

DETAILS

Product Number	FN14637_OLIVIA-S
Family	Olivia
Type	Assembly
Color	clear
Diameter	70 mm
Height	22,6 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	ready
ROHS Compliant	Yes
Date Updated	21/05/2015



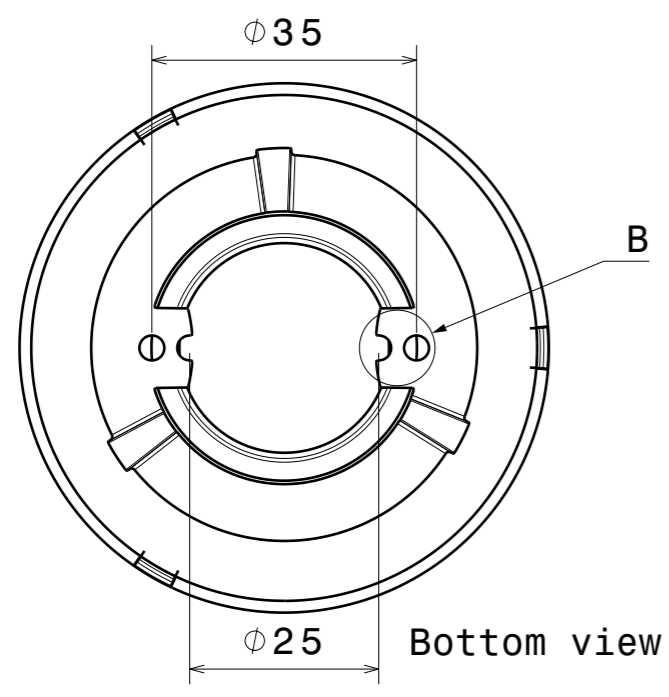
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Mega Zenigata (GW6DME)	sim: 29	Spot	sim: 77 %	sim: 2.400	Bender Wirth: 432 Typ Z1
CLL03x/CLU034	sim: 23	Spot	sim: 81 %	sim: 3.840	BJB: Solderless Connector 47.319.2021
LUXEON CoB 1204/1205	sim: 23	Spot	sim: 72 %	sim: 3.530	TE: part nr. 2213130-2
CLU700	19 deg	Spot	74 %	4.400	BJB: Solderless Connector 47.319.6060
CLU720	20 deg	Spot	76 %	3.600	A.A.G. STUCCHI: 8101/G2
CLU720	20 deg	Spot	74 %	3.300	TE: part nr. 2213254-2
CLU720	21 deg	Spot	74 %	3.200	BJB: Solderless Connector 47.319.2021
CXA/B 1816 & CXA/B 1820 & CXA 1850	21 deg	Spot	76 %	3.300	BJB: Solderless Connector 47.319.2131
LUXEON CoB 1204/1205	23 deg	Spot	76 %	2.800	A.A.G. STUCCHI: 8301/G2
CLL03x/CLU034	23 deg	Spot	76 %	2.700	A.A.G. STUCCHI: 8101/G2
LUXEON CoB 1204/1205	26 deg	Spot	77 %	3.100	Bender Wirth: 432 Typ Z1
CLL03x/CLU034	26 deg	Spot	76 %	2.400	A.A.G. STUCCHI: 8101/G2
LUXEON CoB 1208	29 deg	Spot	77 %	2.400	Bender Wirth: 432 Typ Z1
CXA/B 25xx	29 deg	Spot	74 %	1.700	BJB: Solderless Connector 47.319.2040
CXA/B 25xx	29 deg	Spot	73 %	1.600	TE: part nr. 2213407-2
CXA/B 25xx	29 deg	Spot	74 %	1.700	A.A.G. STUCCHI: 8401/G2
V15	32 deg	Spot	79 %	2.200	-
V18	37 deg	Spot	78 %	1.700	-

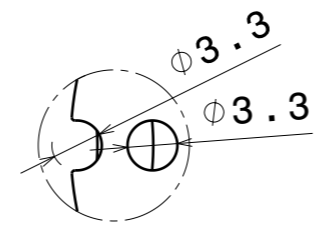
H G F E D C B A

4

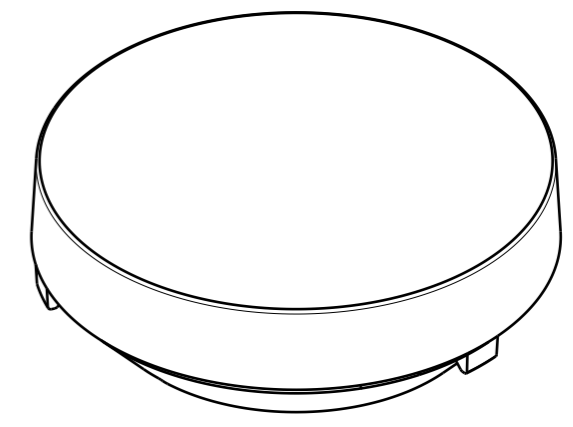
4



Bottom view



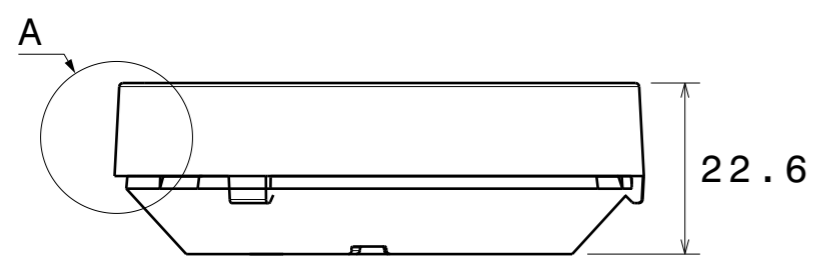
Detail B



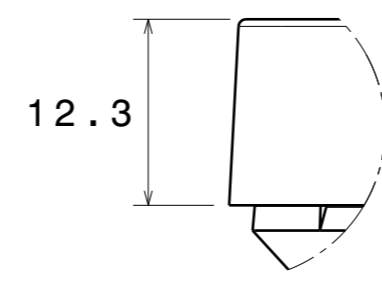
Isometric view

3

3



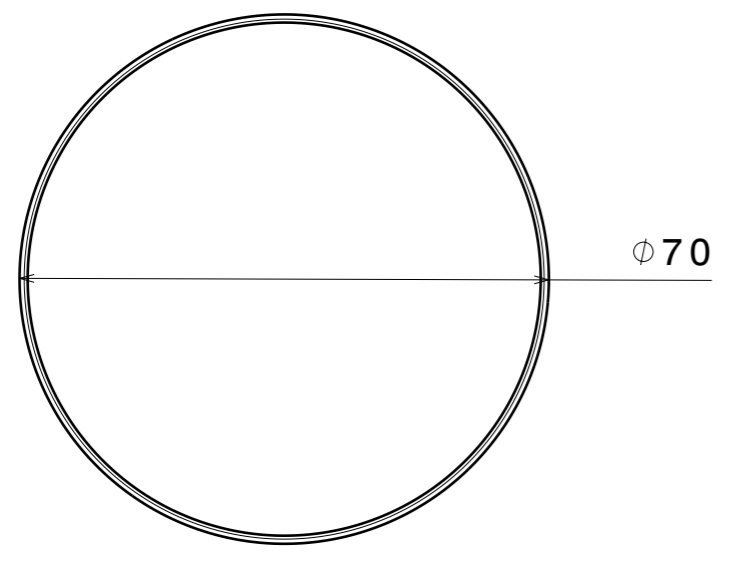
Front view



Detail A

2

2



Top view

1

1

H G F E D C B A

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 OLIVIA-S

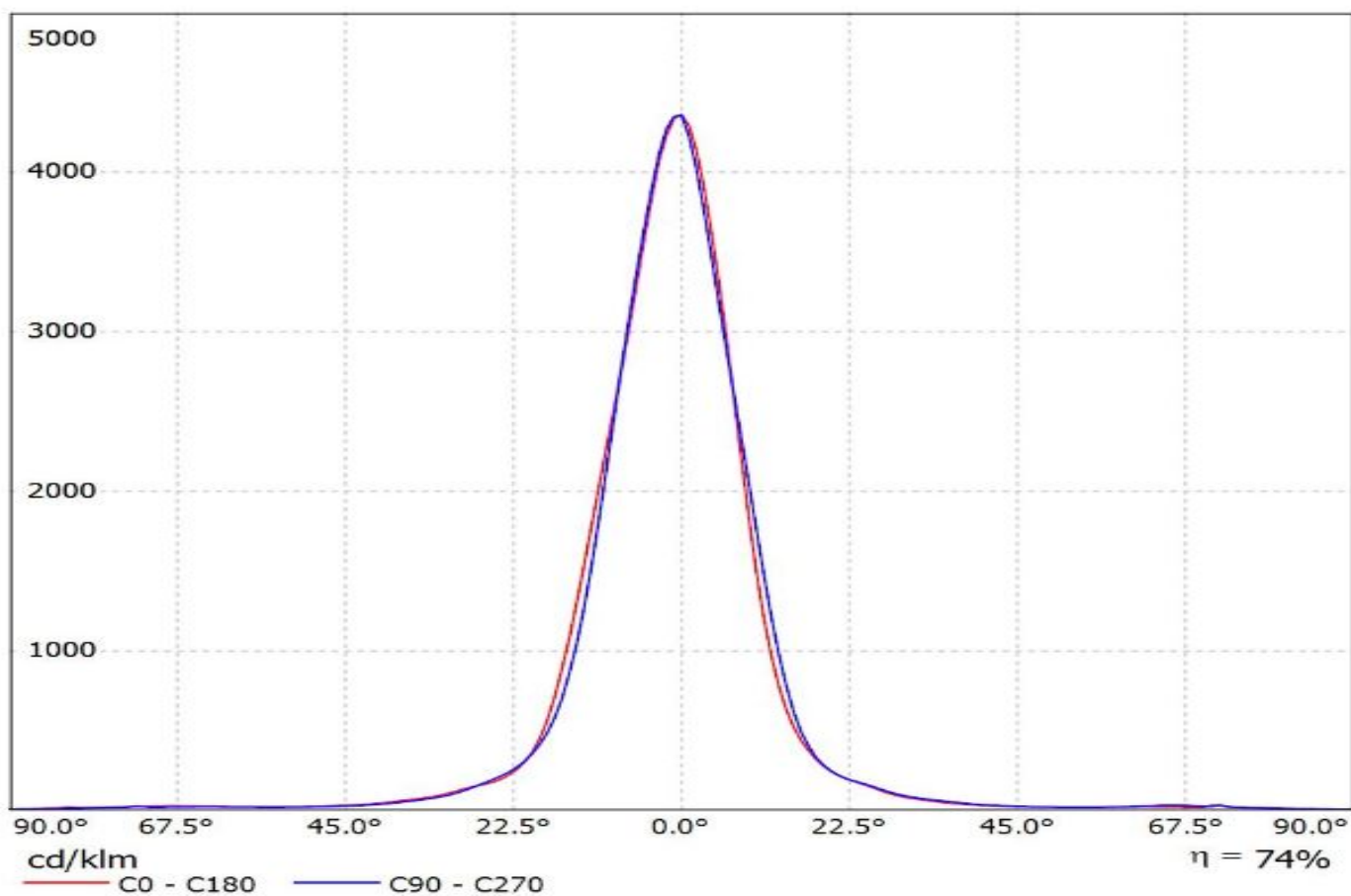
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE	PART NUMBER		
A3			

SCALE	1:1	WEIGHT	-	SHEET	1/1
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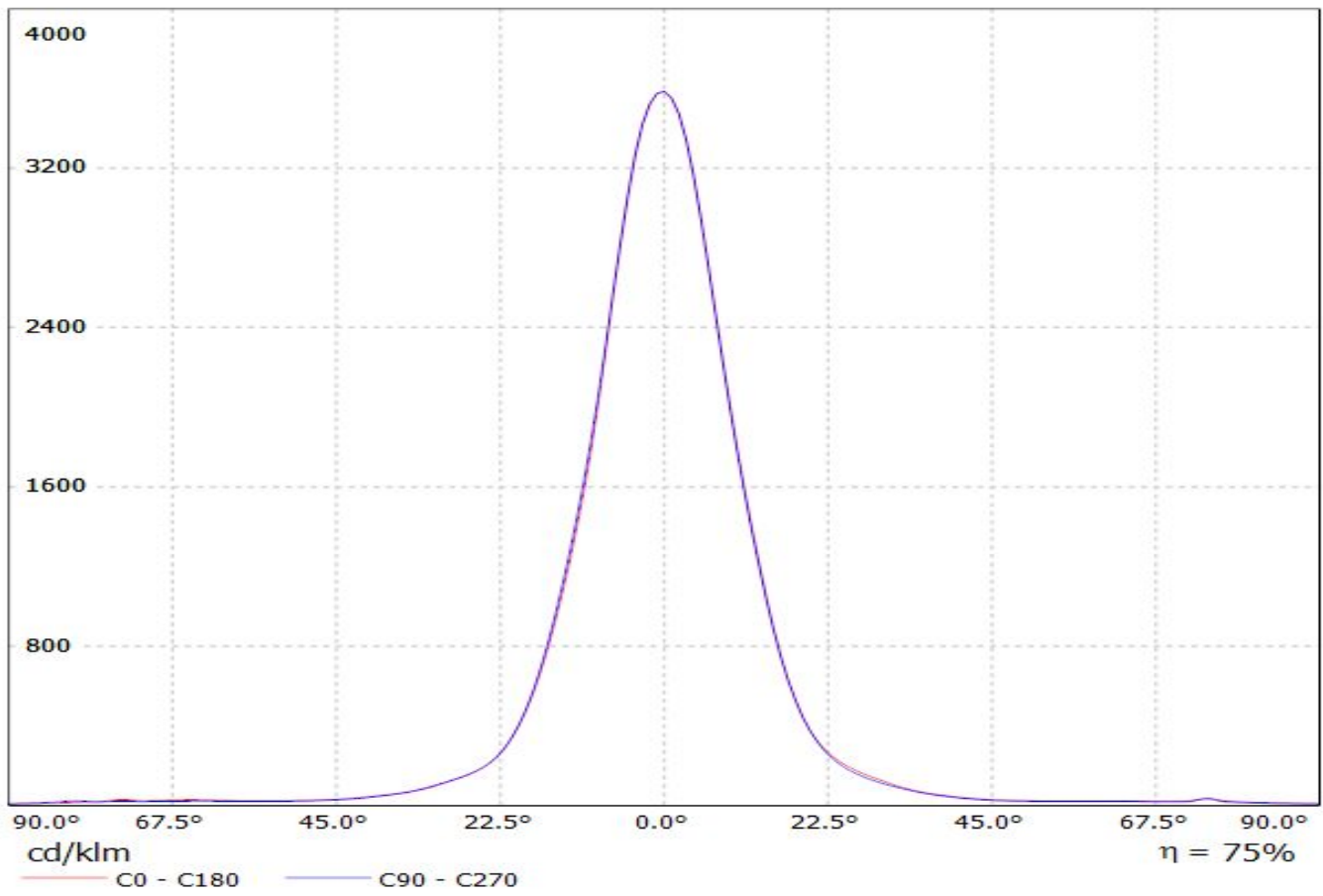
Luminaire: Ledil FN14637_OLIVIA-S_(CLU700)

Lamps: 1 x Citizen_CLU700_(BJB_47_319_6060)_381.885lm@100mA_P=2.8W_I=0.1A



Luminaire: LEDiL Oy FN14637_OLIVIA-S_(CLU720)

