

DETAILS

Product Number	FN14828_OLIVIA-M
Family	Olivia
Type	Pack
Color	clear
Diameter	70 mm
Height	22,6 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	2/02/2017



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
V10 Gen6	58 deg	Medium	76 %	0.790	BJB: 47.319.6214
Xenio Point 13mm	48 deg	Medium	83 %	1.060	LEDiL: LEDiL
Xenio Point 18mm	49 deg	Medium	81 %	0.920	LEDiL: LEDiL
Vero SE 18	52 deg	Medium	78 %	0.820	-
Vero SE 13	54 deg	Medium	80 %	0.880	-
V10 Gen7	57 deg	Medium	76 %	0.800	BJB: 47.319.6060
V22 Gen7	sim: 48	Medium	sim: 82 %	sim: 0.921	BJB: 47.319.2030
V13 Gen7	sim: 58	Medium	sim: 89 %	sim: 0.800	TE: 2213254-2
V13 Gen7	sim: 44	Medium	sim: 94 %	sim: 1.270	Bender Wirth: 477 Typ Z1
V13 Gen7	sim: 43	Medium	sim: 90 %	sim: 0.860	BJB: 47.319.2021
V13 Gen7	sim: 50	Medium	sim: 93 %	sim: 1.100	TE: 2213254-1
CLU700/701	59 deg	Medium	77 %	0.900	A.A.G. STUCCHI: 8100/G2
CXA/B 1816 & CXA/B 1820 & CXA 1850	30 deg	Medium	82 %	1.500	-
LUXEON CoB Compact	58 deg	Medium	77 %	0.830	BJB: 47.319.6180
LUXEON CoB 1211	52 deg	Medium	74 %	0.720	BJB: 47.319.2030
LUXEON CoB 1216	51 deg	Medium	72 %	0.700	BJB: 47.319.2030
Fortimo SLM G5 LES 9 Poke-In	54 deg	Medium	81 %	0.980	-
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 19 Poke-In	51 deg	Medium	77 %	0.810	-
Fortimo SLM 1211 L19 G6 Poke-In	51 deg	Medium	77 %	0.800	-
COB D Series LES 9.8 mm	57 deg	Medium	77 %	0.820	BJB: 47.319.6060
COB D Series LES 9.8 mm	57 deg	Medium	77 %	0.820	A.A.G. STUCCHI: 8100/G2
COB D Series LES 14.5 mm	55 deg	Medium	76 %	0.750	A.A.G. STUCCHI: 8101/G2
COB D Series LES 14.5 mm	55 deg	Medium	76 %	0.750	BJB: 47.319.2021



PRODUCT DATASHEET

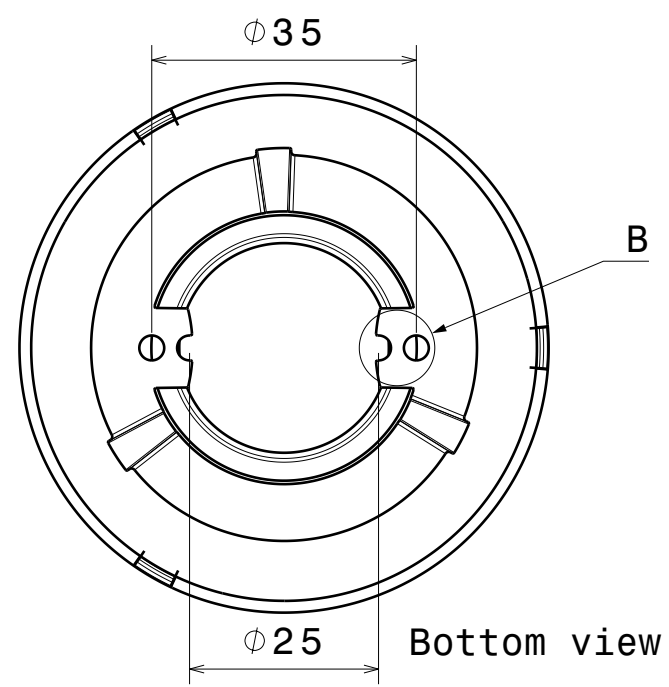
Olivia series

last update 2/2/2017

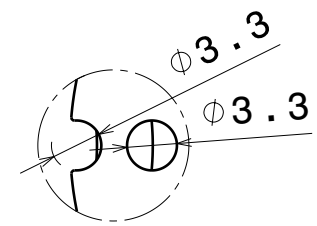
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
Mini Zenigata (GW6BM)	57 deg	Medium	77 %	0.880	BJB: 47.319.6180
SLE G5 LES15 H	56 deg	Medium	75 %	0.750	-

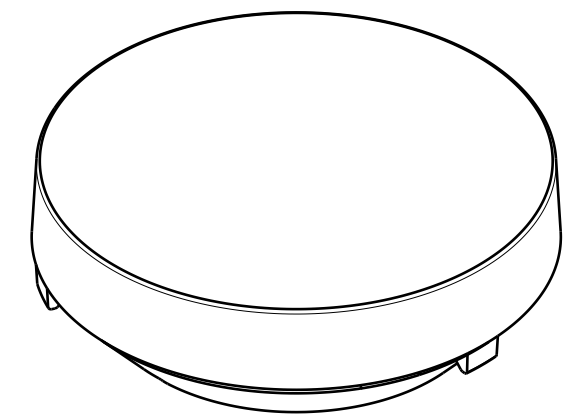
H G F E D C B A



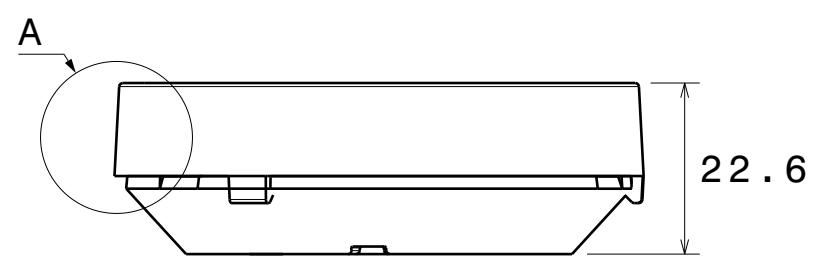
Bottom view



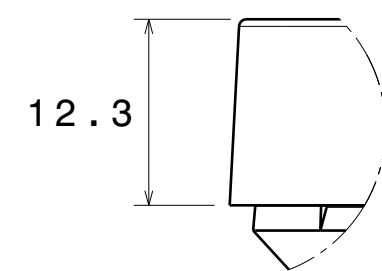
Detail B



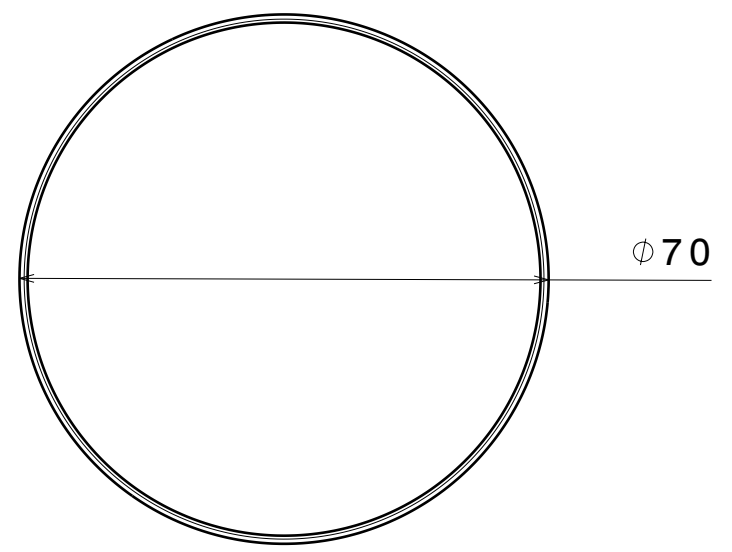
Isometric view



Front view



Detail A



Top view

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

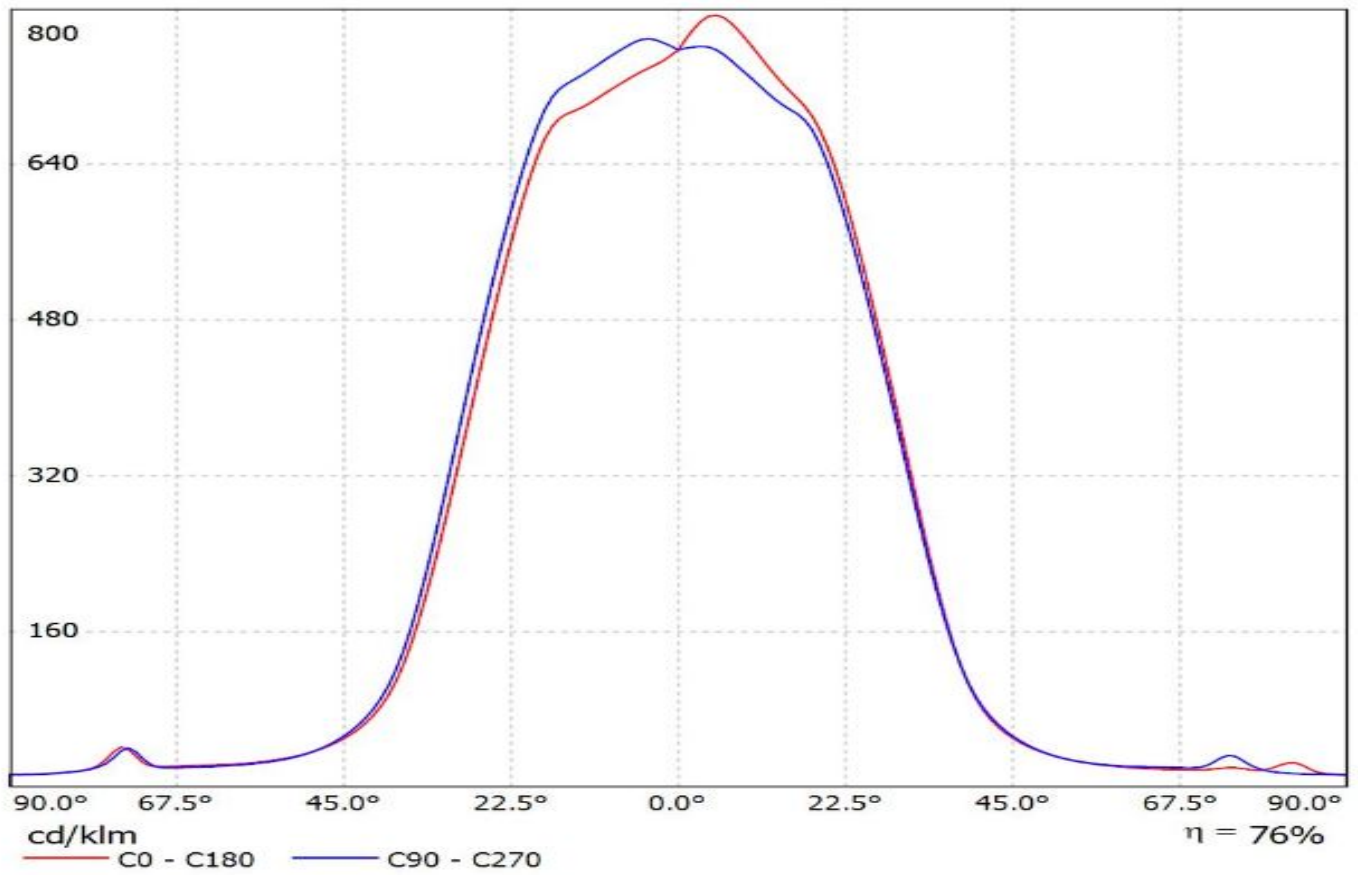
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE	PART NUMBER		
A3			

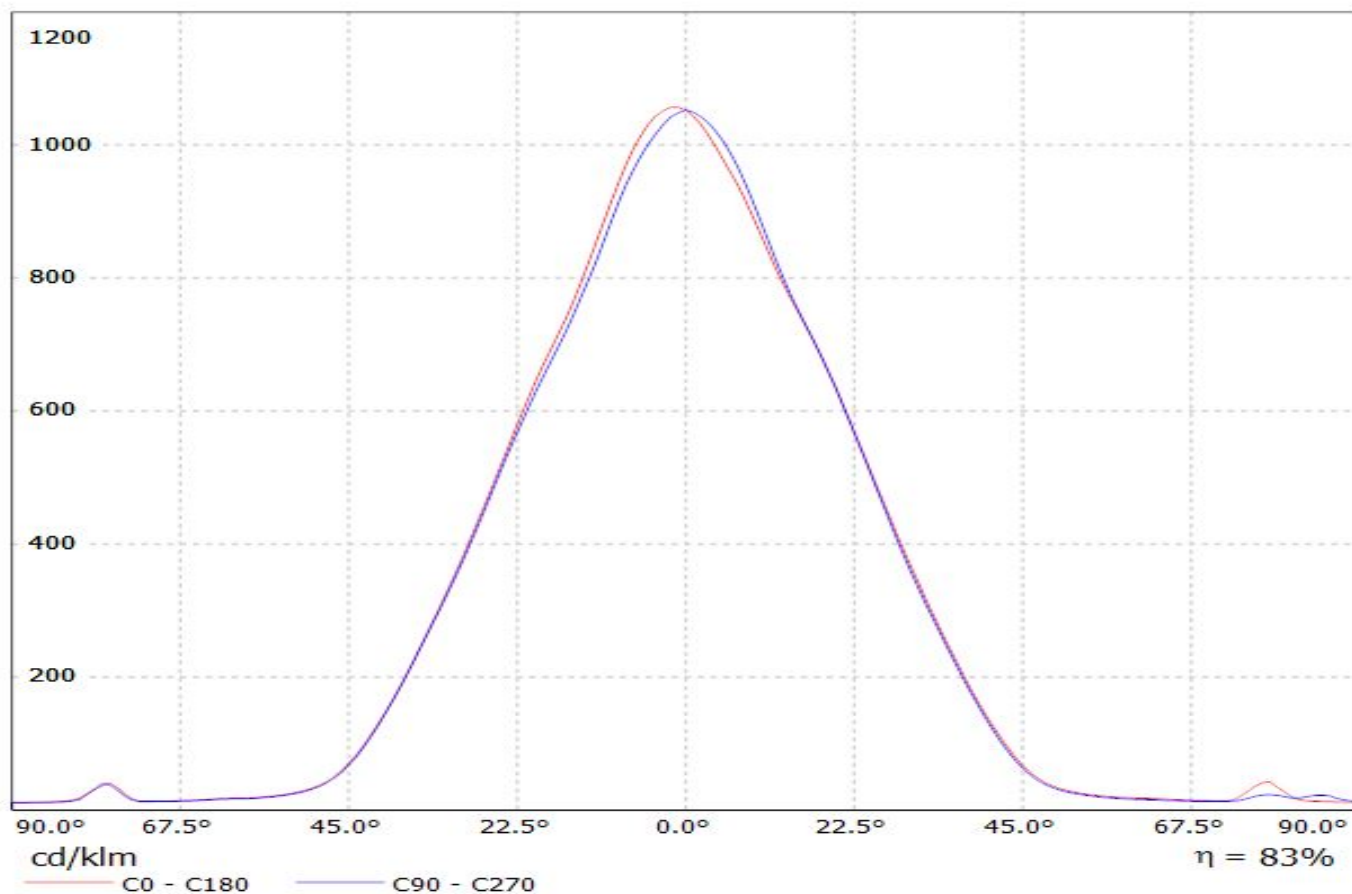
SCALE	1:1	WEIGHT	-	SHEET	1/1
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H G F E D C B A

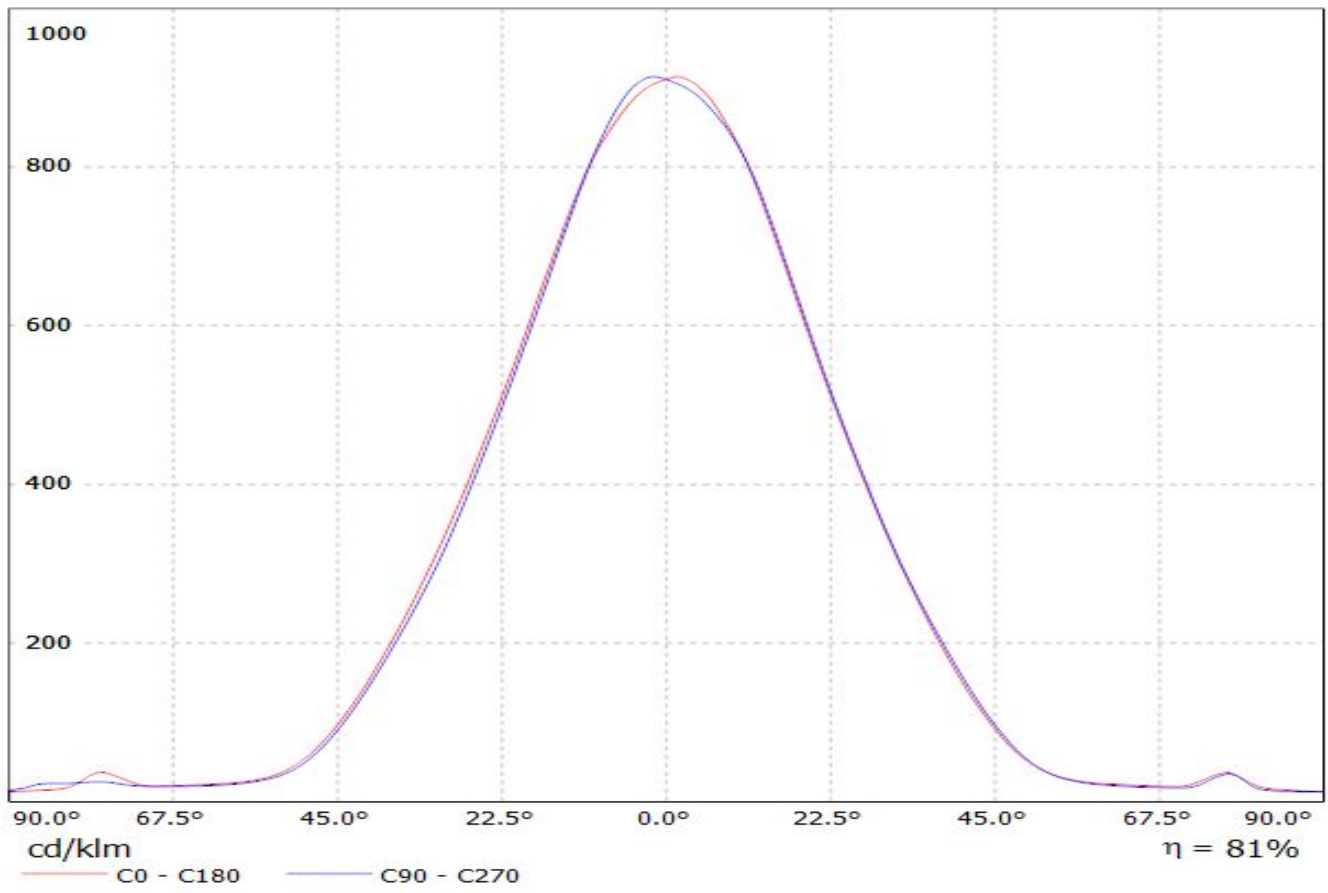
Luminaire: Ledil FN14828_OLIVIA-M_(V10+BJB)
Lamps: 1 x Bridgelux_V10_(BXRE-30E1000-B-23)
+_BJB_47.319.6124.50_894.282lm@250mA_CCT=3000K_P=6.5685W_I=0.25A



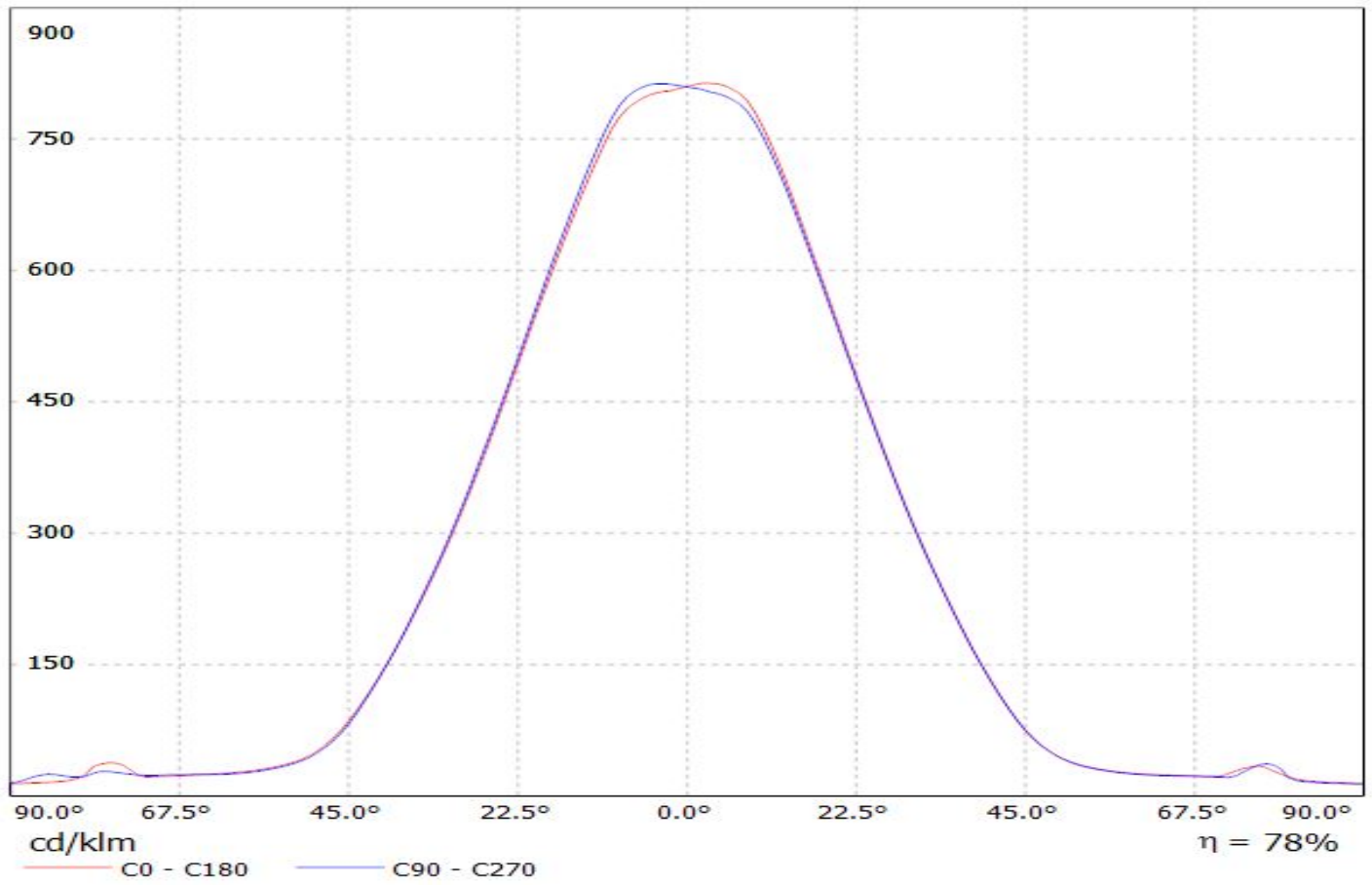
Luminaire: LEDiL Oy FN14828_OLIVIA-M_(XENIO_13MM)
Lamps: 1 x XENIO_13MM_2074.66lm@?mA_P=23W_I=?A



