

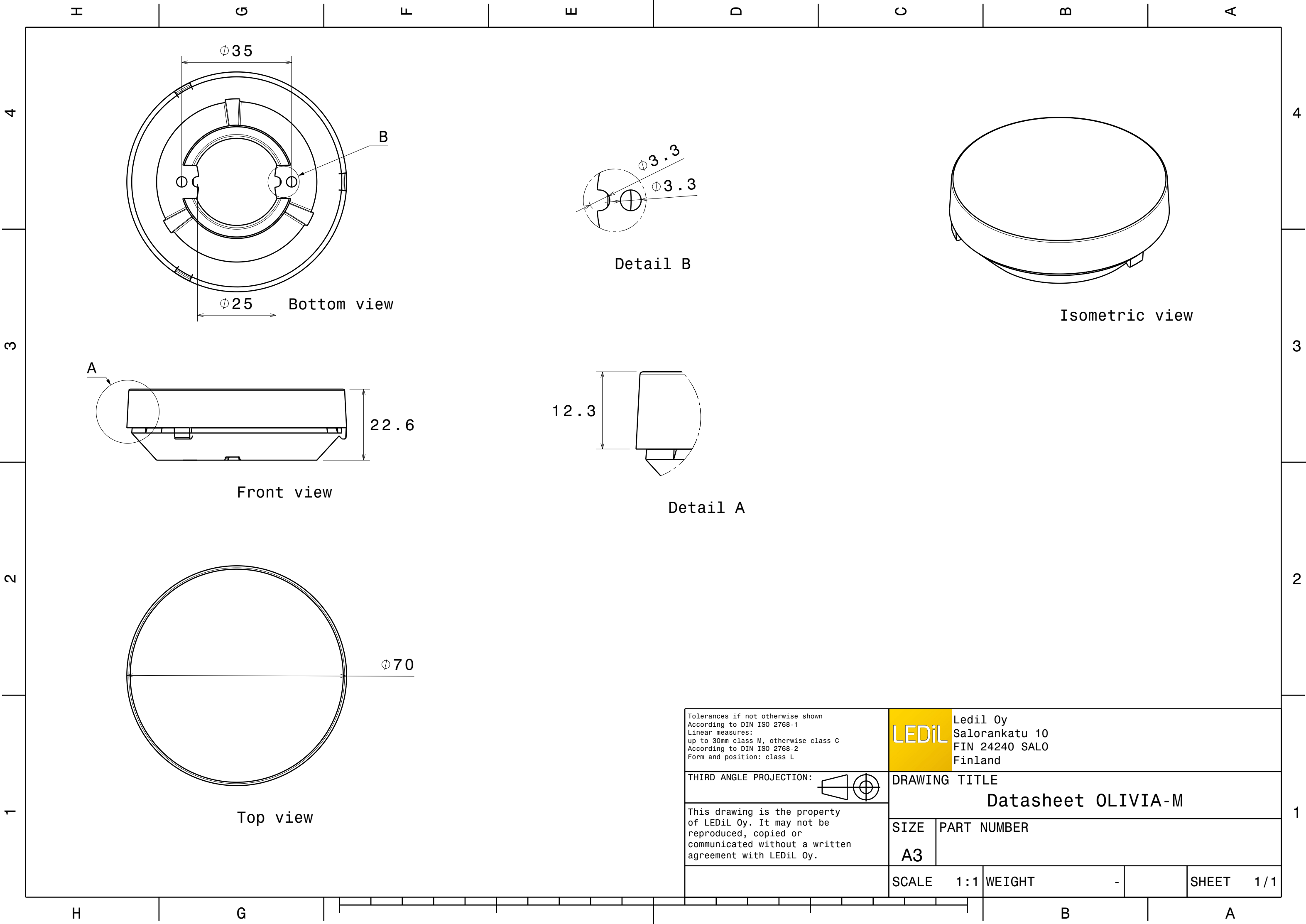
DETAILS

Product Number	FN14828_OLIVIA-M
Family	Olivia
Type	Lens
Color	clear
Diameter	70 mm
Height	22,6 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	25/01/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
CXA/B 1816 & CXA/B 1820 & CXA 1850 30 deg		Medium	82 %	1.500	-
LUXEON CoB 1216	51 deg	Medium	72 %	0.700	BJB: 47.319.2030
Fortimo SLM G5 LES 19 Poke-In	51 deg	Medium	77 %	0.810	-
LUXEON CoB 1211	52 deg	Medium	74 %	0.720	BJB: 47.319.2030
Fortimo SLM G5 LES 13 Poke-In	53 deg	Medium	78 %	0.870	-
Fortimo SLM G5 LES 15 Poke-In	53 deg	Medium	78 %	0.840	-
Fortimo SLM G5 LES 9 Poke-In	54 deg	Medium	81 %	0.980	-
SLE G5 LES15 H	56 deg	Medium	75 %	0.750	-
Mini Zenigata (GW6BM)	57 deg	Medium	77 %	0.880	BJB: 47.319.6180
V10	58 deg	Medium	76 %	0.790	BJB: 47.319.6214
LUXEON CoB 105/107/109	58 deg	Medium	77 %	0.830	BJB: 47.319.6180
CLU700	59 deg	Medium	77 %	0.900	A.A.G. STUCCHI: 8100/G2

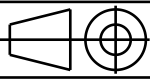


Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE
Datasheet OLIVIA-M

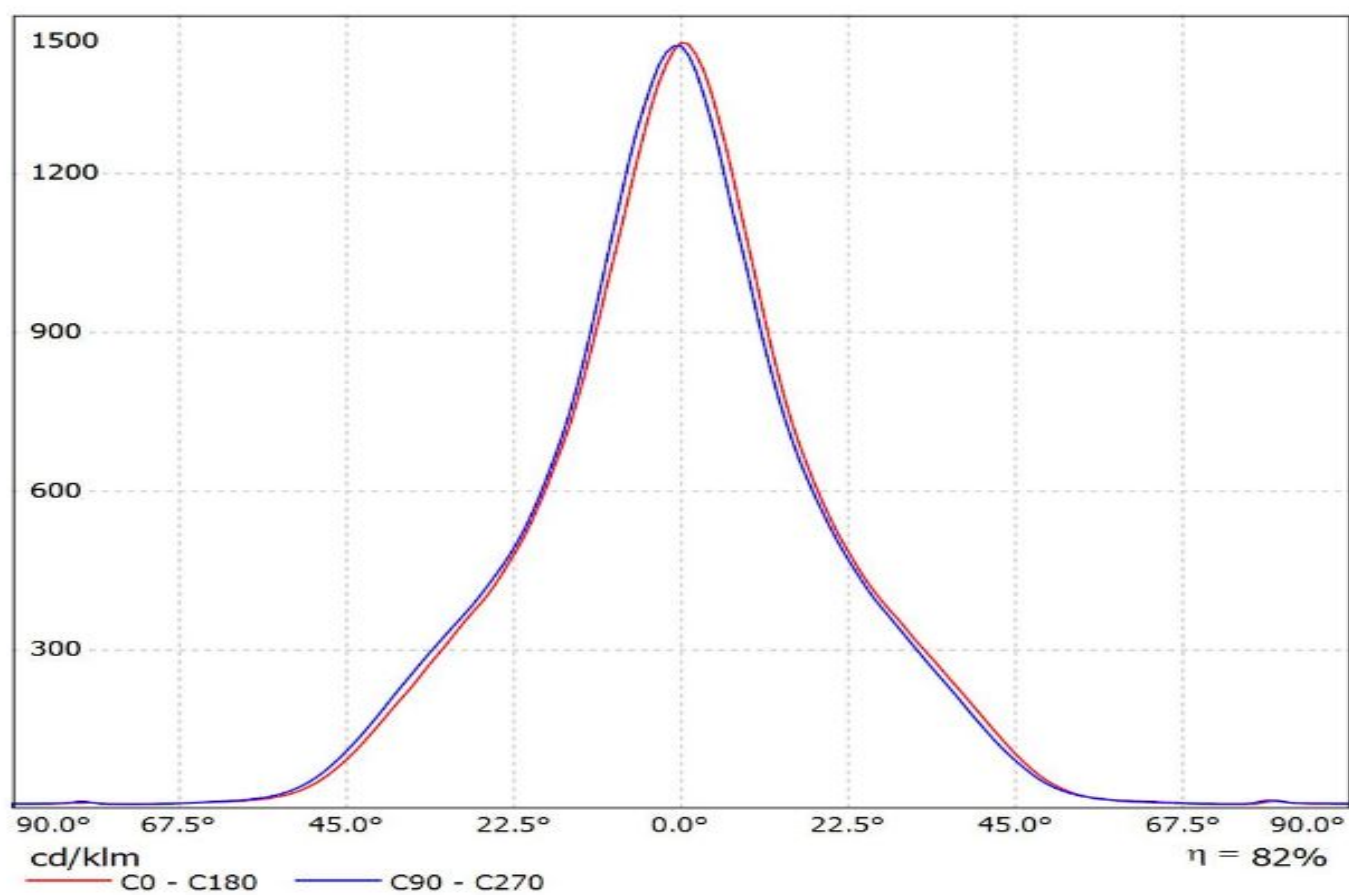
This drawing is the property
of LEDiL Oy. It may not be
reproduced, copied or
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SIZE	PART NUMBER			
A3				

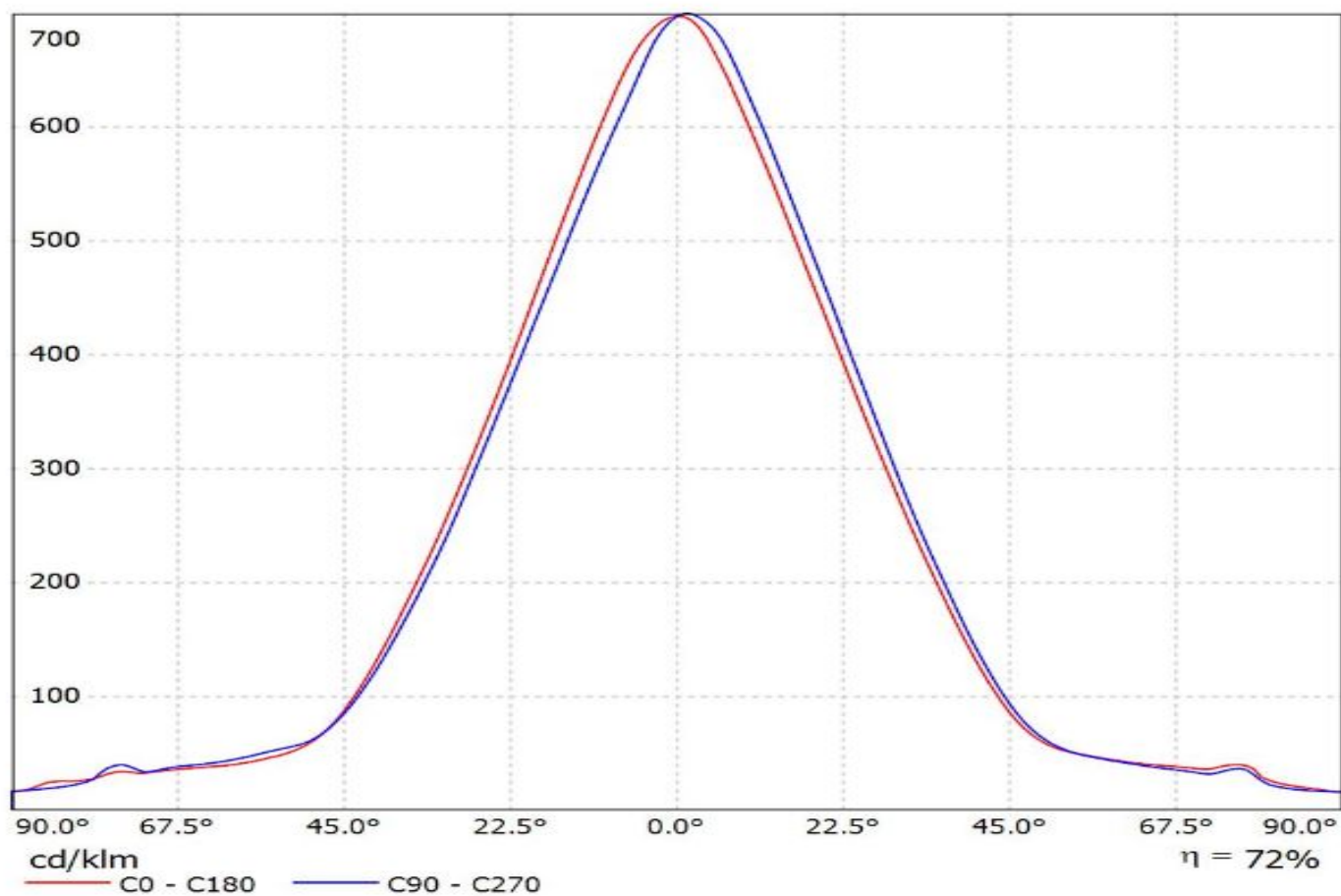
SCALE	1:1	WEIGHT	-		SHEET	1/1
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Luminaire: Ledil FN14828_OLIVIA-M (CXA1850)