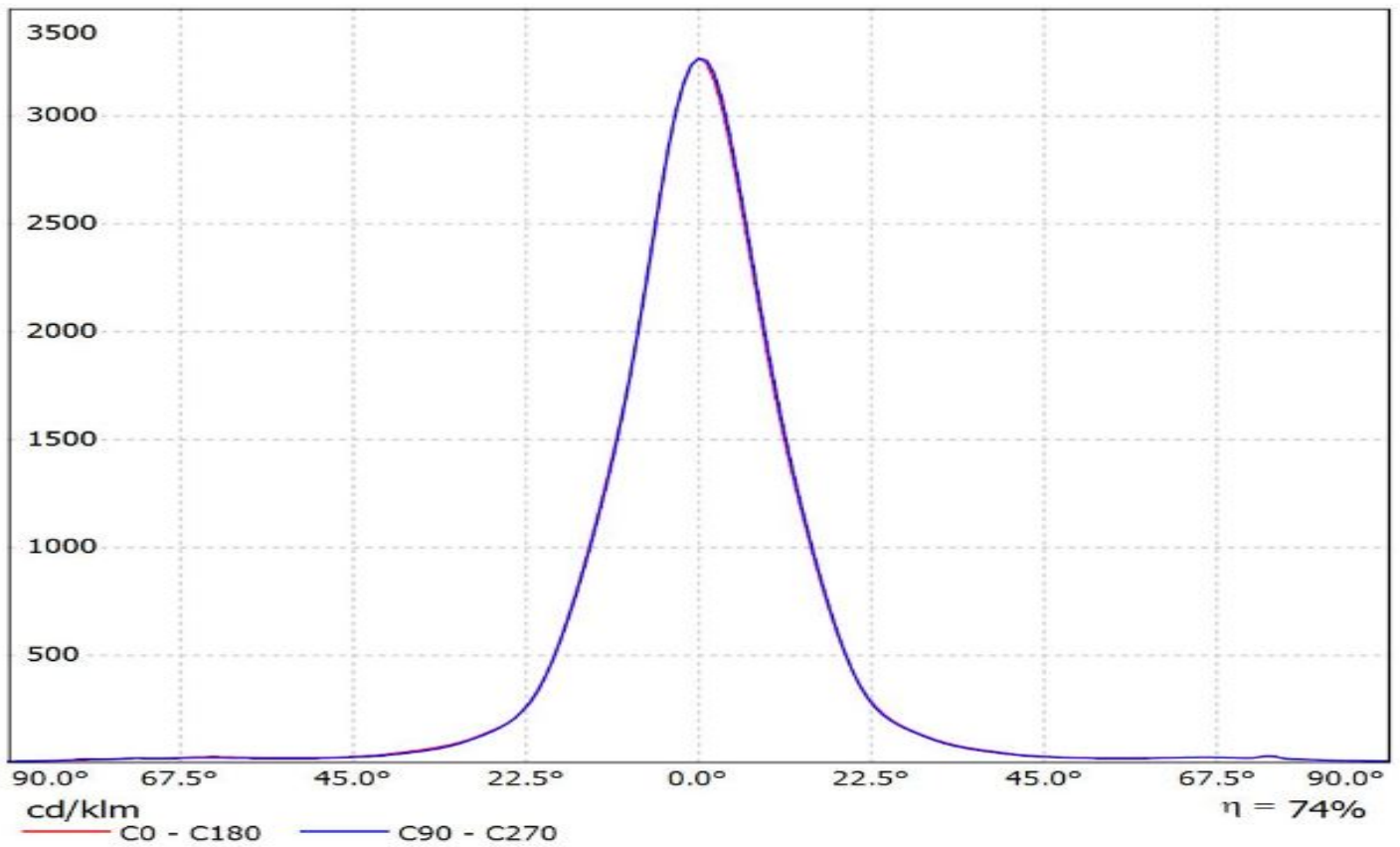
Lamps: 1 x Citizen_CLU720_(STUCCHI: 8101/G2)_1210.54lm@250mA_P=8.30043W_I=0.2499A



Ledil FN14637_OLIVIA-S_(CLU720) / LDC (Linear)

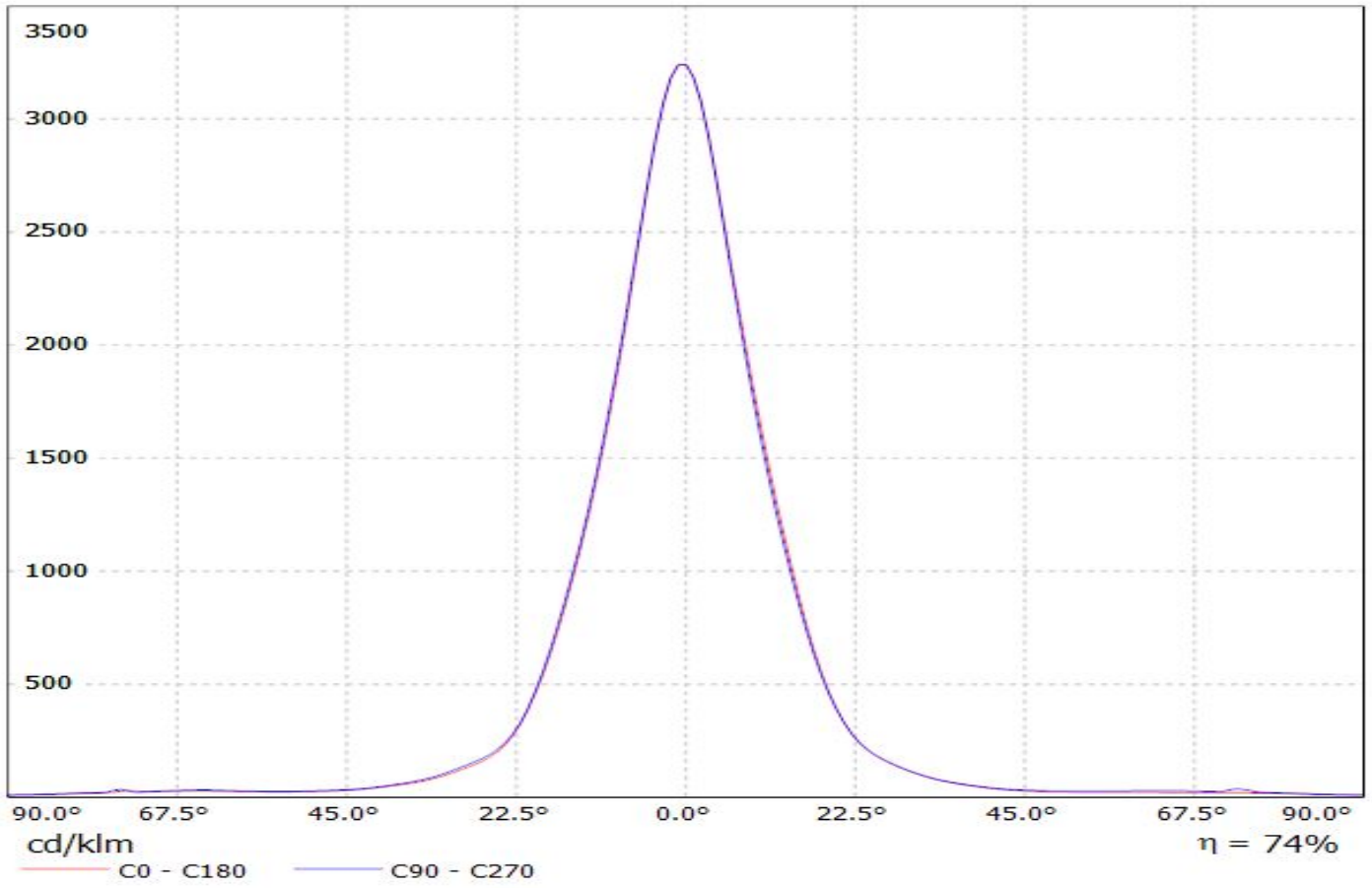
Luminaire: Ledil FN14637_OLIVIA-S_(CLU720)

Lamps: 1 x Citizen_CLU720_(CLU720-1206B8-273M2G1)_1243.26lm@250mA_P=8.3W_I=0.25A



Luminaire: LEDiL Oy FN14637_OLIVIA-S_(CLU720)

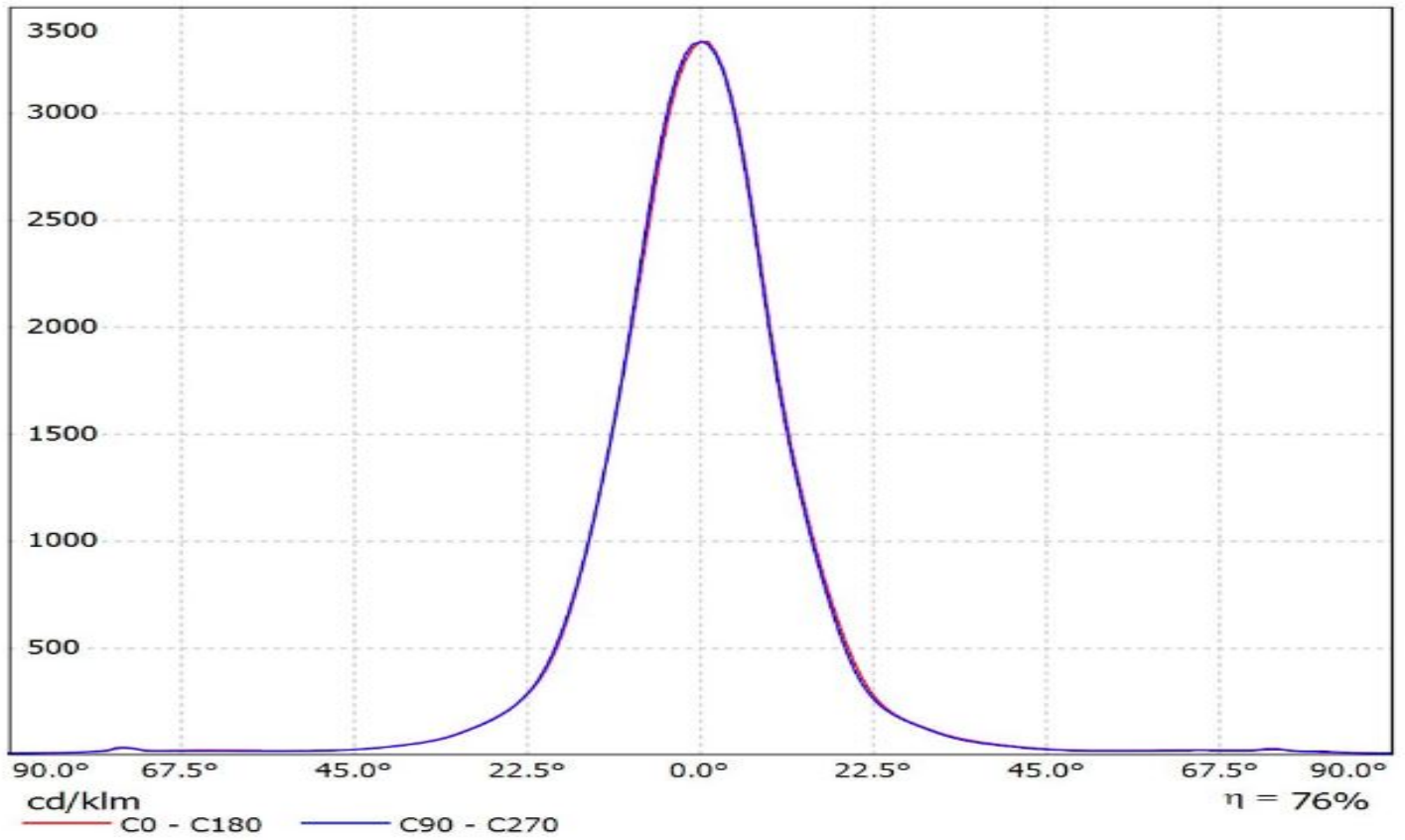
Lamps: 1 x Citizen_CLU720_((BJB: 47.319.2021))_1204.03lm@250mA_P=8.29993W_I=0.2499A



Ledil FN14637_OLIVIA-S_(CXA1816) / LDC (Linear)

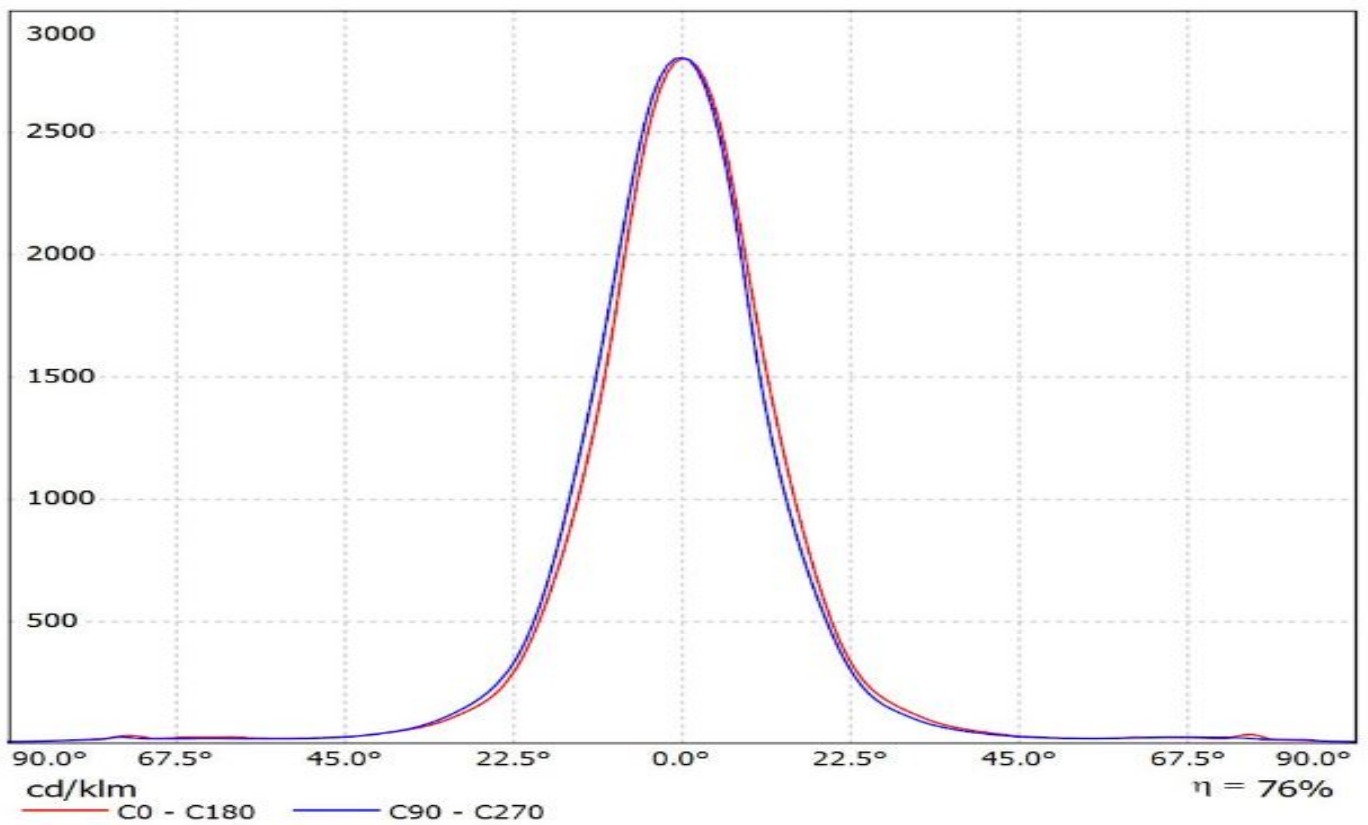
Luminaire: Ledil FN14637_OLIVIA-S_(CXA1816)

Lamps: 1 x CREE_CXA1816_(CXA1816-30F-P2-N0H-00001)_1125.92lm@250mA_P=8.7W_I=0.25A



Ledil FN14637_OLIVIA-S_(COB1205+STUCCHI) / LDC (Linear)