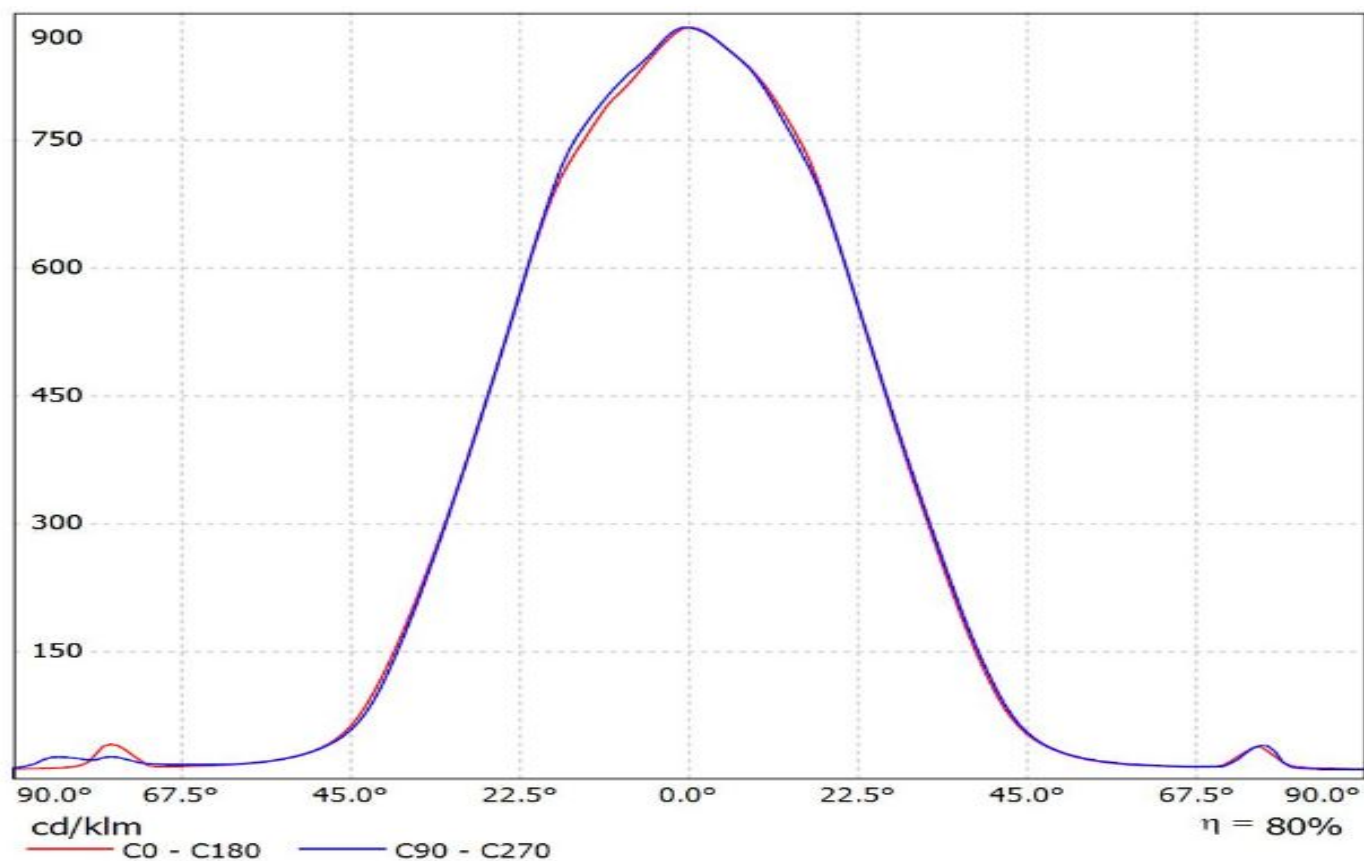
Luminaire: LEDiL Oy FN14828_OLIVIA-M_(Xenio_18mm)
Lamps: 1 x Xenio_18mm_3756.62lm@?mA_P=43W_I=?A



Luminaire: LEDiL Oy FN14828_OLIVIA-M_(VERO18_SE)
Lamps: 1 x Bridgelux_VERO18_SE_(BXRC-30E4000-C-73-SE)

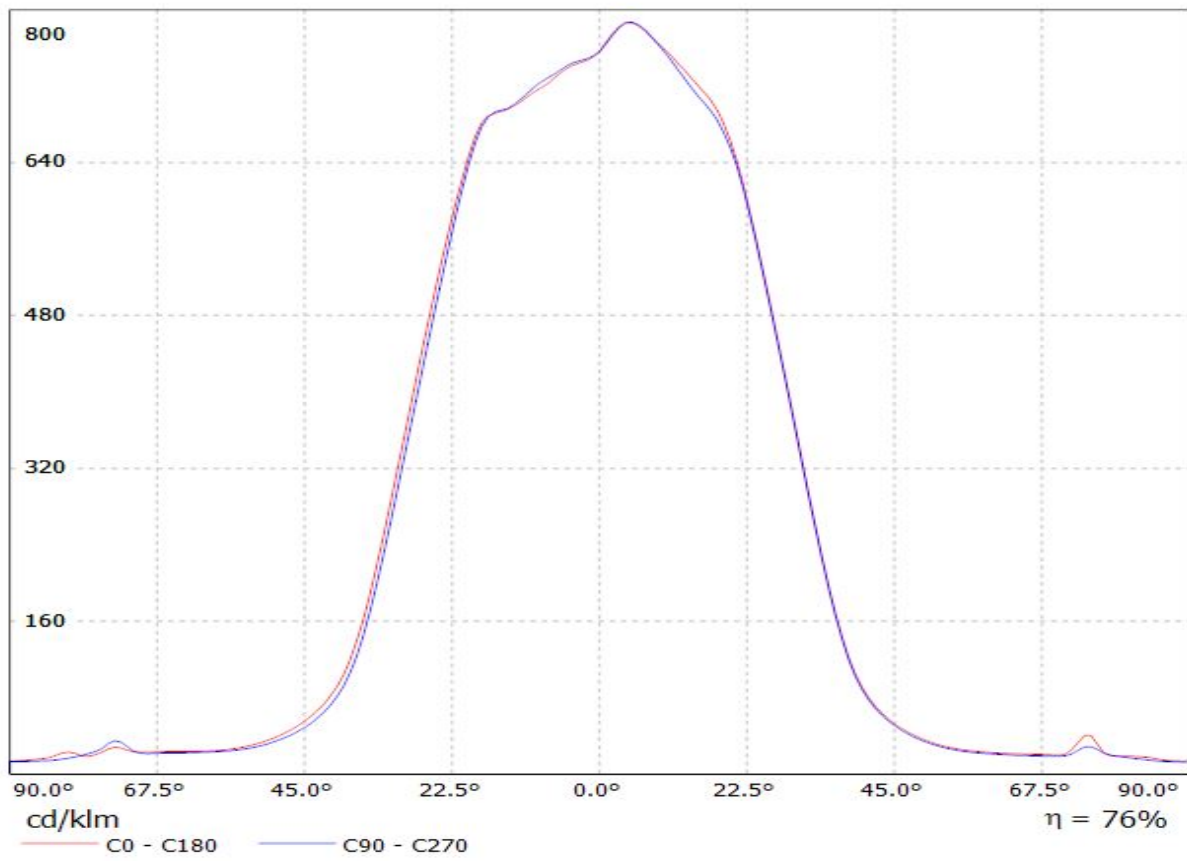


Luminaire: Ledil FN14828_OLIVIA-M_(Vero_13_SE)
Lamps: 1 x Bridgelux_Vero_13_SE_(BXRC-30E2000-C-73-SE)
_1310.97lm@250mA_CCT=3000K_P=8.17575W_I=0.25A

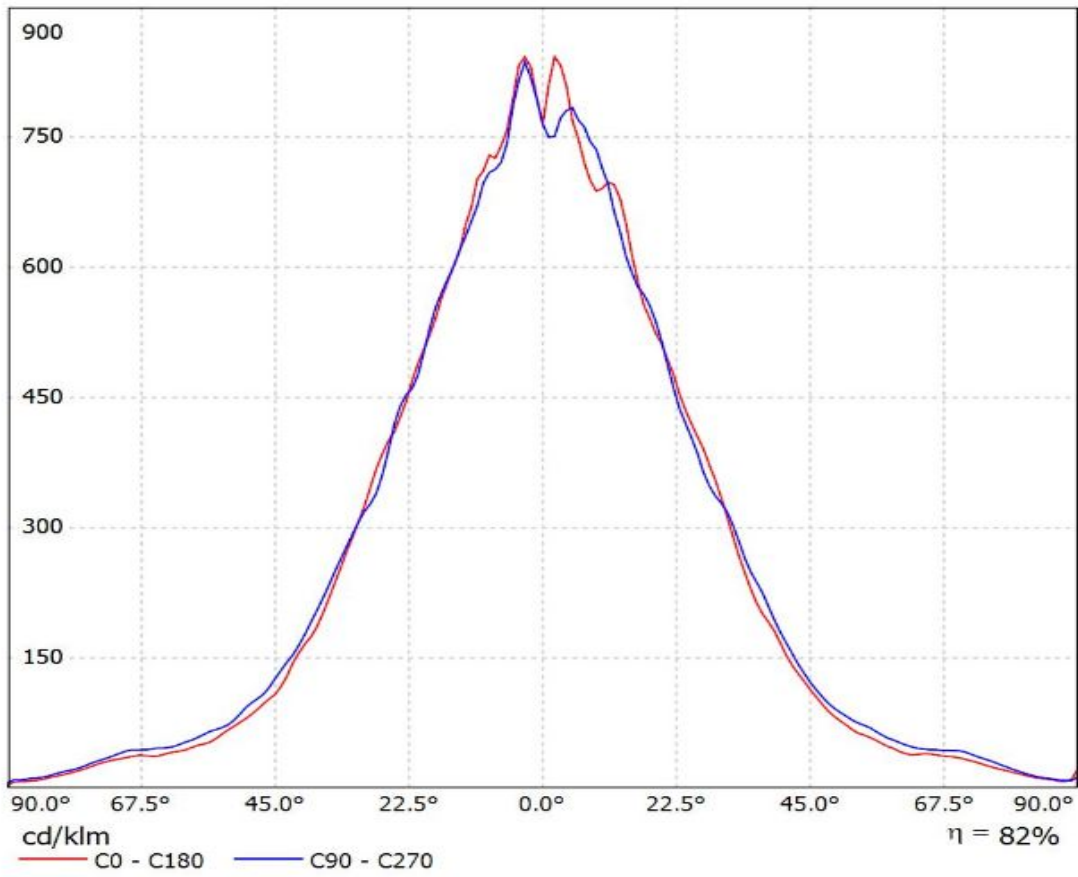


Luminaire: Ledil FN14828_OLIVIA-M_(V10_Gen7)+BJB

Lamps: 1 x Bridgelux_V10_Gen7_(BXRE-30G2000-B)+BJB_47.319.6294_1072.16lm@250mA_P=8.598W_I=0.25A

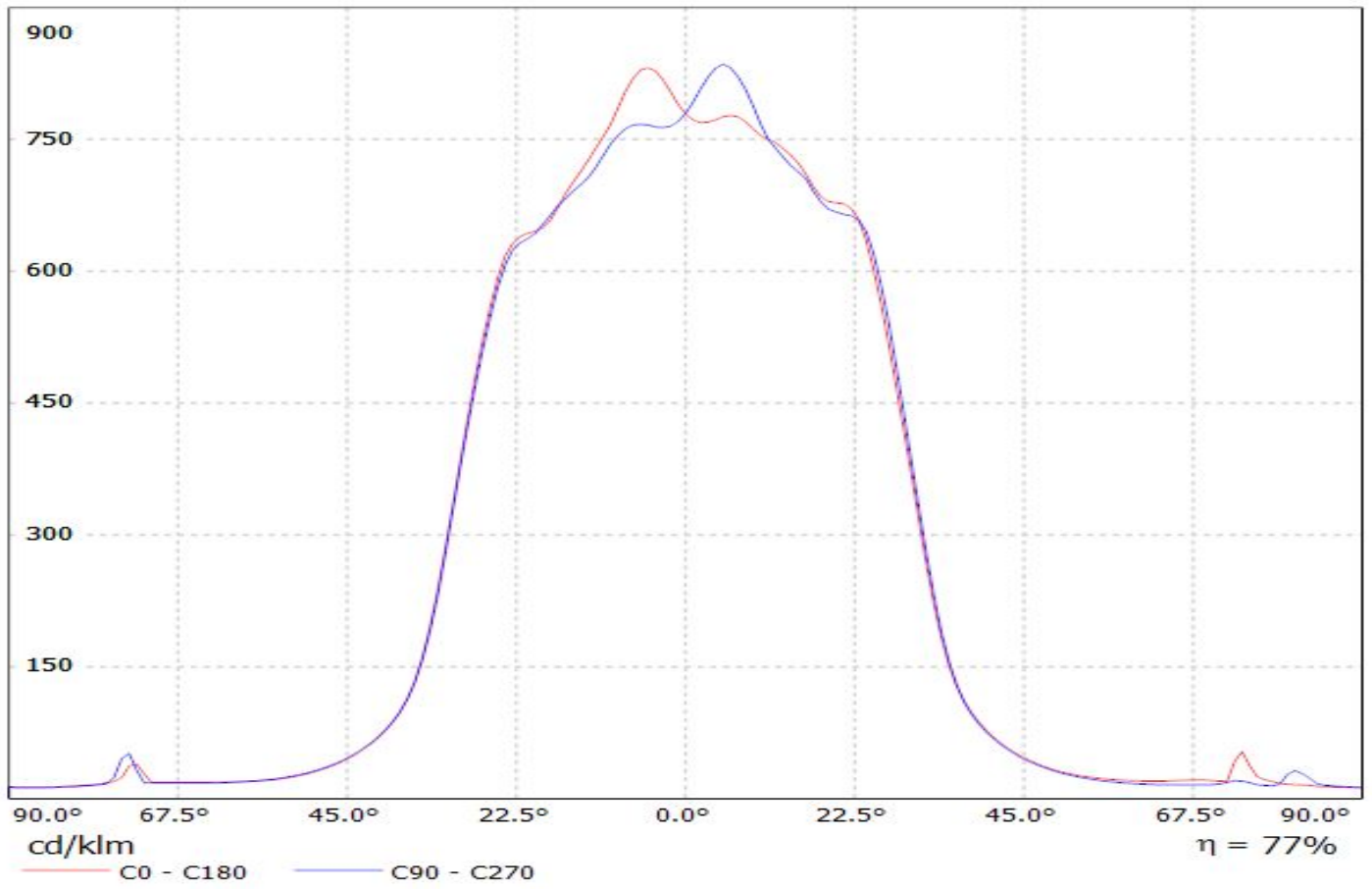


Luminaire: Ledil Oy FN14828_OLIVIA-M_Bridgelux_V22_Gen7_SIMULATED FN14828_OLIVIA-M_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x FN14828_OLIVIA-M_Bridgelux_V22_Gen7_SIMULATED



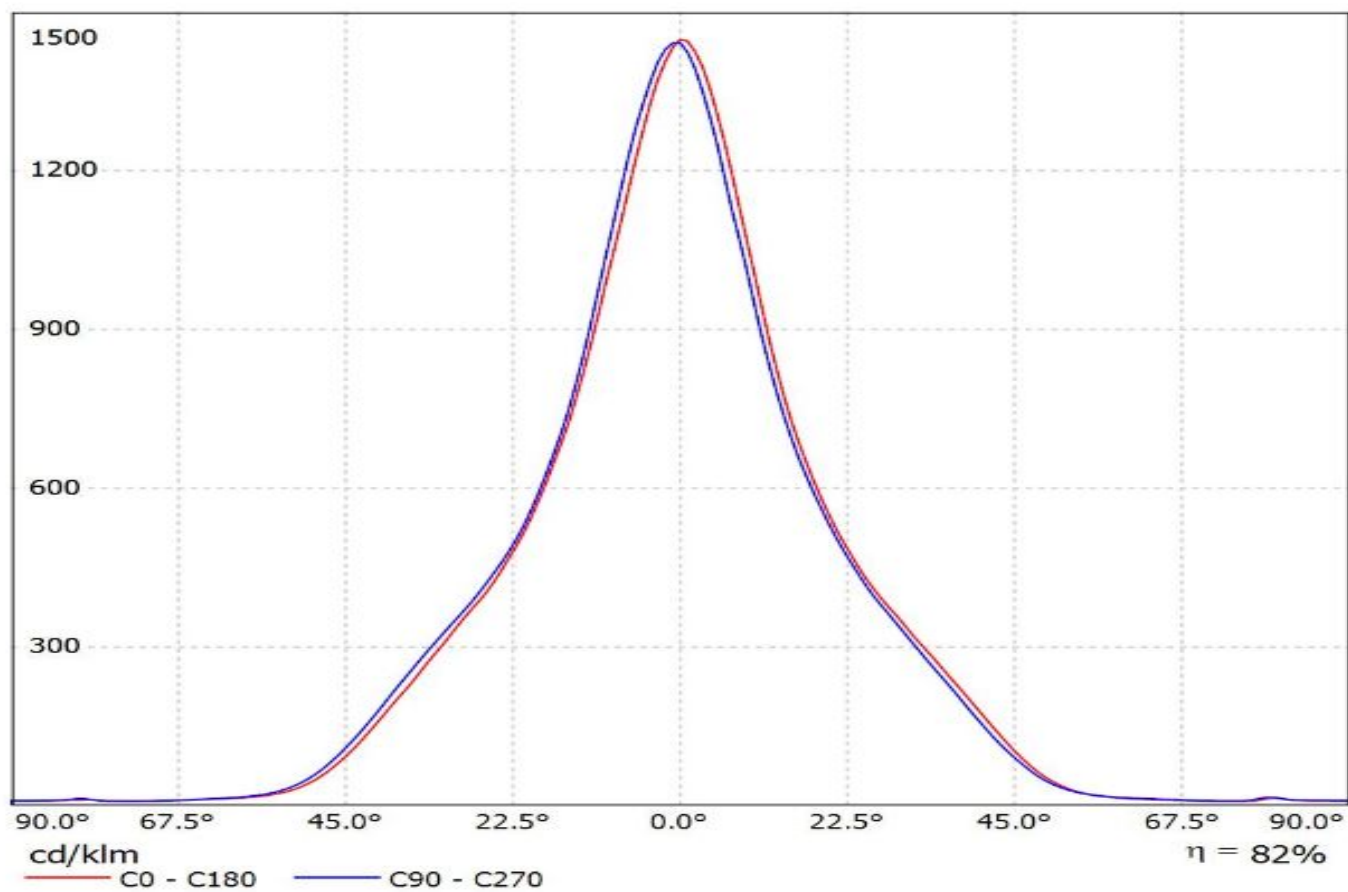
Luminaire: Ledil FN14828_OLIVIA-M_(CLU700_+8100/G2)

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

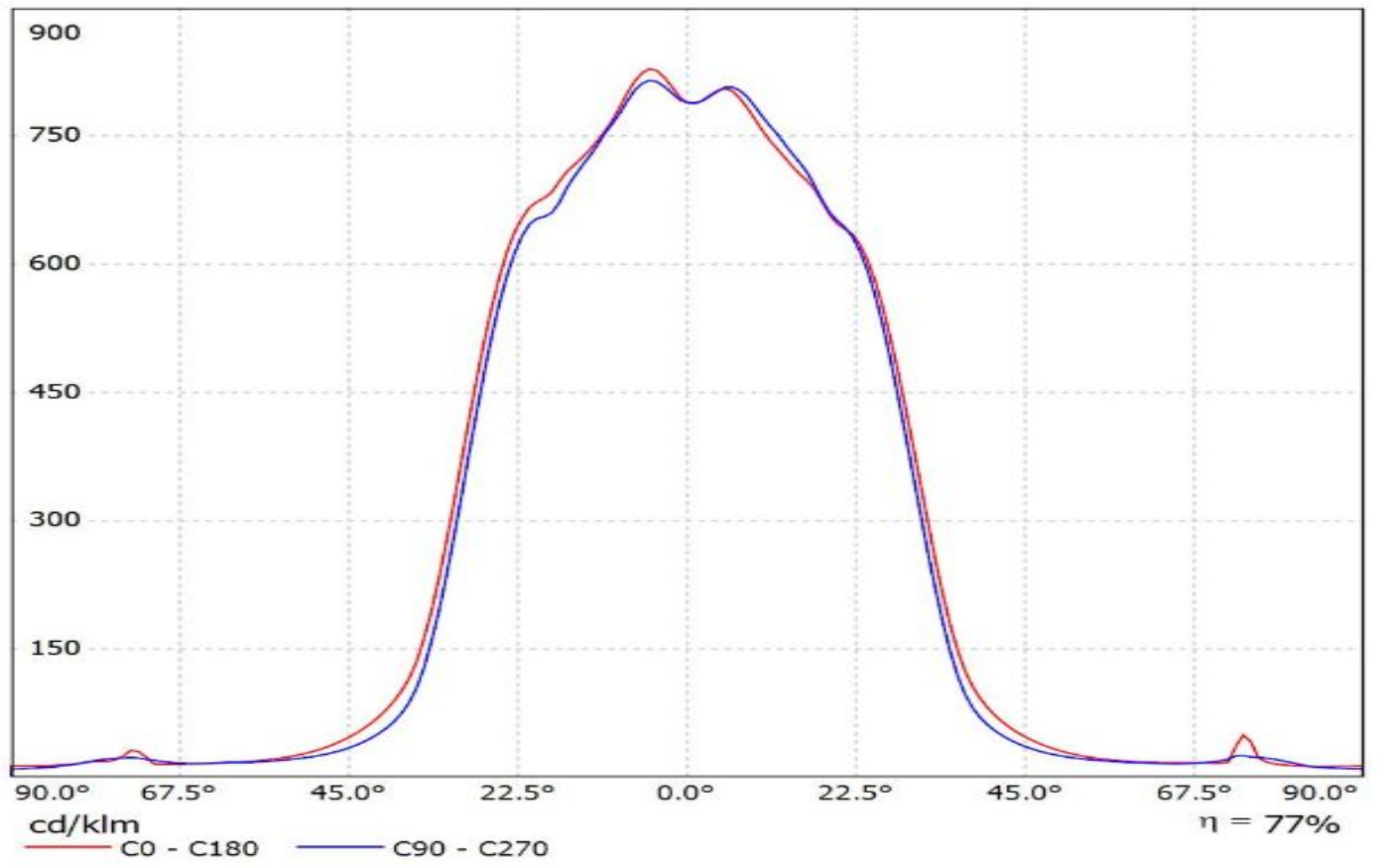


Luminaire: Ledil FN14828_OLIVIA-M (CXA1850)