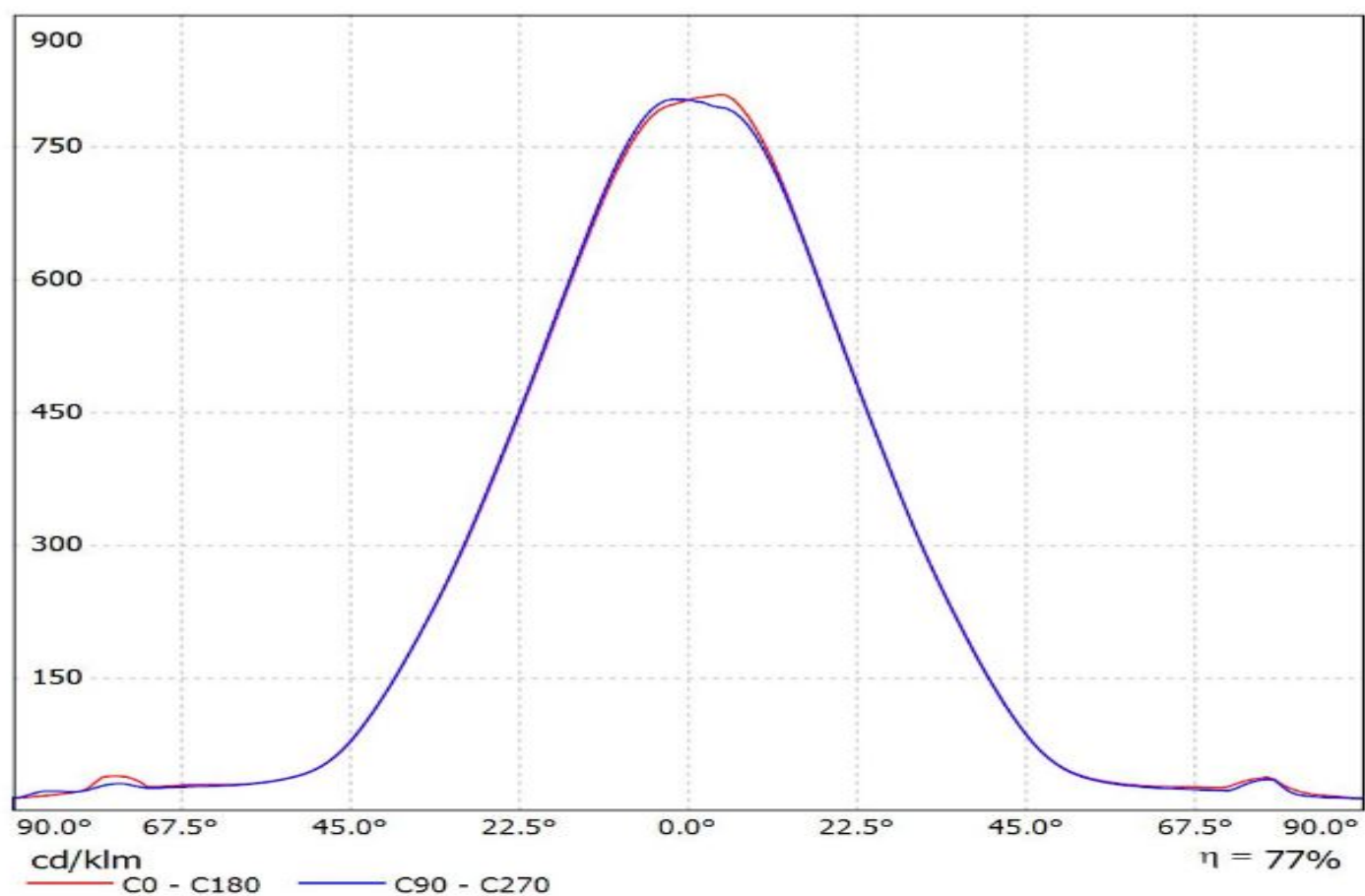
Lamps: 1 x Cree_CXA1850_(CXA1850-30F-T4-N0Y-00001)_822.025lm@250mA_P=8.1675W_I=0.25A



Luminaire: Ledil FN14828_OLIVIA-M +_BJB-47.319.2030_(CoB_1216)
Lamps: 1 x CoB_1216+_BJB-47.319.2030_1474.77lm@250mA_P=8.0028W_I=0.250A

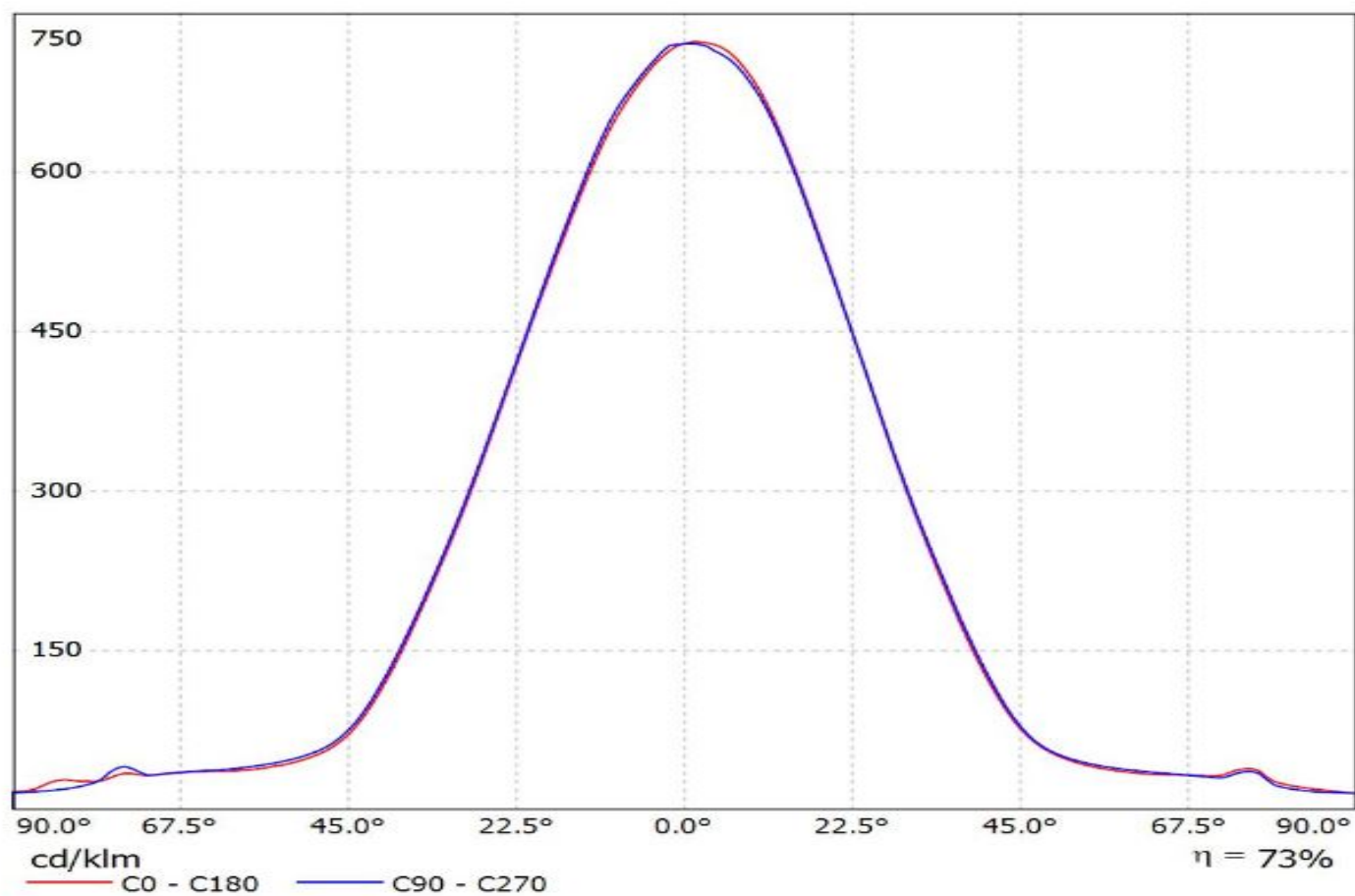


Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES19)
Lamps: 1 x Fortimo_SLM_G5_LES19_1452.46lm@250mA_P=8.0808W_I=0.25A

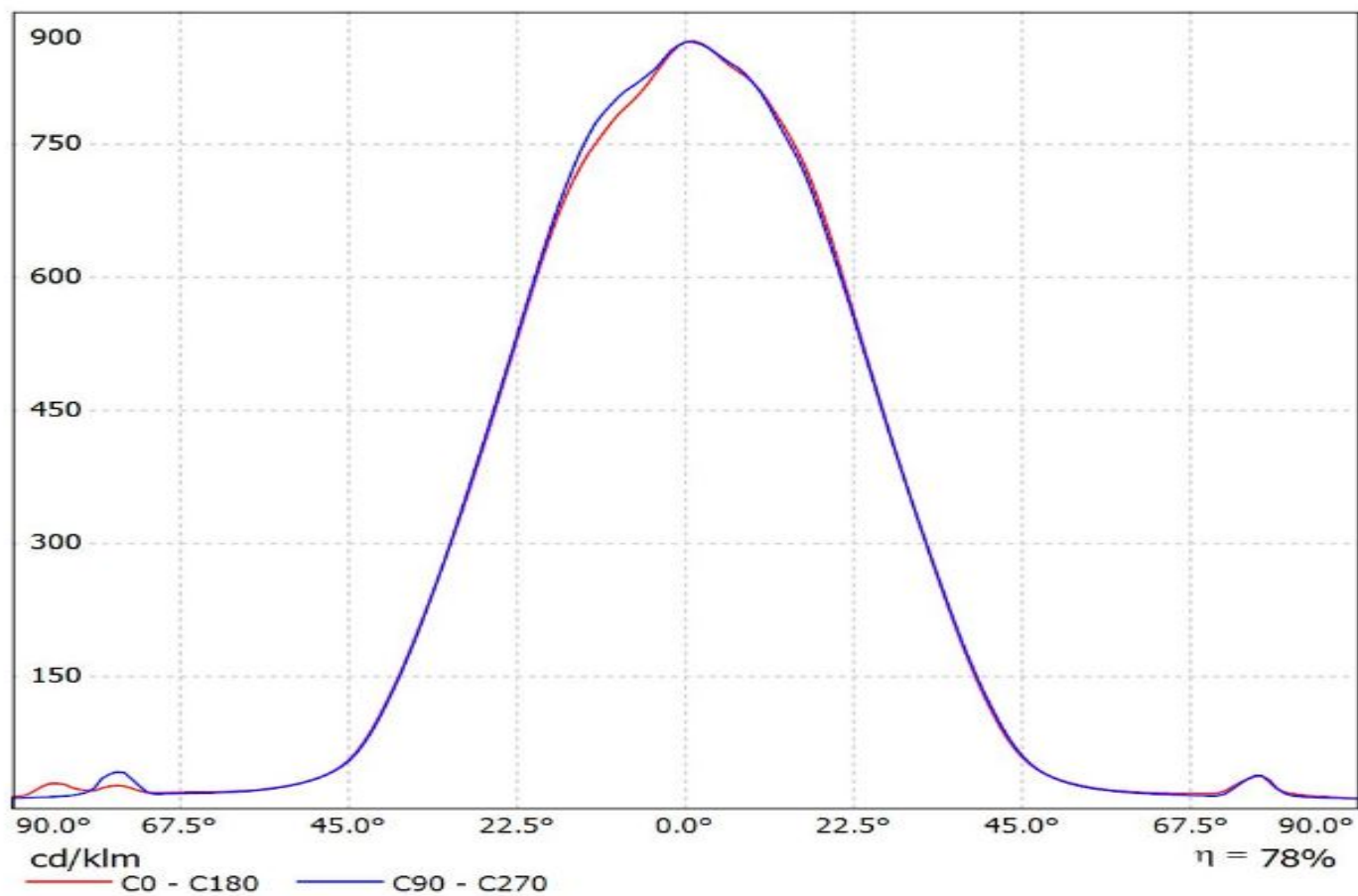


Luminaire: Ledil FN14828_OLIVIA-M_+_BJB-47.319.2030_(CoB_1211)