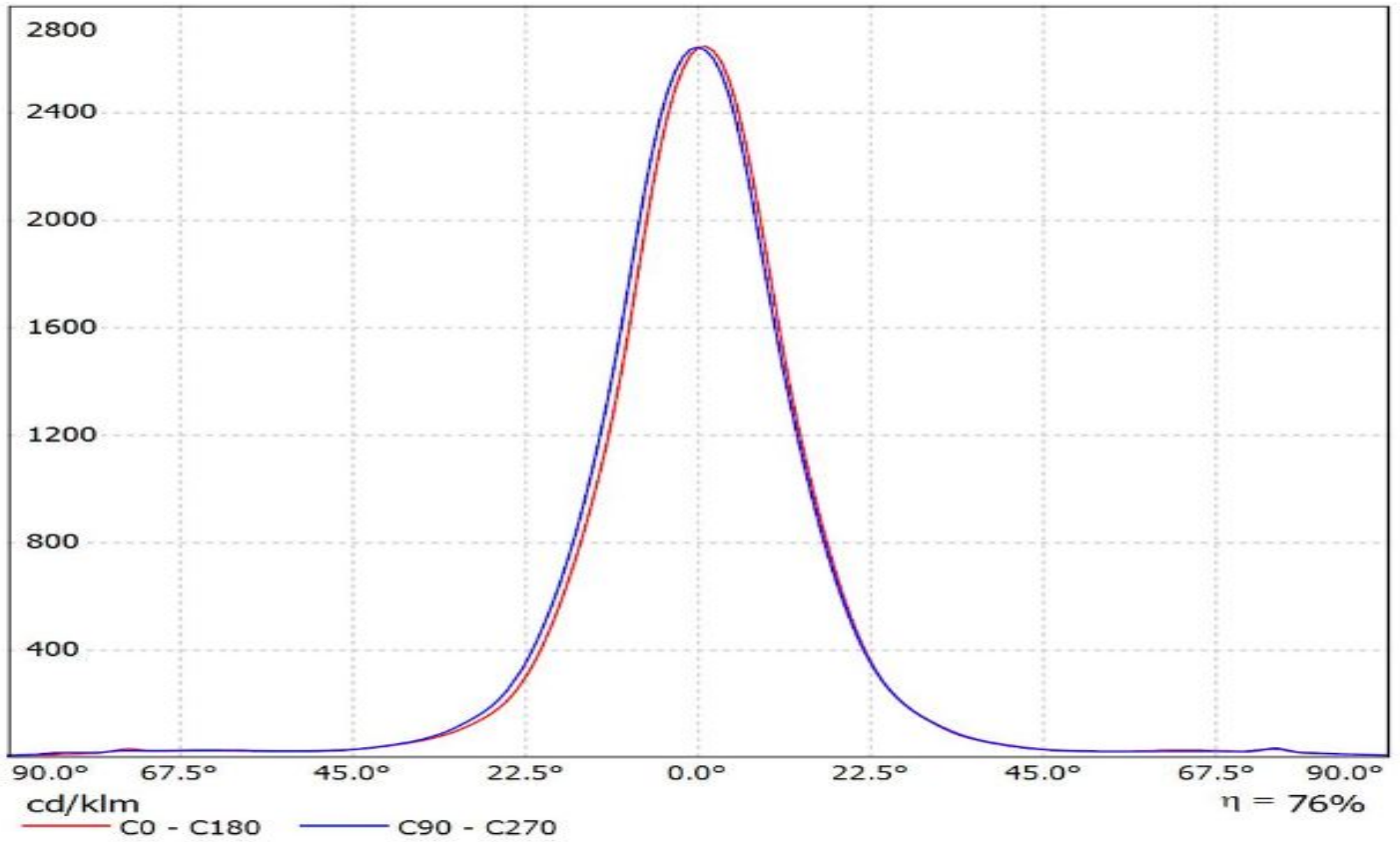
Luminaire: Ledil FN14637_OLIVIA-S_(COB1205+STUCCHI)
Lamps: 1 x LUXEON_COB1205_(LHC1-3080-1205)
_1152.32lm@250mA_CCT=3000K_P=8.36W_I=0.25A



Ledil FN14637_OLIVIA-S_(CLL032+STUCCHI) / LDC (Linear)

Luminaire: Ledil FN14637_OLIVIA-S_(CLL032+STUCCHI)

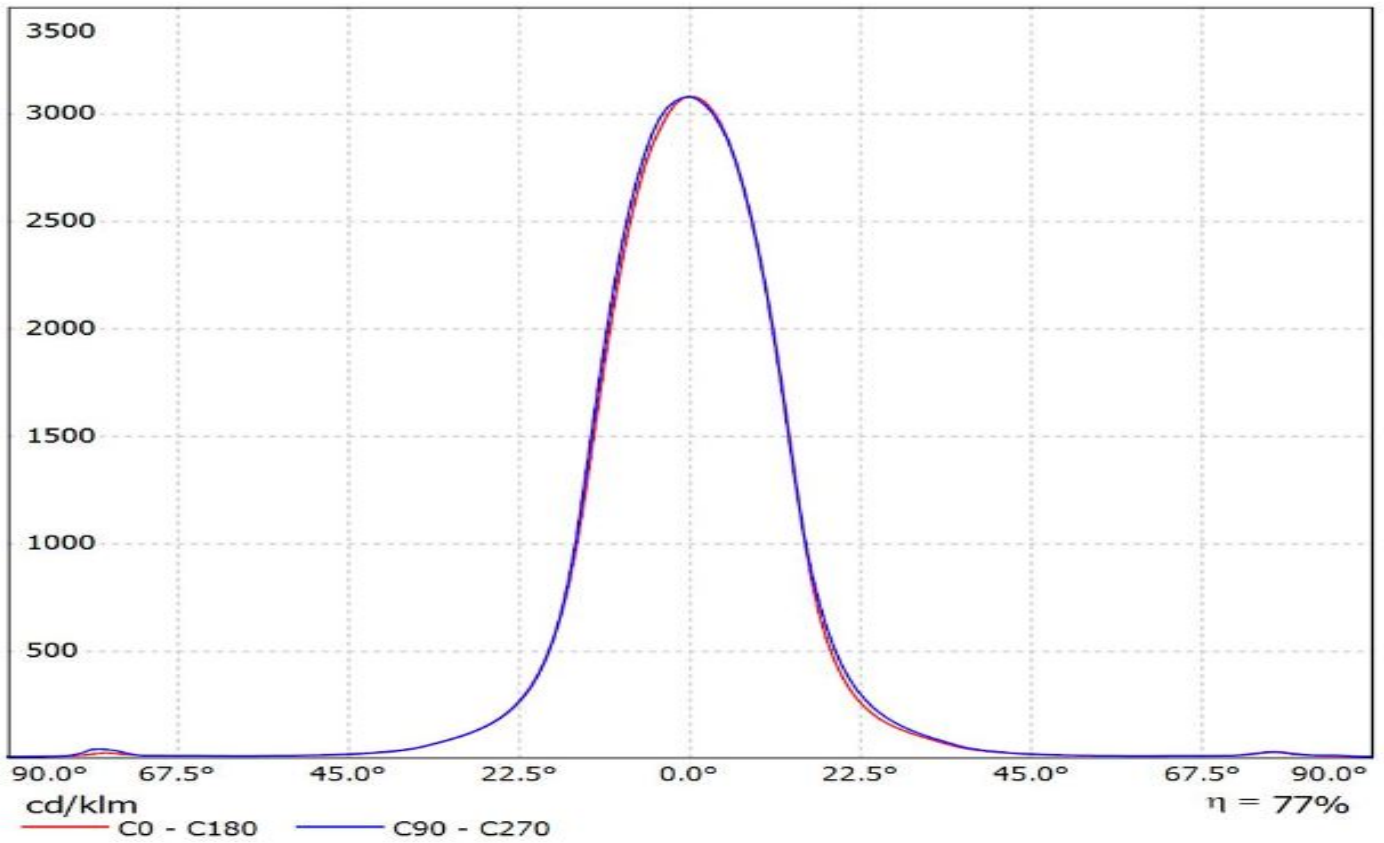
Lamps: 1 x CITIZEN_CLL0324_(CLL032-1206A5-303M1A2)_1092.74lm@250mA_P=8.5W_I=0.25A



Ledil FN14637_OLIVIA-S_(COB_1205)_ (432_Typ_Z1) / LDC (Linear)

Luminaire: Ledil FN14637_OLIVIA-S_(COB_1205)_ (432_Typ_Z1)

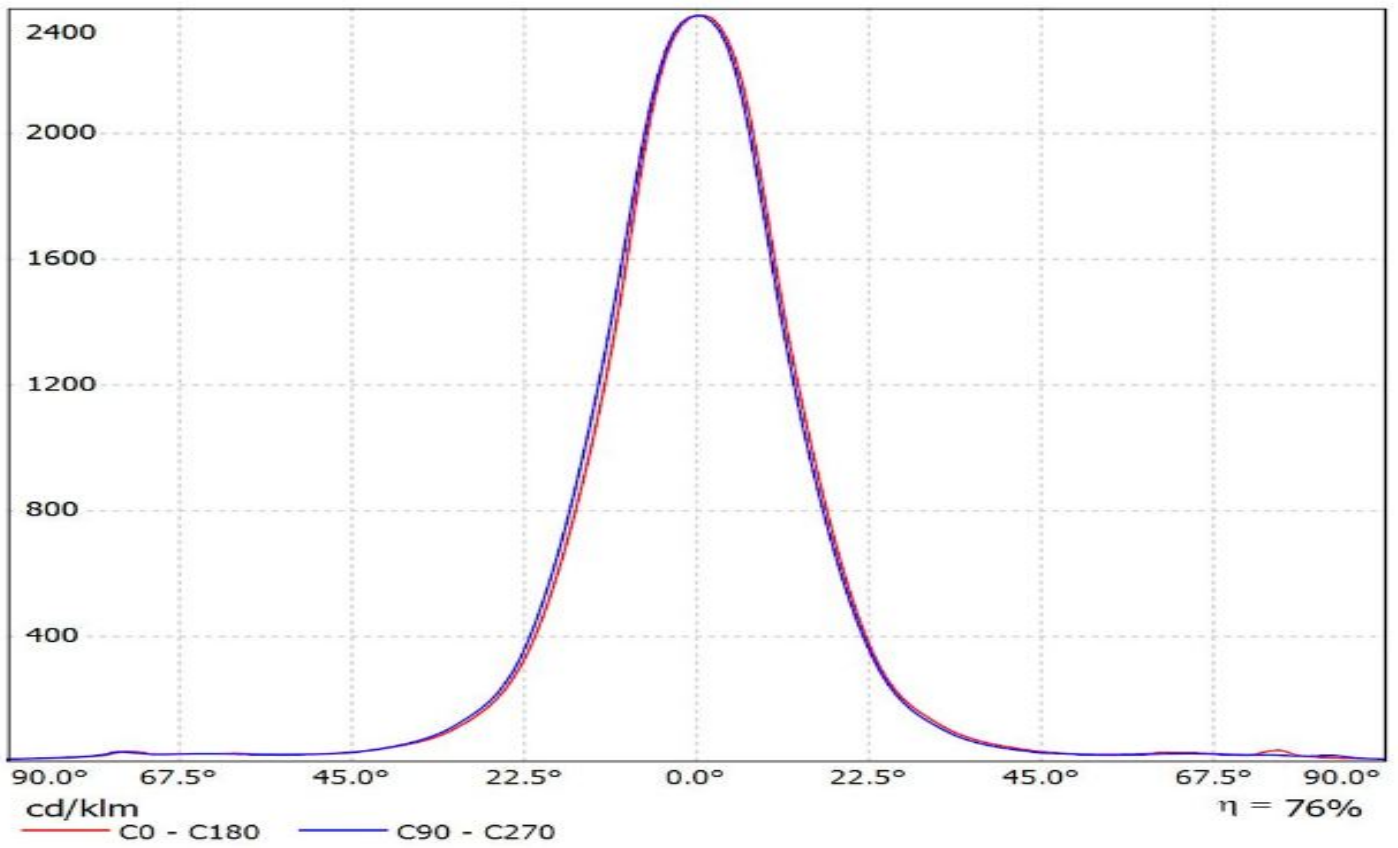
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1147.51lm@250mA_CCT=3000K_P8.35W_I=0.25A



Ledil FN14637_OLIVIA-S_(CLU034+STUCCHI) / LDC (Linear)

Luminaire: Ledil FN14637_OLIVIA-S_(CLU034+STUCCHI)

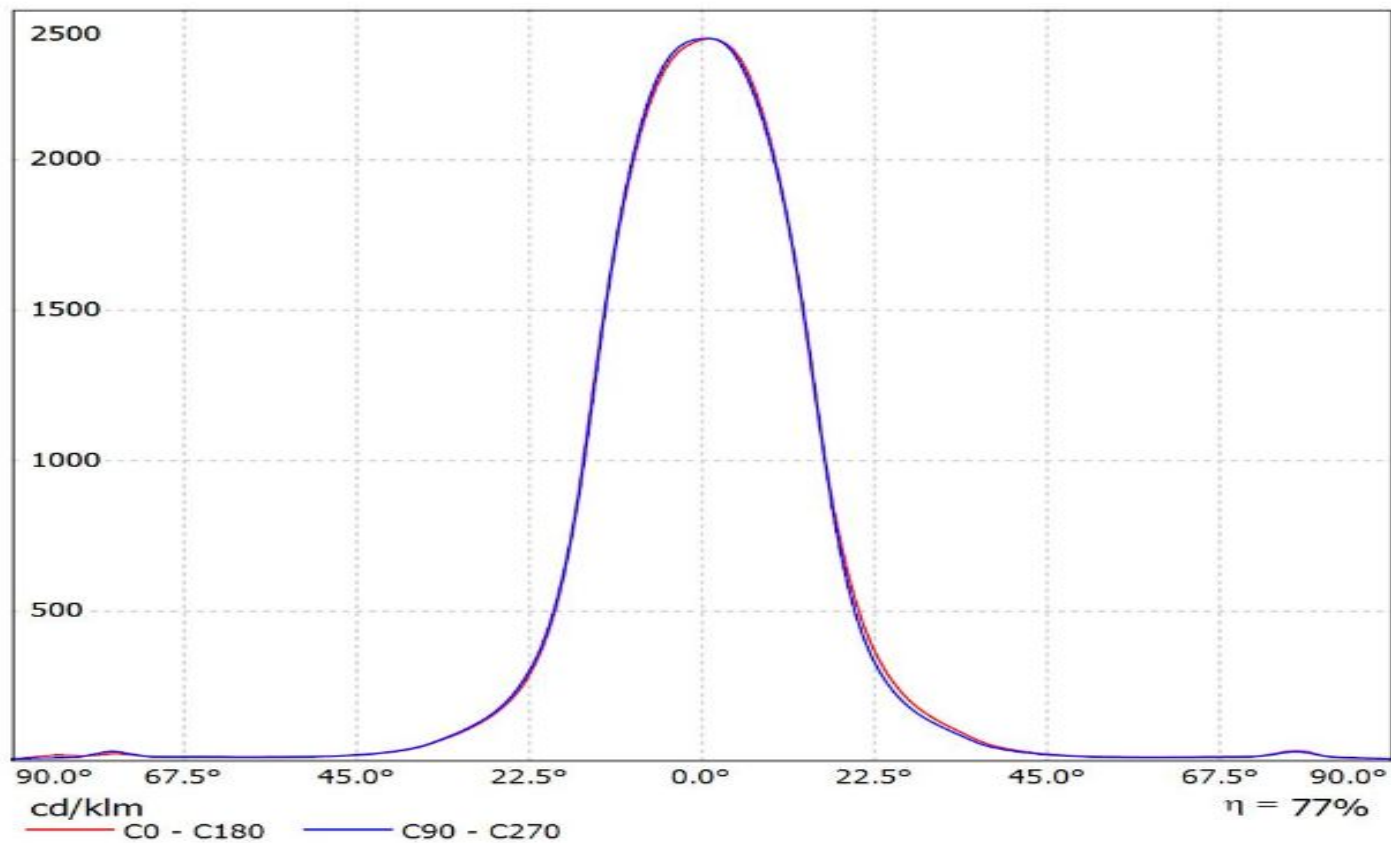
Lamps: 1 x CITIZEN_CLU034_(CLU034-120B8-303M1A2)_1206.89lm@250mA_P=8.5W_I=0.25A



Ledil FN14637_OLIVIA-S_(COB_1208)_ (432_Typ_Z1) / LDC (Linear)