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

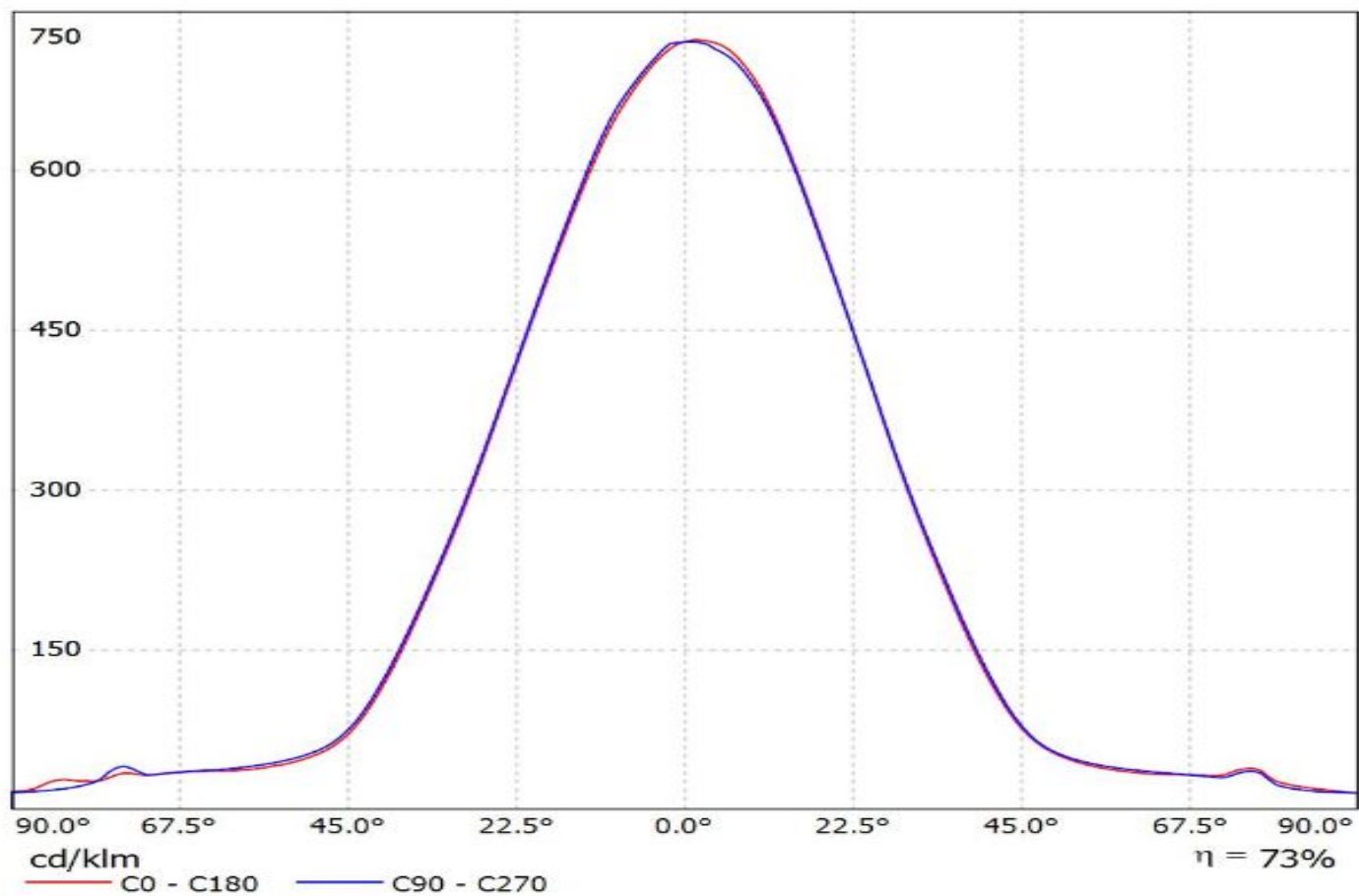


Luminaire: Ledil FN14828_OLIVIA-M_(COB109+BJB)
Lamps: 1 x Luxeon_COB109_(L2C3-2780109E06000)
+_BJB_47.319.6180_991.076lm@250mA_CCT=2700K_P=8.7657W_I=0.25A

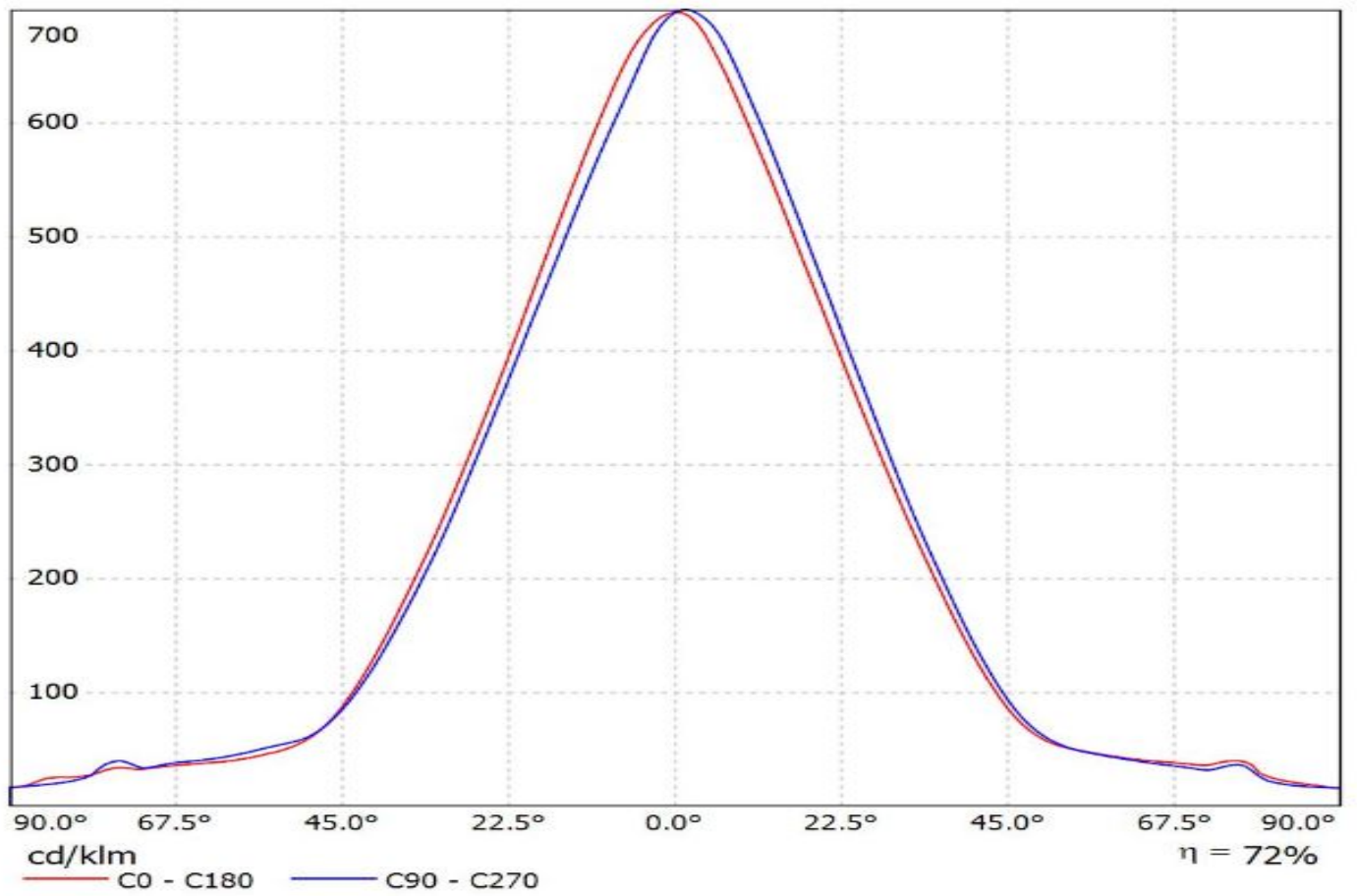


Luminaire: Ledil FN14828_OLIVIA-M +_BJB-47.319.2030_(CoB_1211)

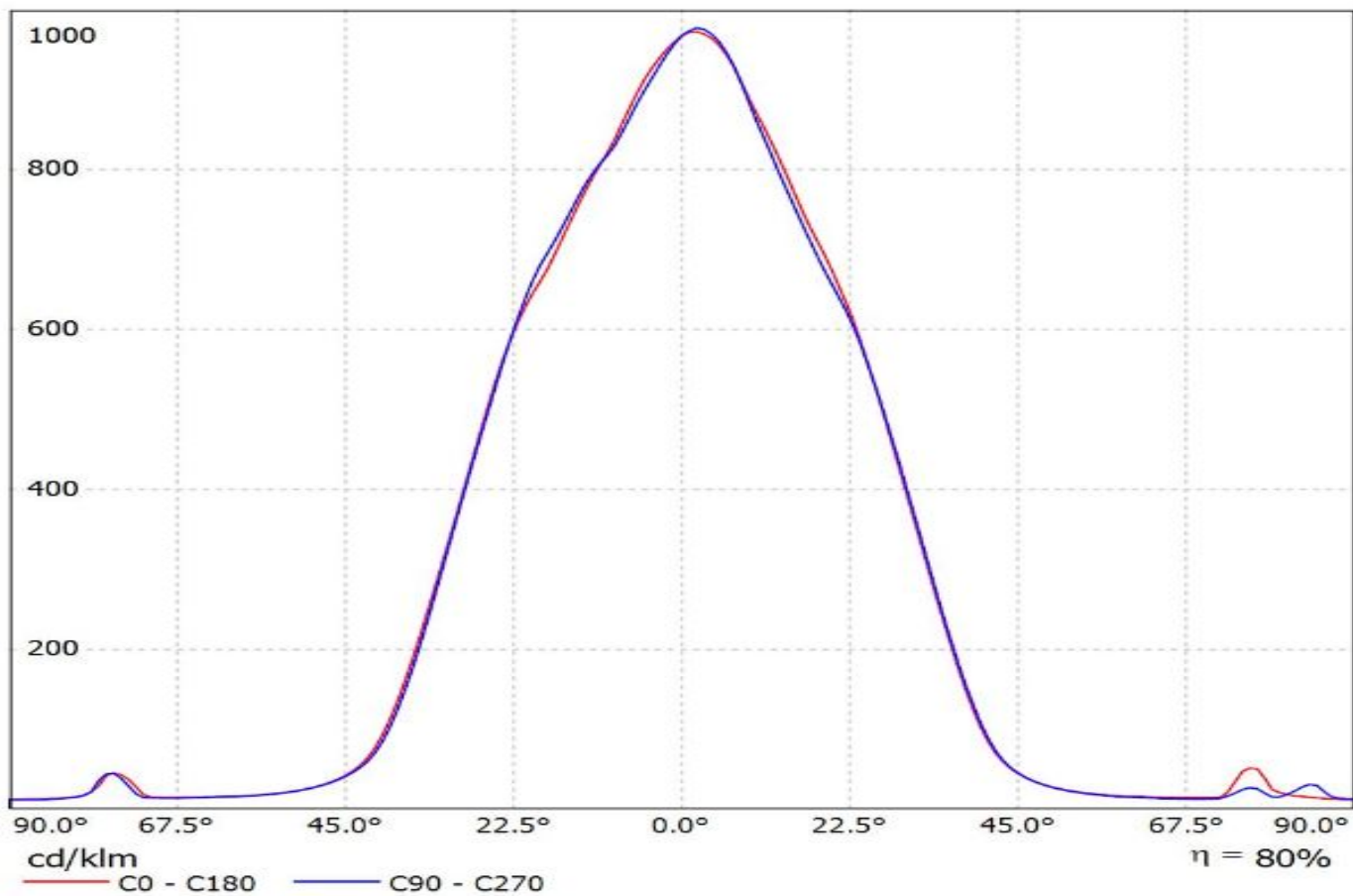
Lamps: 1 x Luxeon_CoB_1211+_BJB-47.319.2030_1358.97lm@250mA_P=8.0635W_I=0.250A



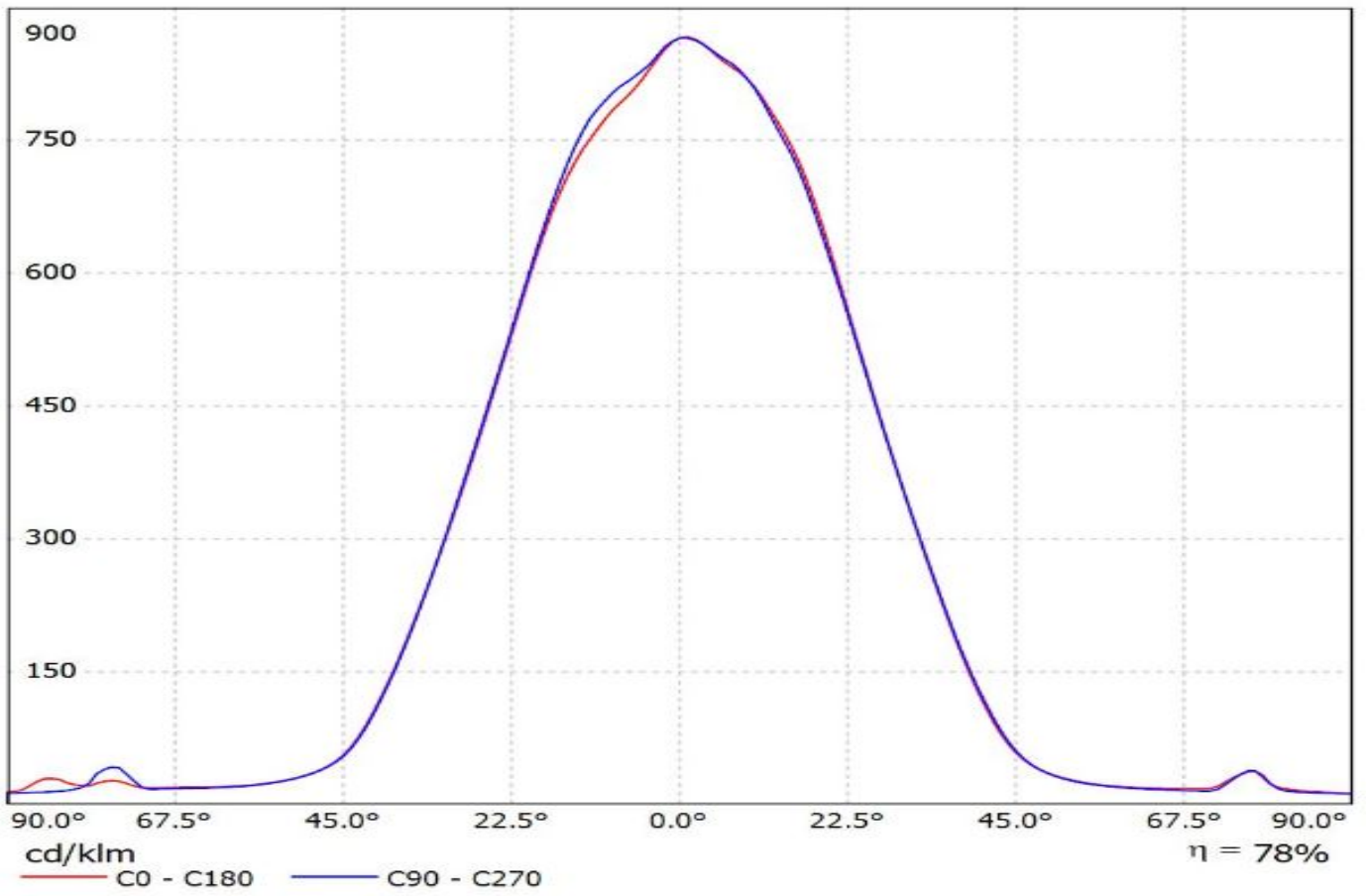
Luminaire: Ledil FN14828_OLIVIA-M +_BJB-47.319.2030_(CoB_1216)
Lamps: 1 x CoB_1216+_BJB-47.319.2030_1474.77lm@250mA_P=8.0028W_I=0.250A



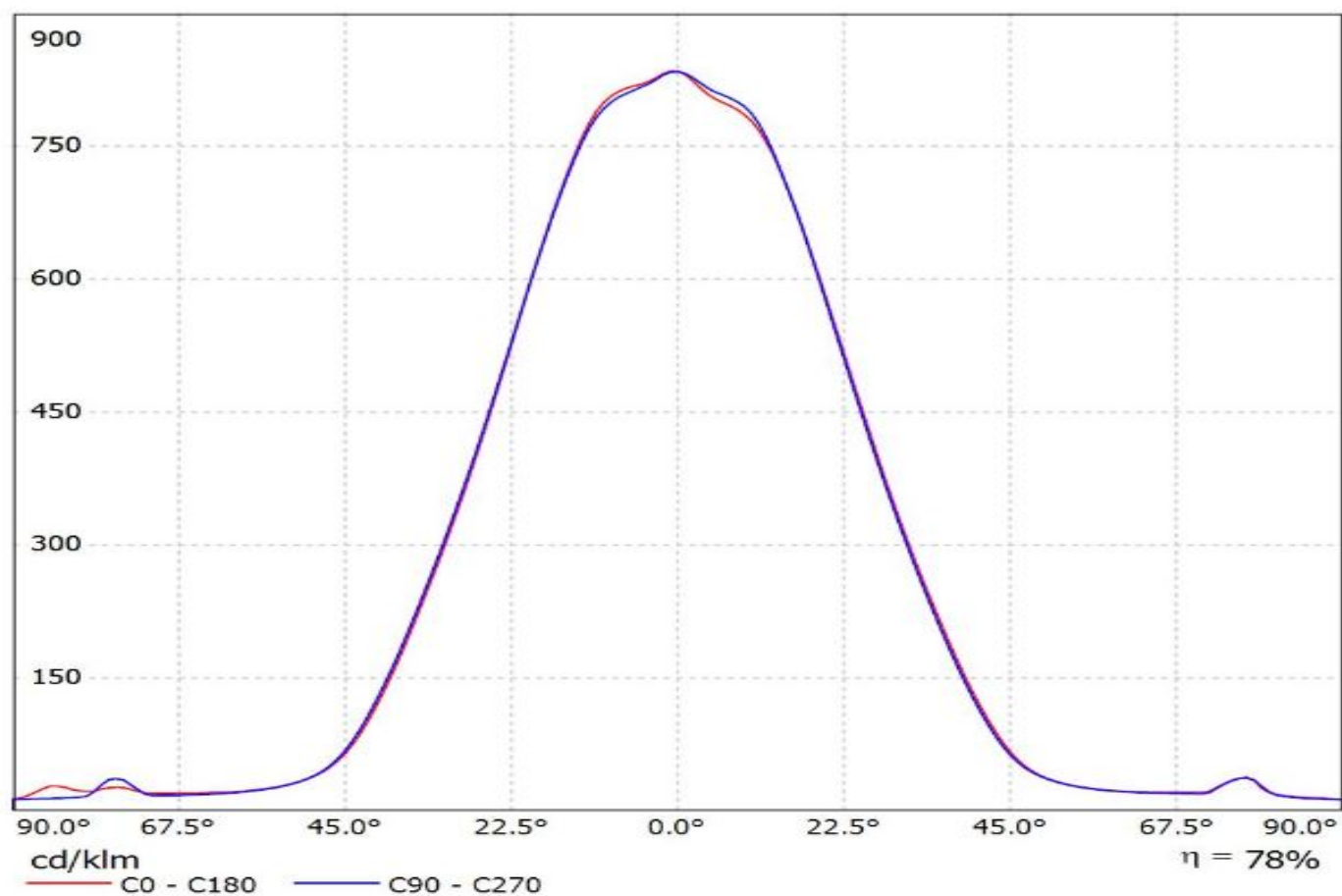
Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES9)
Lamps: 1 x Fortimo_SLM_G5_LES9_1128.27lm@250mA_P=8.6495W_I=0.25A



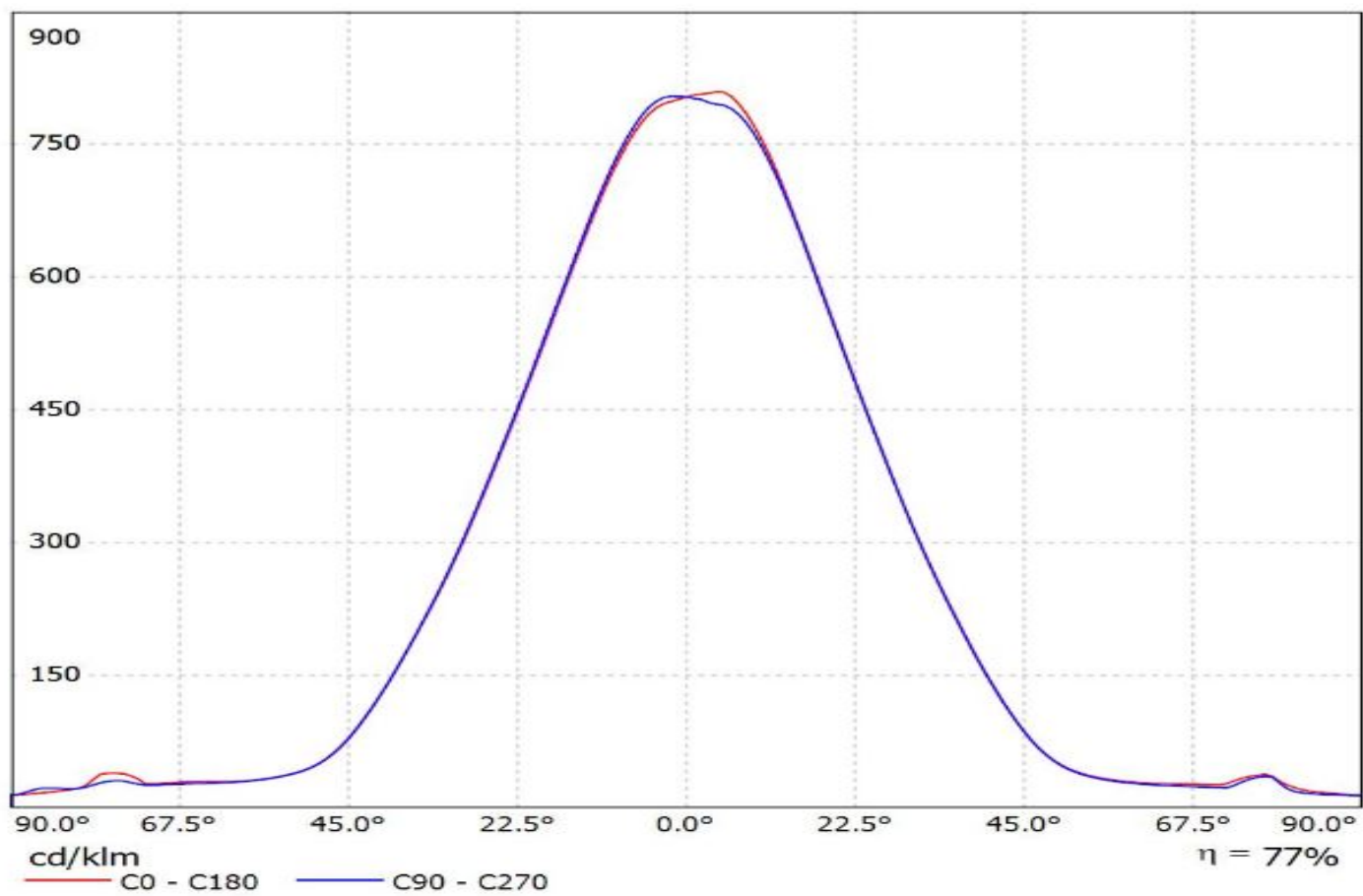
Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES13)
Lamps: 1 x Fortimo_SLM_G5_LES13_1379.46lm@250mA_P=8.4550W_I=0.25A