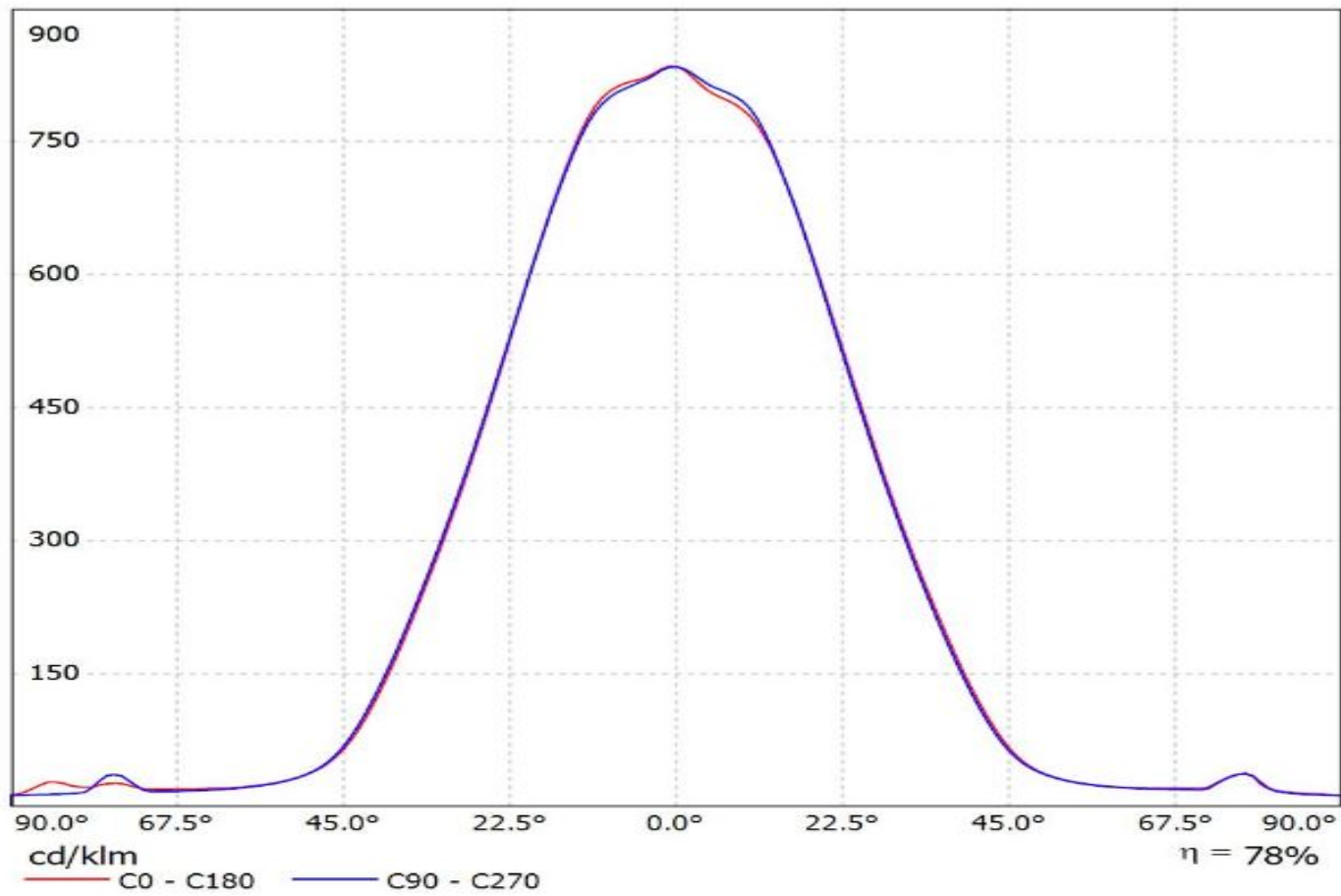
Lamps: 1 x Luxeon_CoB_1211_+_BJB-47.319.2030_1358.97lm@250mA_P=8.0635W_I=0.250A



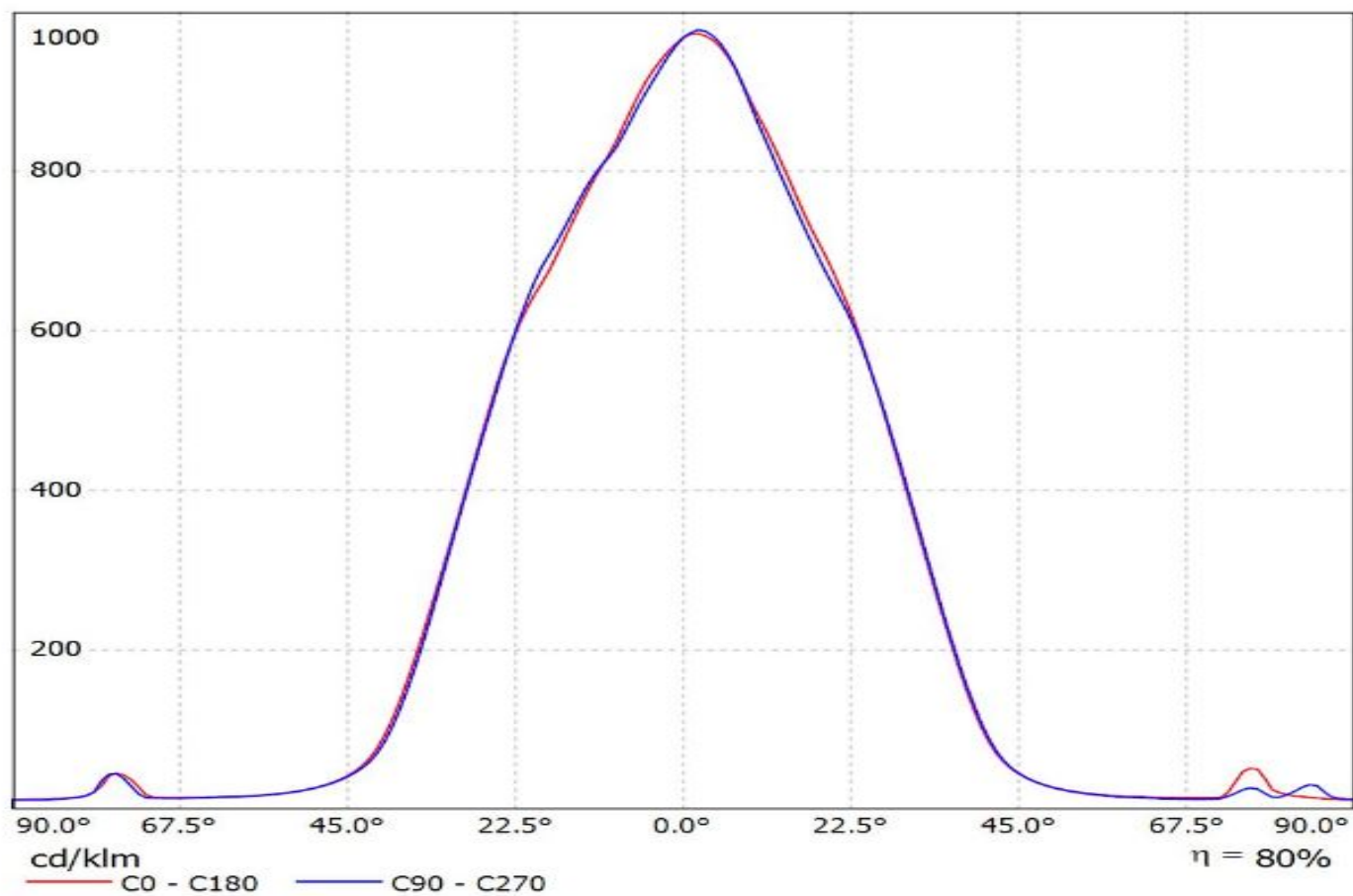
Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES13)
Lamps: 1 x Fortimo_SLM_G5_LES13_1379.46lm@250mA_P=8.4550W_I=0.25A



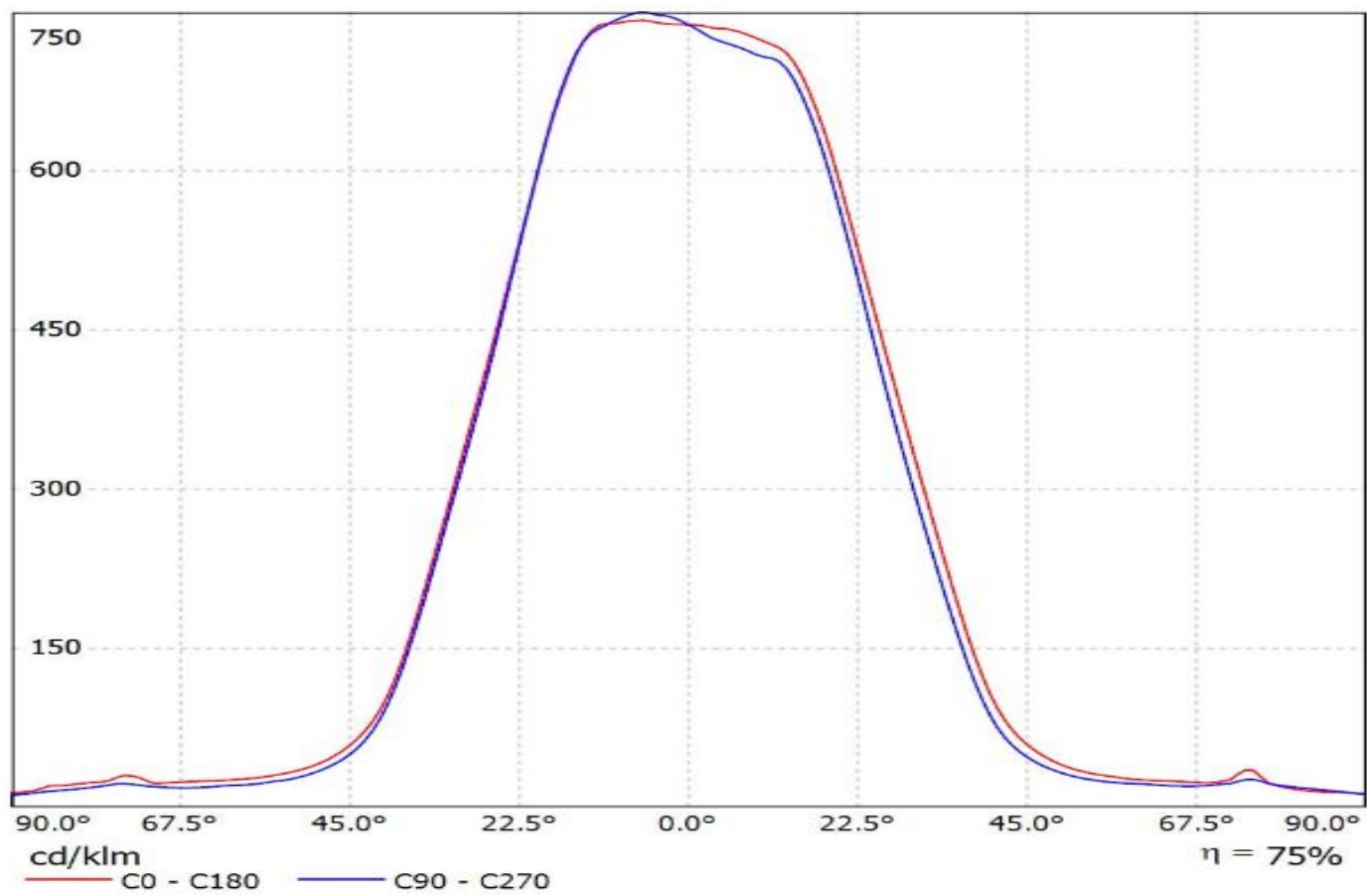
Luminaire: Ledil FN14828_OLIVIA-M (Fortimo_SLM_G5_LES15)
Lamps: 1 x Fortimo_SLM_G5_LES15_1318.47lm@250mA_P=8.2063W_I=0.25A



