

DETAILS

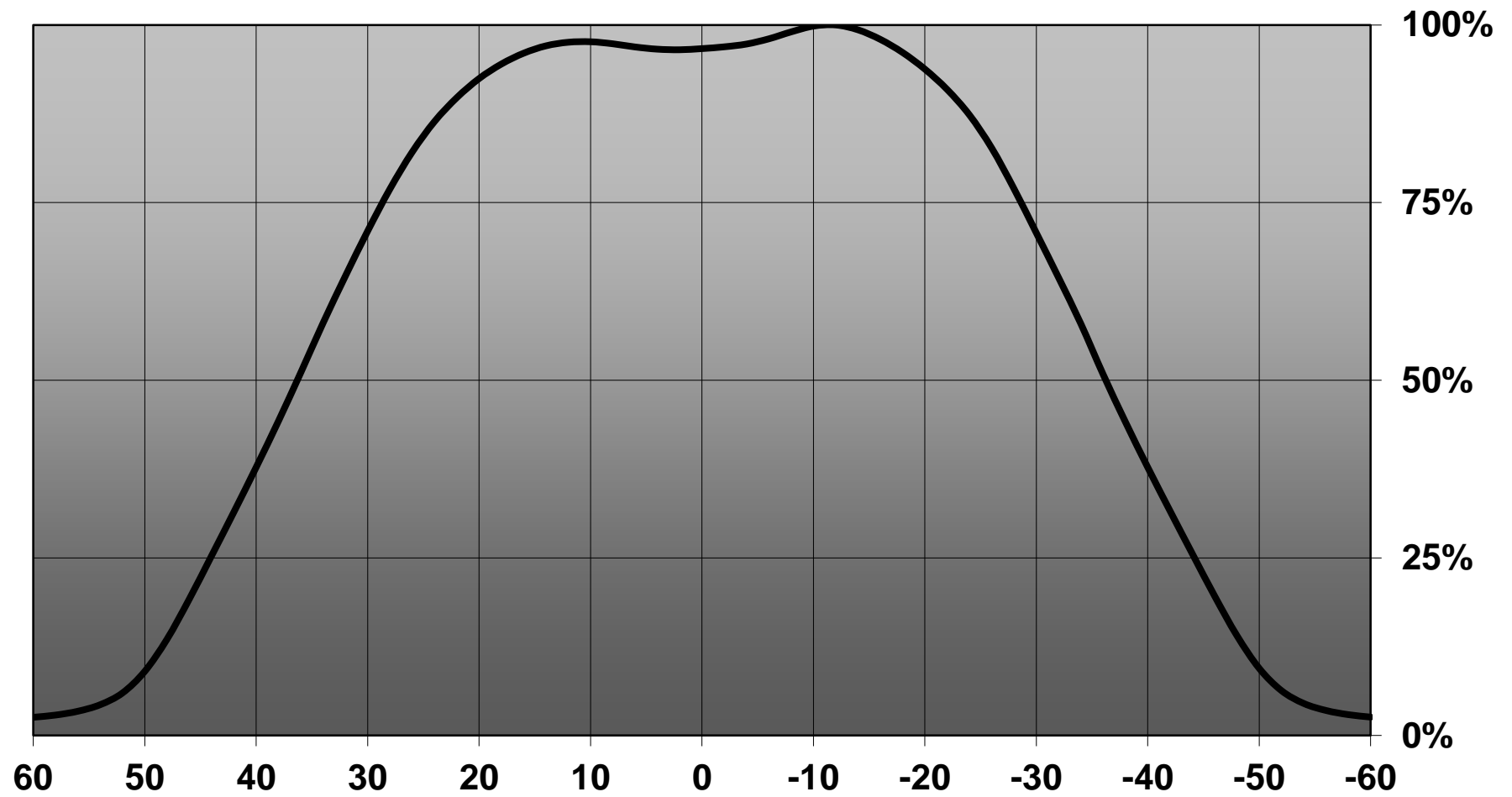
Product Number	FN14074_STELLA-HB
Family	STELLA
Type	Lens
Color	clear
Diameter	90 mm
Height	19,5 mm
Style	round
Optic Material	Silicone
Holder Material	PA66GF30
Fastening	screw
Status	ready
ROHS Compliant	Yes
Date Updated	1/07/2015