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

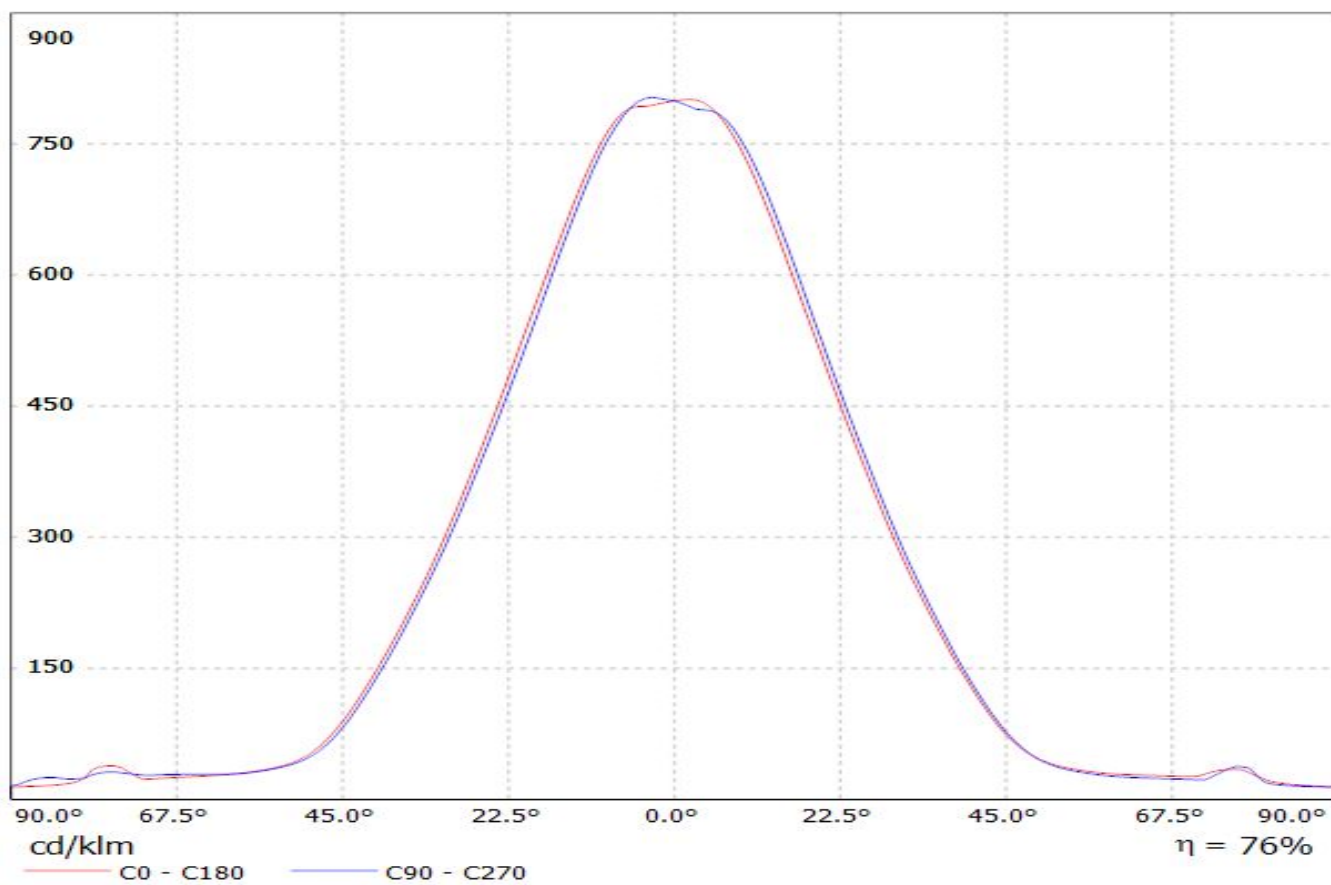


Luminaire: Ledil FN14828_OLIVIA-M (Fortimo_SLM_G5_LES19)
Lamps: 1 x Fortimo_SLM_G5_LES19_1452.46lm@250mA_P=8.0808W_I=0.25A

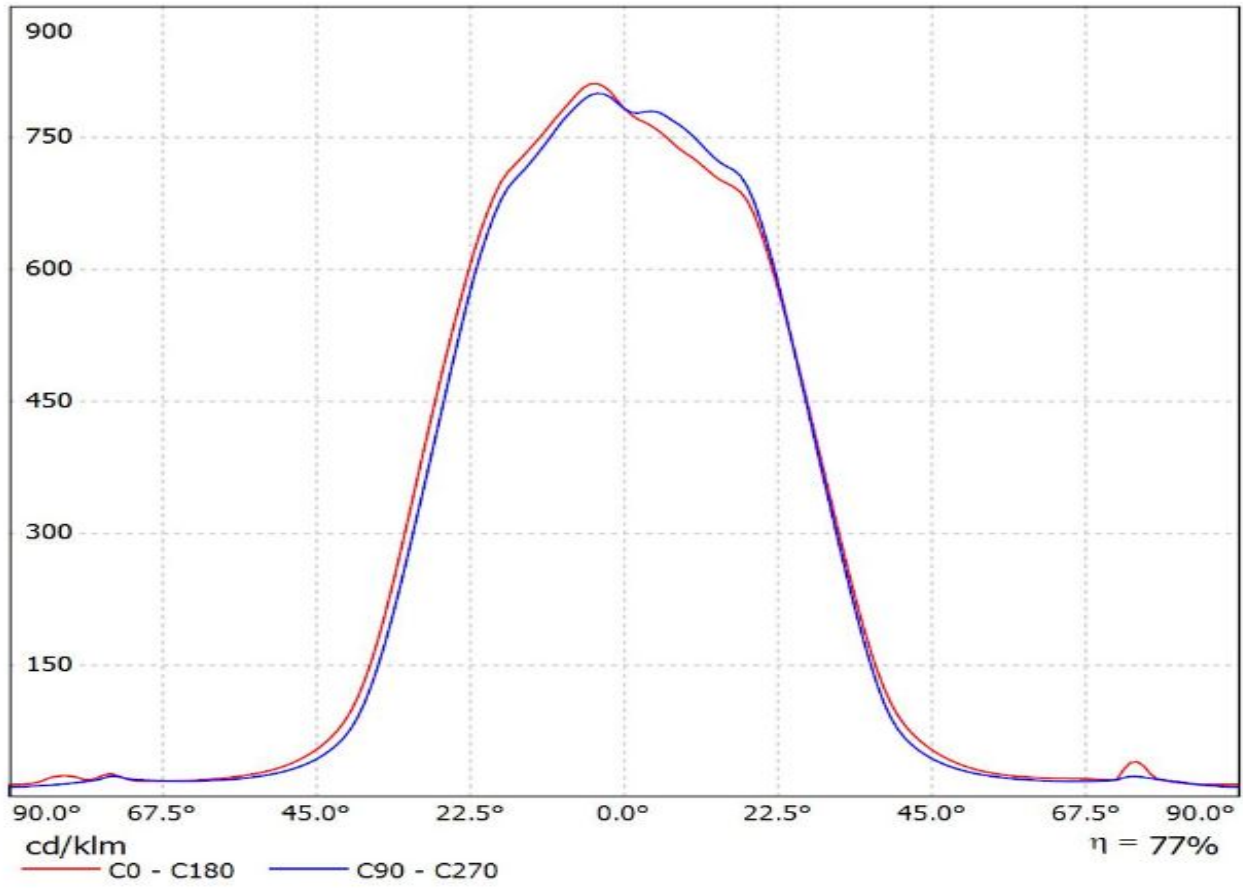


Luminaire: LEDiL Oy FN14828_OLIVIA-M_(SLM_1211_L19_G6)

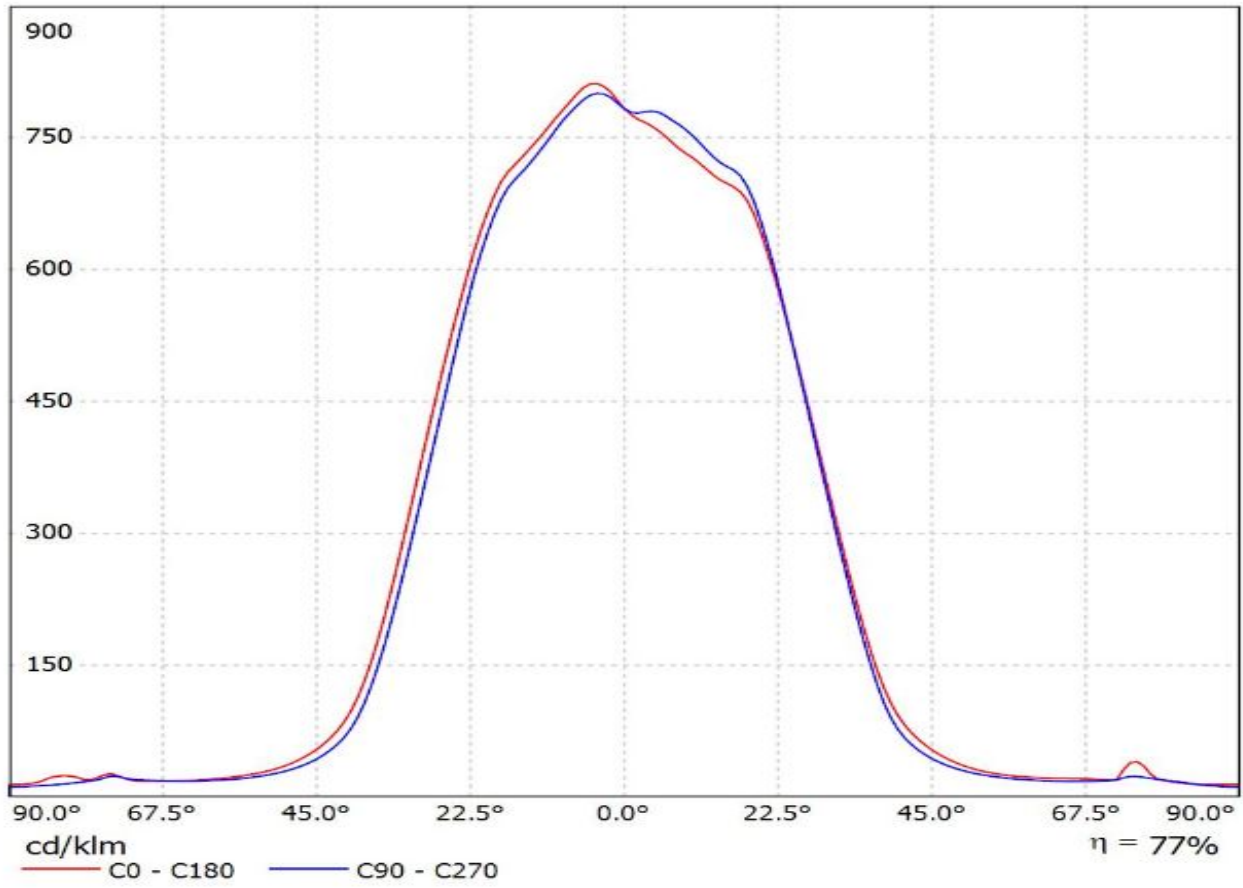
Lamps: 1 x Philips_Fortimo_SLM_1211_L19_G6_Poke-In_1152.17lm@250mA_P=8.10051W_I=0.25A



Luminaire: LEDiL Oy FN14828_OLIVIA-M_(Samsung_COB_D_9.8mm)
Lamps: 1 x Samsung_COB_D_series_LES_9.8mm_LC013D_CCT=4000K_551.47lm@100mA_P=3.2383W_I=0.100A

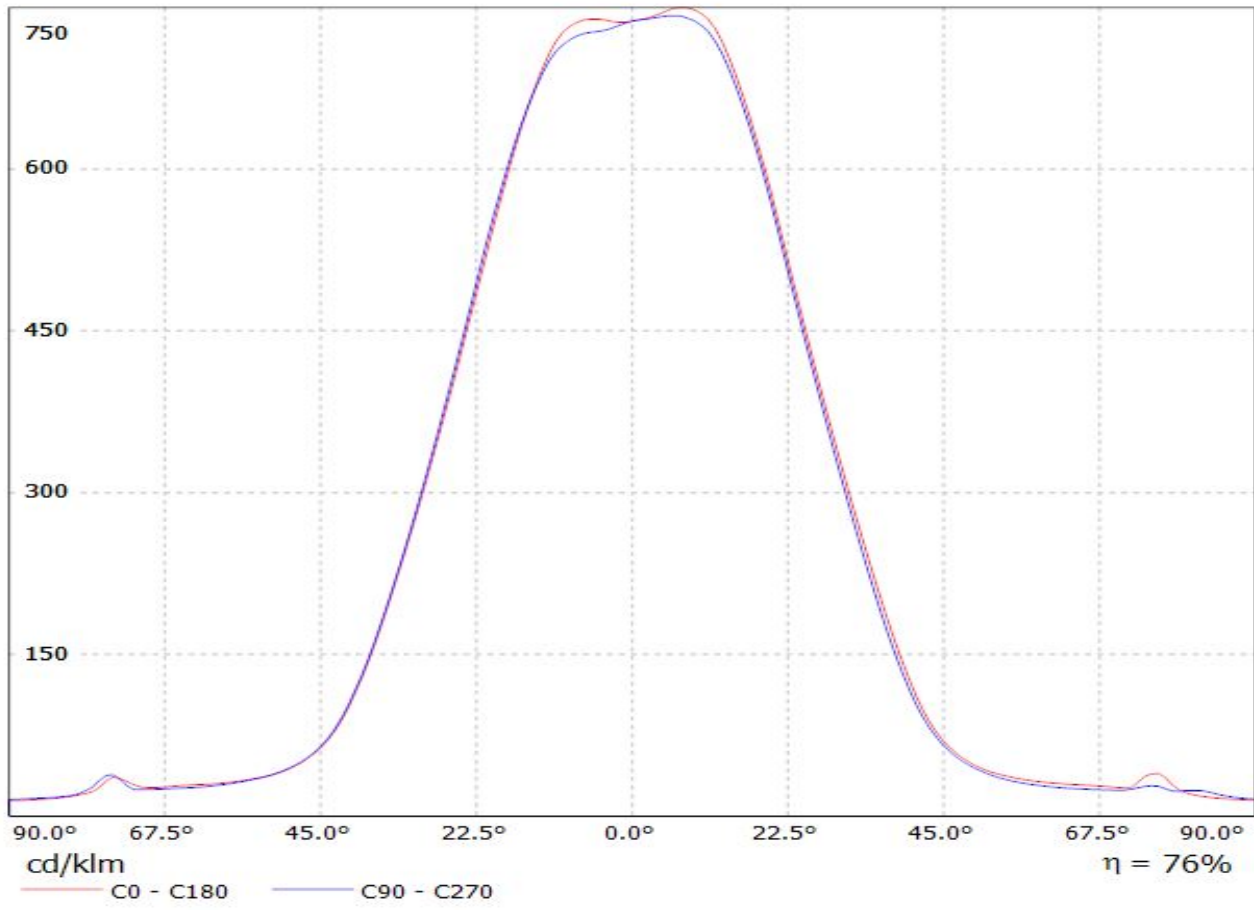


Luminaire: LEDiL Oy FN14828_OLIVIA-M_(Samsung_COB_D_9.8mm)
Lamps: 1 x Samsung_COB_D_series_LES_9.8mm_LC013D_CCT=4000K_551.47lm@100mA_P=3.2383W_I=0.100A



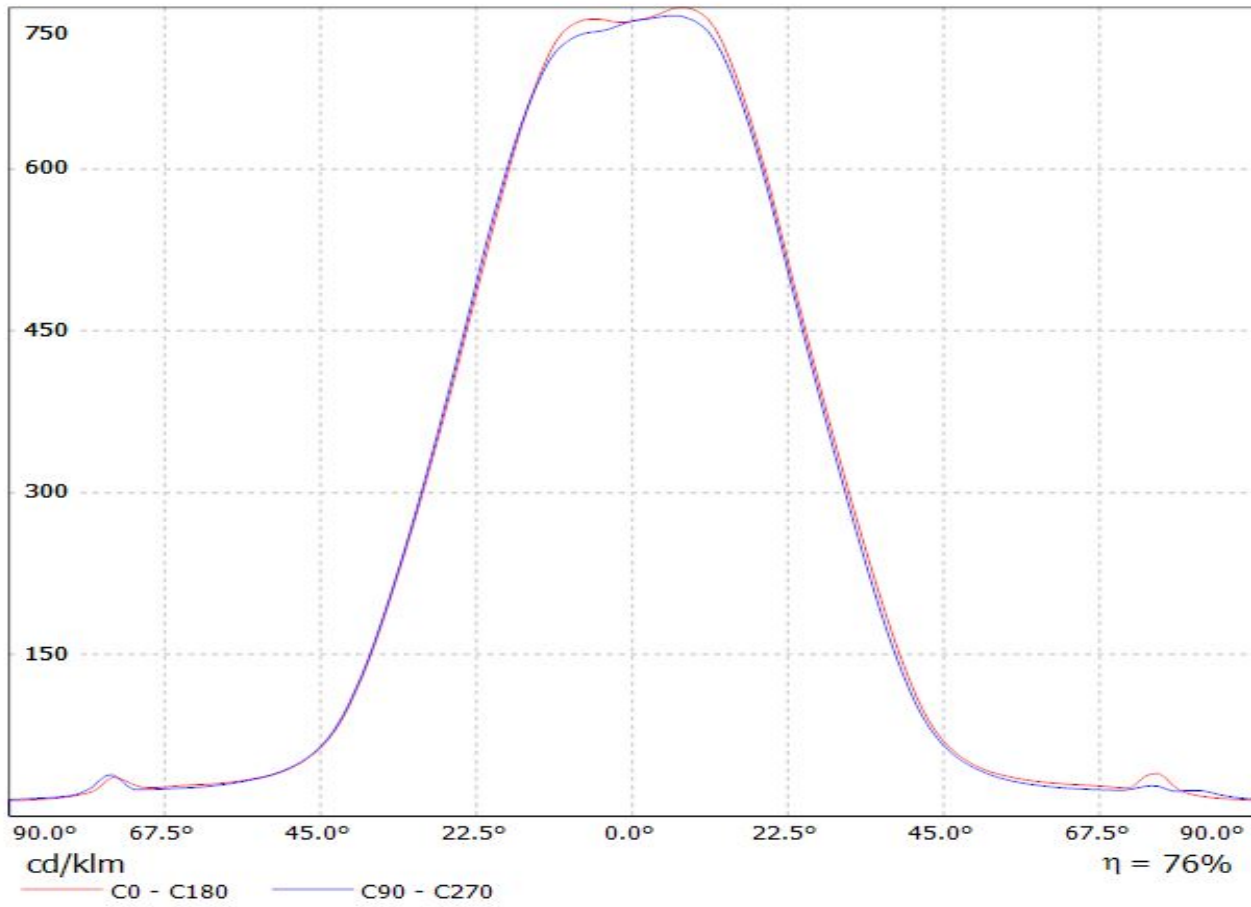
Luminaire: LEDiL Oy FN14828_OLIVIA-M_(COB_D_LES14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1289.58lm@250mA_CCT=3000K_P=8.11375W_I=0.250A

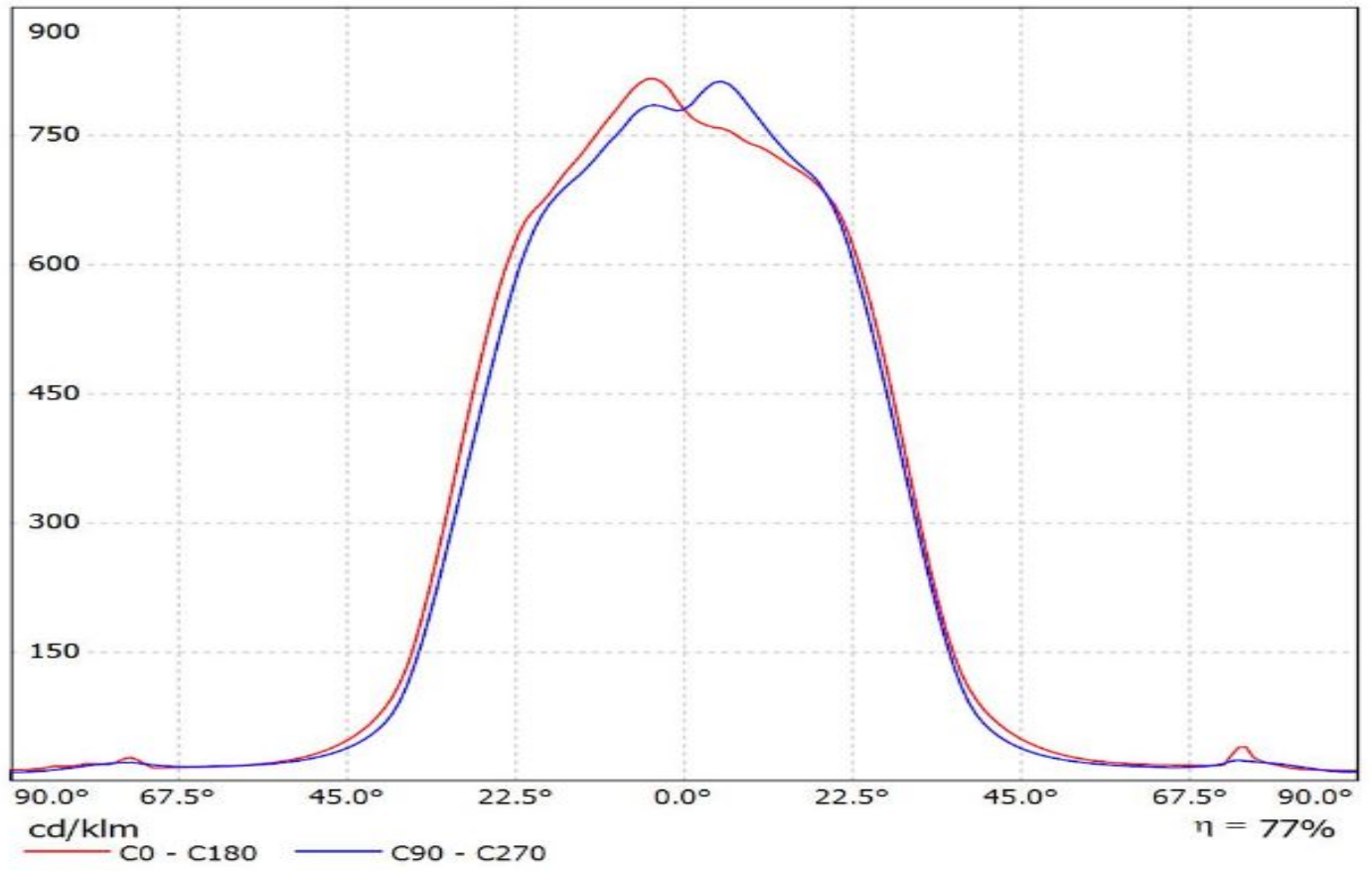


Luminaire: LEDiL Oy FN14828_OLIVIA-M_(COB_D_LES14,5mm)