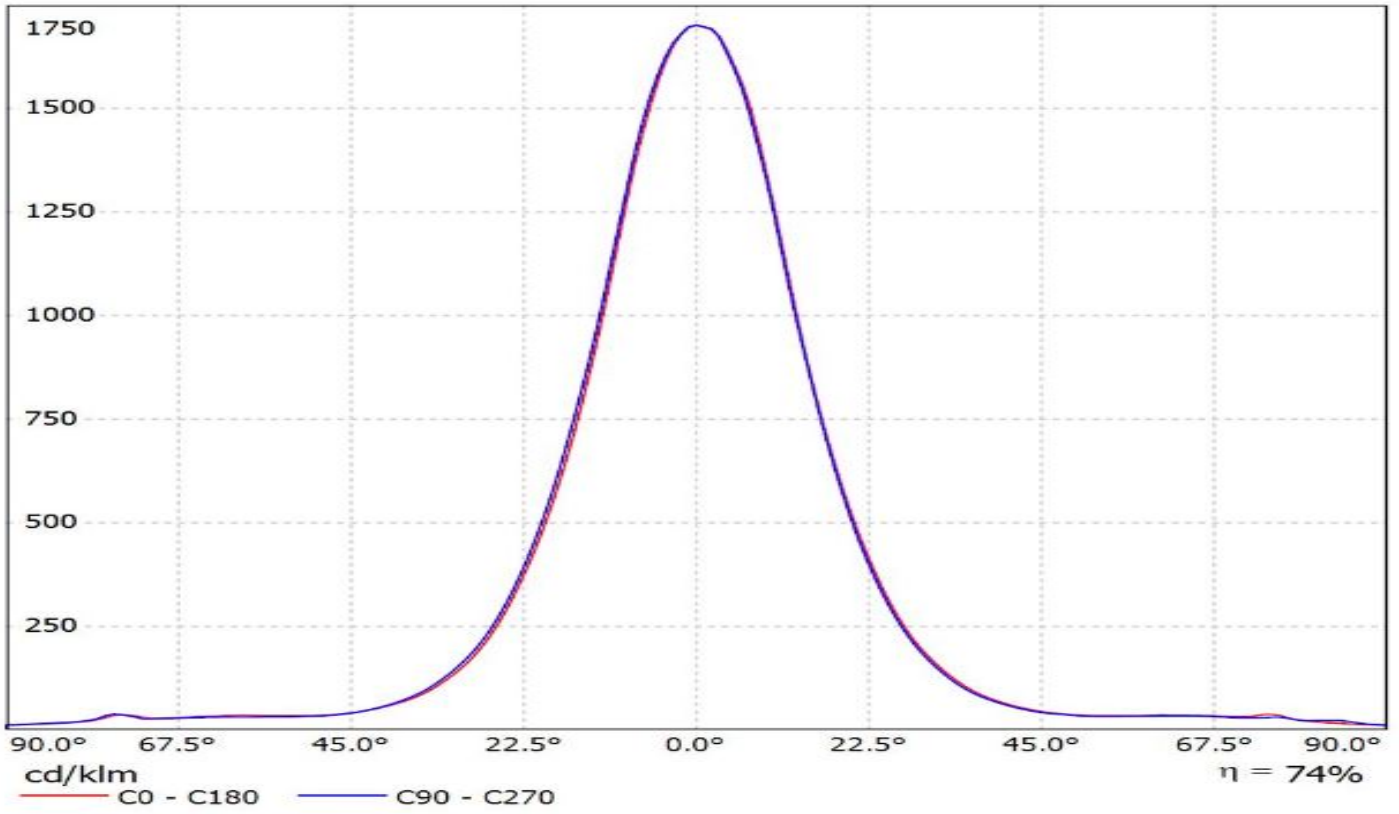
Luminaire: Ledil FN14637_OLIVIA-S_(COB_1208)_ (432_Typ_Z1)

Lamps: 1 x LUXEON_COB_1208_1077.13lm@250mA_CCT=3000K_P8.26W_I=0.25A



Ledil FN14637_OLIVIA-S_(CXA2590_+_BJB_47.319.2140.50) / LDC (Linear)

Luminaire: Ledil FN14637_OLIVIA-S_(CXA2590_+_BJB_47.319.2140.50)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-R0H-00001)
_848.312lm@100lm_CCT=3000K_P=6.33W_I=0.1A

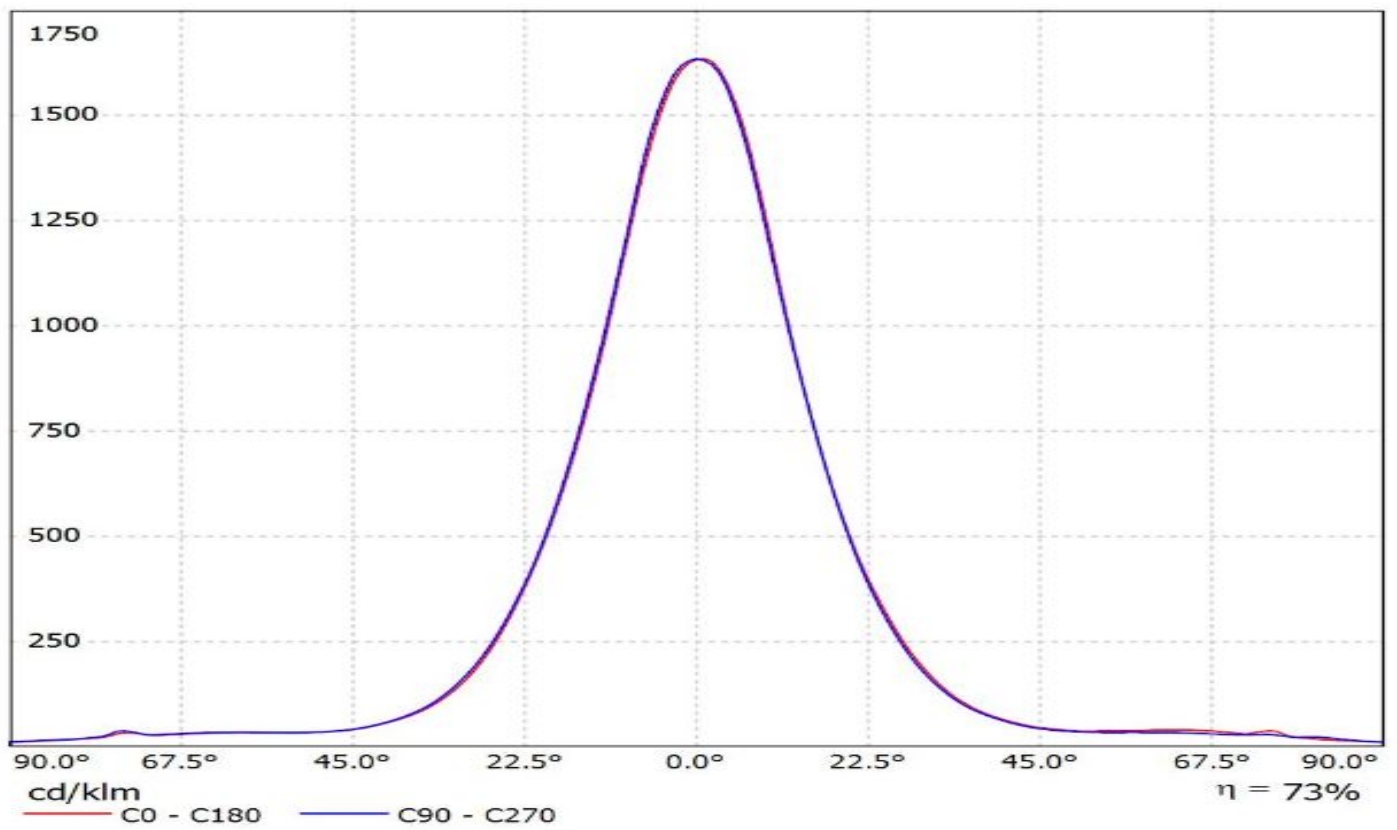


Ledil FN14637_OLIVIA-S_(CXA2590+_TE-2213407-2) / LDC (Linear)

Luminaire: Ledil FN14637_OLIVIA-S_(CXA2590+_TE-2213407-2)

Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-R0H-00001)

_845.712lm@100lm_CCT=3000K_P=6.36W_I=0.1A

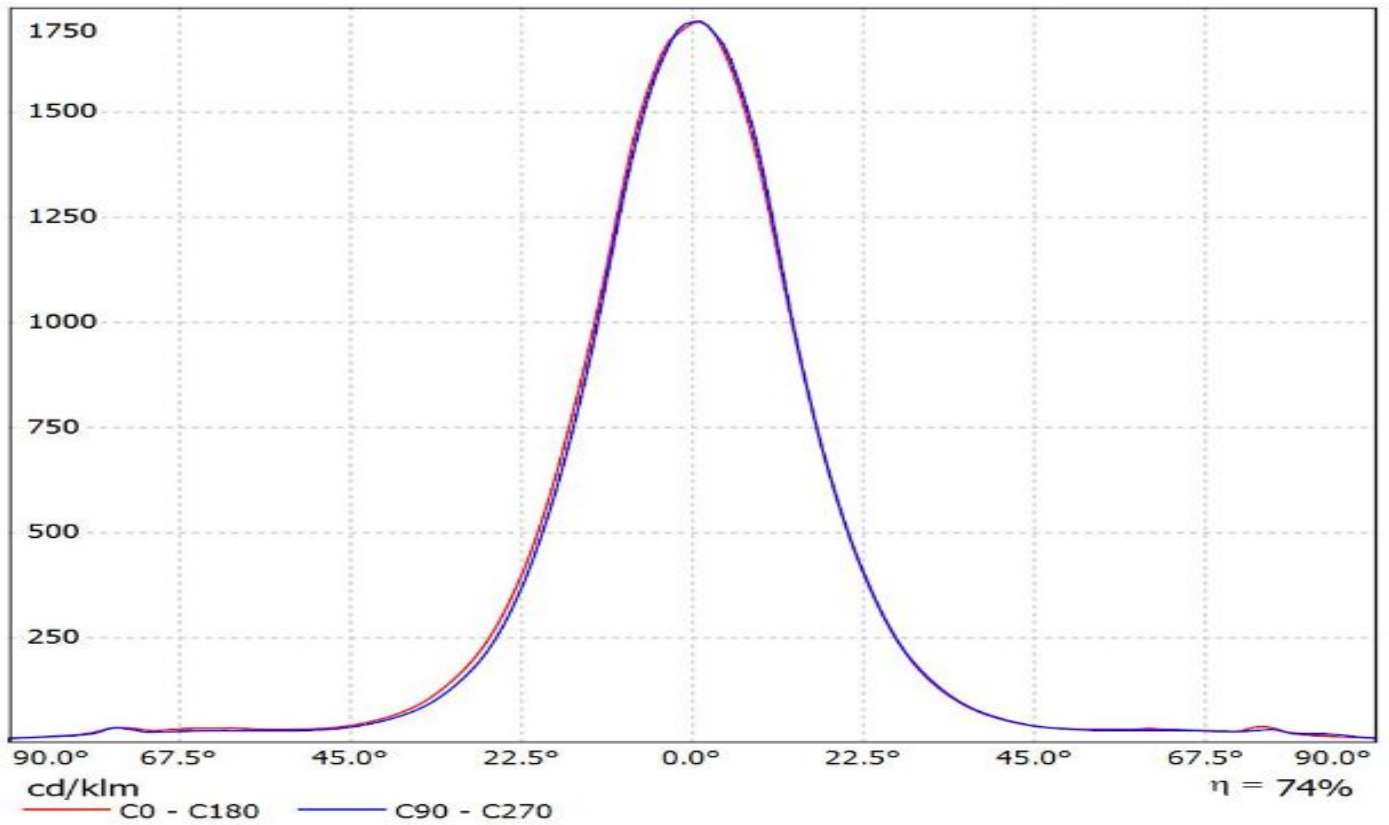


Ledil FN14637_OLIVIA-S_(CXA2590+_Stucchi_8401-G2) / LDC (Linear)

Luminaire: Ledil FN14637_OLIVIA-S_(CXA2590+_Stucchi_8401-G2)

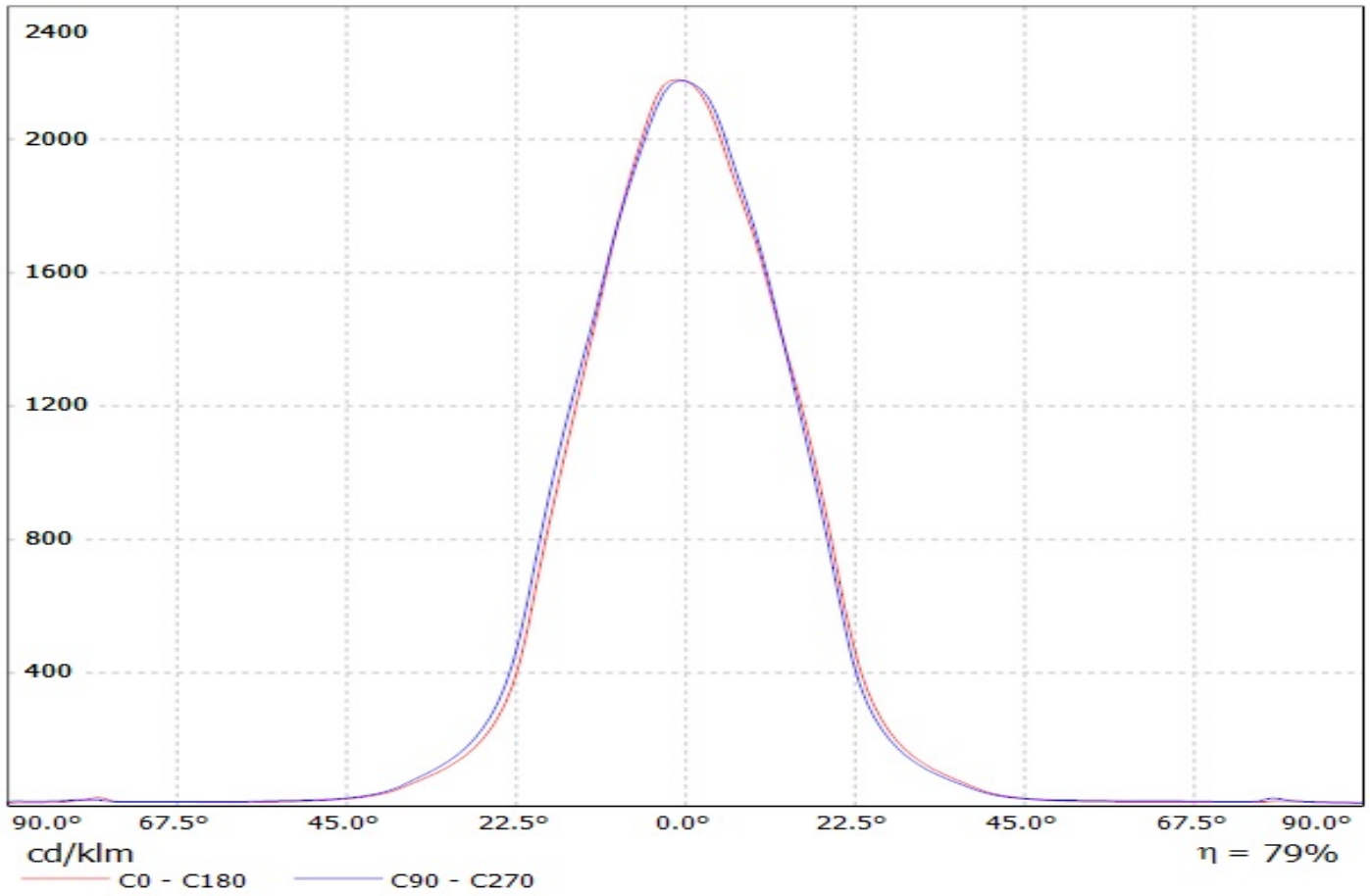
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-R0H-00001)