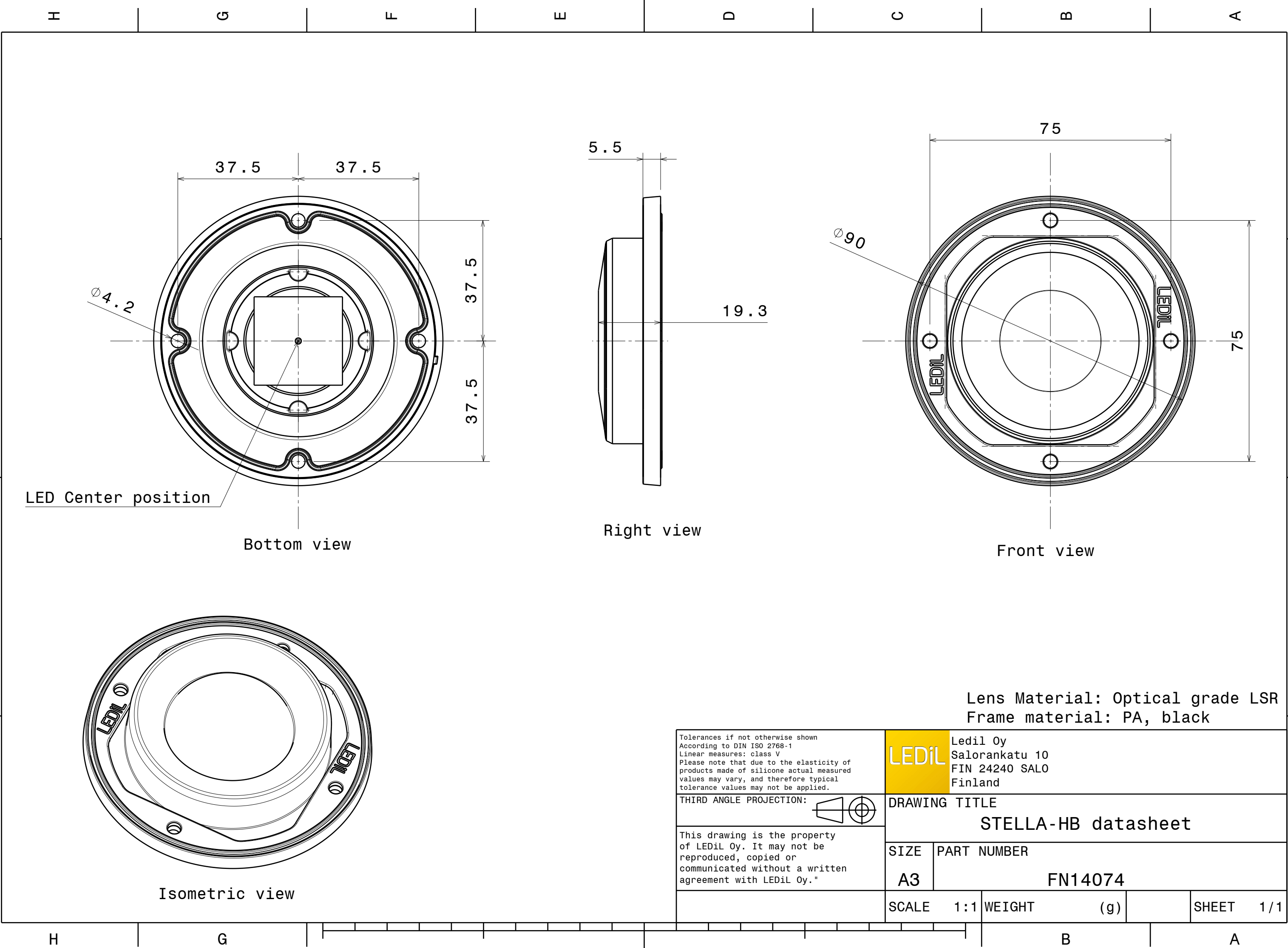
OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
CLL05x/CLU054/CLU056	65 deg	HighBay	94 %	0.740	Bender Wirth: 458 Typ L4
CLL04x/CLU044/CLU046	68 deg	HighBay	93 %	0.770	Bender Wirth: 431 Typ L3
VERO29	69 deg	HighBay	94 %	0.708	-
LUXEON CoB 1211	71 deg	HighBay	93 %	0.730	-
CXA/B 3590	72 deg	HighBay	93 %	0.682	-
Luxeon CoB 1216	72 deg	HighBay	94 %	0.720	-
CLL05x/CLU054/CLU056	73 deg	HighBay	93 %	0.630	-
CXM-22	73 deg	HighBay	93 %	0.700	-
VERO18	75 deg	HighBay	93 %	0.700	-
CLL04x/CLU044/CLU046	77 deg	HighBay	94 %	0.650	-
CXA/B 30xx	78 deg	HighBay	93 %	0.630	-
CXM-18	80 deg	HighBay	93 %	0.600	-
CXA/B 25xx	83 deg	HighBay	93 %	0.566	-
Solericq S19	84 deg	HighBay	92 %	0.570	-