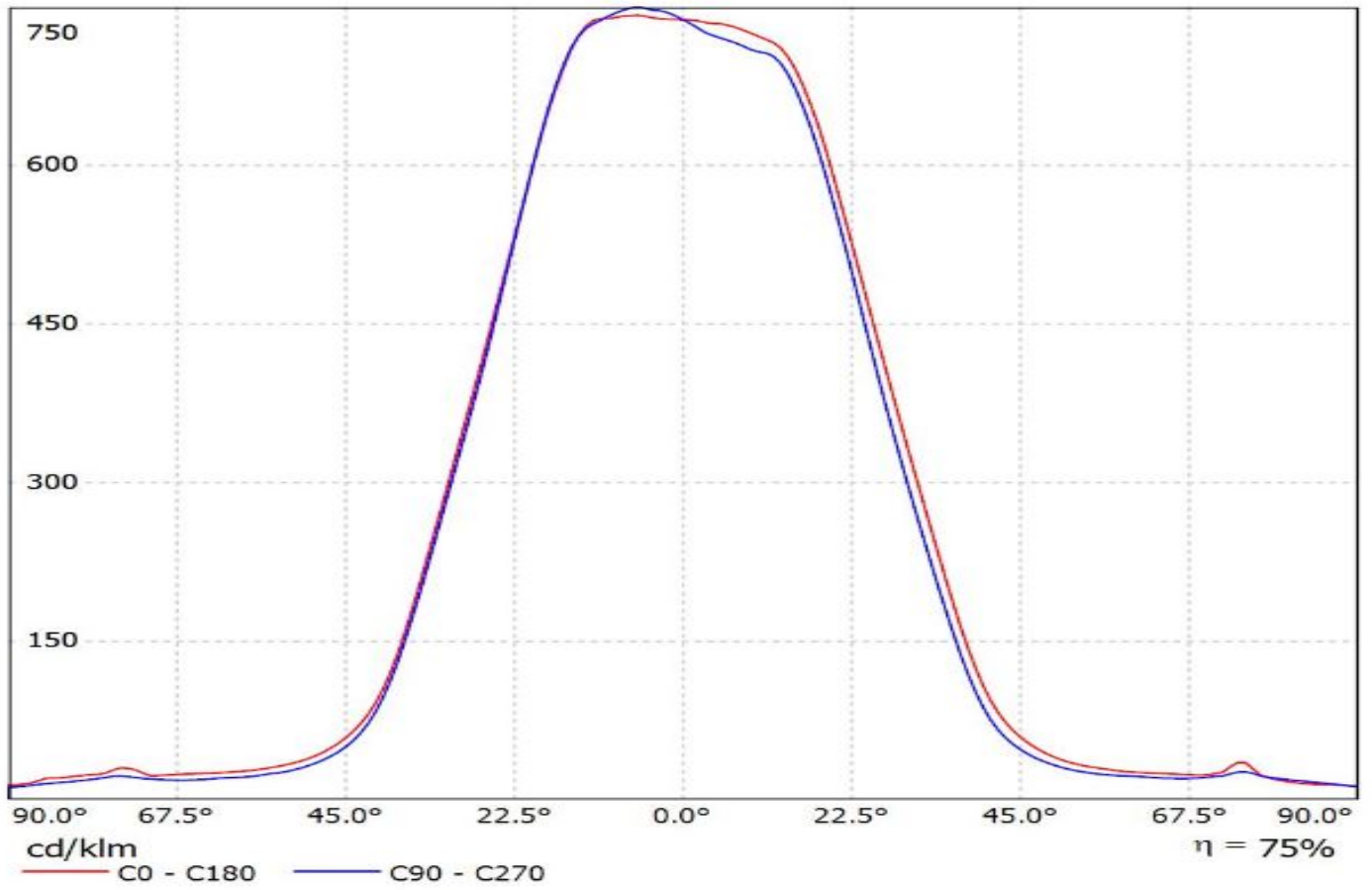
Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1289.58lm@250mA_CCT=3000K_P=8.11375W_I=0.250A



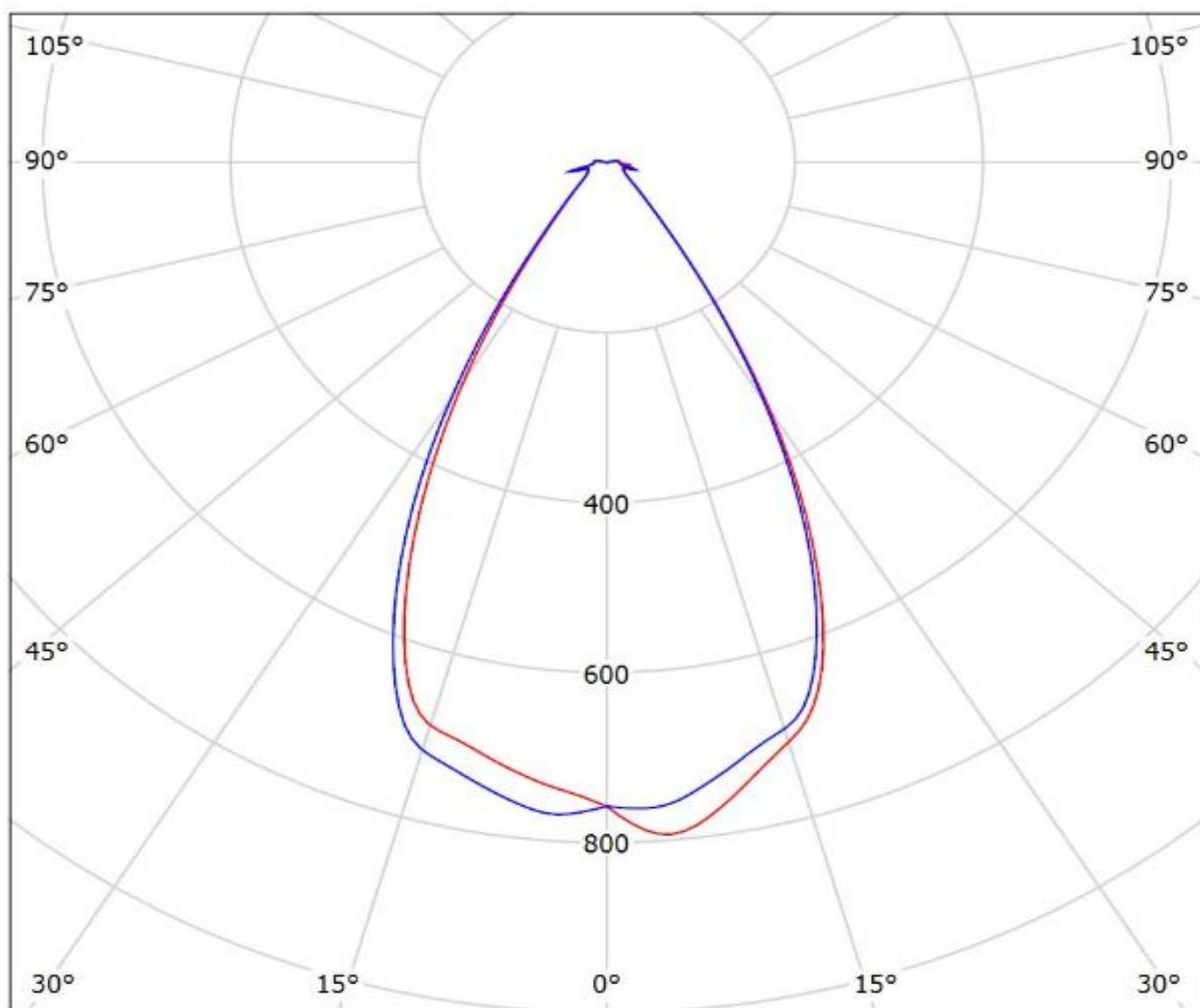
Luminaire: Ledil FN14828_OLIVIA-M_(MiniZenigata+BJB)
Lamps: 1 x Sharp_MiniZenigata_(GW6BMR30HED)
+_BJB_47.319.6180_792.376lm@250mA_P=8.7960W_I=0.25A



Luminaire: Ledil FN14828_OLIVIA-M_(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_(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

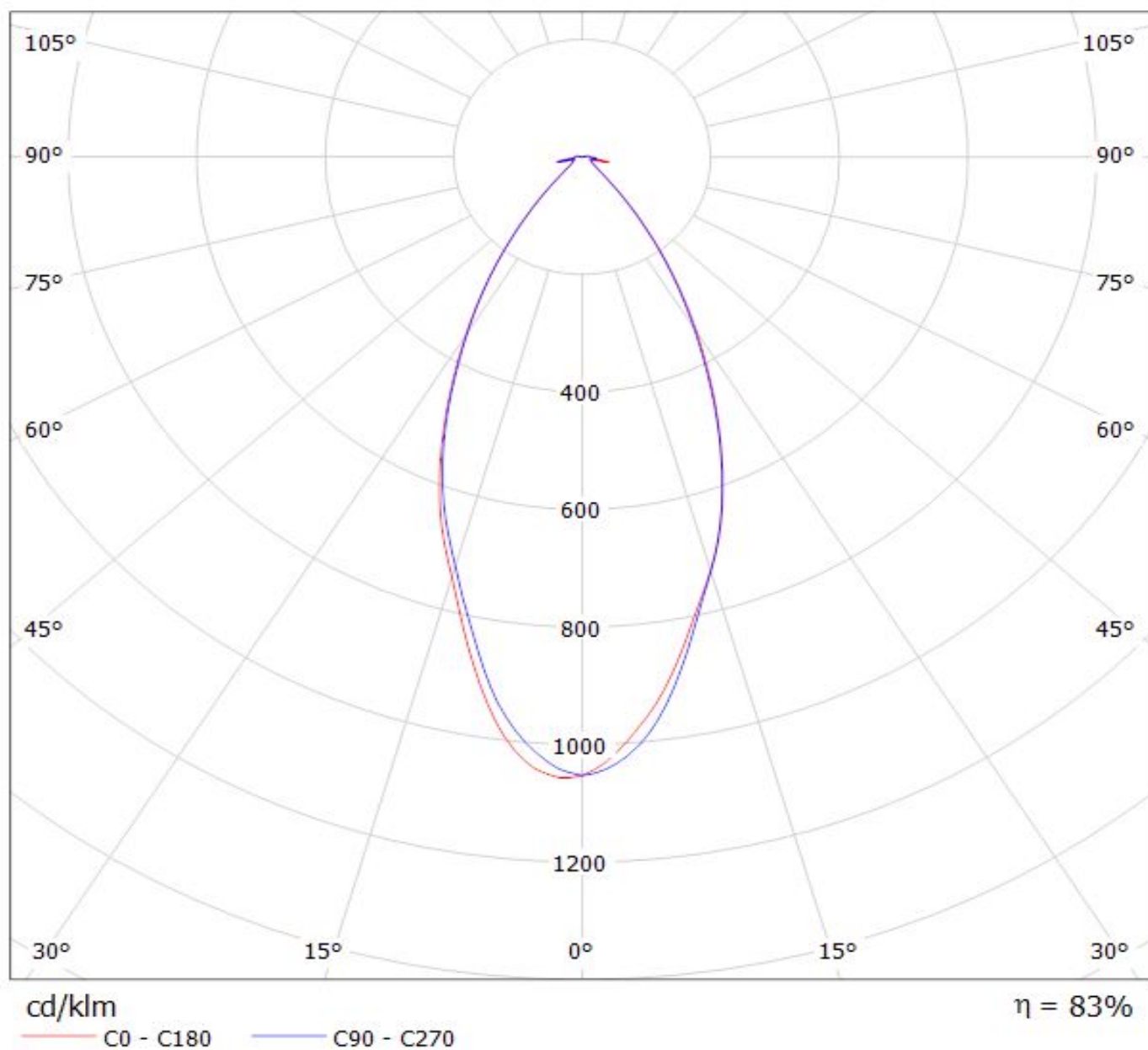


cd/klm

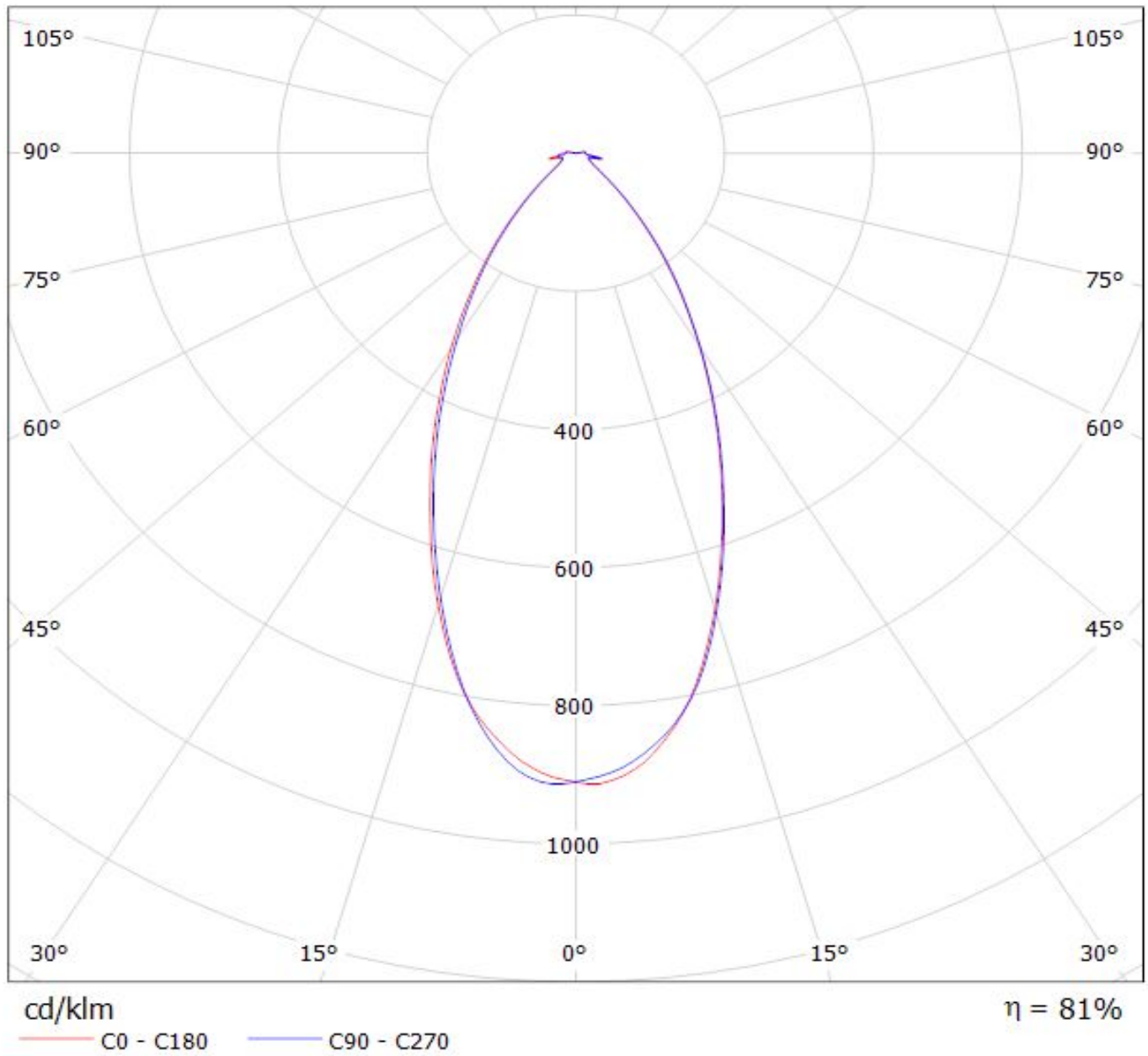
— C0 - C180 — C90 - C270

$\eta = 76\%$

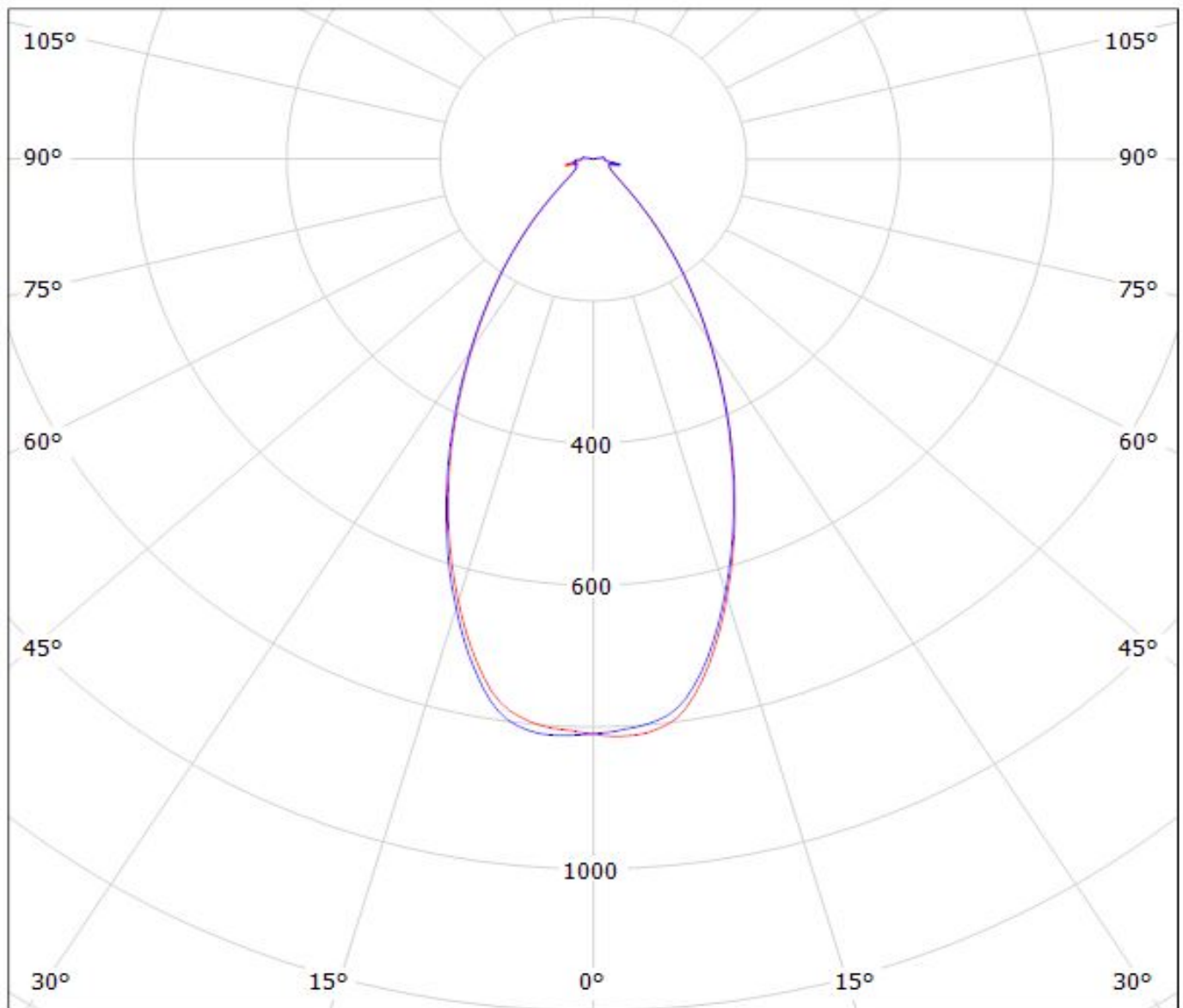
Luminaire: LEDiL Oy FN14828_OLIVIA-M_(XENIO_13MM)
Lamps: 1 x XENIO_13MM_2074.66lm@?mA_P=23W_I=?A



Luminaire: LEDiL Oy FN14828_OLIVIA-M_(Xenio_18mm)
Lamps: 1 x Xenio_18mm_3756.62lm@?mA_P=43W_I=?A



Luminaire: LEDiL Oy FN14828_OLIVIA-M_(VERO18_SE)
Lamps: 1 x Bridgelux_VERO18_SE_(BXRC-30E4000-C-73-SE)

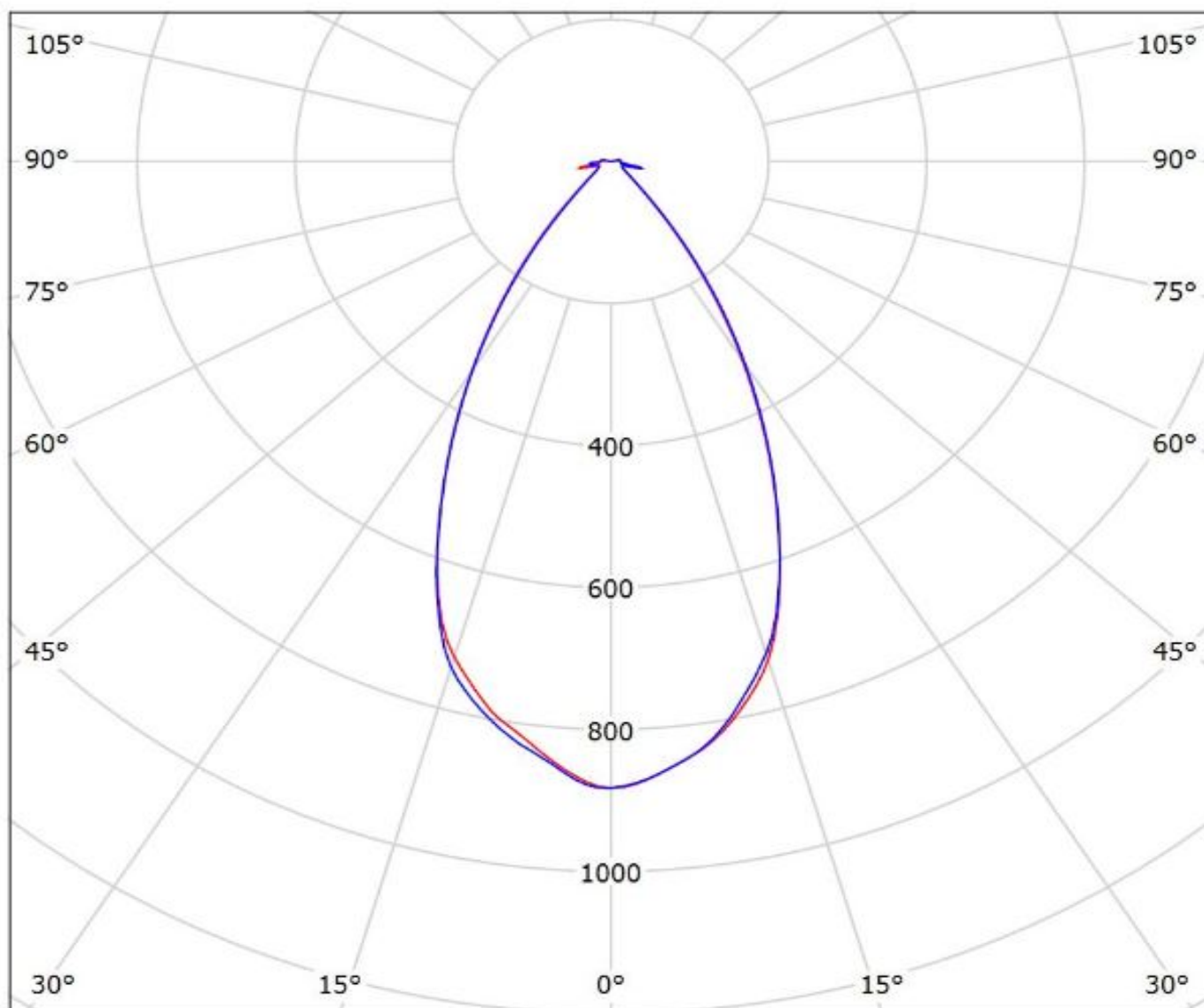


cd/klm

— C0 - C180 — C90 - C270

$\eta = 78\%$

Luminaire: Ledil FN14828_OLIVIA-M_(Vero_13_SE)
Lamps: 1 x Bridgelux_Vero_13_SE_(BXRC-30E2000-C-73-SE)
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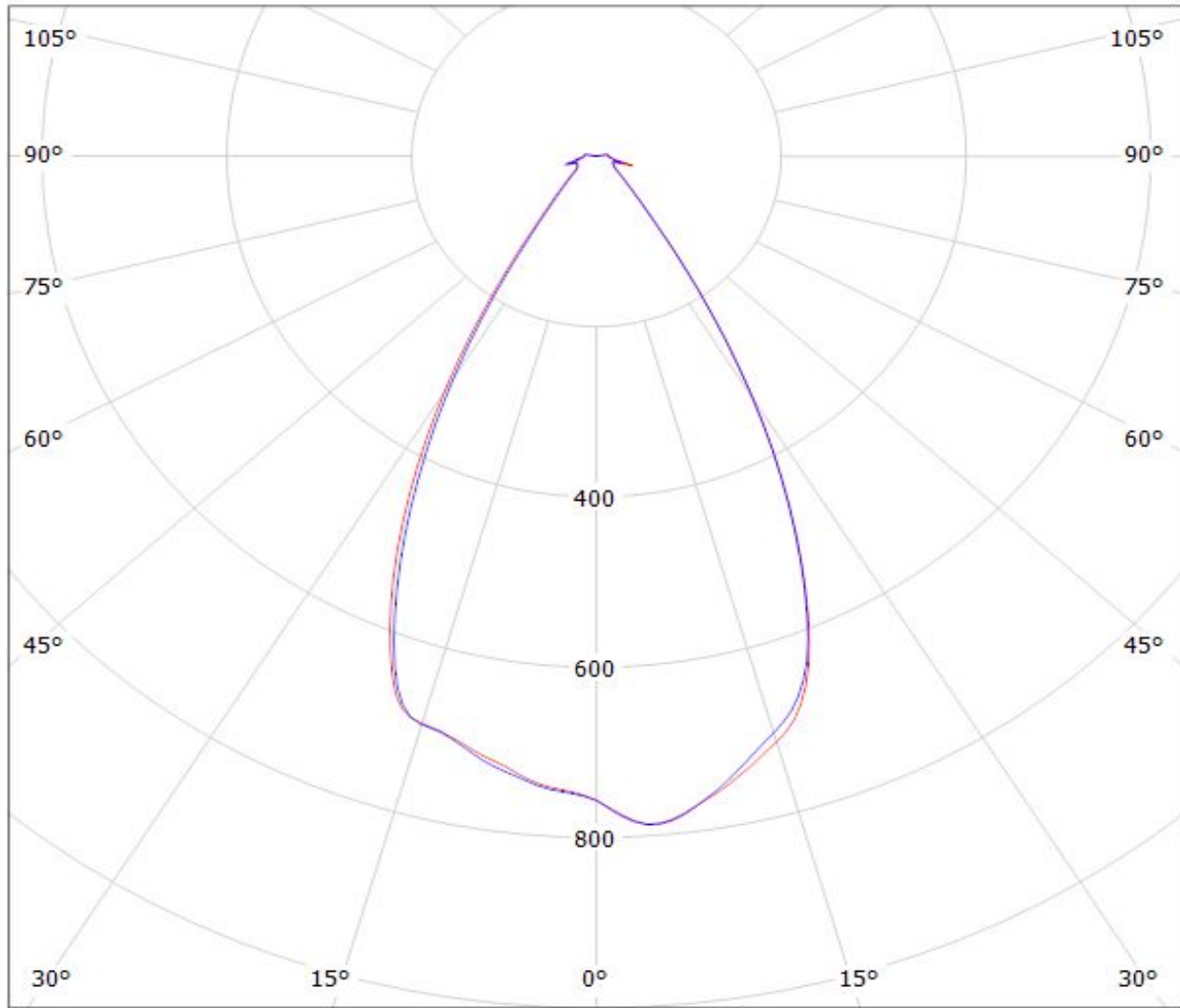
cd/klm