_851.733lm@100lm_CCT=3000K_P=6.36W_I=0.1A



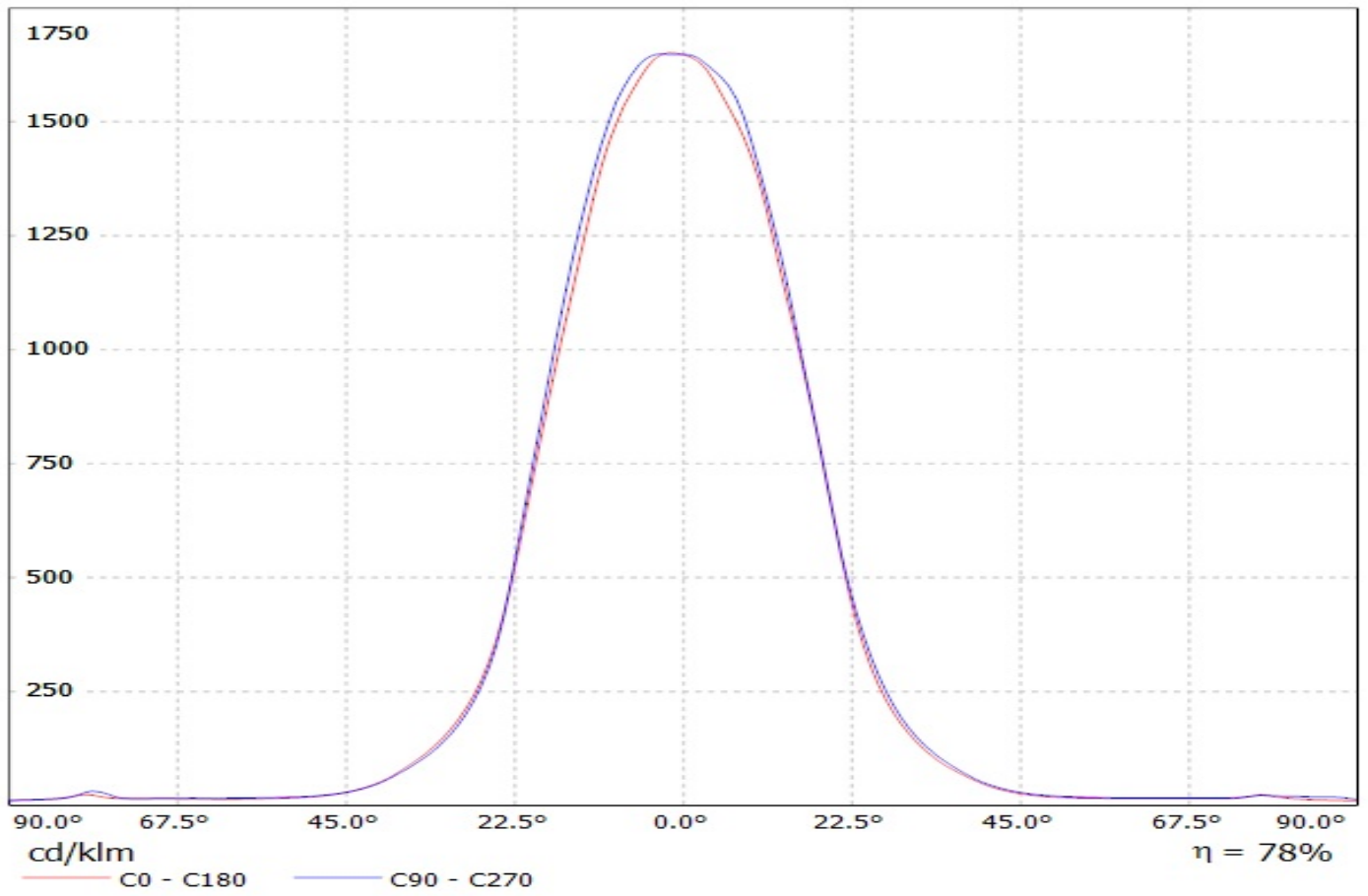
Luminaire: LEDiL Oy FN14637_OLIVIA-S_(V15)

Lamps: 1 x Bridgelux_V15_(30E3001D_Y2)_1180.03lm@250mA_P=8.16498W_I=0.2499A



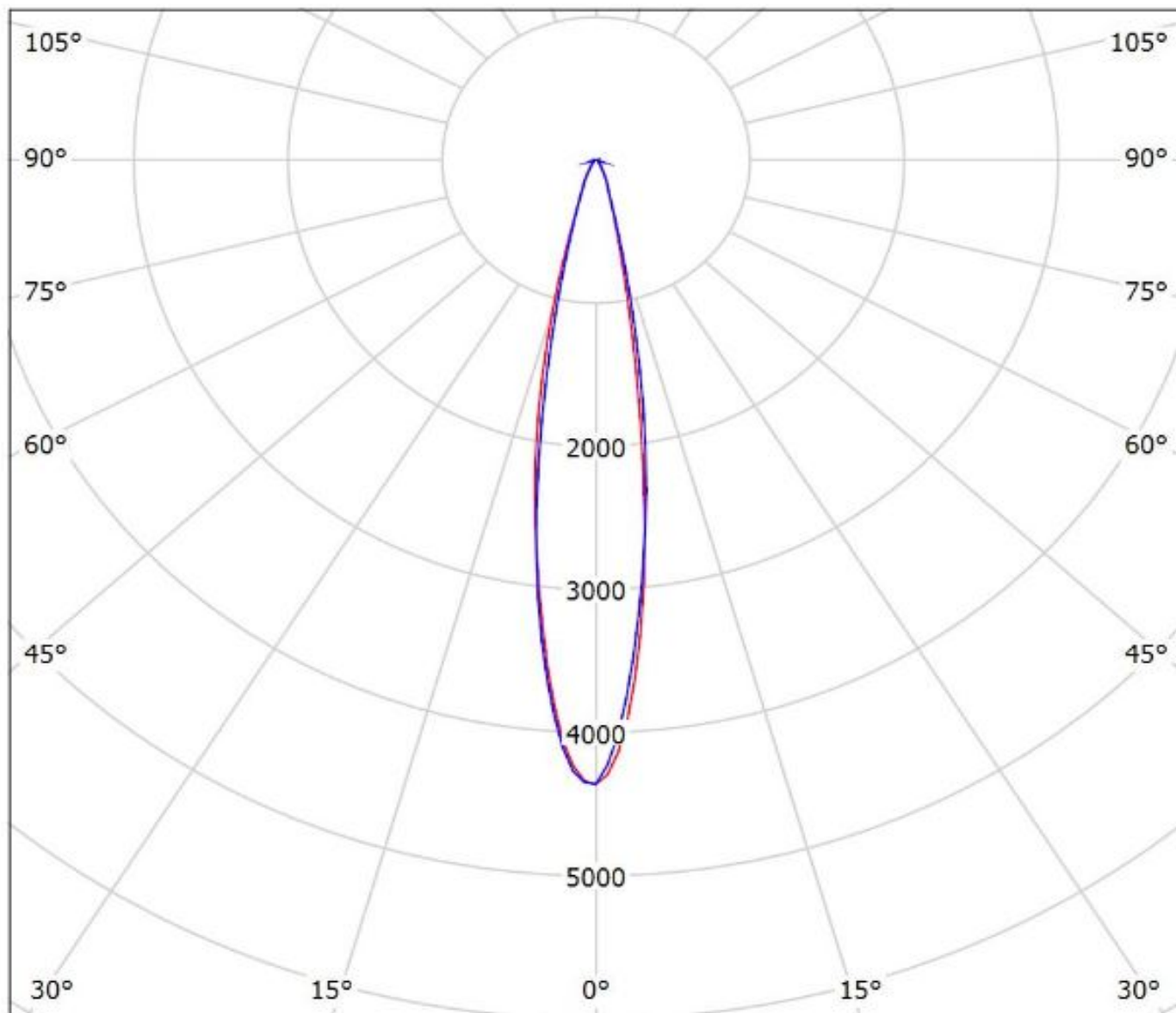
Luminaire: LEDiL Oy FN14637_OLIVIA-S_(V18)

Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)_1036.46lm@250mA_P=6.77429W_I=0.2499A



Luminaire: Ledil FN14637_OLIVIA-S_(CLU700)

Lamps: 1 x Citizen_CLU700_(BJB_47_319_6060)_381.885lm@100mA_P=2.8W_I=0.1A



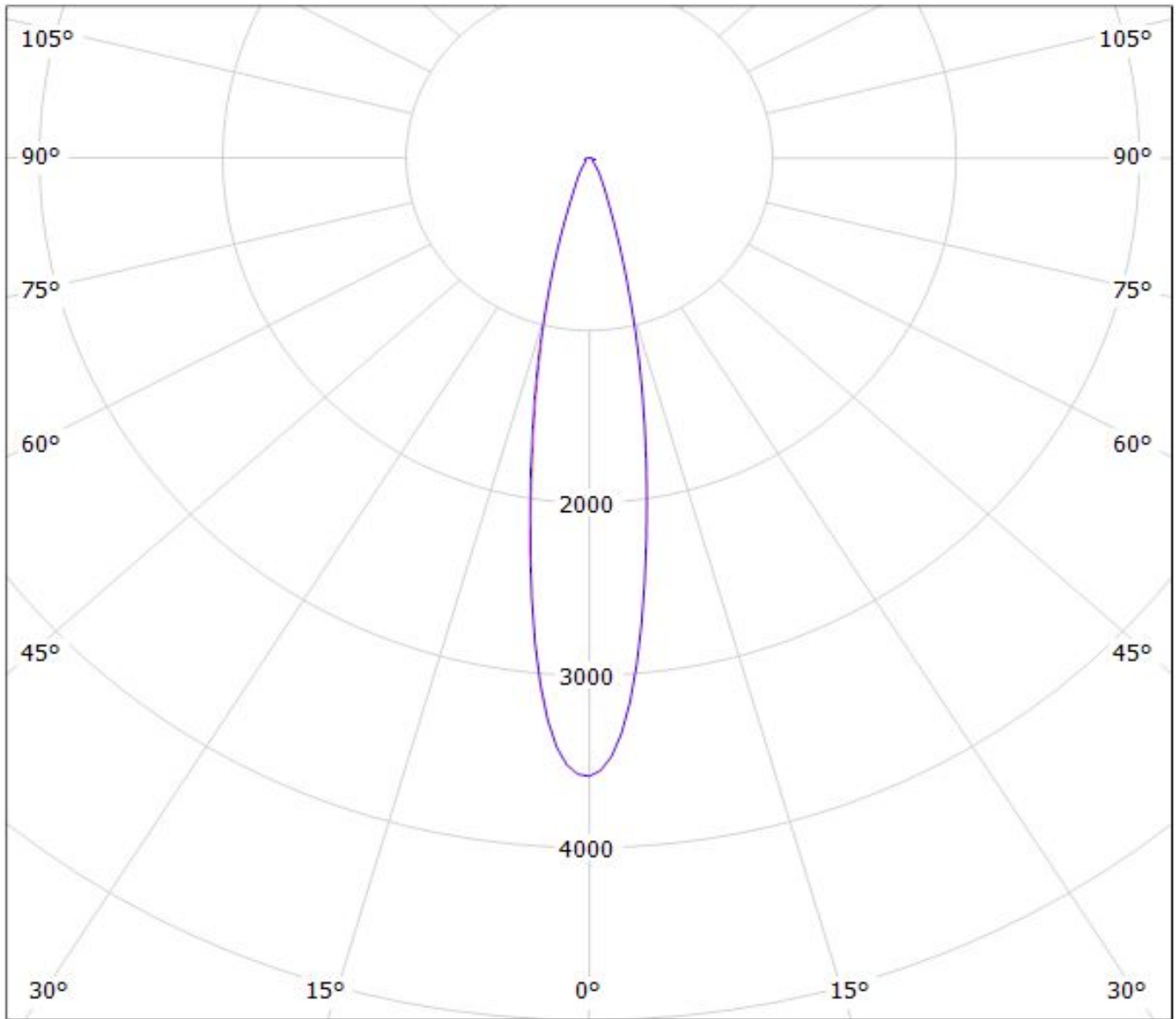
cd/klm

— C0 - C180 — C90 - C270

$\eta = 74\%$

Luminaire: LEDiL Oy FN14637_OLIVIA-S_(CLU720)

Lamps: 1 x Citizen_CLU720_(STUCCHI: 8101/G2)_1210.54lm@250mA_P=8.30043W_I=0.2499A



cd/klm

η = 75%

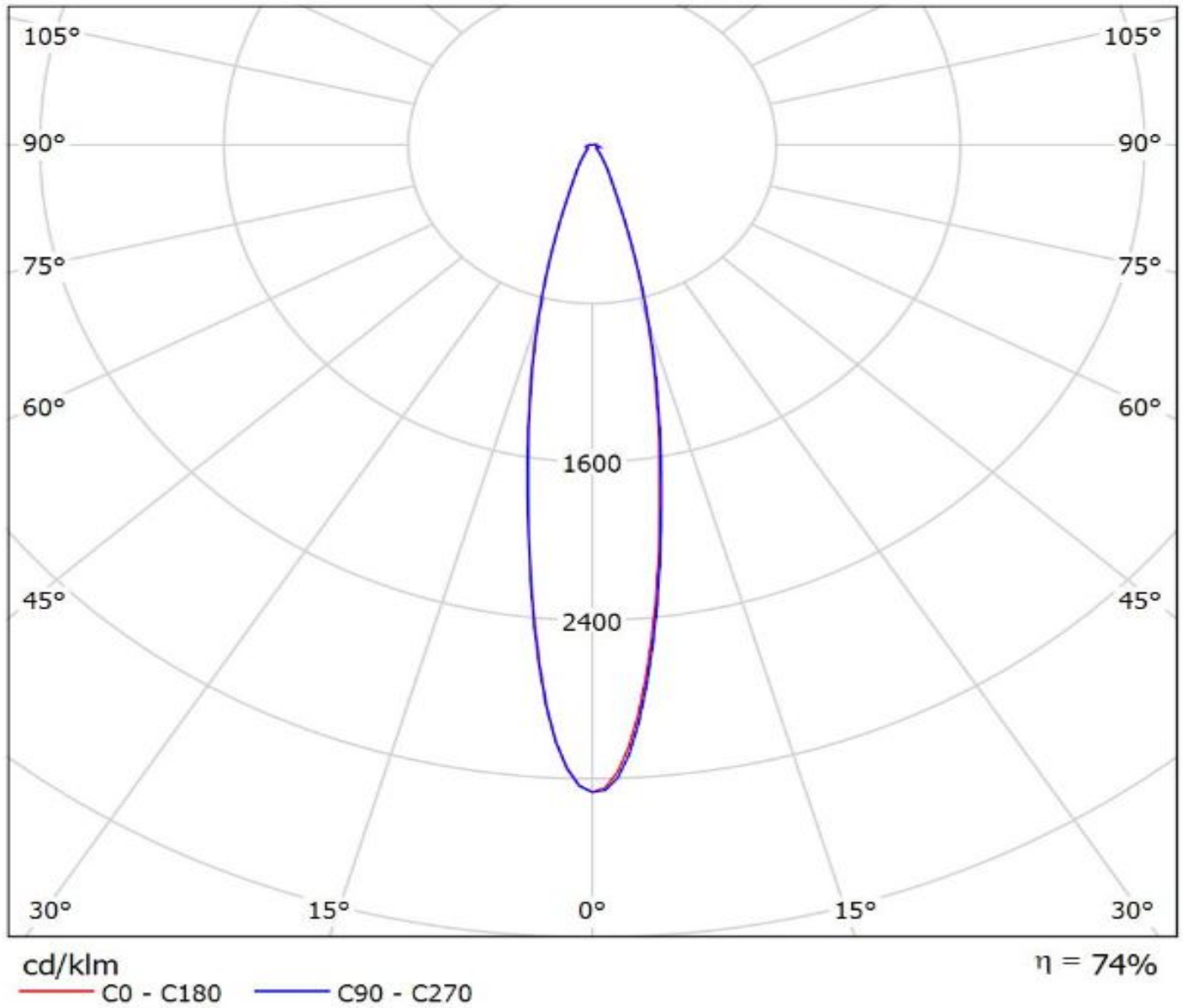
— C0 - C180

— C90 - C270

Ledil FN14637_OLIVIA-S_(CLU720) / LDC (Polar)