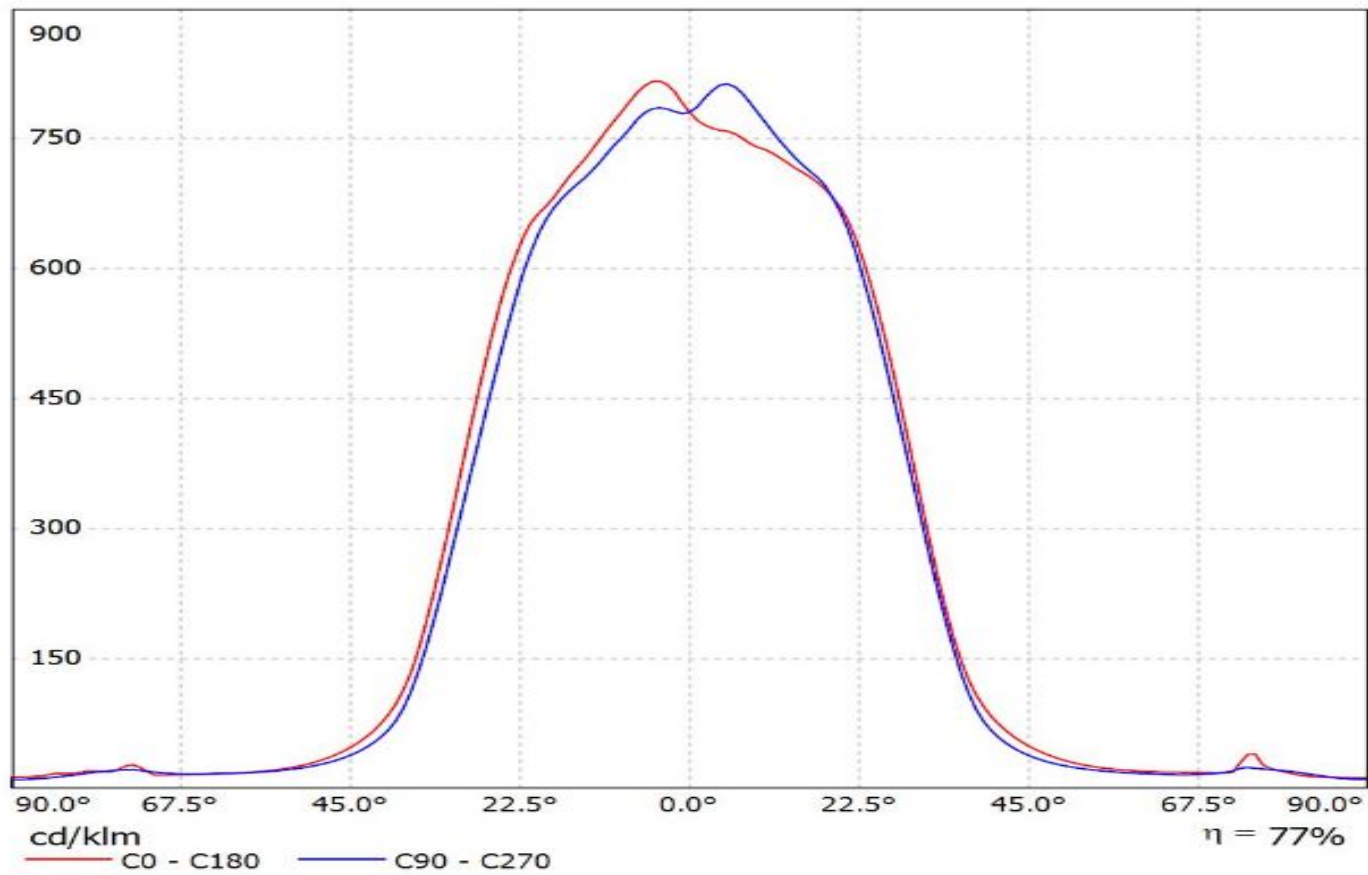
Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES9)
Lamps: 1 x Fortimo_SLM_G5_LES9_1128.27lm@250mA_P=8.6495W_I=0.25A



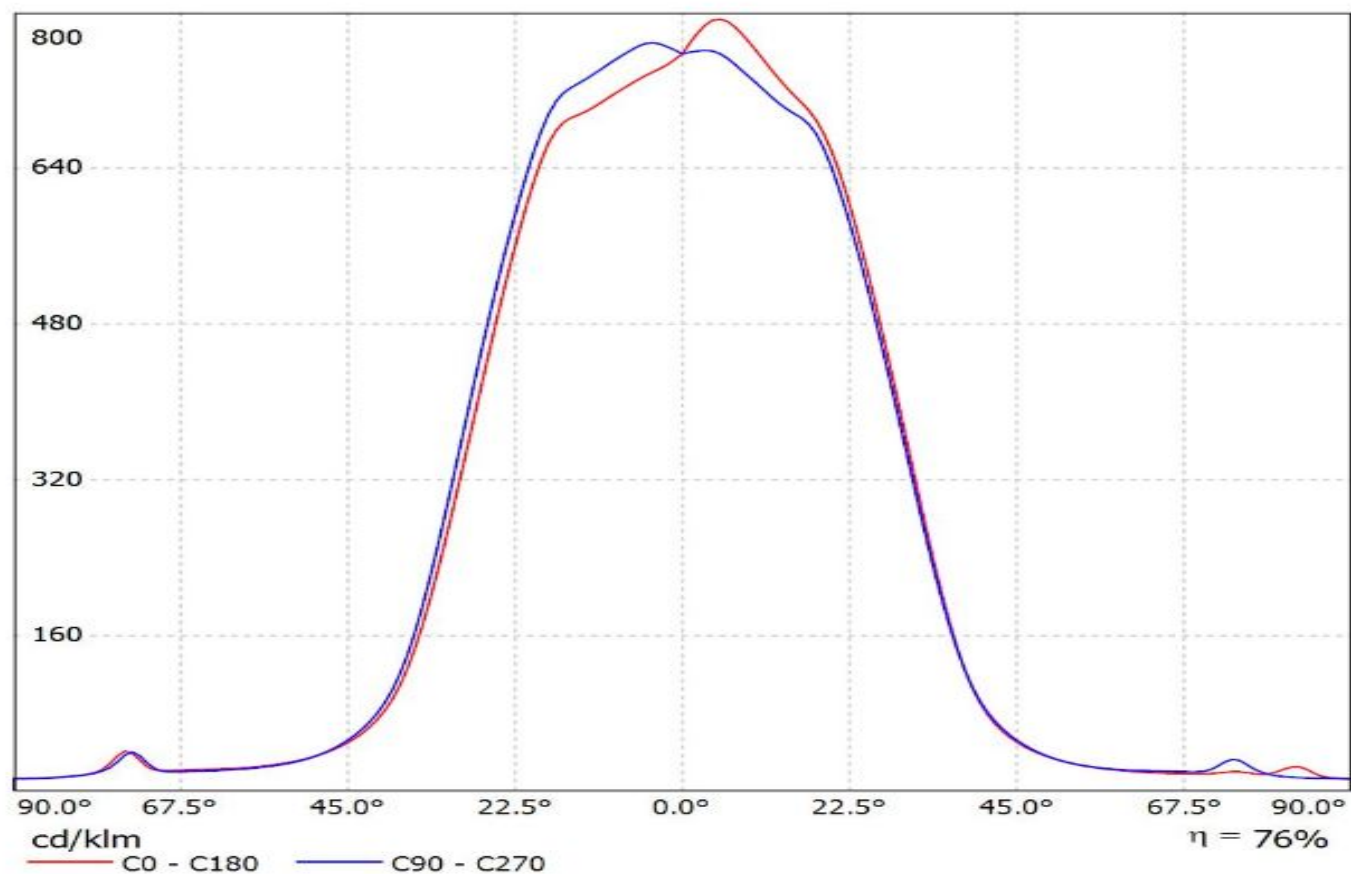
Luminaire: Ledil FN14828_OLIVIA-M_(Tridonic_SLE_G5_15mm_LES_15_H)
Lamps: 1 x Tridonic_SLE_G5_15mm_LES_15_H_1229.27lm@250mA_P=8.8865W_I=0.25A



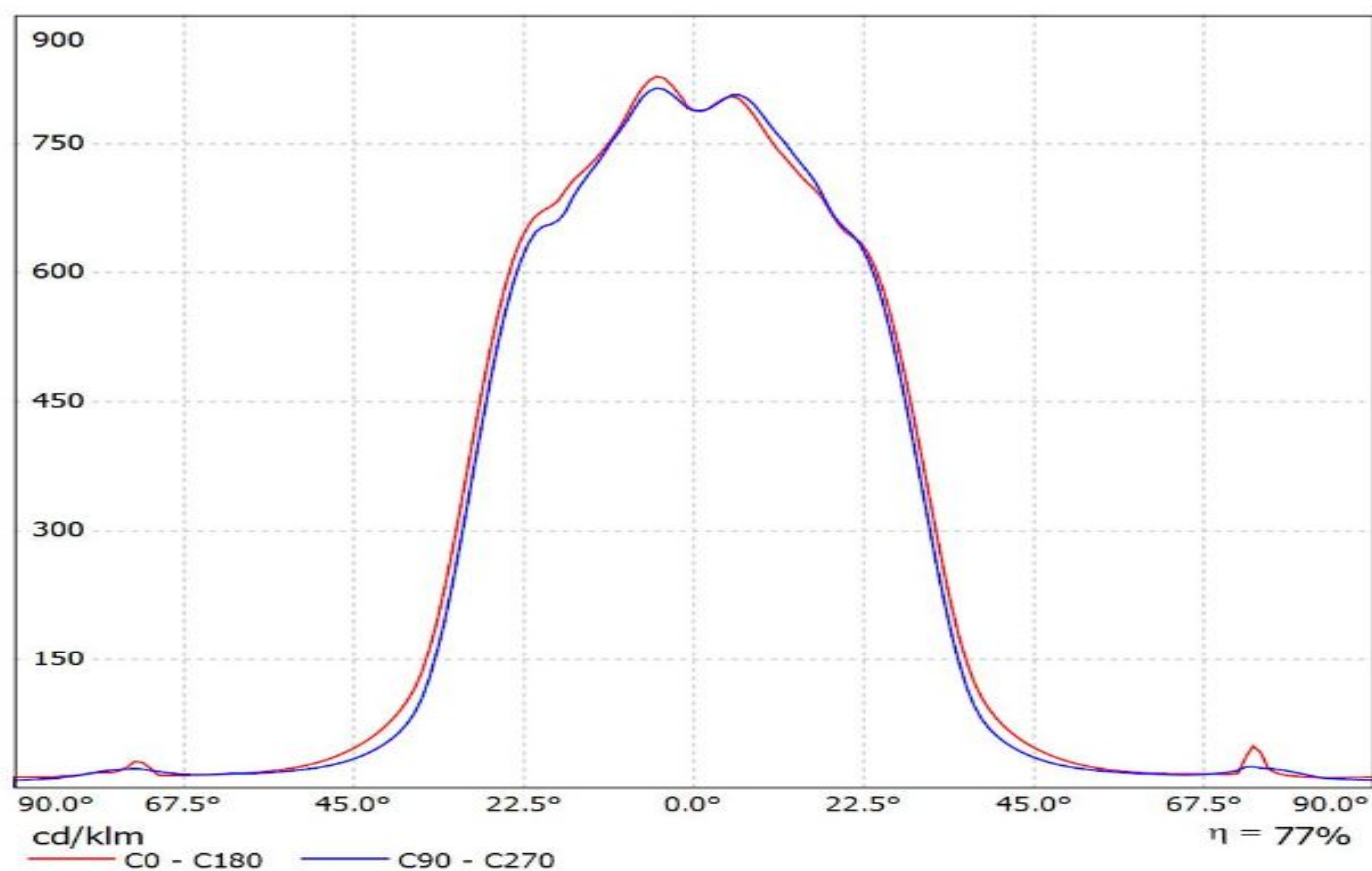
Luminaire: Ledil FN14828_OLIVIA-M_(MiniZenigata+BJB)
Lamps: 1 x Sharp_MiniZenigata_(GW6BMR30HED)
+_BJB_47.319.6180_792.376lm@250mA_P=8.7960W_I=0.25A