— C0 - C180 — C90 - C270

$\eta = 80\%$

Luminaire: Ledil FN14828_OLIVIA-M_(V10_Gen7)+BJB

Lamps: 1 x Bridgelux_V10_Gen7_(BXRE-30G2000-B)+BJB_47.319.6294_1072.16lm@250mA_P=8.598W_I=0.25A



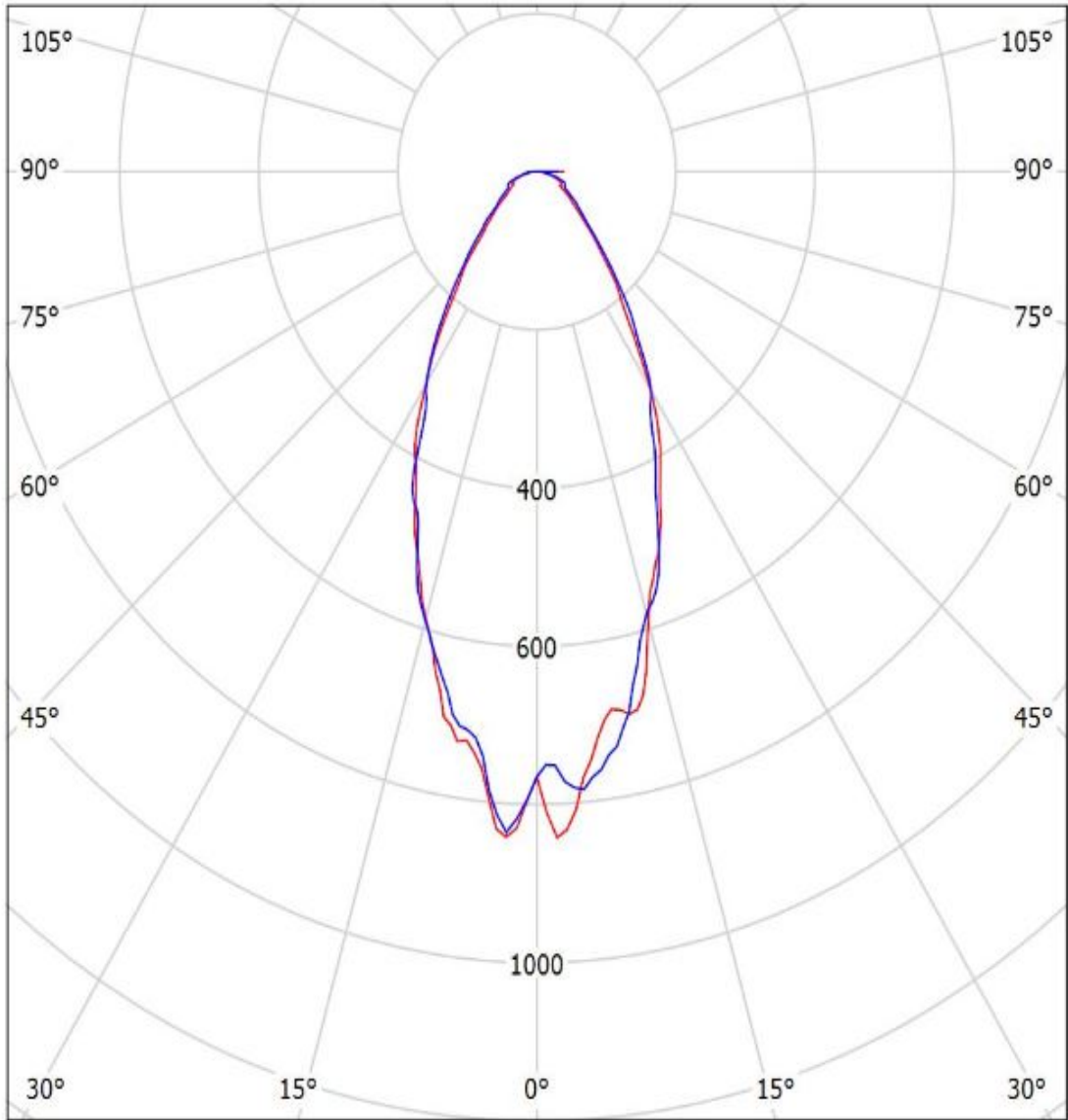
cd/klm

— C0 - C180

— C90 - C270

$\eta = 76\%$

Luminaire: Ledil Oy FN14828_OLIVIA-M_Bridgelux_V22_Gen7_SIMULATED FN14828_OLIVIA-M_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x FN14828_OLIVIA-M_Bridgelux_V22_Gen7_SIMULATED