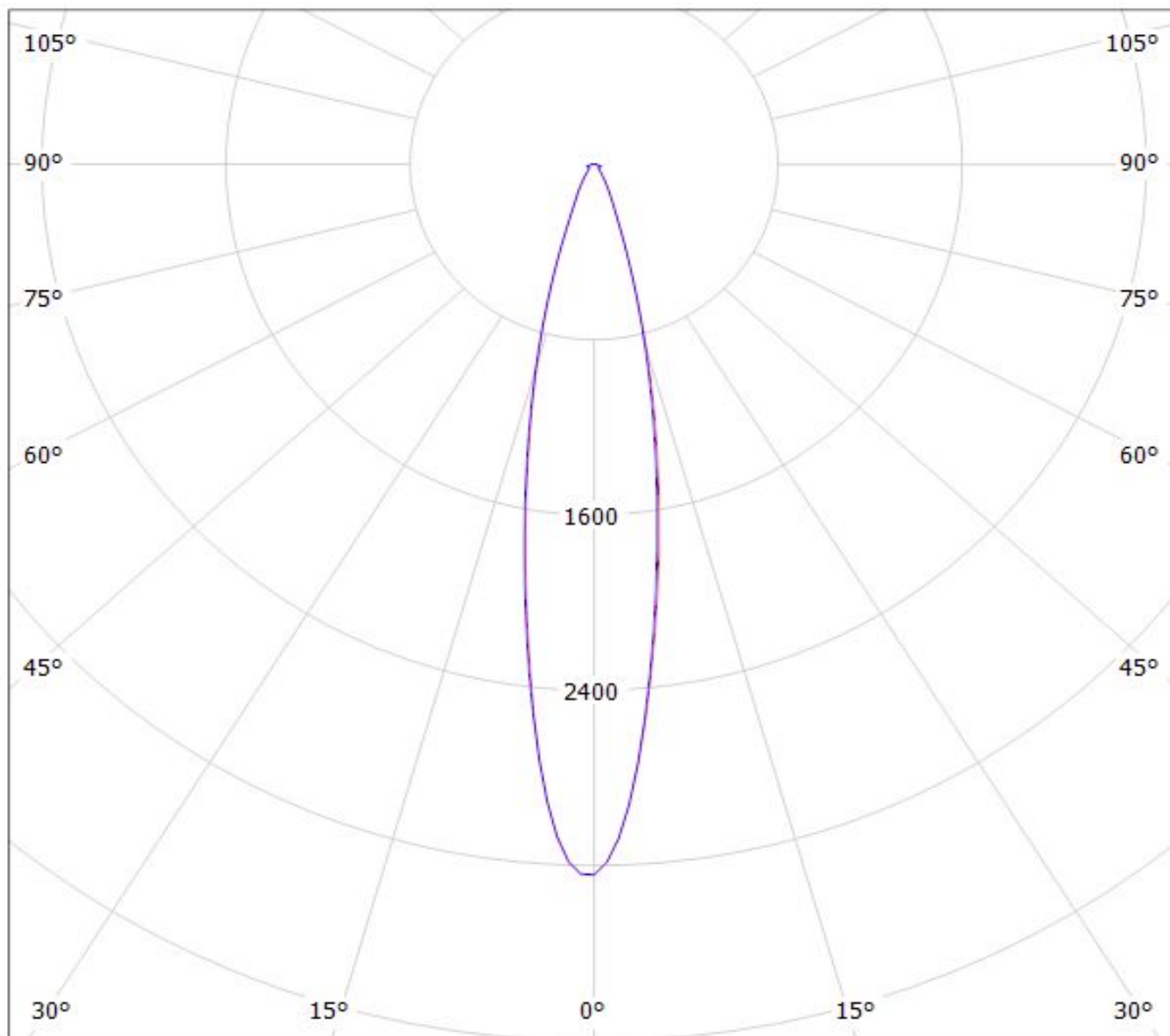
Luminaire: Ledil FN14637_OLIVIA-S_(CLU720)

Lamps: 1 x Citizen_CLU720_(CLU720-1206B8-273M2G1)_1243.26lm@250mA_P=8.3W_I=0.25A



Luminaire: LEDiL Oy FN14637_OLIVIA-S_(CLU720)

Lamps: 1 x Citizen_CLU720_((BJB: 47.319.2021))_1204.03lm@250mA_P=8.29993W_I=0.2499A



cd/klm

— C0 - C180

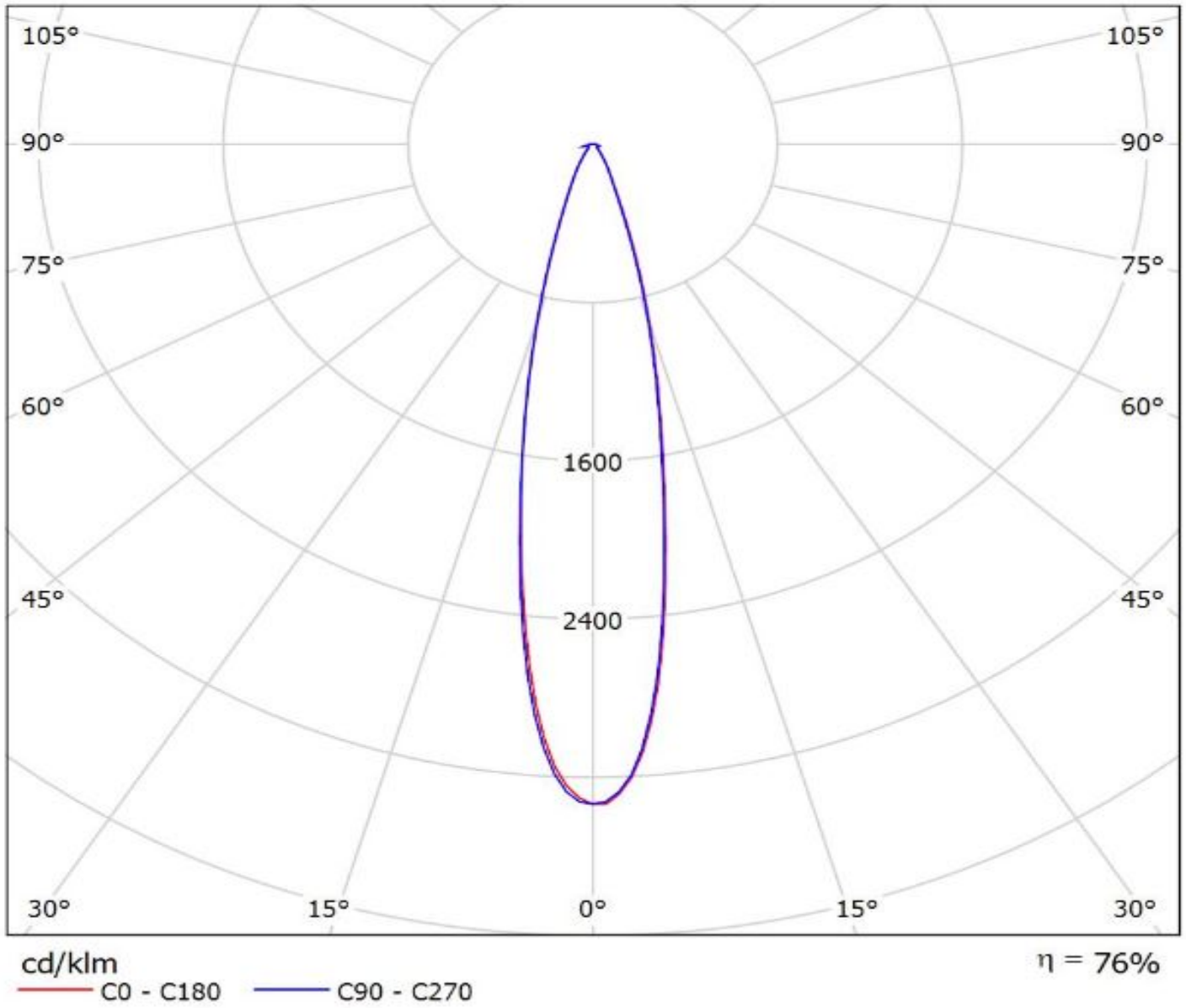
— C90 - C270

$\eta = 74\%$

Ledil FN14637_OLIVIA-S_(CXA1816) / LDC (Polar)

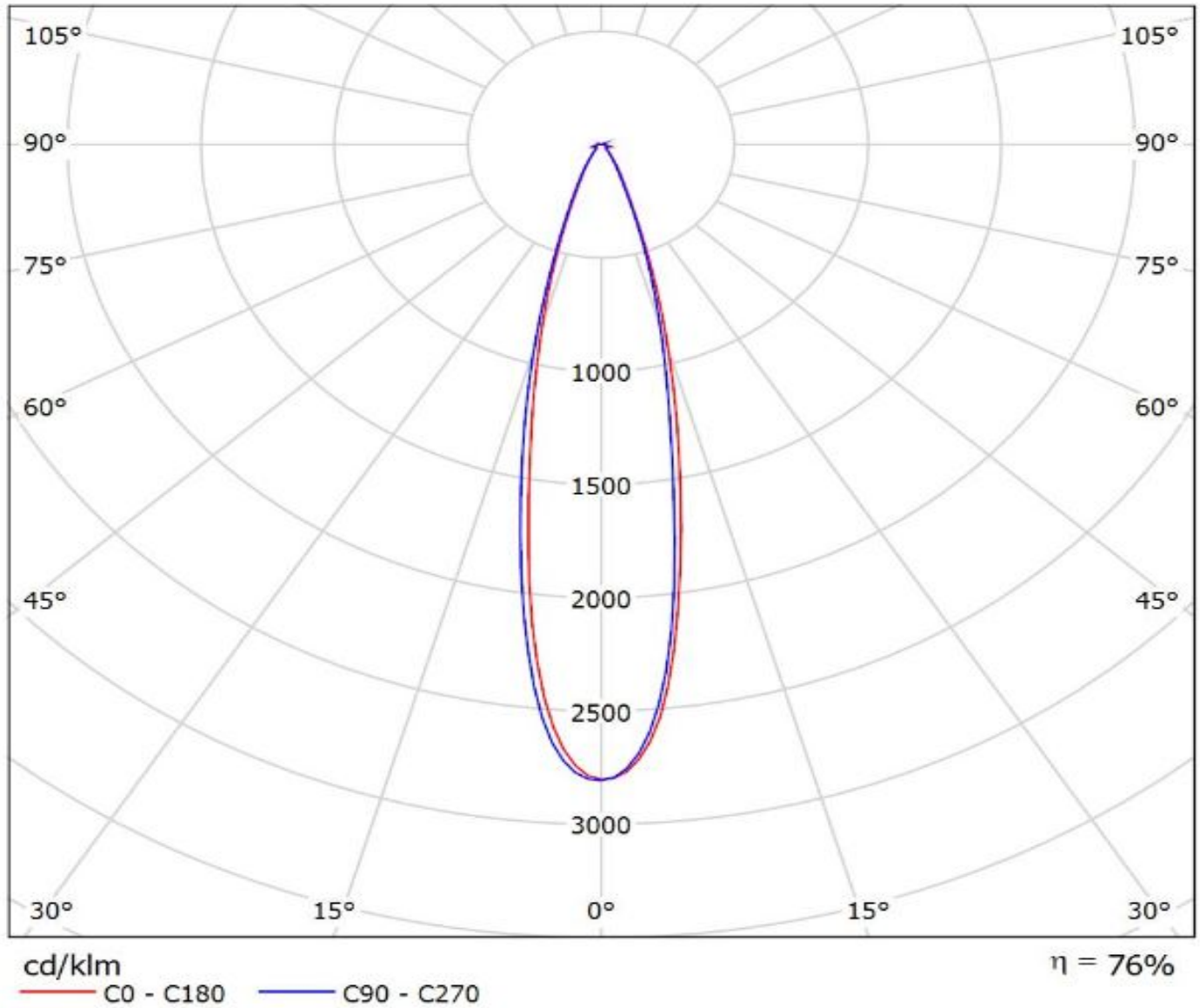
Luminaire: Ledil FN14637_OLIVIA-S_(CXA1816)

Lamps: 1 x CREE_CXA1816_(CXA1816-30F-P2-N0H-00001)_1125.92lm@250mA_P=8.7W_I=0.25A



Ledil FN14637_OLIVIA-S_(COB1205+STUCCHI) / LDC (Polar)

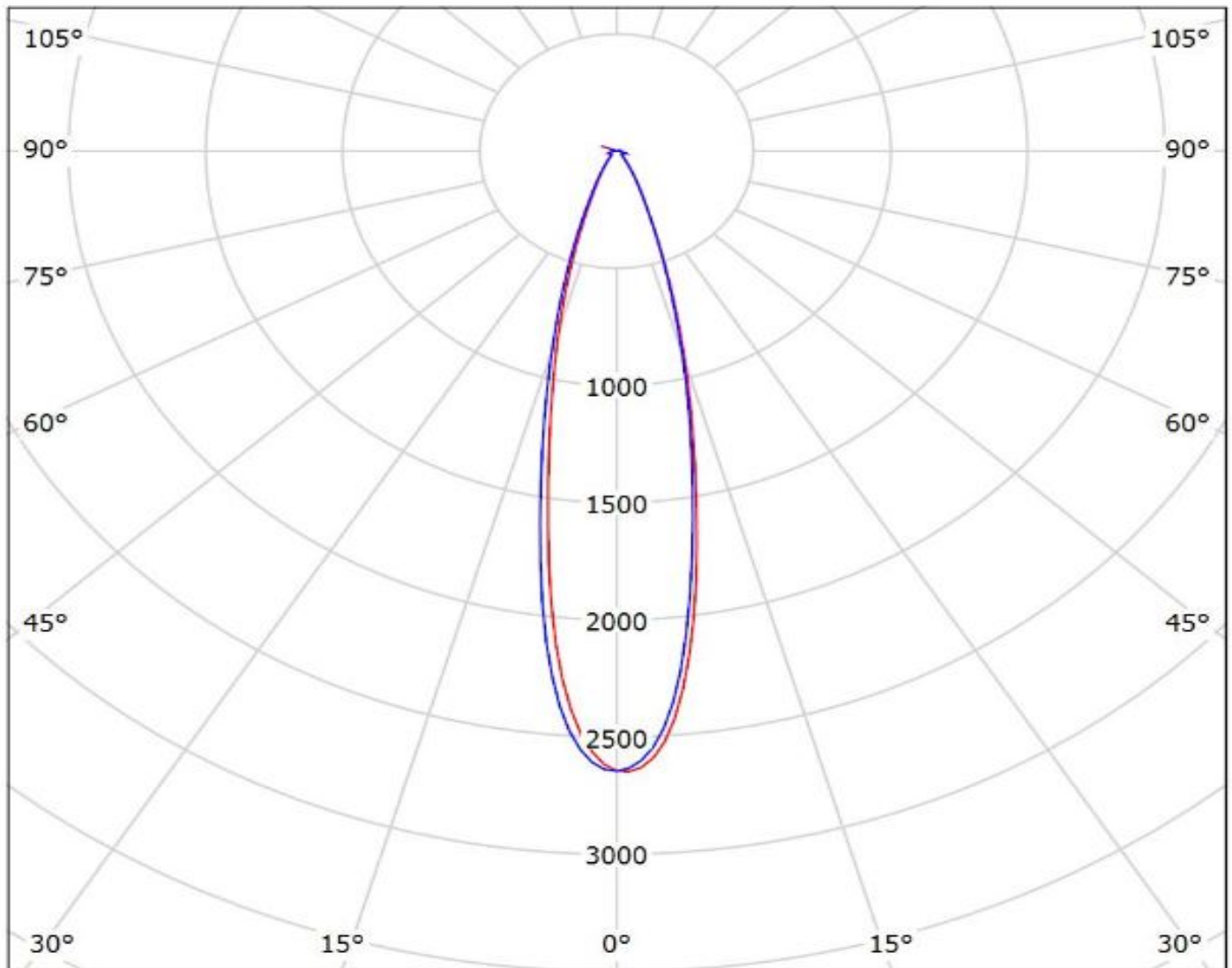
Luminaire: Ledil FN14637_OLIVIA-S_(COB1205+STUCCHI)
Lamps: 1 x LUXEON_COB1205_(LHC1-3080-1205)
_1152.32lm@250mA_CCT=3000K_P=8.36W_I=0.25A



Ledil FN14637_OLIVIA-S_(CLL032+STUCCHI) / LDC (Polar)

Luminaire: Ledil FN14637_OLIVIA-S_(CLL032+STUCCHI)