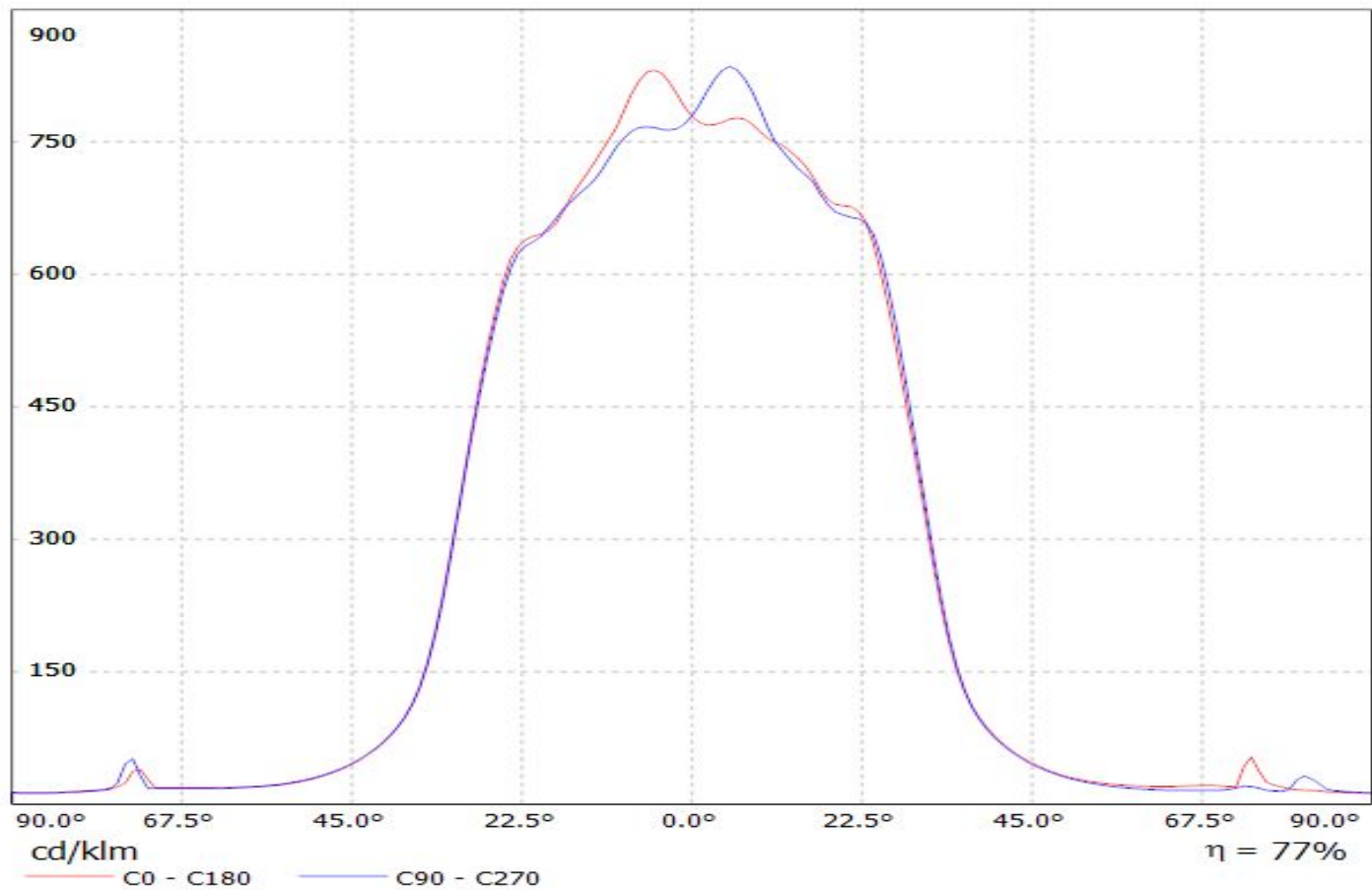
Luminaire: Ledil FN14828_OLIVIA-M_(V10+BJB)
Lamps: 1 x Bridgelux_V10_(BXRE-30E1000-B-23)
+_BJB_47.319.6124.50_894.282lm@250mA_CCT=3000K_P=6.5685W_I=0.25A



Luminaire: Ledil FN14828_OLIVIA-M_(COB109+BJB)
Lamps: 1 x Luxeon_COB109_(L2C3-2780109E06000)
+_BJB_47.319.6180_991.076lm@250mA_CCT=2700K_P=8.7657W_I=0.25A

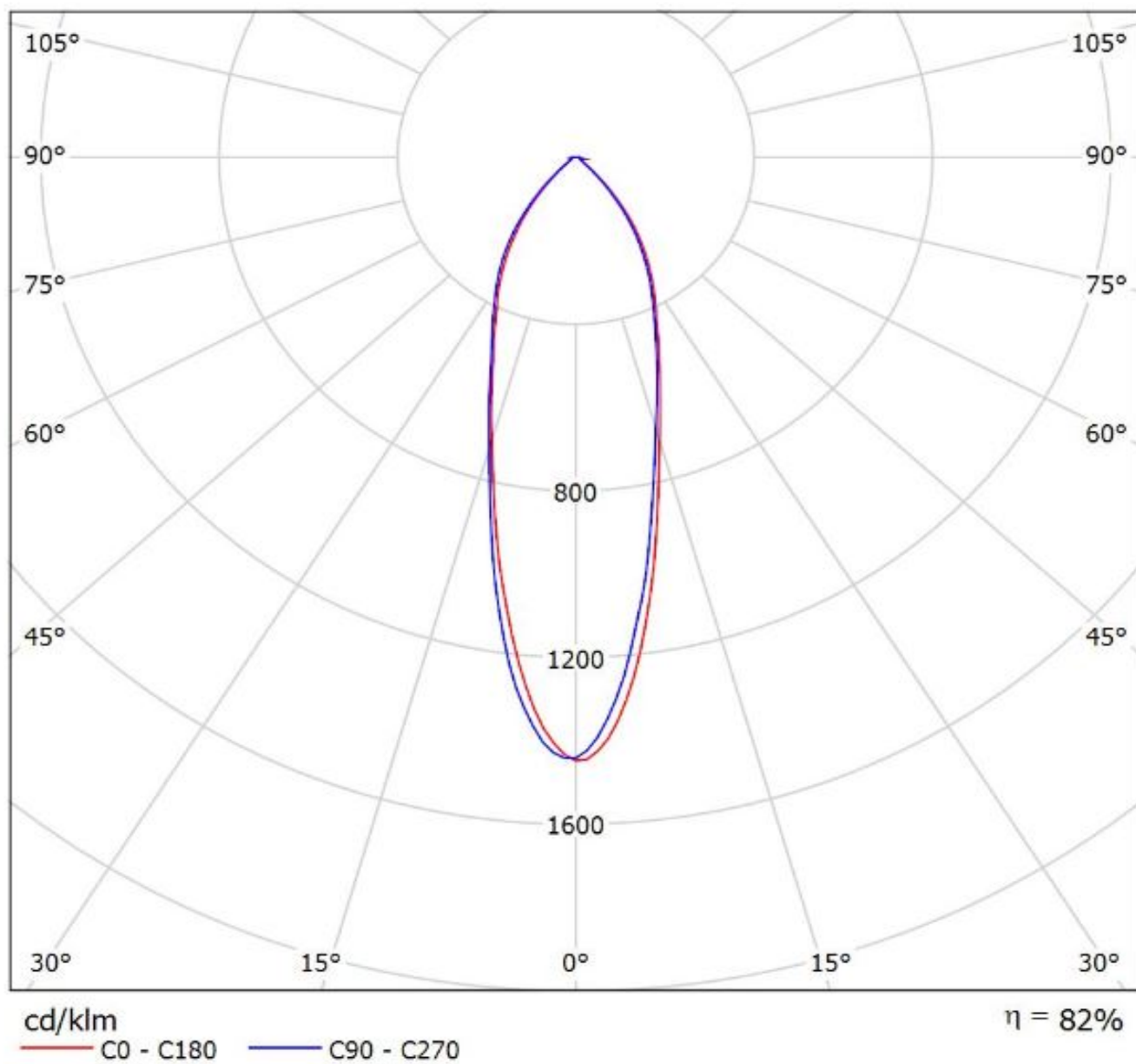


Luminaire: Ledil FN14828_OLIVIA-M_(CLU700_+8100/G2)
Lamps: 1 x Citizen_CLU700-1002B8-503M2G1_331.723lm@100mA_P=2.824W_I=0.1A



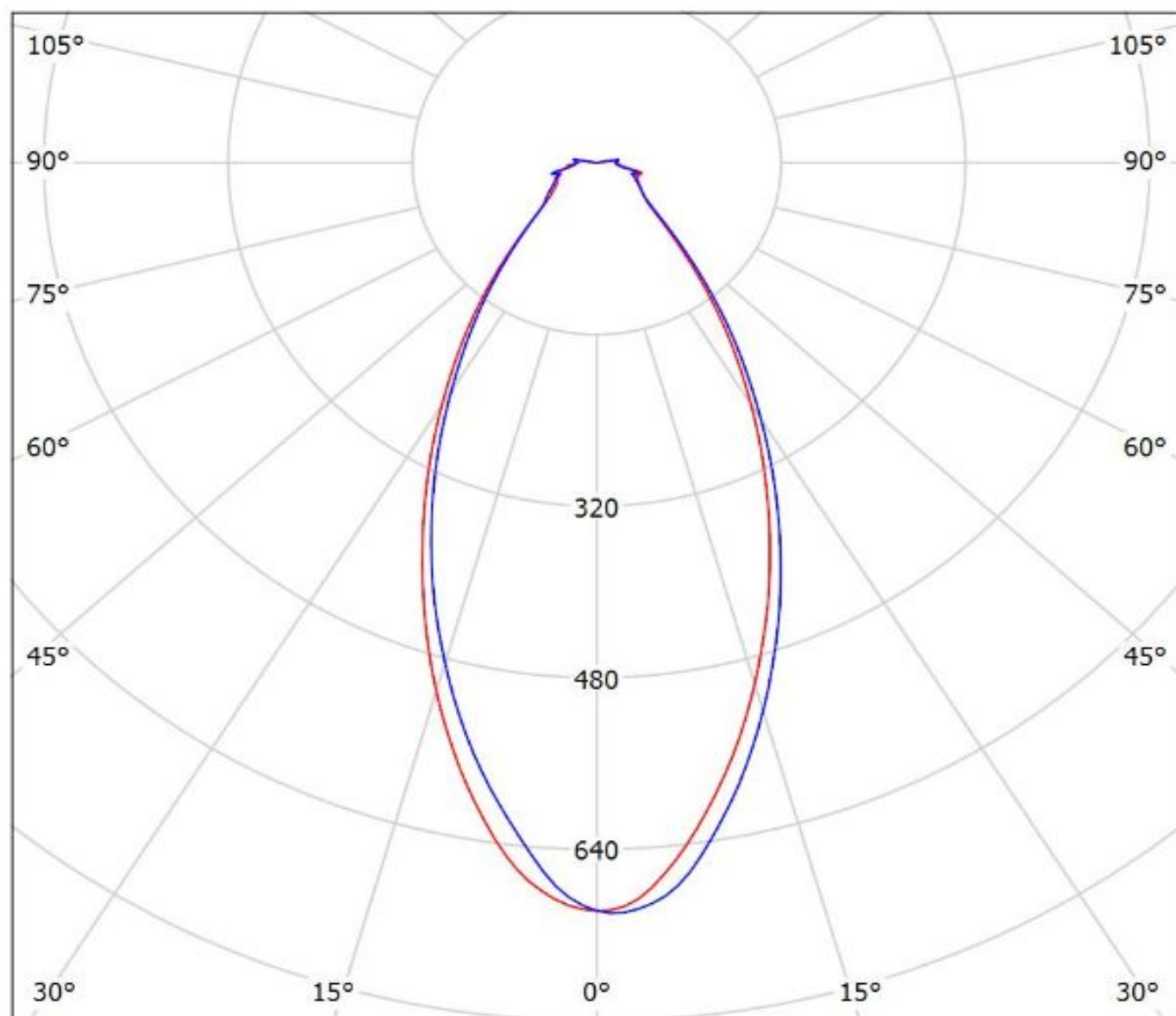
Luminaire: Ledil FN14828_OLIVIA-M (CXA1850)

Lamps: 1 x Cree_CXA1850_(CXA1850-30F-T4-N0Y-00001)_822.025lm@250mA_P=8.1675W_I=0.25A



Luminaire: Ledil FN14828_OLIVIA-M_+_BJB-47.319.2030_(CoB_1216)