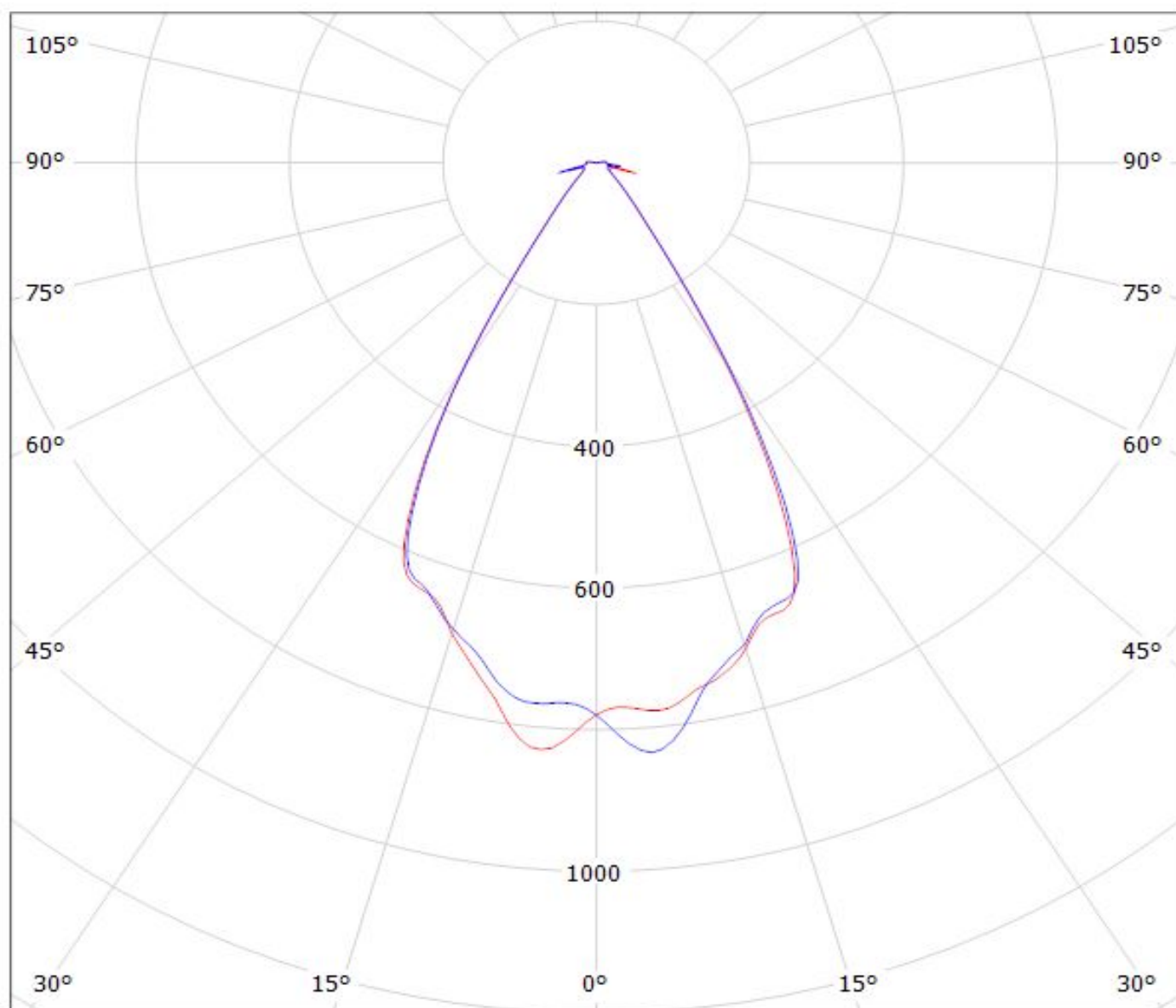
cd/klm

— C0 - C180 — C90 - C270

$\eta = 82\%$

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

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



cd/klm

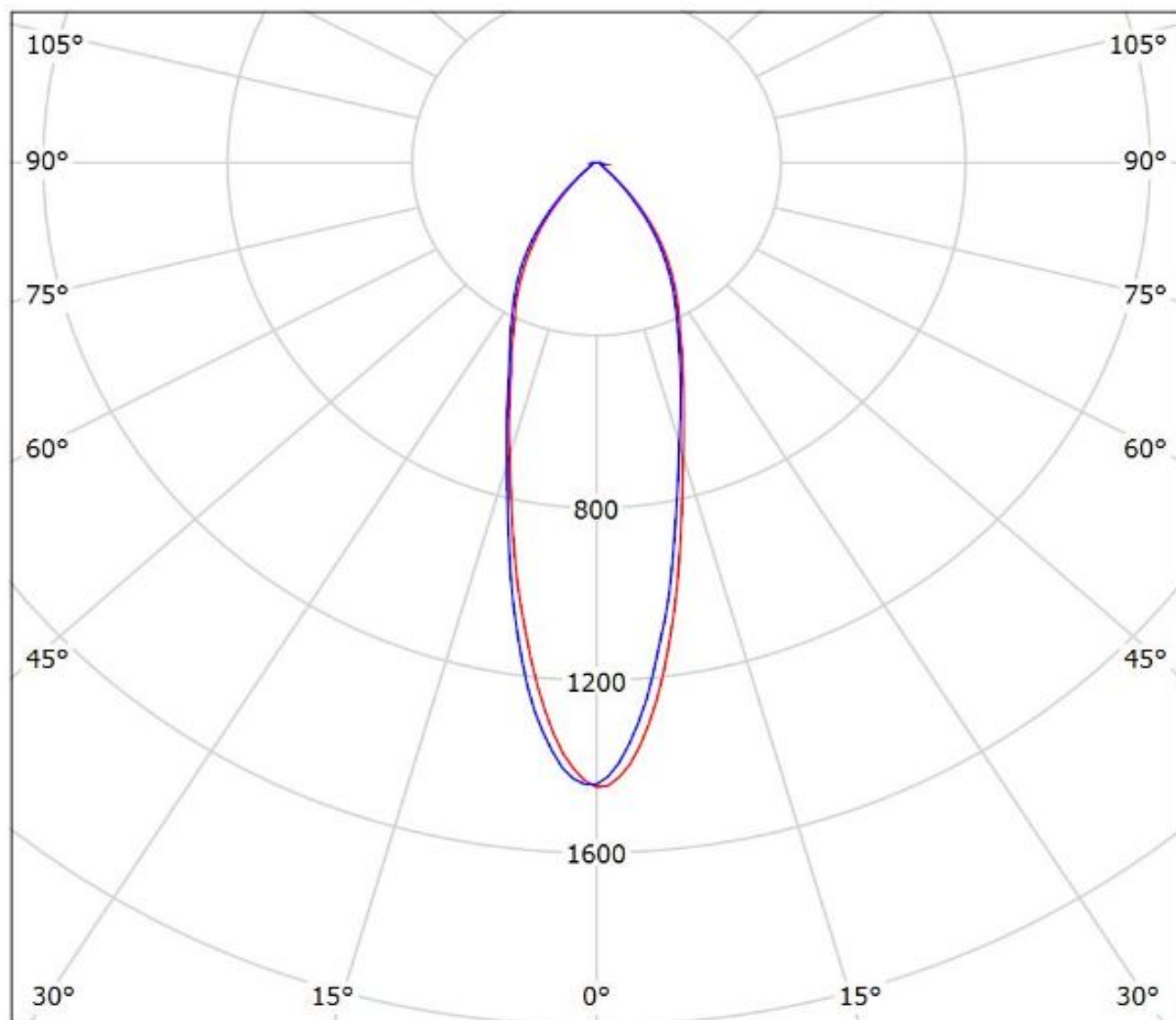
— C0 - C180

— C90 - C270

$\eta = 77\%$

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

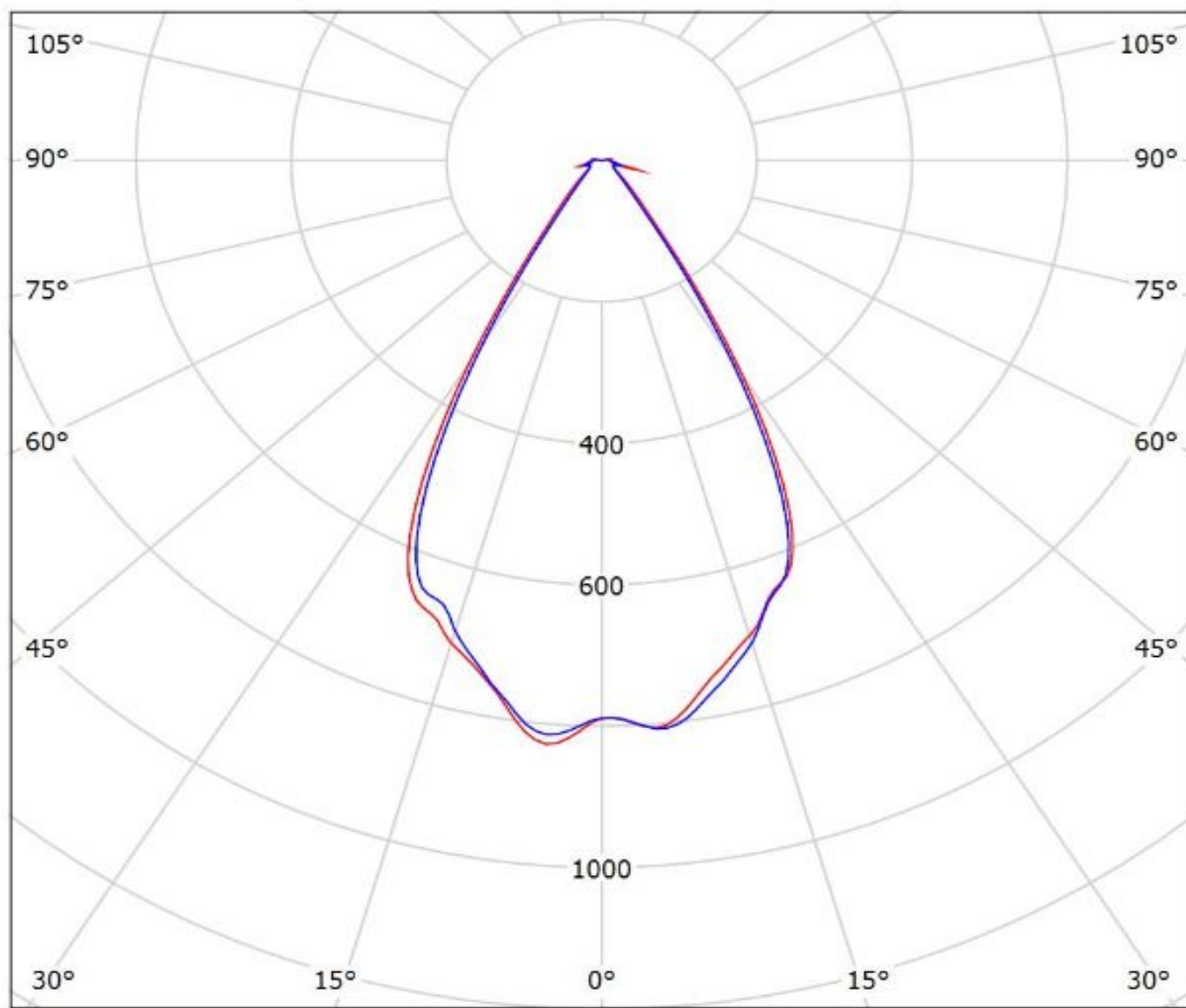


cd/klm

— C0 - C180 — C90 - C270

$\eta = 82\%$

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



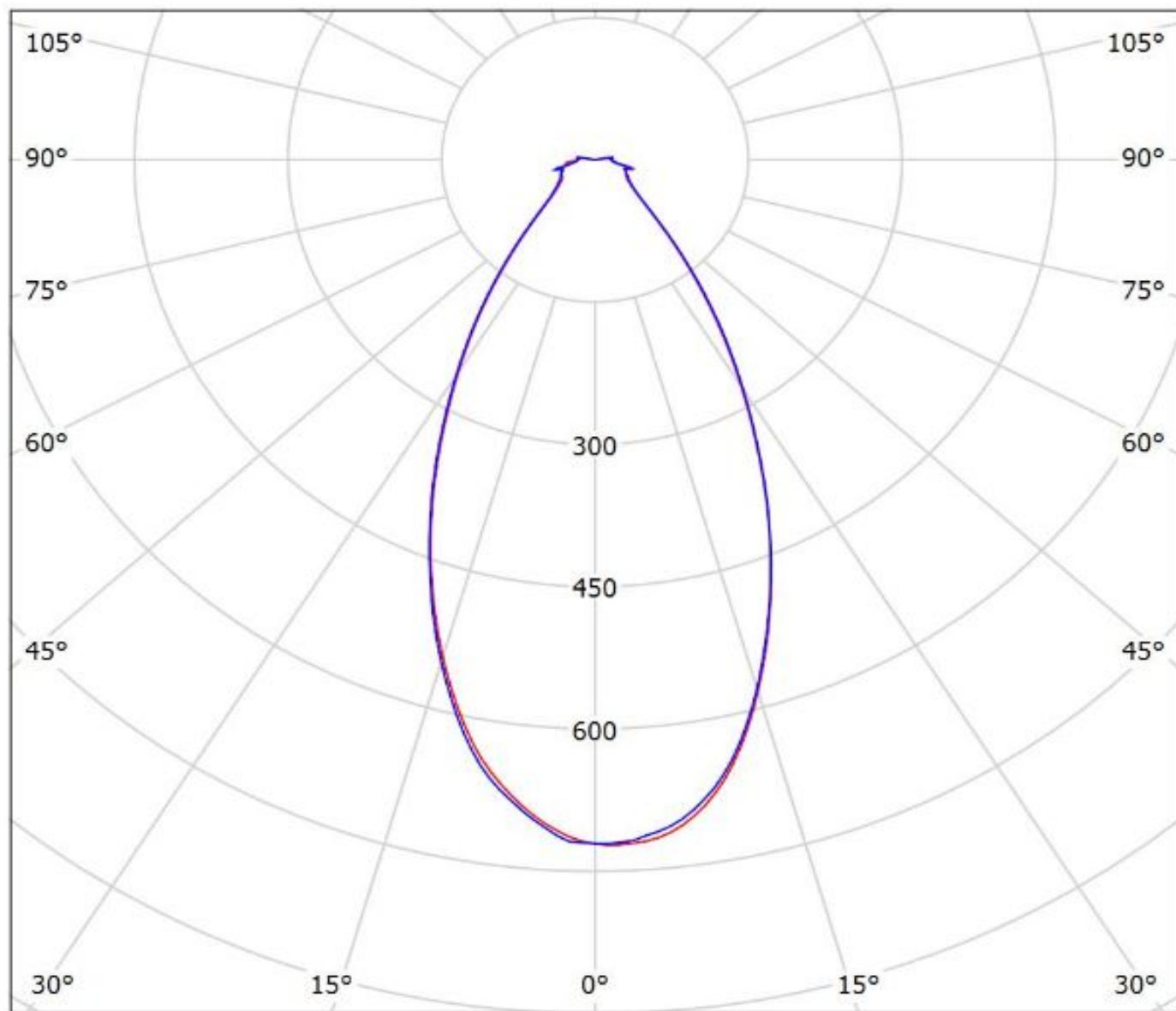
cd/klm

— C0 - C180 — C90 - C270

$\eta = 77\%$

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



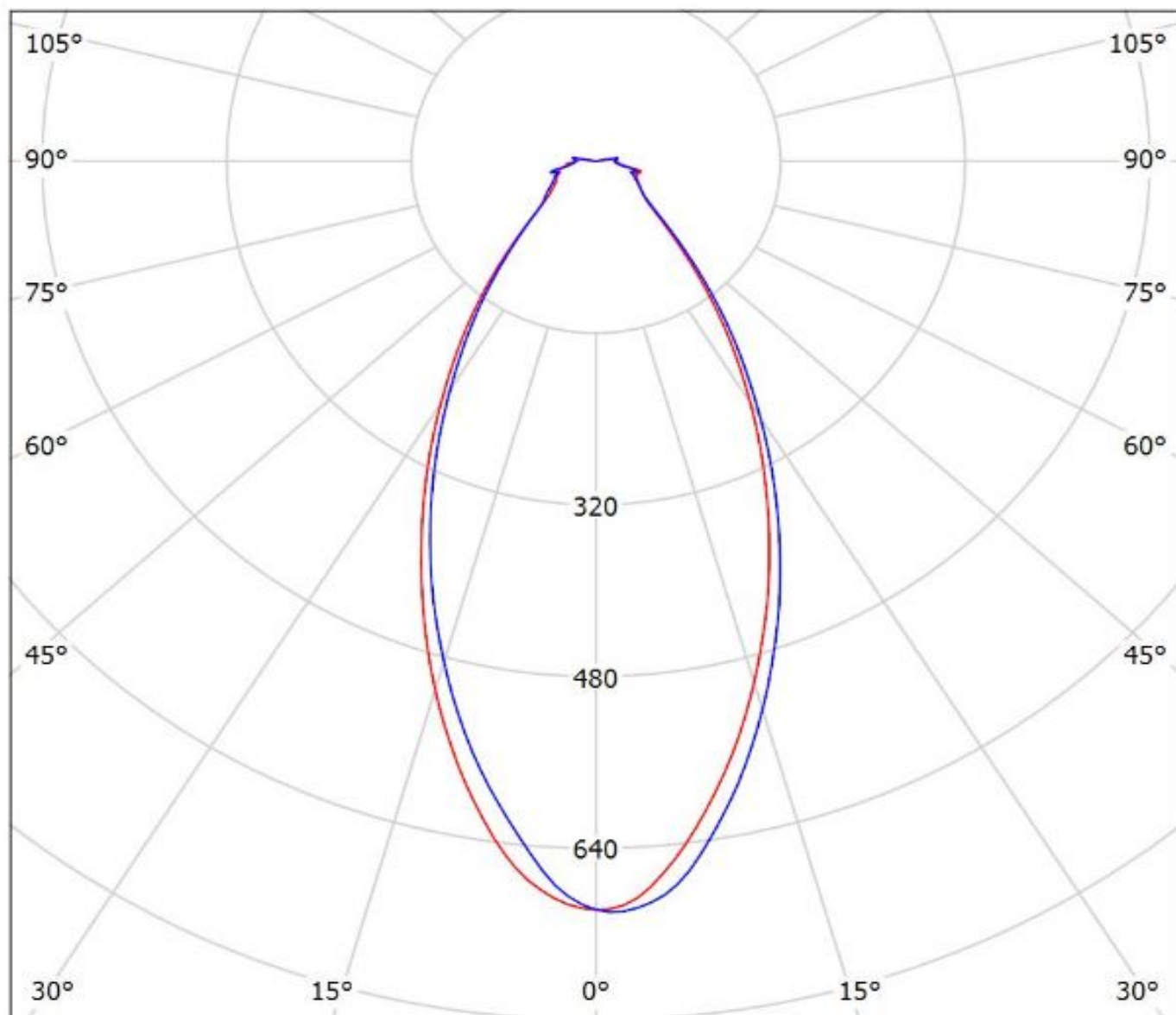
cd/klm

— C0 - C180 — C90 - C270

$\eta = 73\%$

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

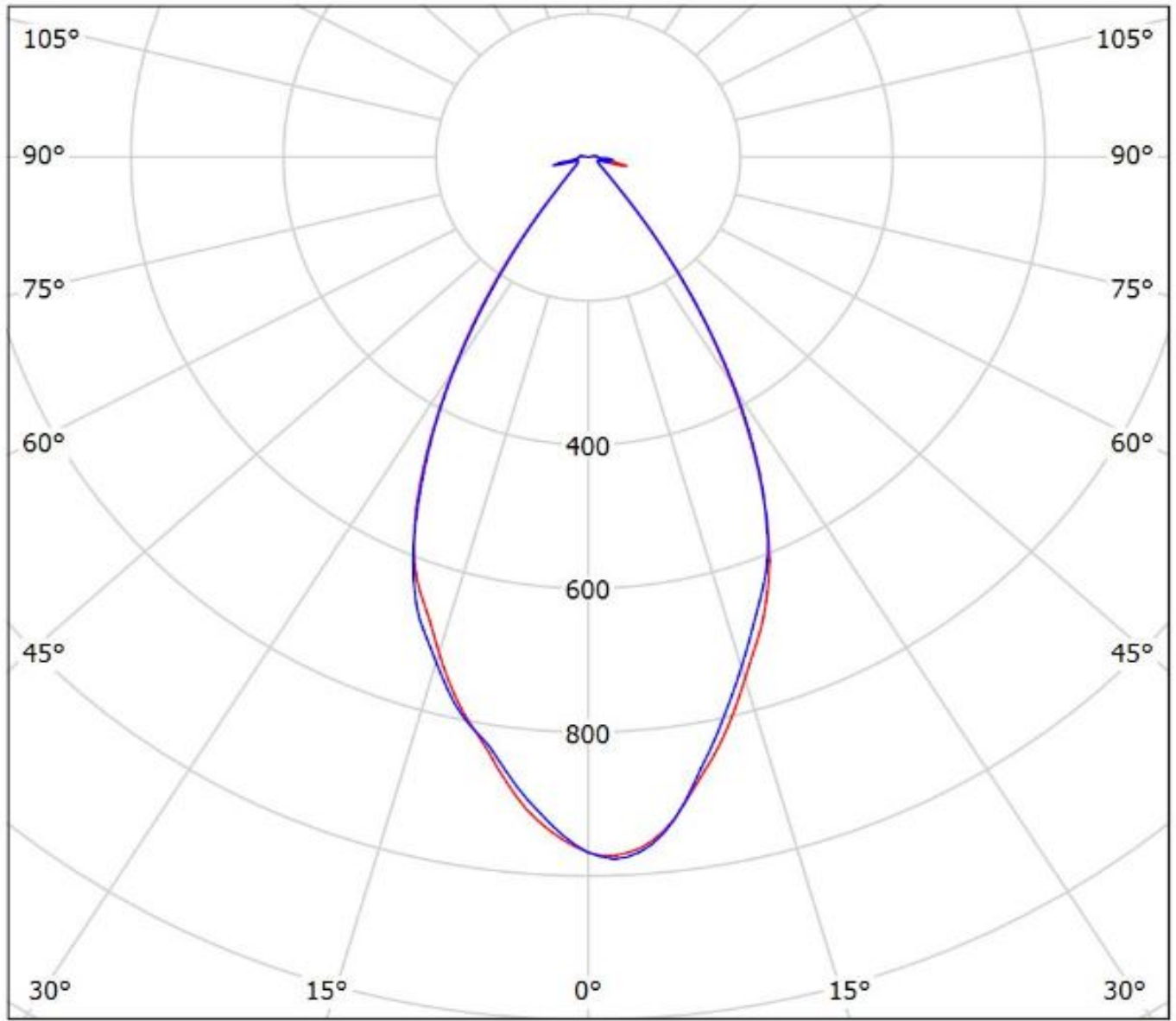
— C0 - C180

— C90 - C270

$\eta = 72\%$

Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES9)

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

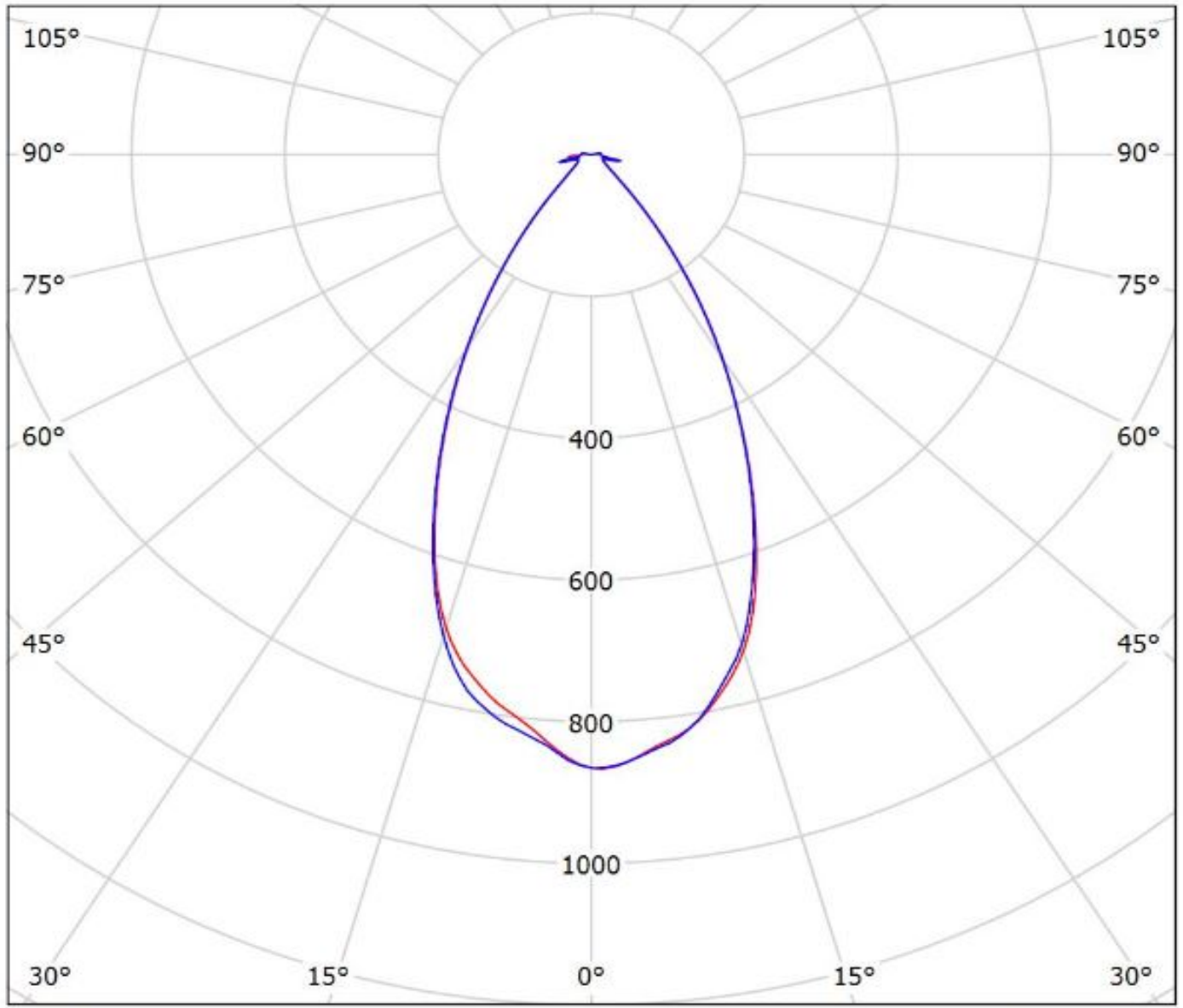


cd/klm

— C0 - C180 — C90 - C270

$\eta = 80\%$

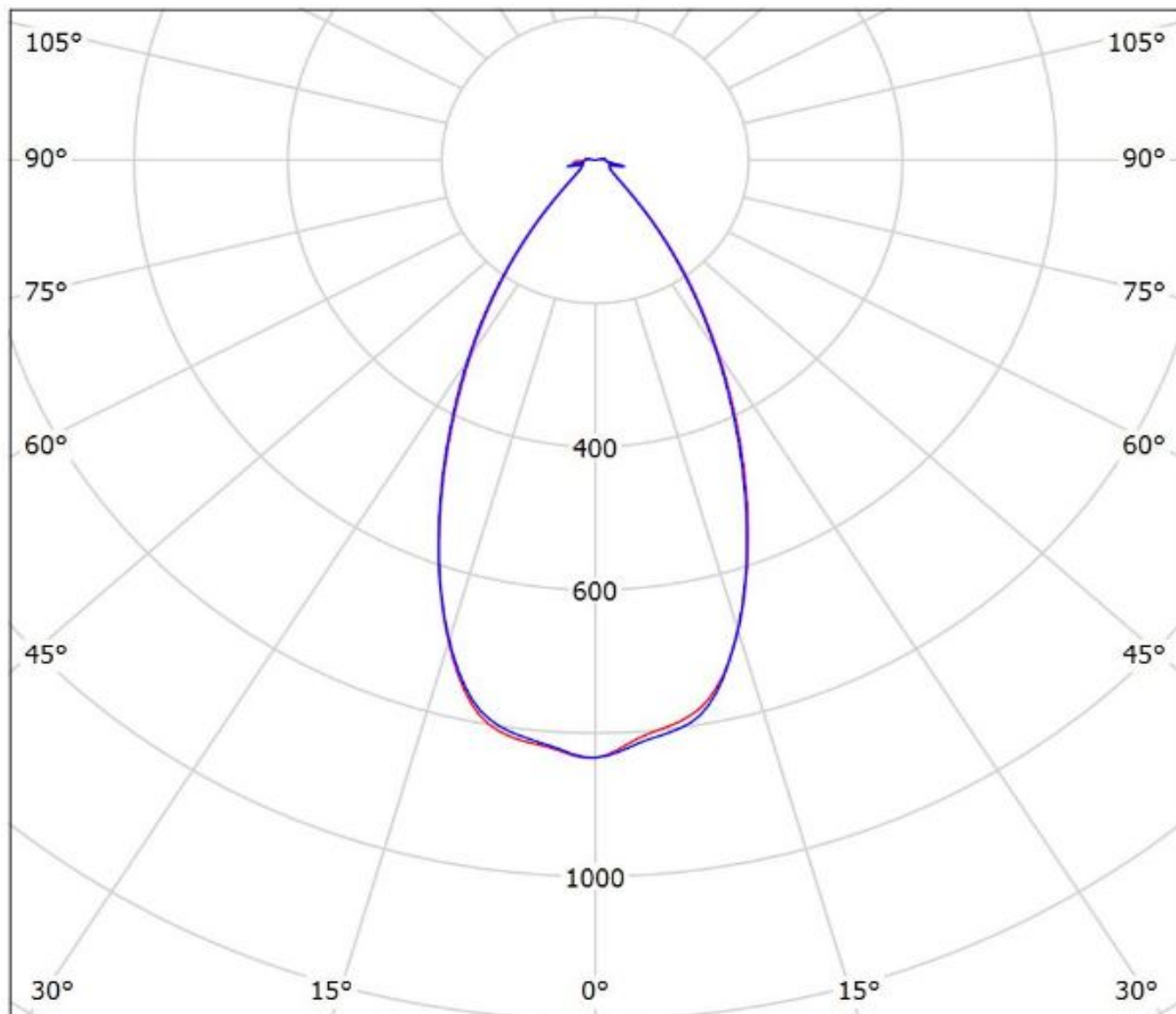
Luminaire: Ledil FN14828_OLIVIA-M_(Fortimo_SLM_G5_LES13)
Lamps: 1 x Fortimo_SLM_G5_LES13_1379.46lm@250mA_P=8.4550W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 78\%$

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



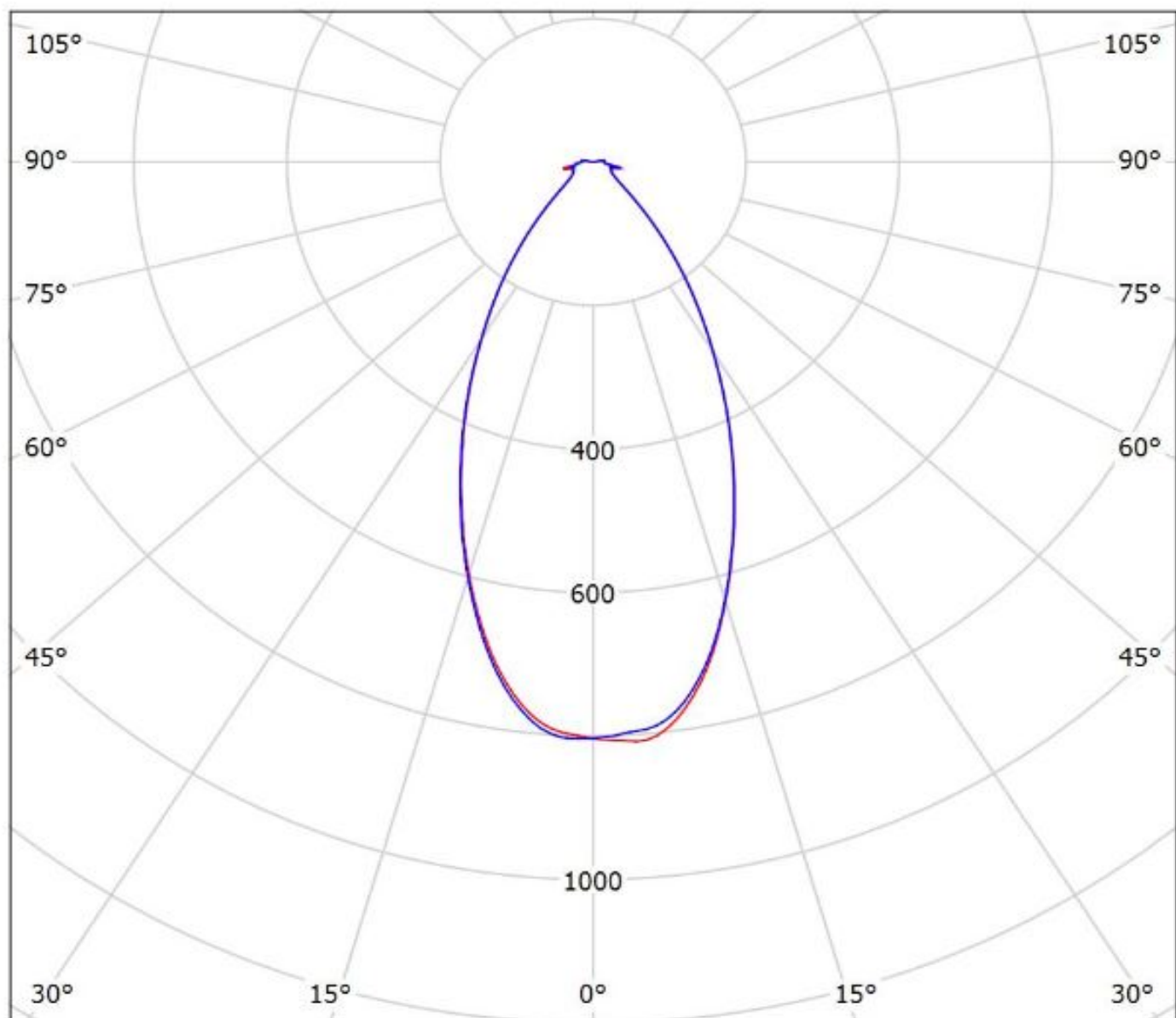
cd/klm

— C0 - C180 — C90 - C270

$\eta = 78\%$

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



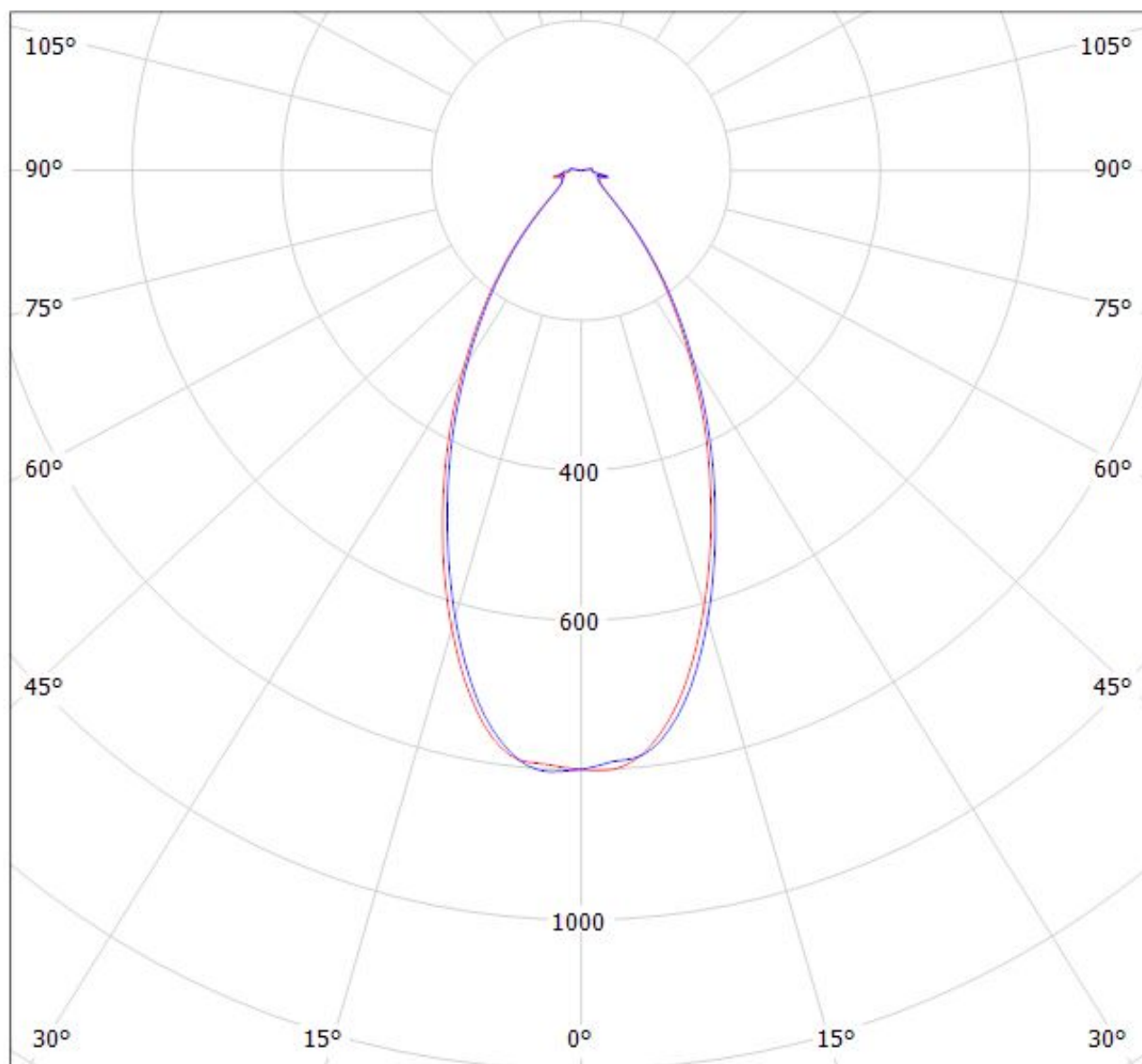
cd/klm

— C0 - C180 — C90 - C270

$\eta = 77\%$

Luminaire: LEDiL Oy FN14828_OLIVIA-M_(SLM_1211_L19_G6)

