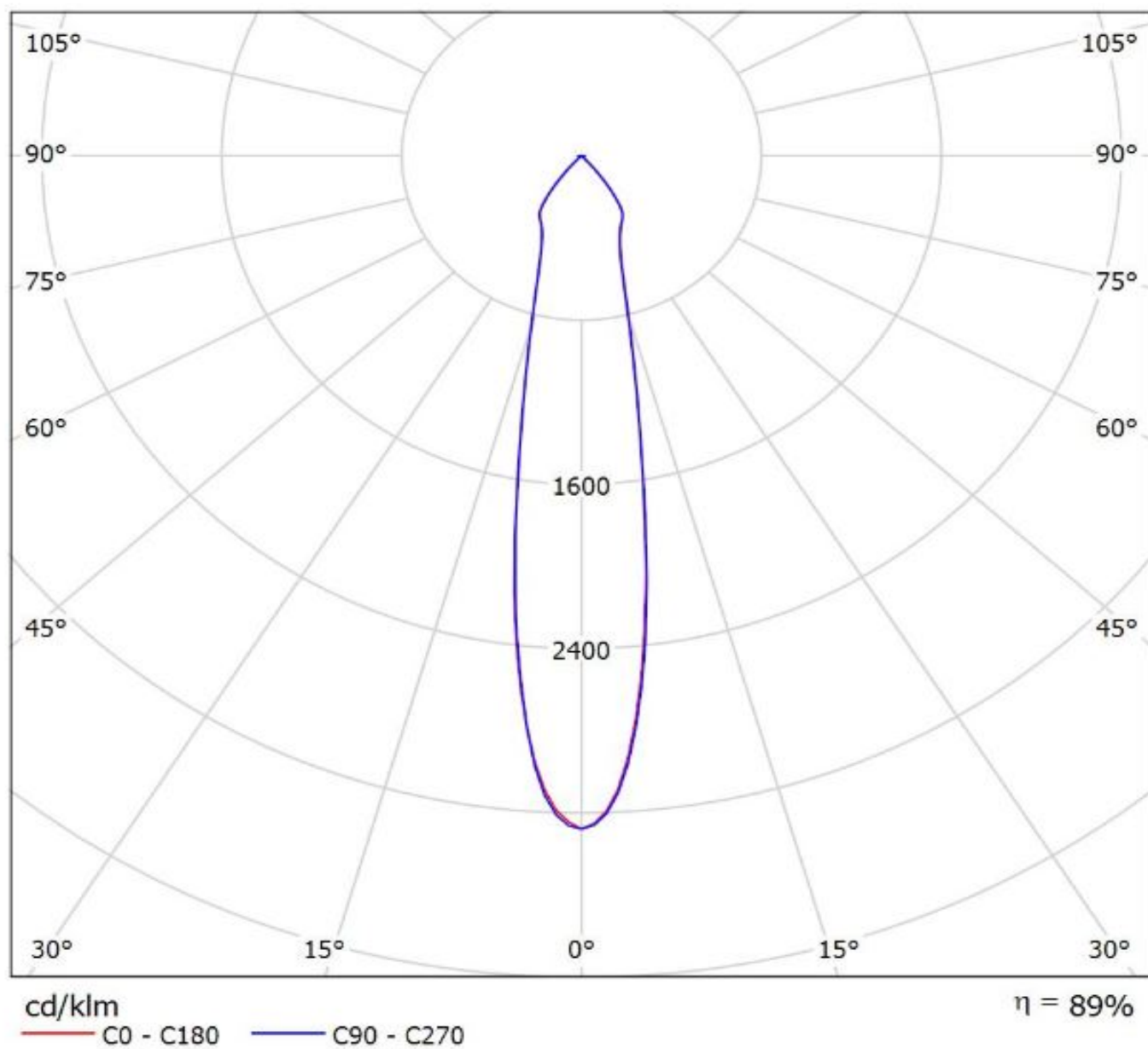
Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(V22+IDEAL)
Lamps: 1 x Bridgelux_V22_(BXRE30E6500H-Y2)_+50-2204CT_+_50-
2100AN_1193.54lm@250mA_CCT=3000K_P=8.0988W_I=0.25A



Luminaire: Ledil F14619_ANGELETTE-S-PLAIN_(CLU046+IDEAL)
Lamps: 1 x Citizen_CLU046_(-1212C1-303M2G2)_1383.92lm@250mA_CCT=3000K_P=8.122W_I=0.25A



Luminaire: Ledil F14619_ANGELETTE-S-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



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.