Lamps: 1 x CITIZEN_CLL0324_(CLL032-1206A5-303M1A2)_1092.74lm@250mA_P=8.5W_I=0.25A



cd/klm

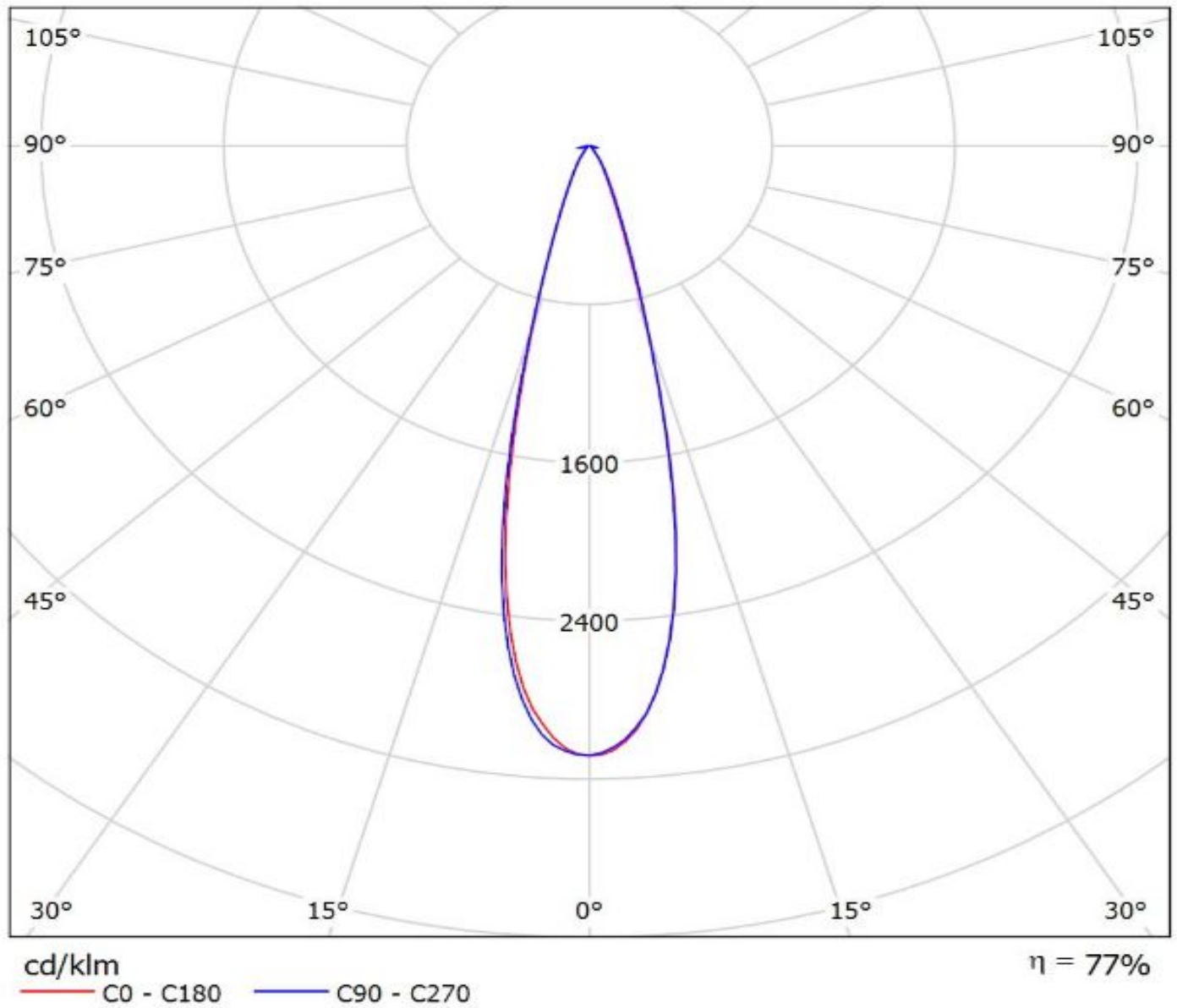
— C0 - C180 — C90 - C270

$\eta = 76\%$

Ledil FN14637_OLIVIA-S_(COB_1205)_(432_Typ_Z1) / LDC (Polar)

Luminaire: Ledil FN14637_OLIVIA-S_(COB_1205)_(432_Typ_Z1)

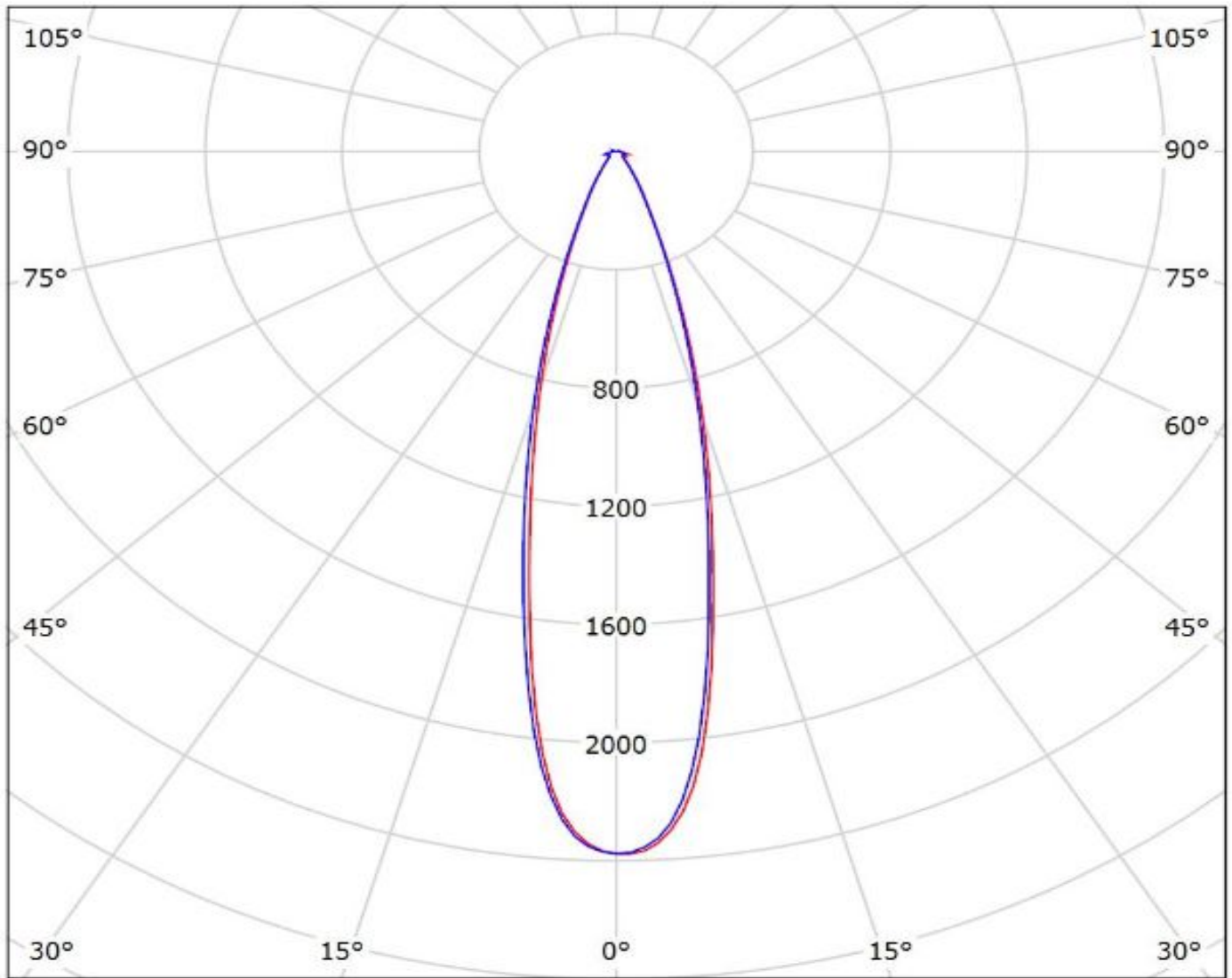
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1147.5lm@250mA_CCT=3000K_P8.35W_I=0.25A



Ledil FN14637_OLIVIA-S_(CLU034+STUCCHI) / LDC (Polar)

Luminaire: Ledil FN14637_OLIVIA-S_(CLU034+STUCCHI)

Lamps: 1 x CITIZEN_CLU034_(CLU034-120B8-303M1A2)_1206.89lm@250mA_P=8.5W_I=0.25A



cd/klm

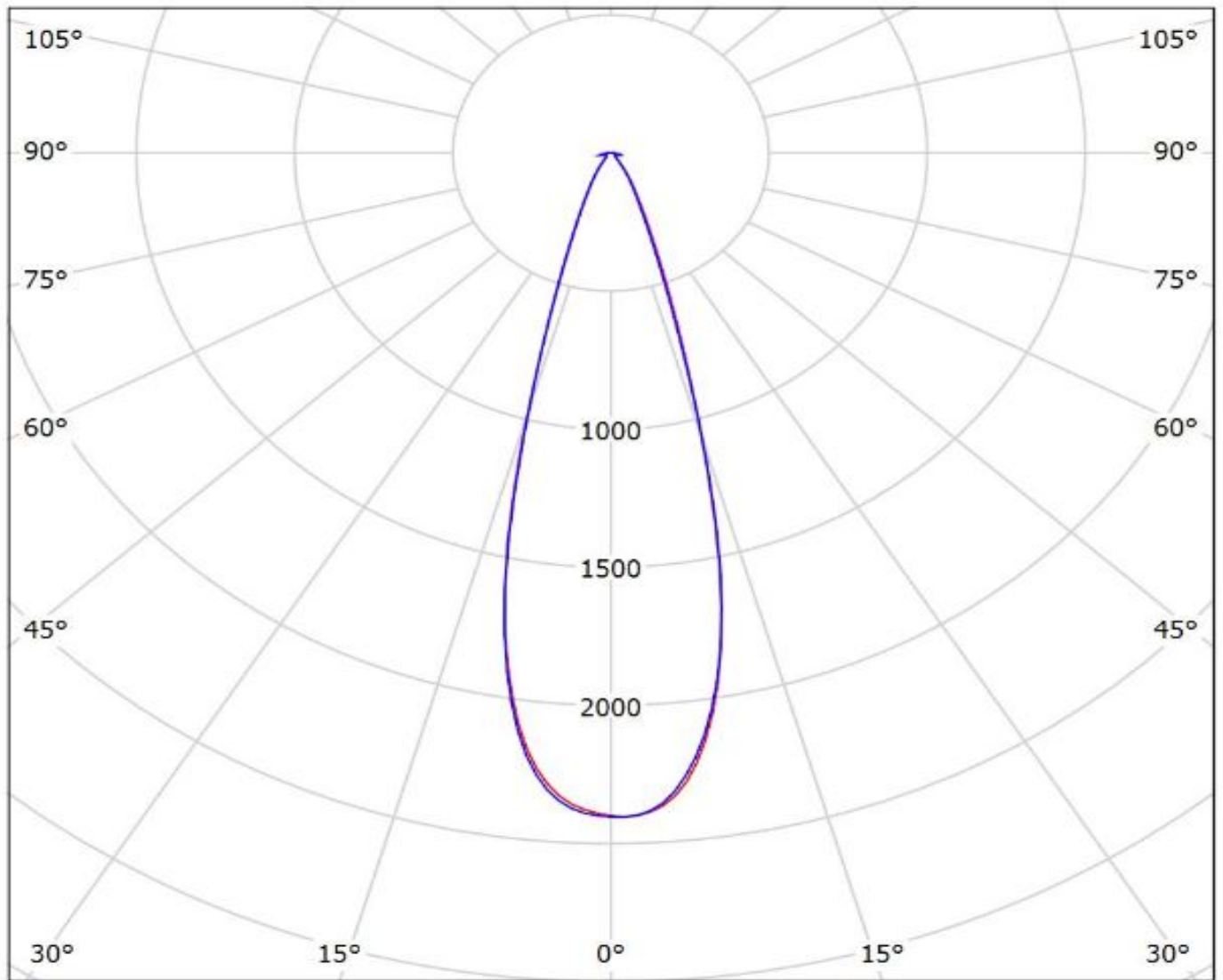
— C0 - C180 — C90 - C270

$\eta = 76\%$

Ledil FN14637_OLIVIA-S_(COB_1208)_(432_Typ_Z1) / LDC (Polar)

Luminaire: Ledil FN14637_OLIVIA-S_(COB_1208)_(432_Typ_Z1)

Lamps: 1 x LUXEON_COB_1208_1077.13lm@250mA_CCT=3000K_P8.26W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

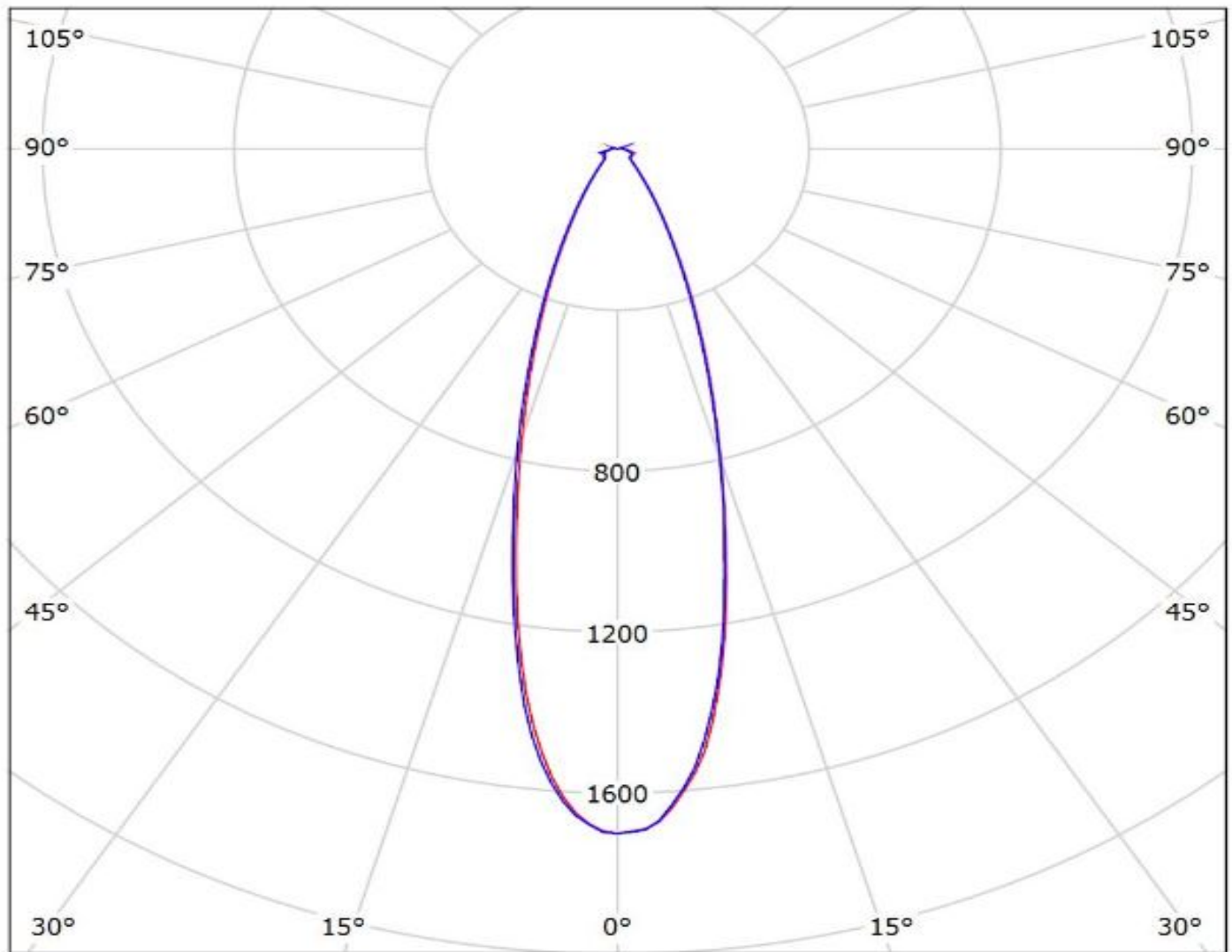
$\eta = 77\%$

Ledil FN14637_OLIVIA-S_(CXA2590+_BJB_47.319.2140.50) / LDC (Polar)

Luminaire: Ledil FN14637_OLIVIA-S_(CXA2590+_BJB_47.319.2140.50)

Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-R0H-00001)