Lamps: 1 x Philips_Fortimo_SLM_1211_L19_G6_Poke-In_1152.17lm@250mA_P=8.10051W_I=0.25A



cd/klm

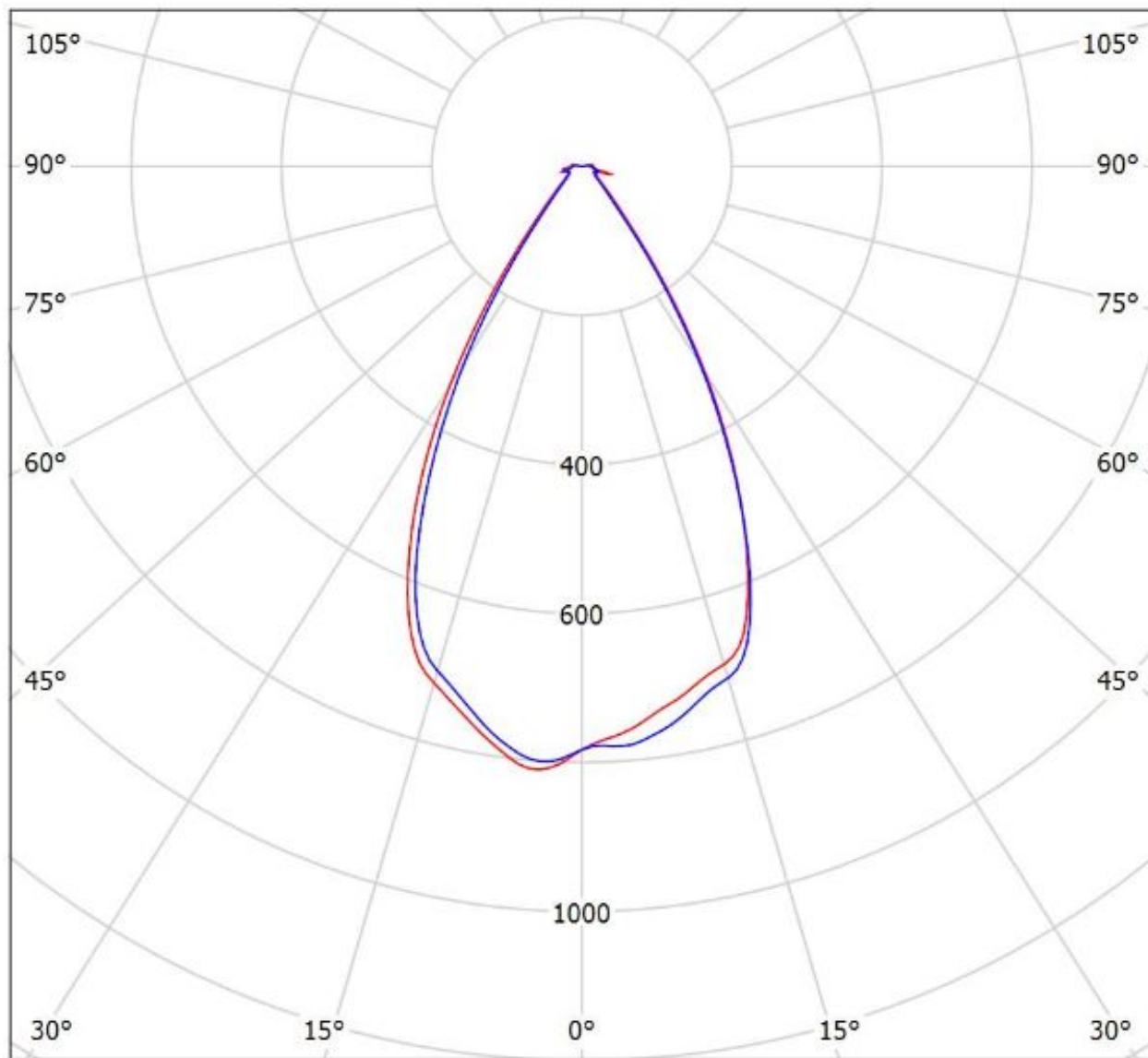
— C0 - C180

— C90 - C270

$\eta = 76\%$

Luminaire: LEDiL Oy FN14828_OLIVIA-M_(Samsung_COB_D_9.8mm)

Lamps: 1 x Samsung_COB_D_series_LES_9.8mm_LC013D_CCT=4000K_551.47lm@100mA_P=3.2383W_I=0.100A



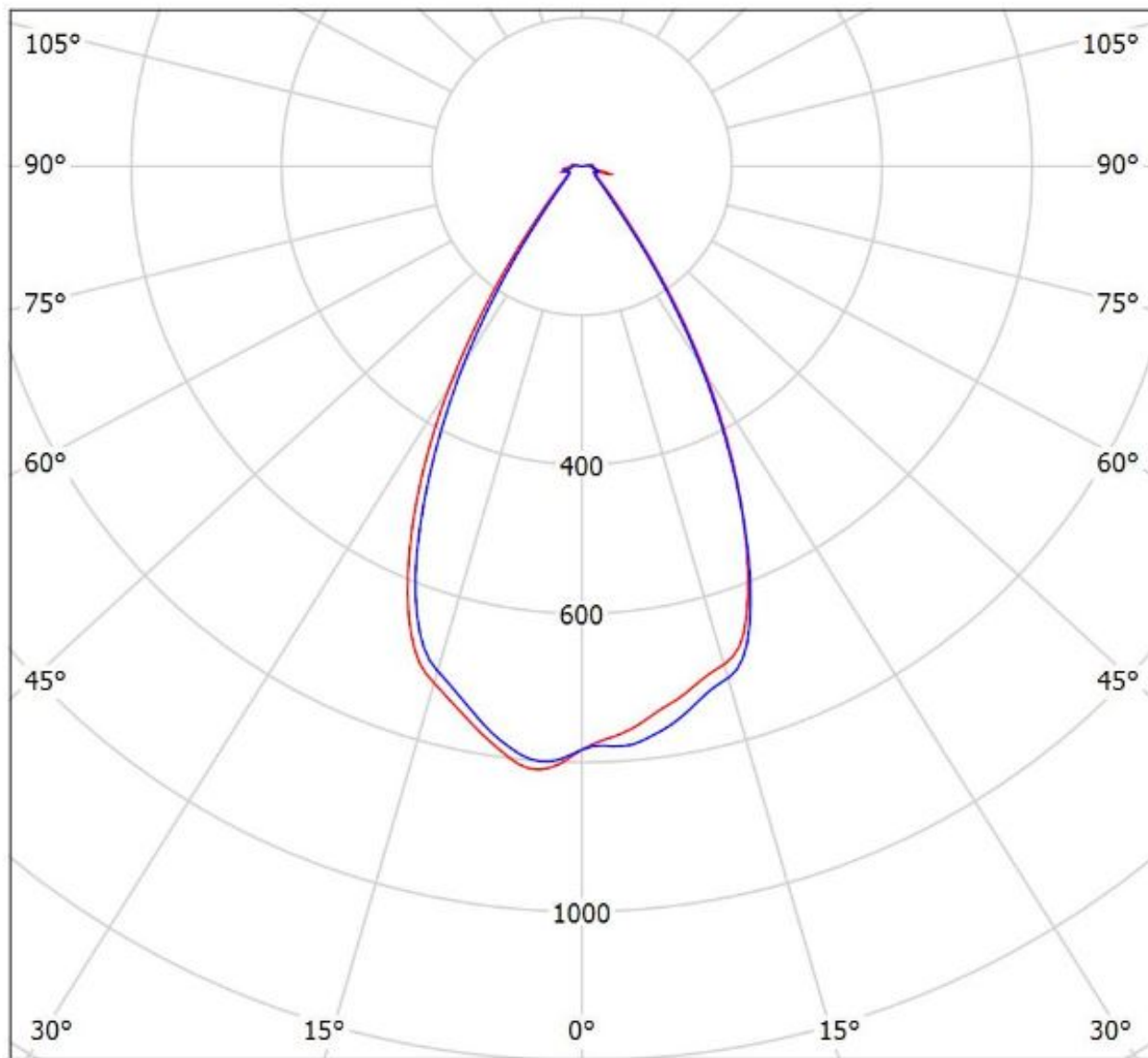
cd/klm

— C0 - C180 — C90 - C270

$\eta = 77\%$

Luminaire: LEDiL Oy FN14828_OLIVIA-M_(Samsung_COB_D_9.8mm)

Lamps: 1 x Samsung_COB_D_series_LES_9.8mm_LC013D_CCT=4000K_551.47lm@100mA_P=3.2383W_I=0.100A



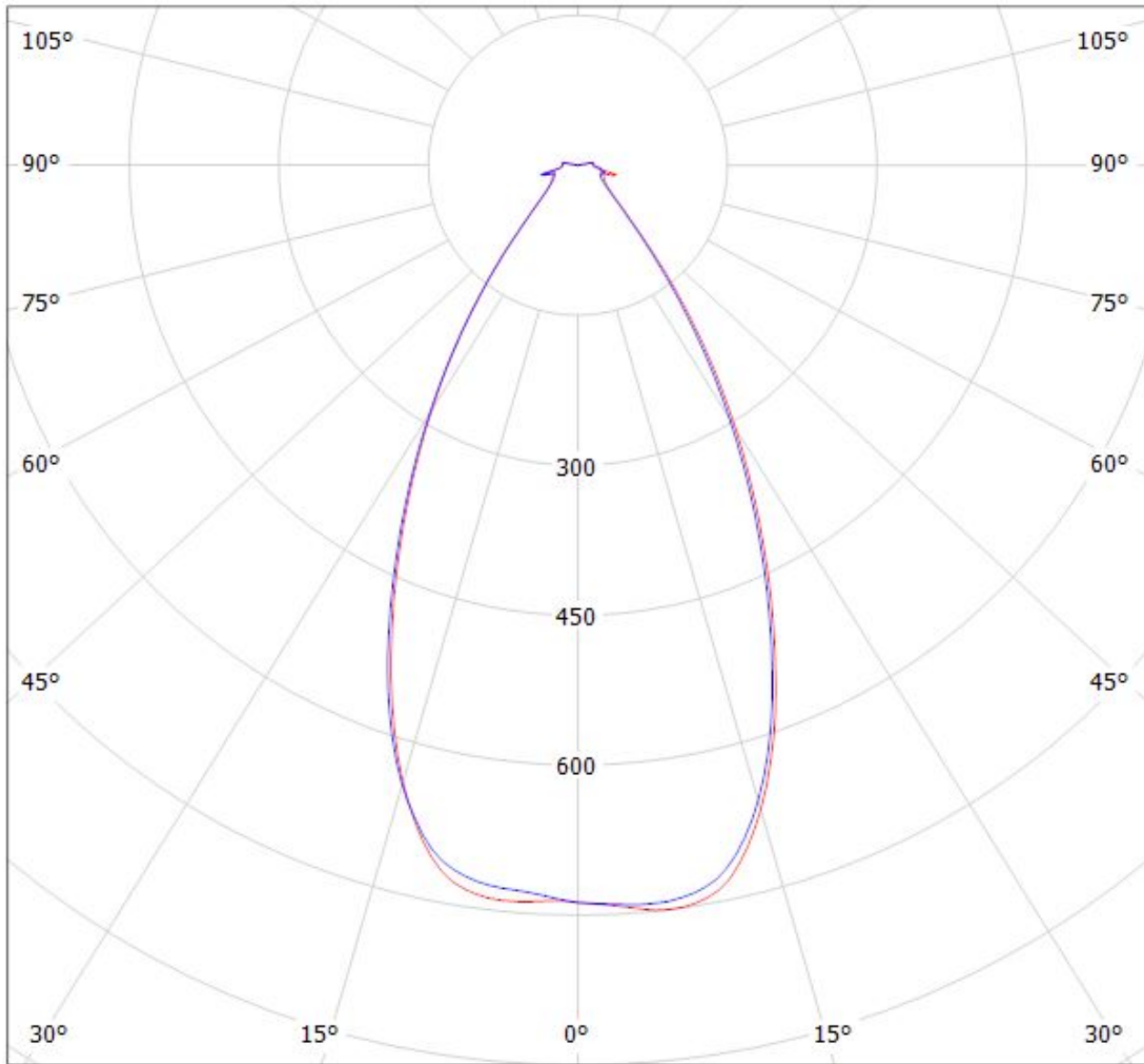
cd/klm

— C0 - C180 — C90 - C270

$\eta = 77\%$

Luminaire: LEDiL Oy FN14828_OLIVIA-M_(COB_D_LES14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1289.58lm@250mA_CCT=3000K_P=8.11375W_I=0.250A



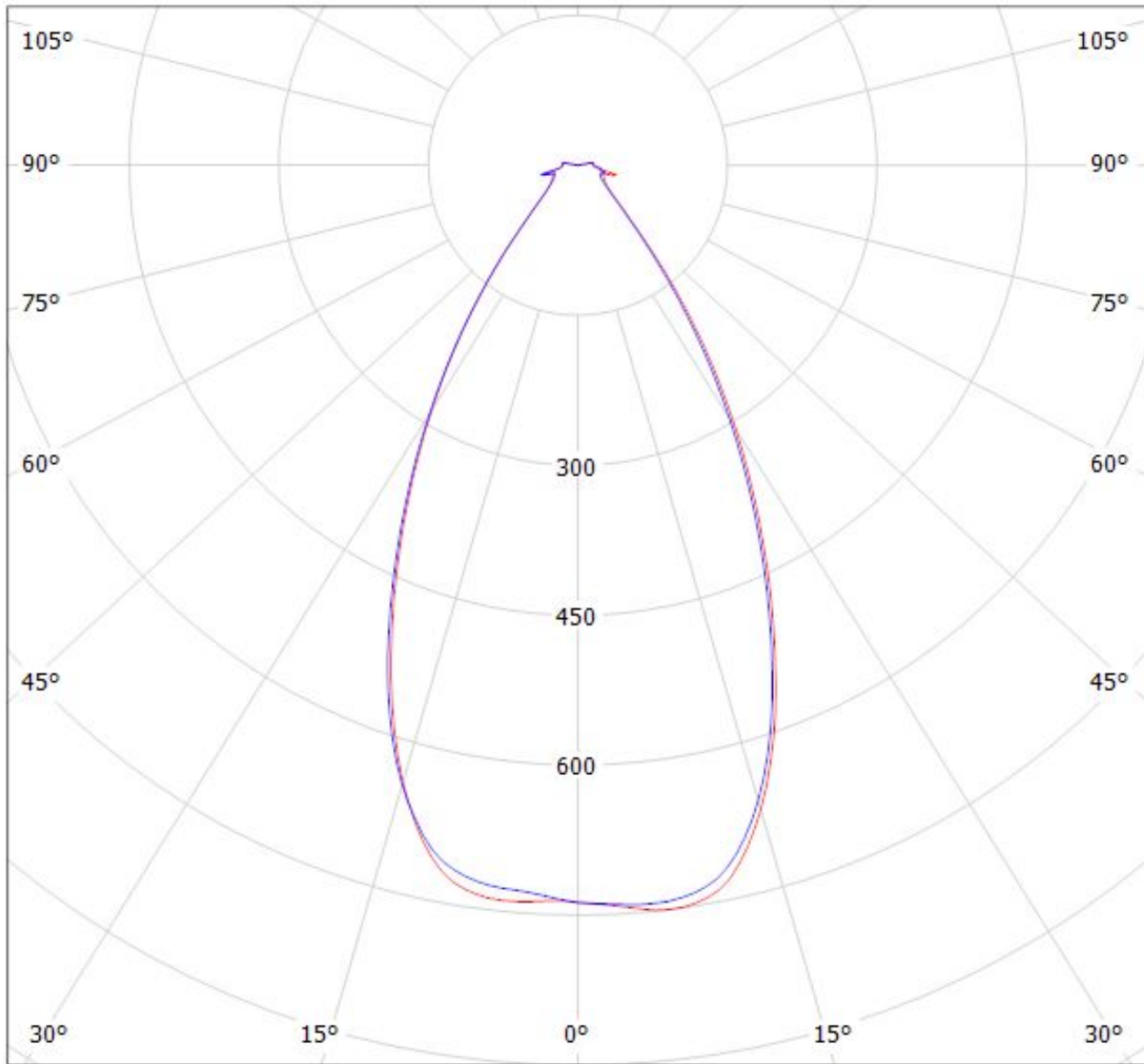
cd/klm

— C0 - C180 — C90 - C270

$\eta = 76\%$

Luminaire: LEDiL Oy FN14828_OLIVIA-M_(COB_D_LES14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1289.58lm@250mA_CCT=3000K_P=8.11375W_I=0.250A



cd/klm

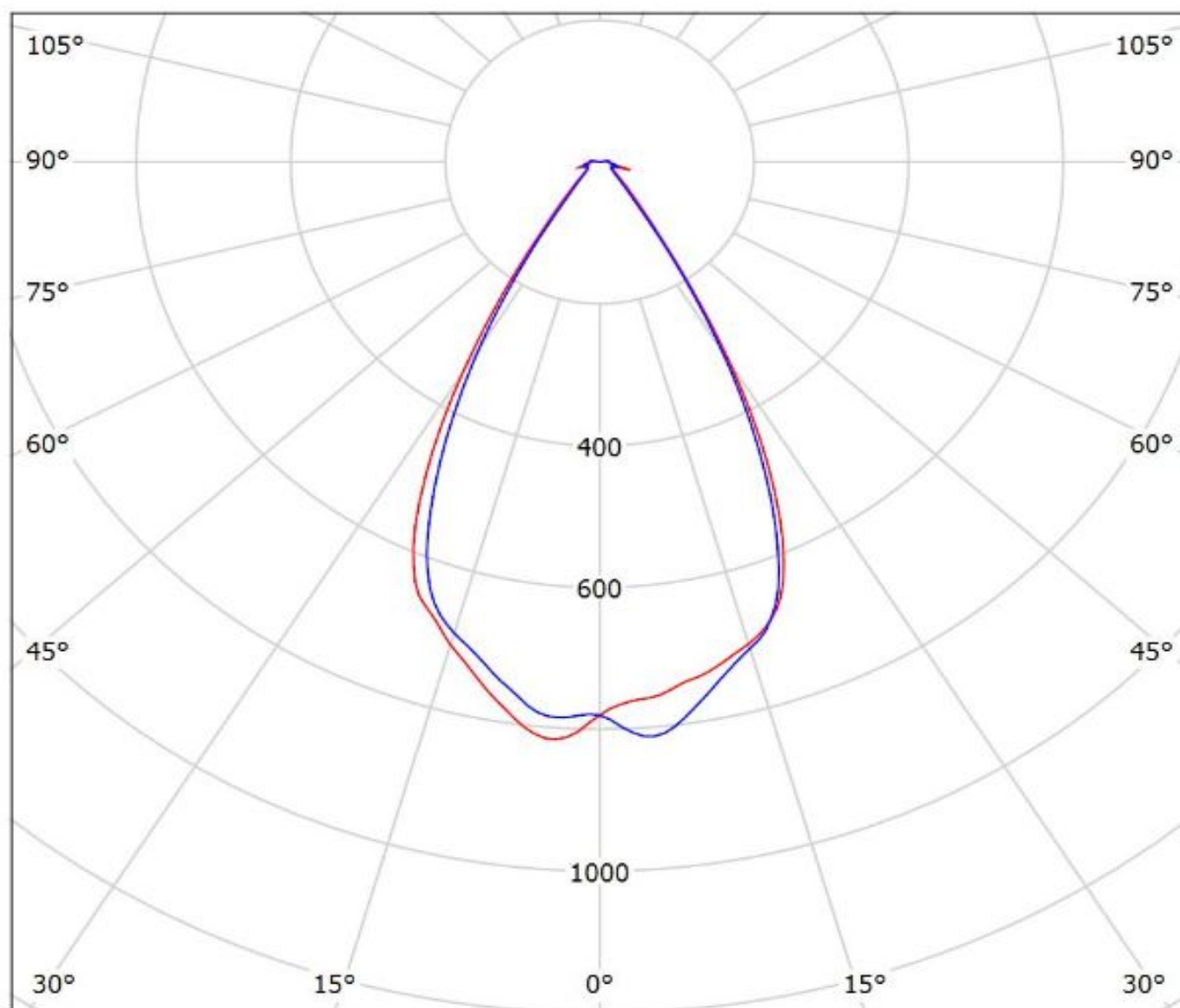
— C0 - C180 — C90 - C270

$\eta = 76\%$

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

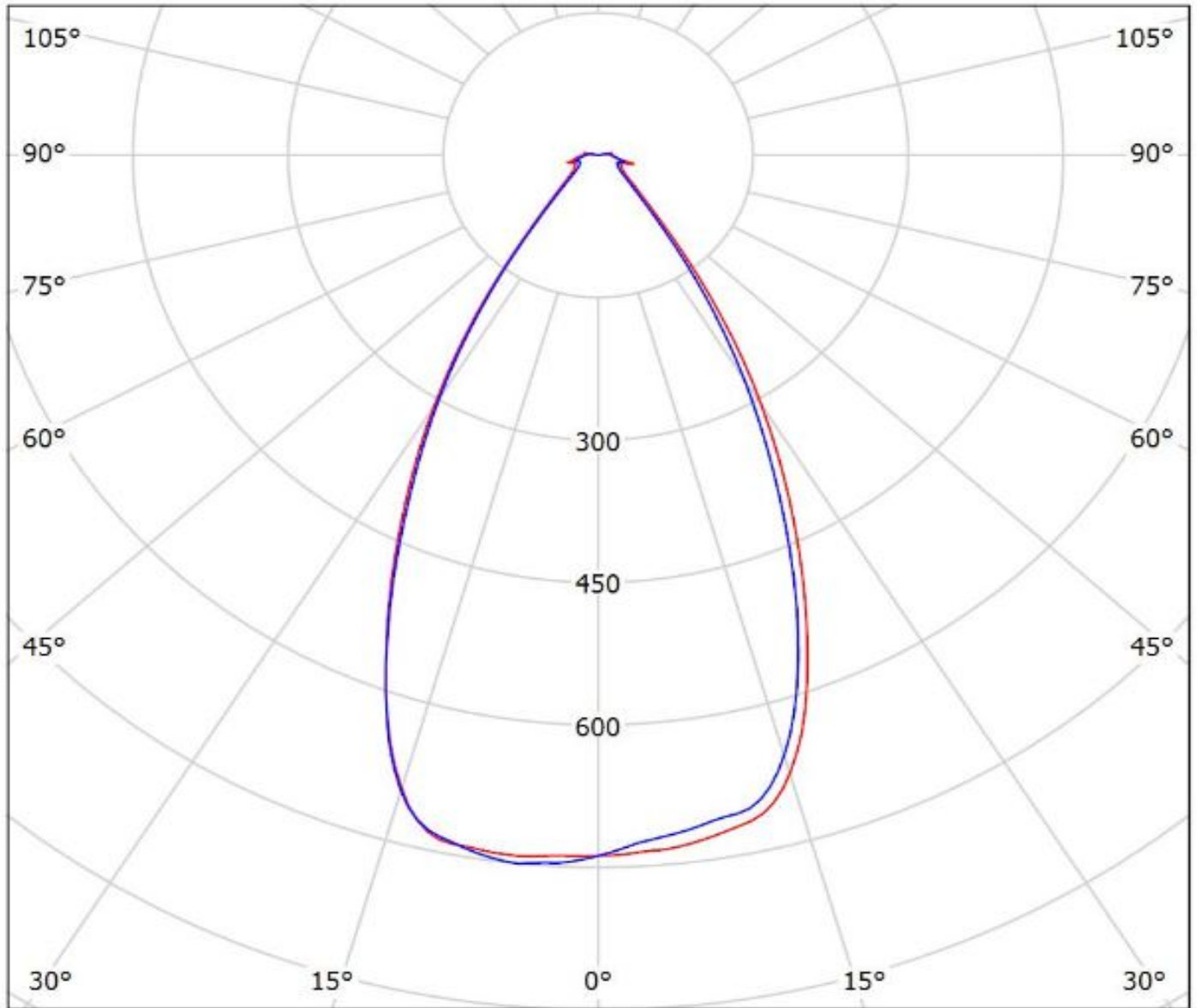


cd/klm

— C0 - C180 — C90 - C270

$\eta = 77\%$

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

$\eta = 75\%$

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.