Lamps: 1 x CoB_1216_+_BJB-47.319.2030_1474.77lm@250mA_P=8.0028W_I=0.250A



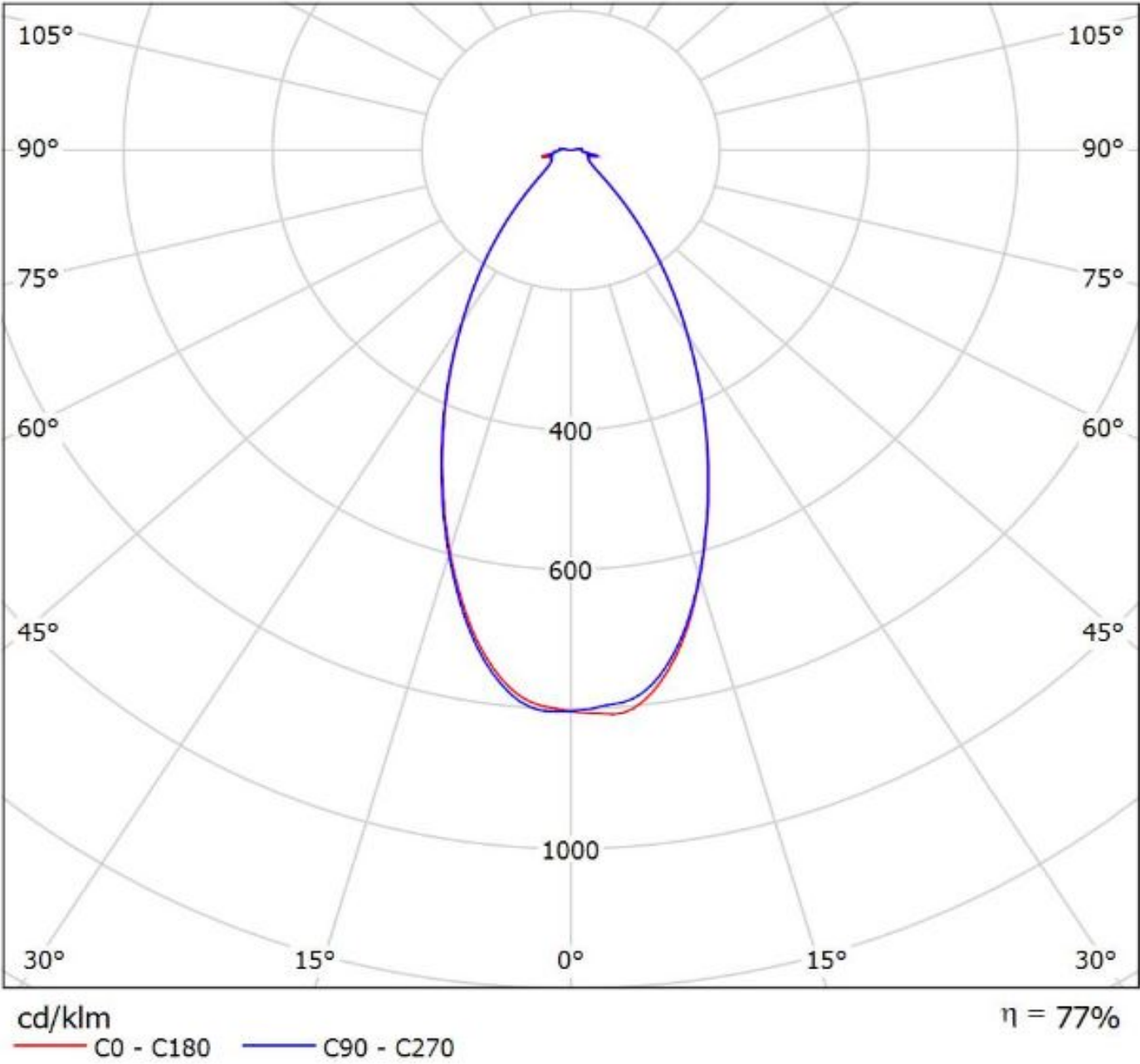
cd/klm

— C0 - C180

— C90 - C270

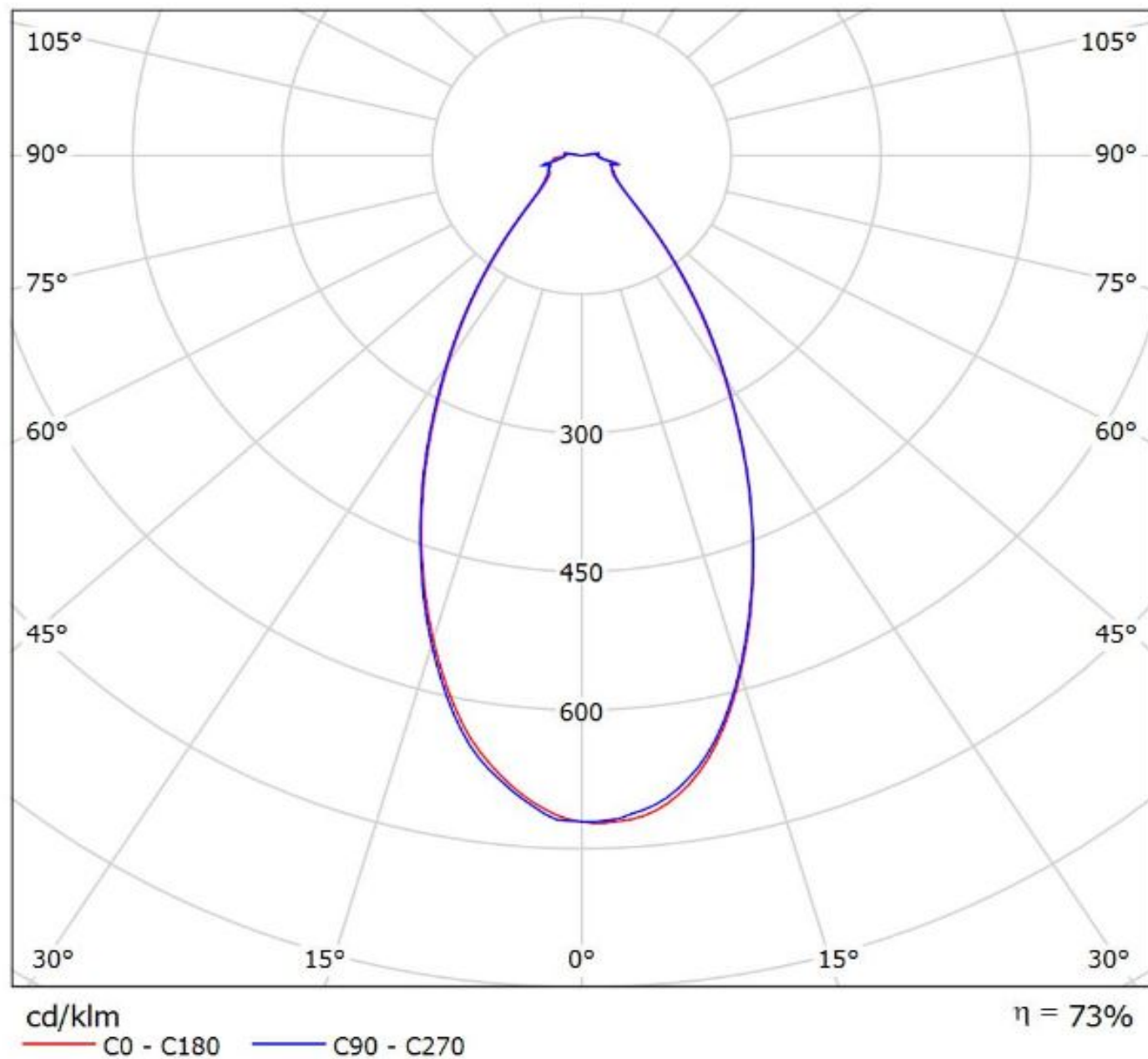
$\eta = 72\%$

Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES19)
Lamps: 1 x Fortimo_SLM_G5_LES19_1452.46lm@250mA_P=8.0808W_I=0.25A

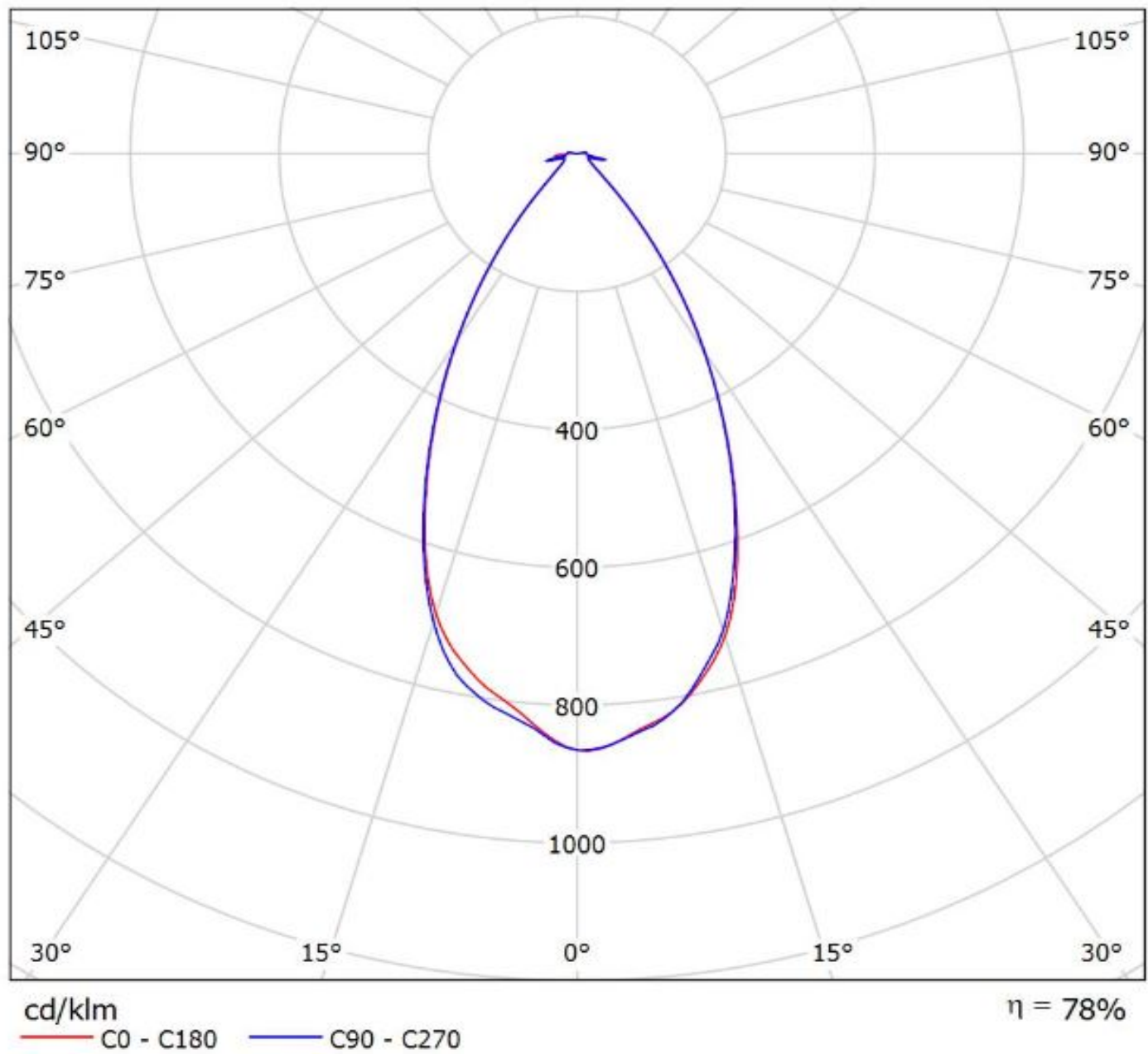


Luminaire: Ledil FN14828_OLIVIA-M_+_BJB-47.319.2030_(CoB_1211)

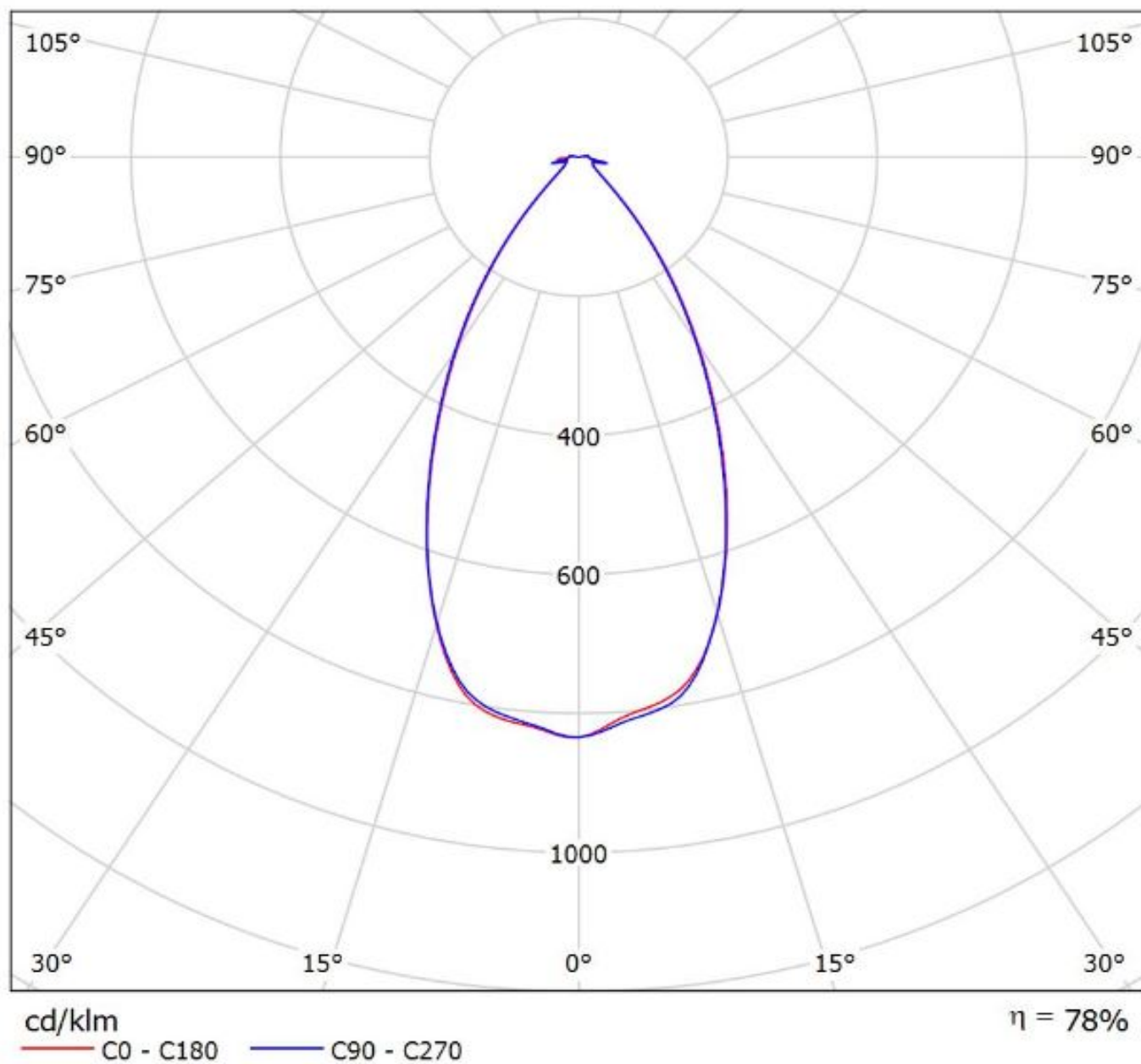
Lamps: 1 x Luxeon_CoB_1211_+_BJB-47.319.2030_1358.97lm@250mA_P=8.0635W_I=0.250A



Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES13)
Lamps: 1 x Fortimo_SLM_G5_LES13_1379.46lm@250mA_P=8.4550W_I=0.25A

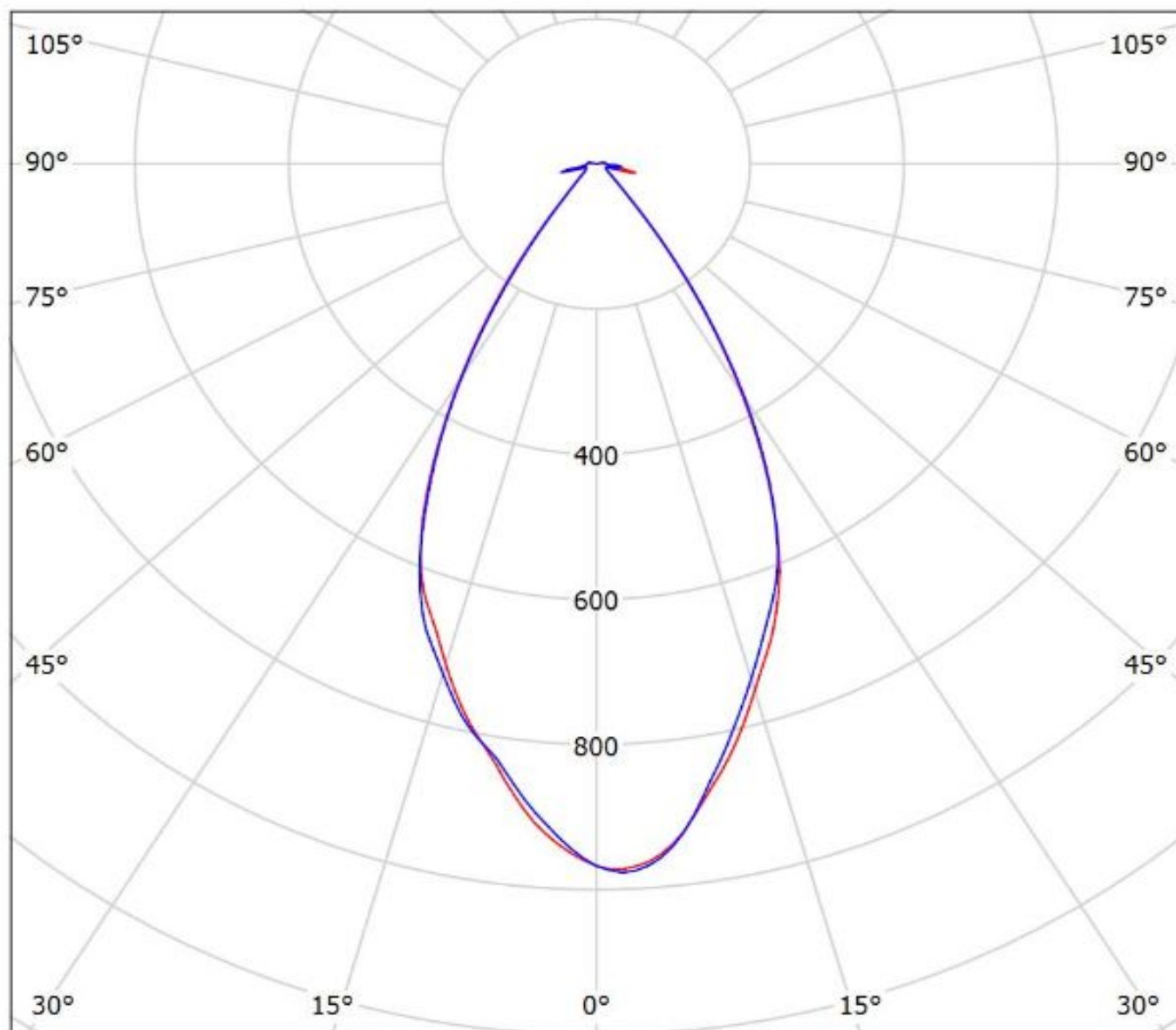


Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES15)
Lamps: 1 x Fortimo_SLM_G5_LES15_1318.47lm@250mA_P=8.2063W_η=0.25A



Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES9)

Lamps: 1 x Fortimo_SLM_G5_LES9_1128.27lm@250mA_P=8.6495W_I=0.25A



cd/klm

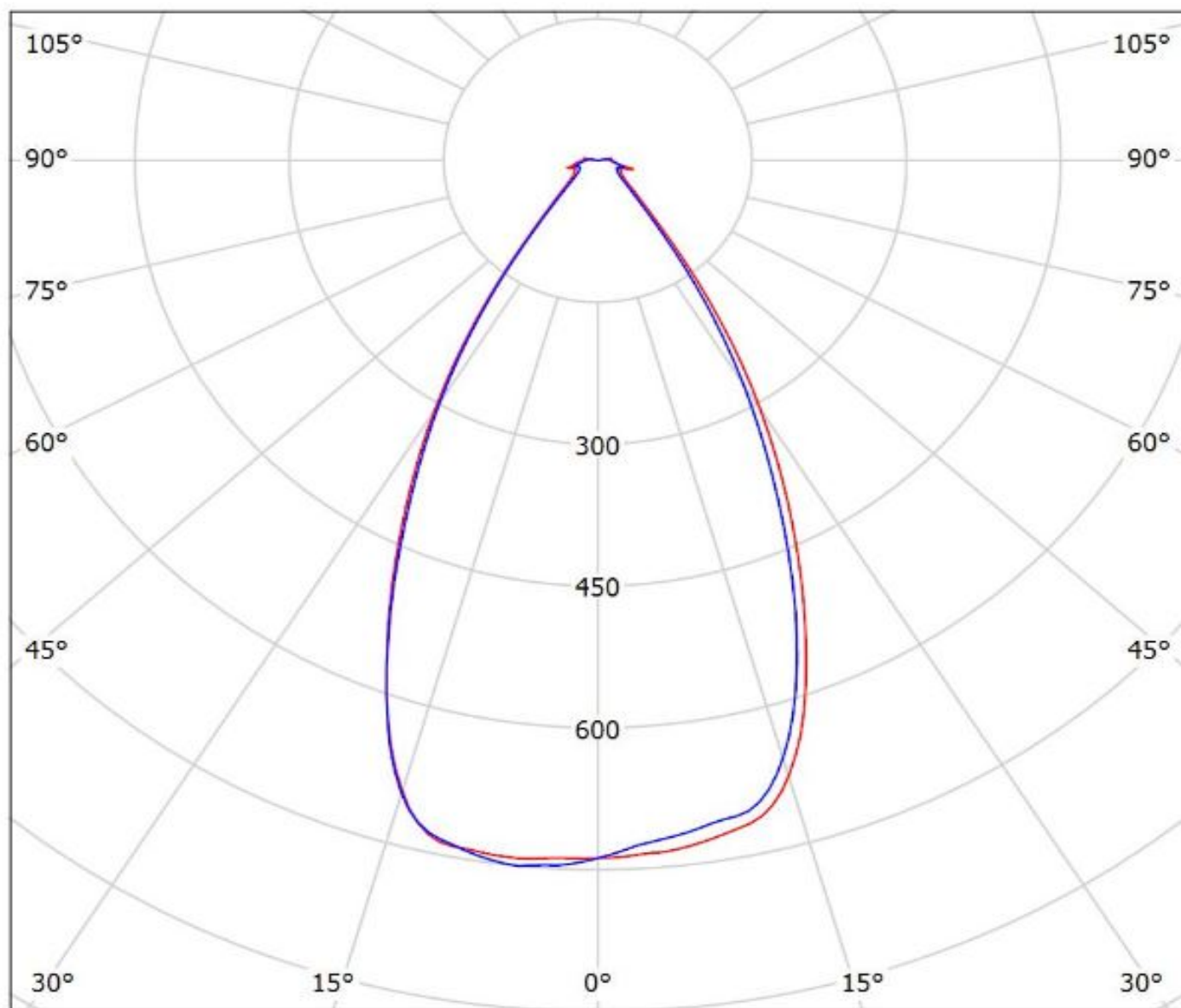
— C0 - C180

— C90 - C270

η = 80%

Luminaire: Ledil FN14828_OLIVIA-M_(Tridonic_SLE_G5_15mm_LES_15_H)