_848.312lm@100lm_CCT=3000K_P=6.33W_I=0.1A



cd/klm

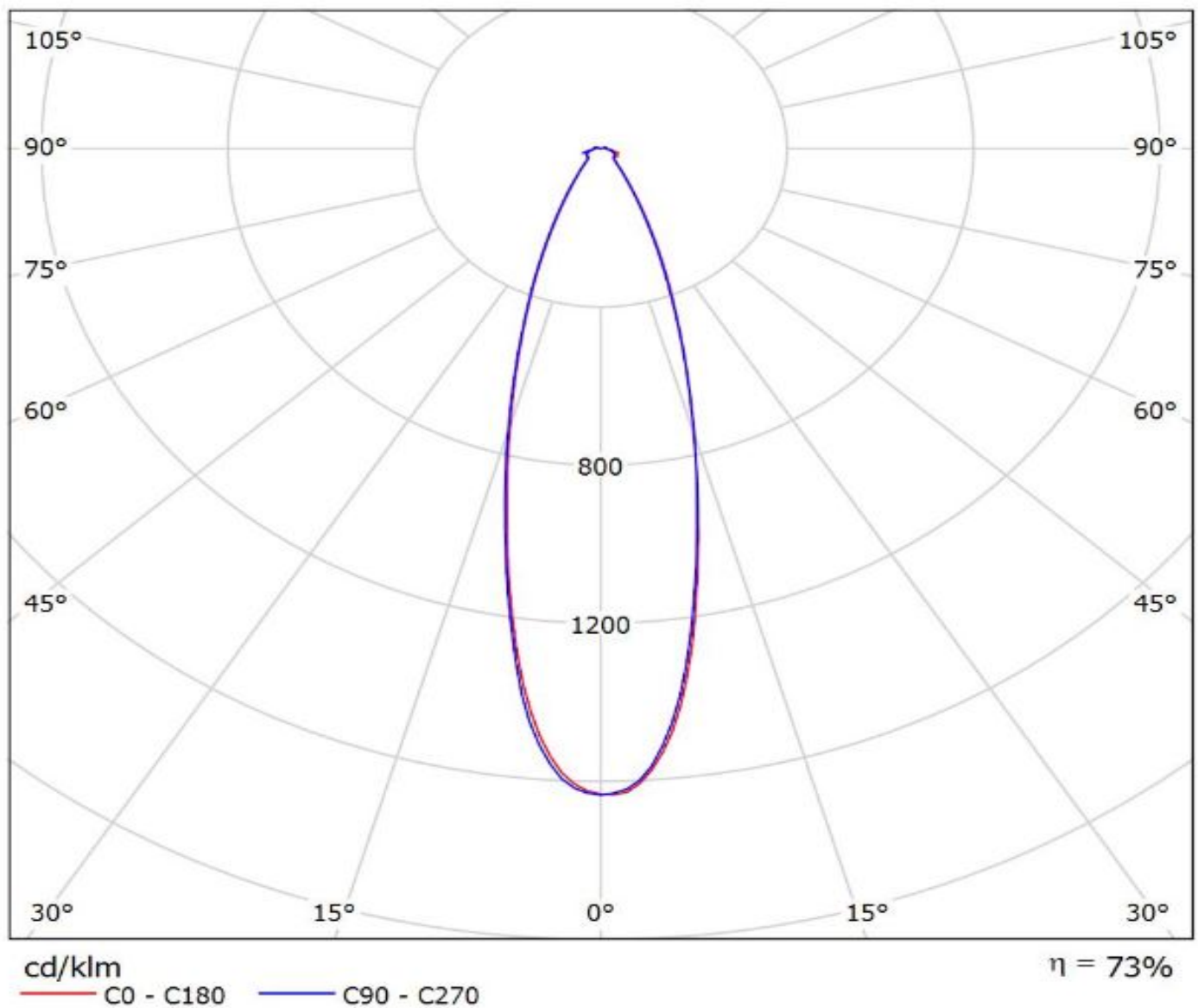
— C0 - C180

— C90 - C270

$\eta = 74\%$

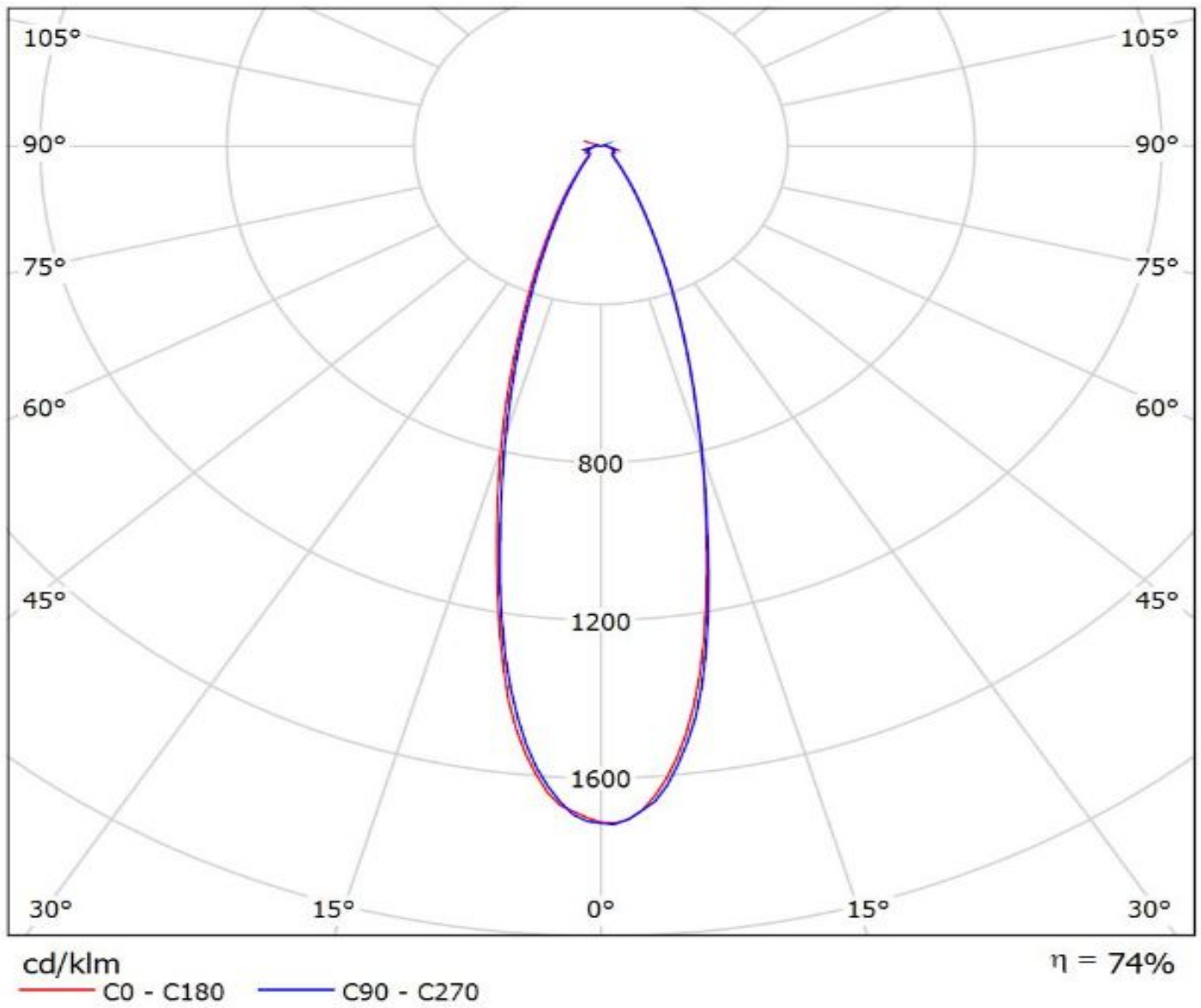
Ledil FN14637_OLIVIA-S_(CXA2590+_TE-2213407-2) / LDC (Polar)

Luminaire: Ledil FN14637_OLIVIA-S_(CXA2590+_TE-2213407-2)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-R0H-00001)
_845.712lm@100lm_CCT=3000K_P=6.36W_I=0.1A



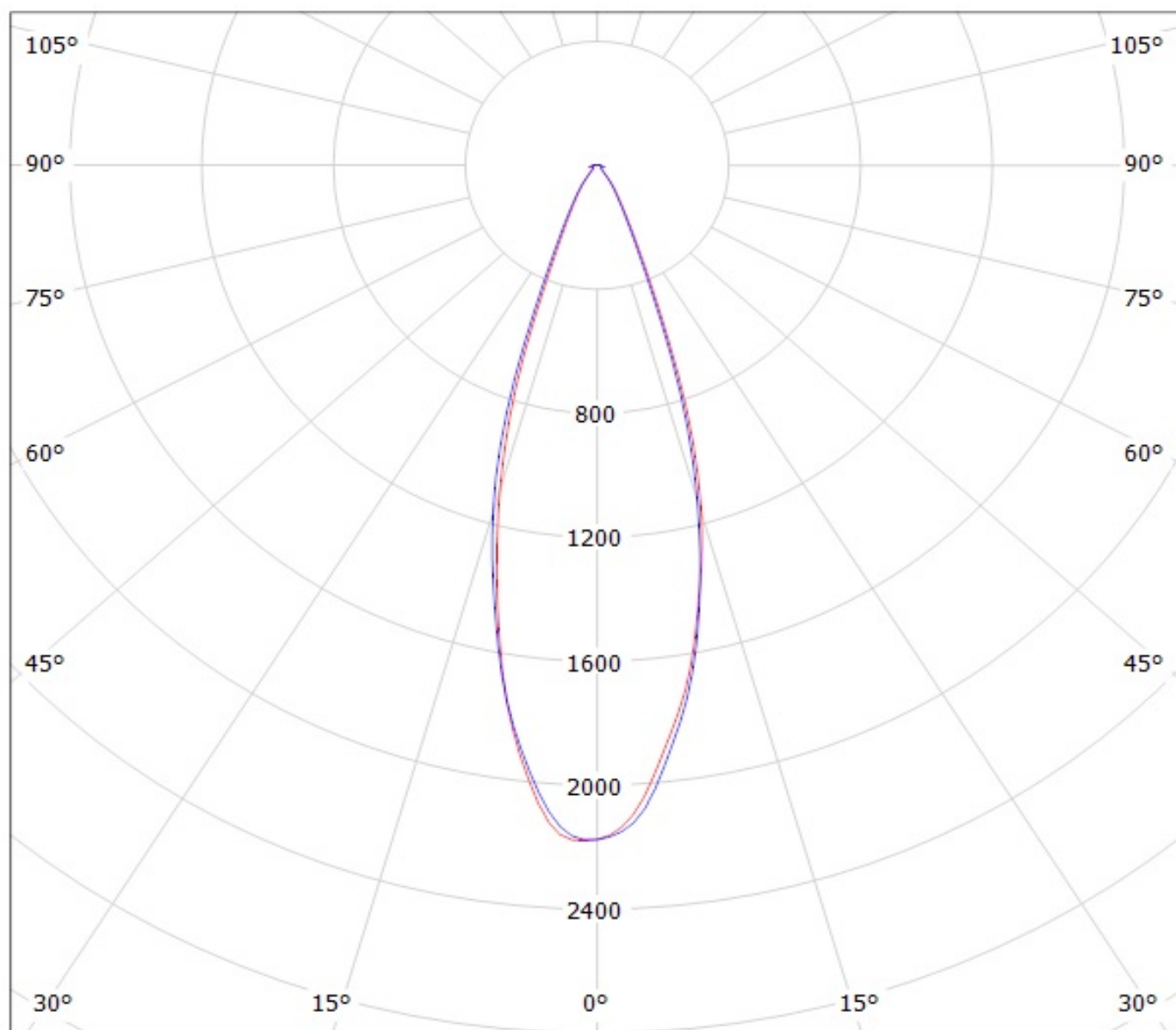
Ledil FN14637_OLIVIA-S_(CXA2590+_Stucchi_8401-G2)/LDC (Polar)

Luminaire: Ledil FN14637_OLIVIA-S_(CXA2590+_Stucchi_8401-G2)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-R0H-00001)
_851.733lm@100lm_CCT=3000K_P=6.36W_I=0.1A



Luminaire: LEDiL Oy FN14637_OLIVIA-S_(V15)

Lamps: 1 x Bridgelux_V15_(30E3001D_Y2)_1180.03lm@250mA_P=8.16498W_I=0.2499A



cd/klm

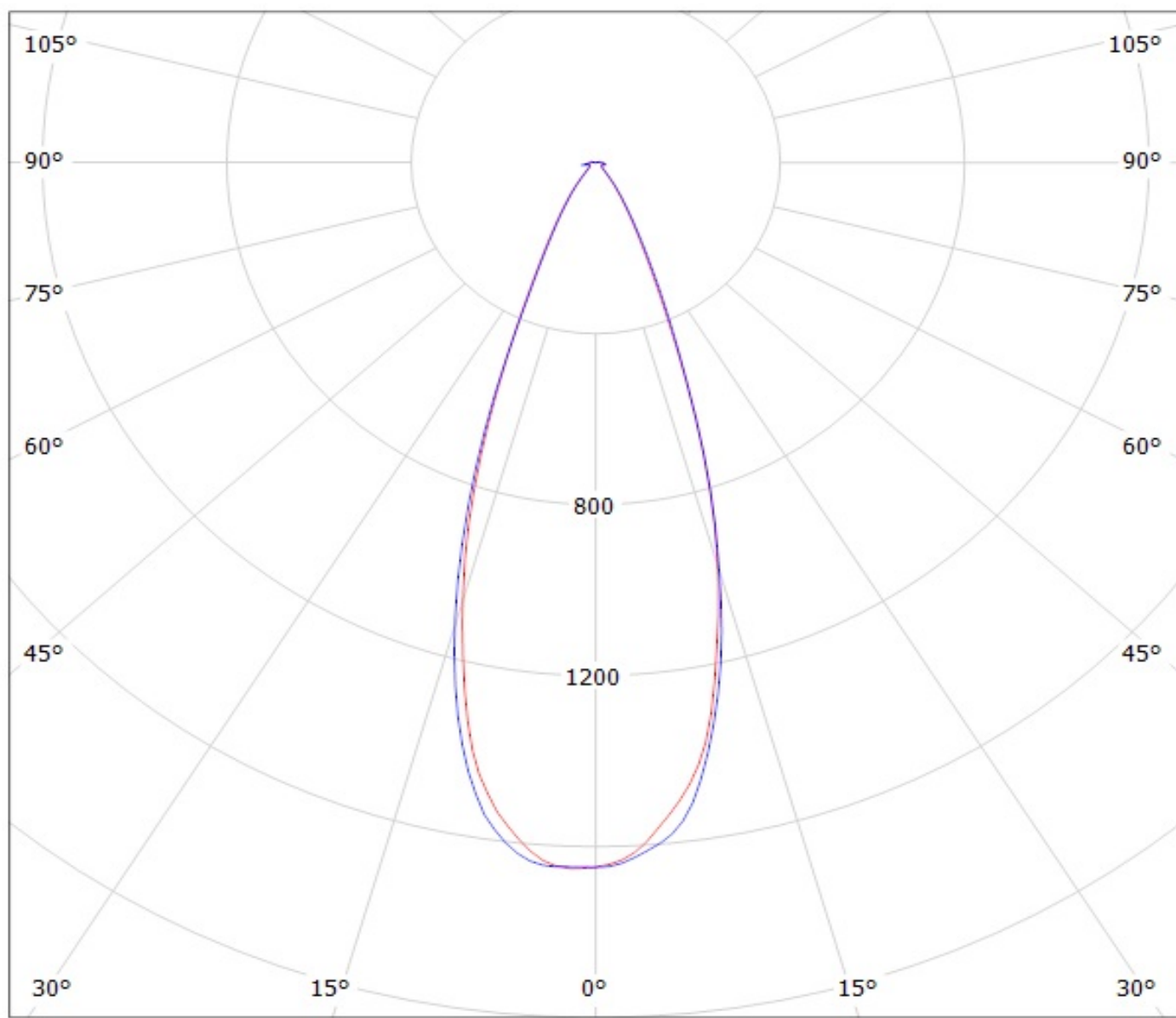
— C0 - C180

— C90 - C270

$\eta = 79\%$

Luminaire: LEDiL Oy FN14637_OLIVIA-S_(V18)

Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)_1036.46lm@250mA_P=6.77429W_I=0.2499A



cd/klm

$\eta = 78\%$

— C0 - C180

— C90 - C270

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.