Lamps: 1 x Tridonic_SLE_G5_15mm_LES_15_H_1229.27lm@250mA_P=8.8865W_I=0.25A



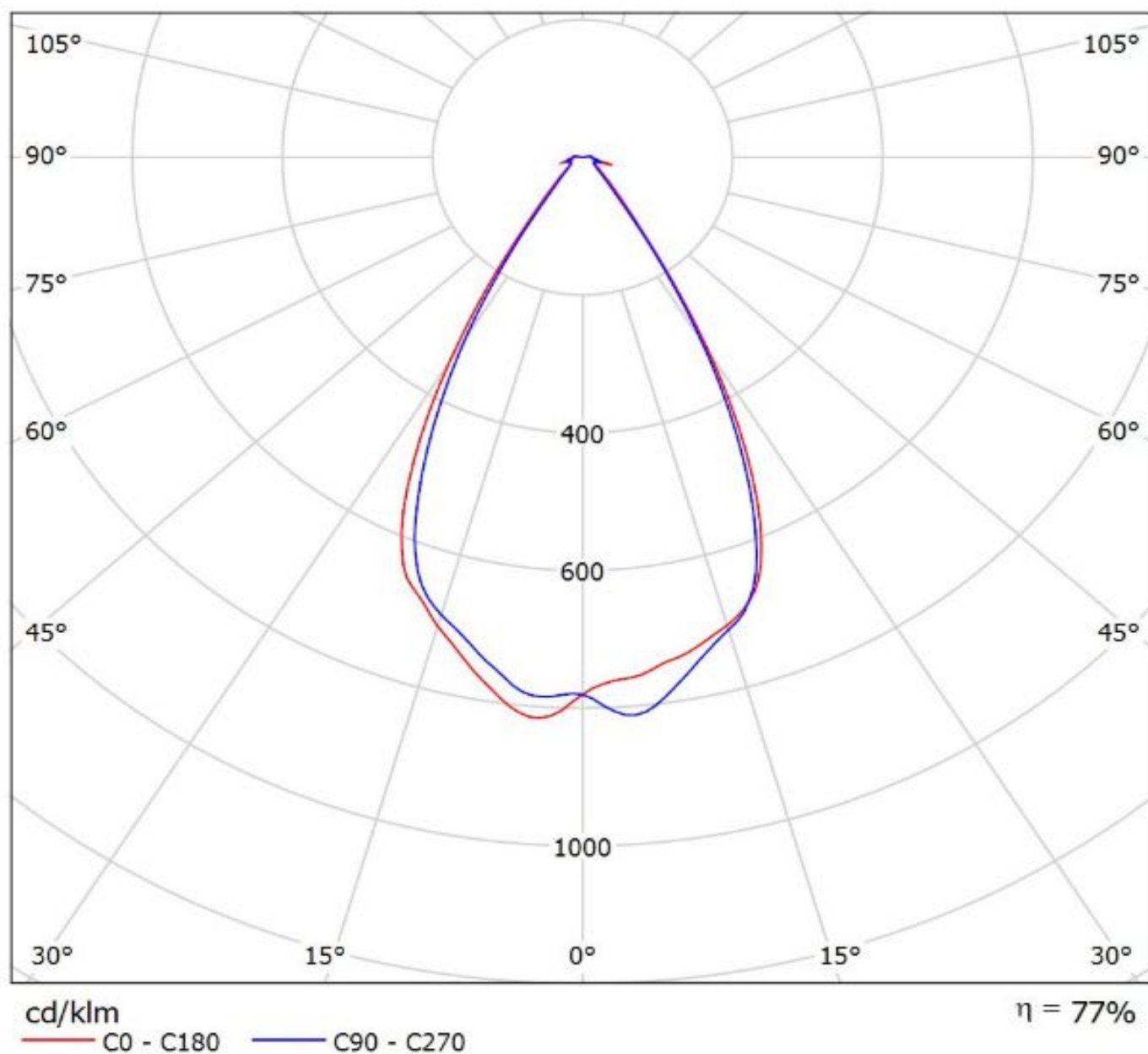
cd/klm

— C0 - C180

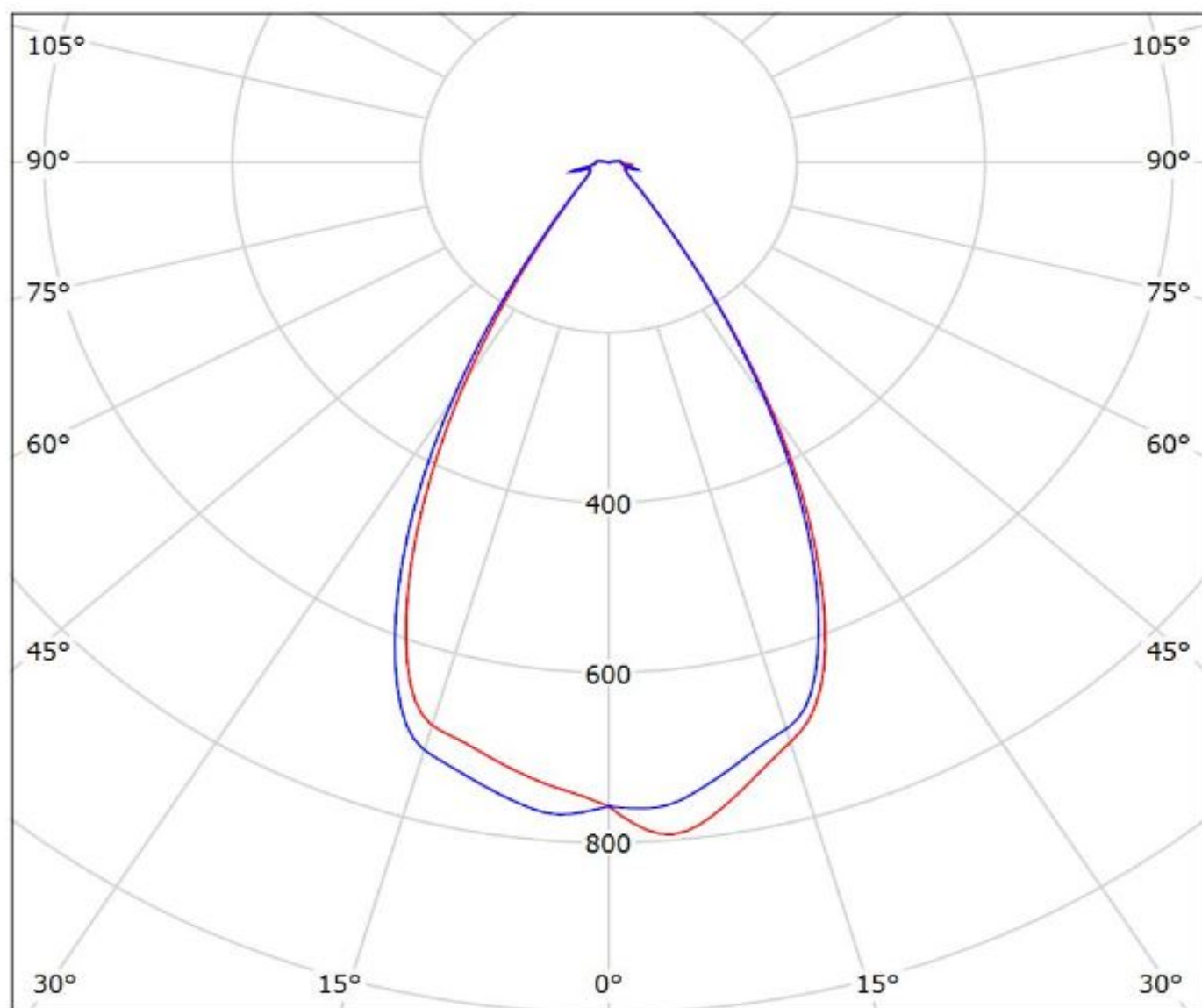
— C90 - C270

$\eta = 75\%$

Luminaire: Ledil FN14828_OLIVIA-M_(MiniZenigata+BJB)
Lamps: 1 x Sharp_MiniZenigata_(GW6BMR30HED)
+_BJB_47.319.6180_792.376lm@250mA_P=8.7960W_I=0.25A



Luminaire: Ledil FN14828_OLIVIA-M_(V10+BJB)
Lamps: 1 x Bridgelux_V10_(BXRE-30E1000-B-23)
+_BJB_47.319.6124.50_894.282lm@250mA_CCT=3000K_P=6.5685W_I=0.25A



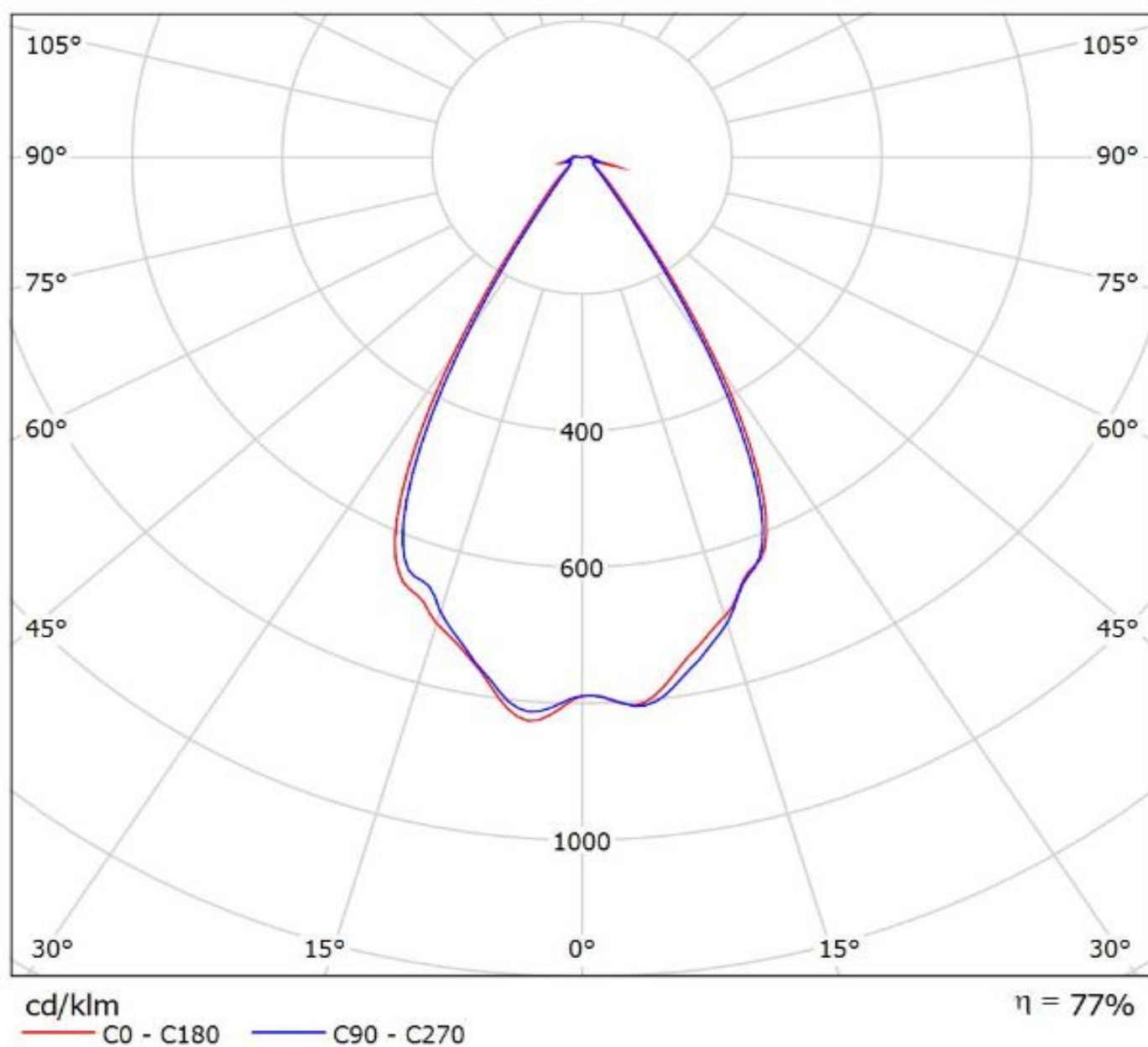
cd/klm

— C0 - C180

— C90 - C270

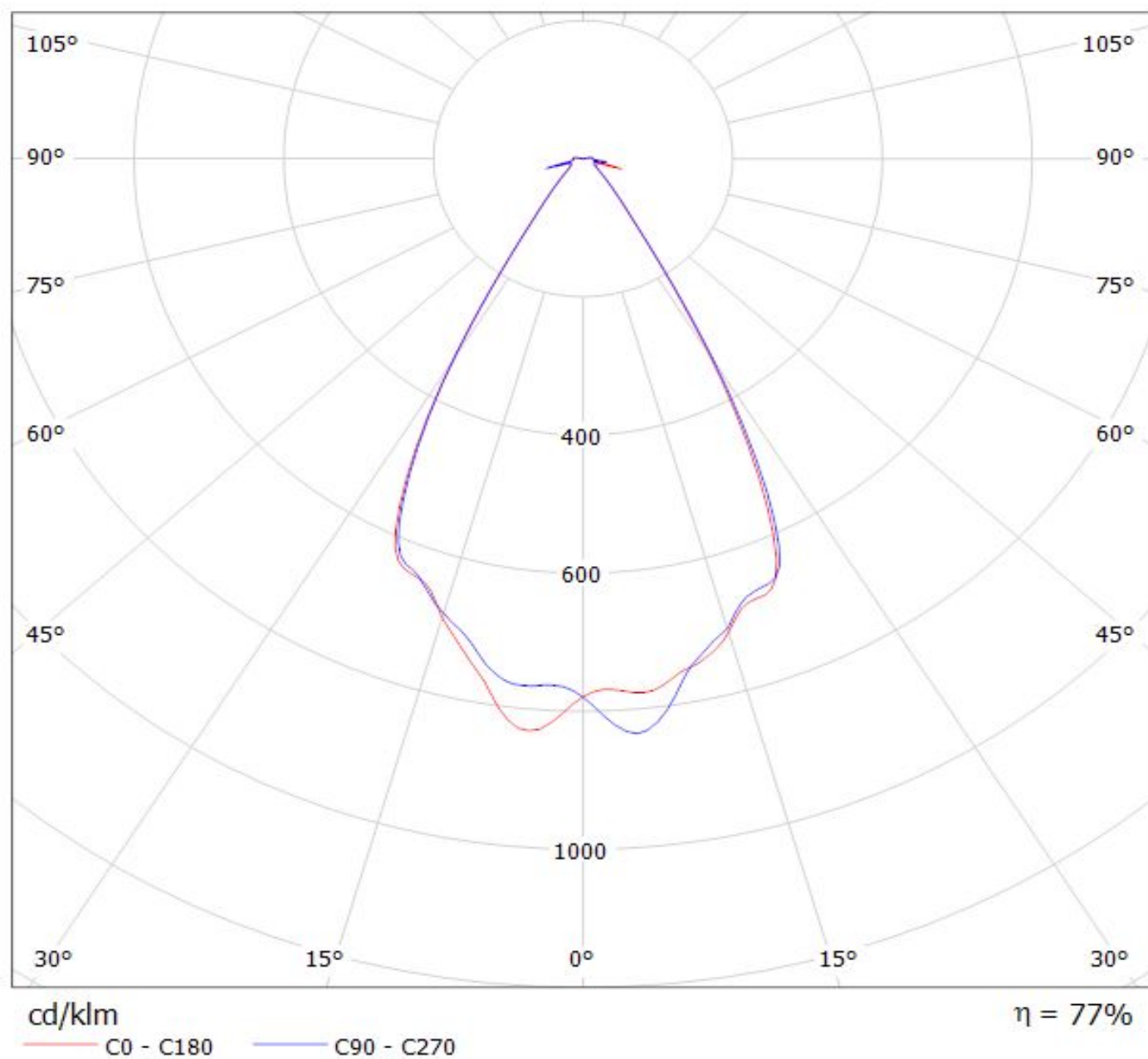
$\eta = 76\%$

Luminaire: Ledil FN14828_OLIVIA-M_(COB109+BJB)
Lamps: 1 x Luxeon_COB109_(L2C3-2780109E06000)
+_BJB_47.319.6180_991.076lm@250mA_CCT=2700K_P=8.7657W_I=0.25A



Luminaire: Ledil FN14828_OLIVIA-M_(CLU700_+8100/G2)

Lamps: 1 x Citizen_CLU700-1002B8-503M2G1_331.723lm@100mA_P=2.824W_I=0.1A



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.