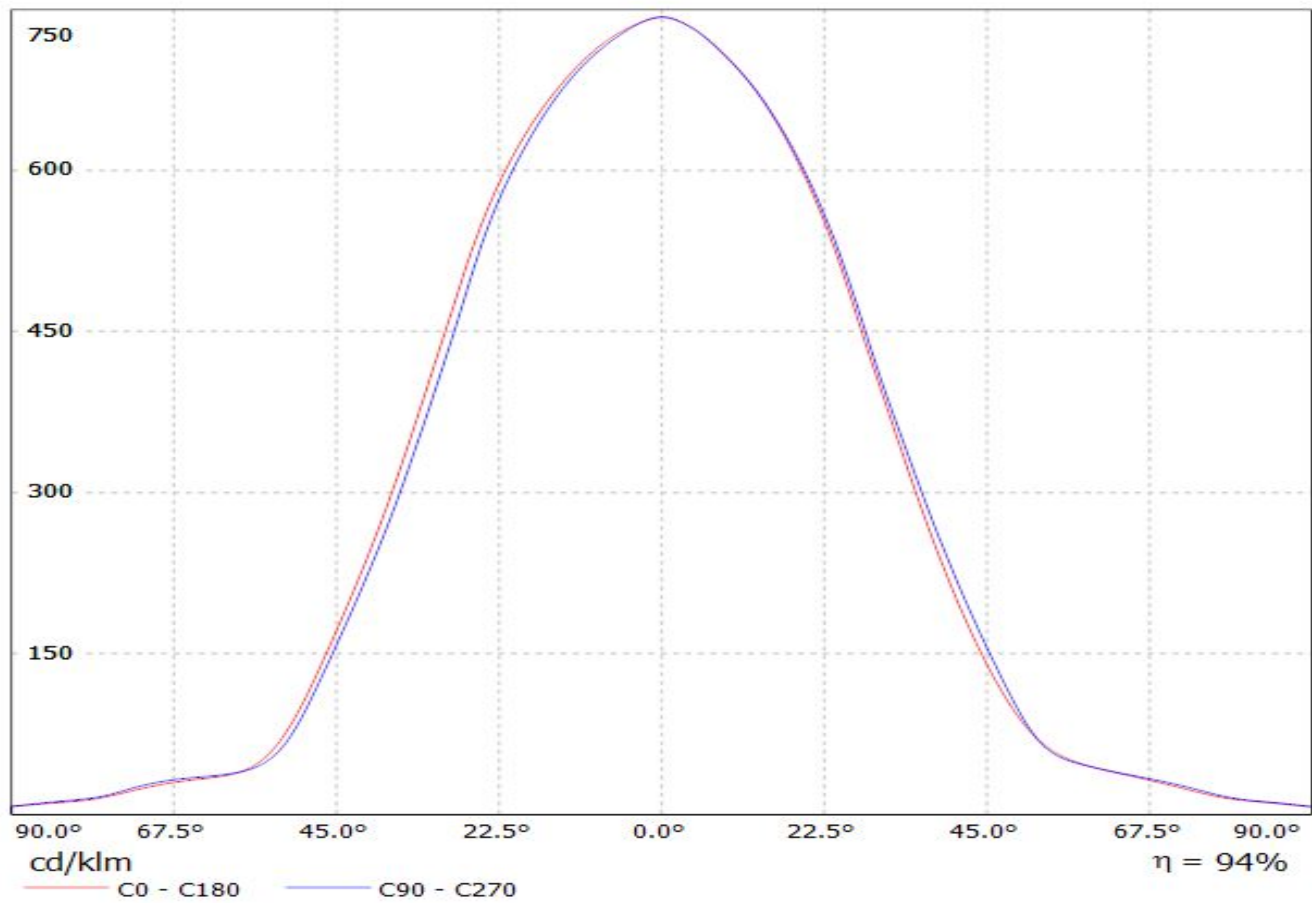
Relative intensity of FN14074_STELLA-HB_(CXM-22)



— 1: 0-180



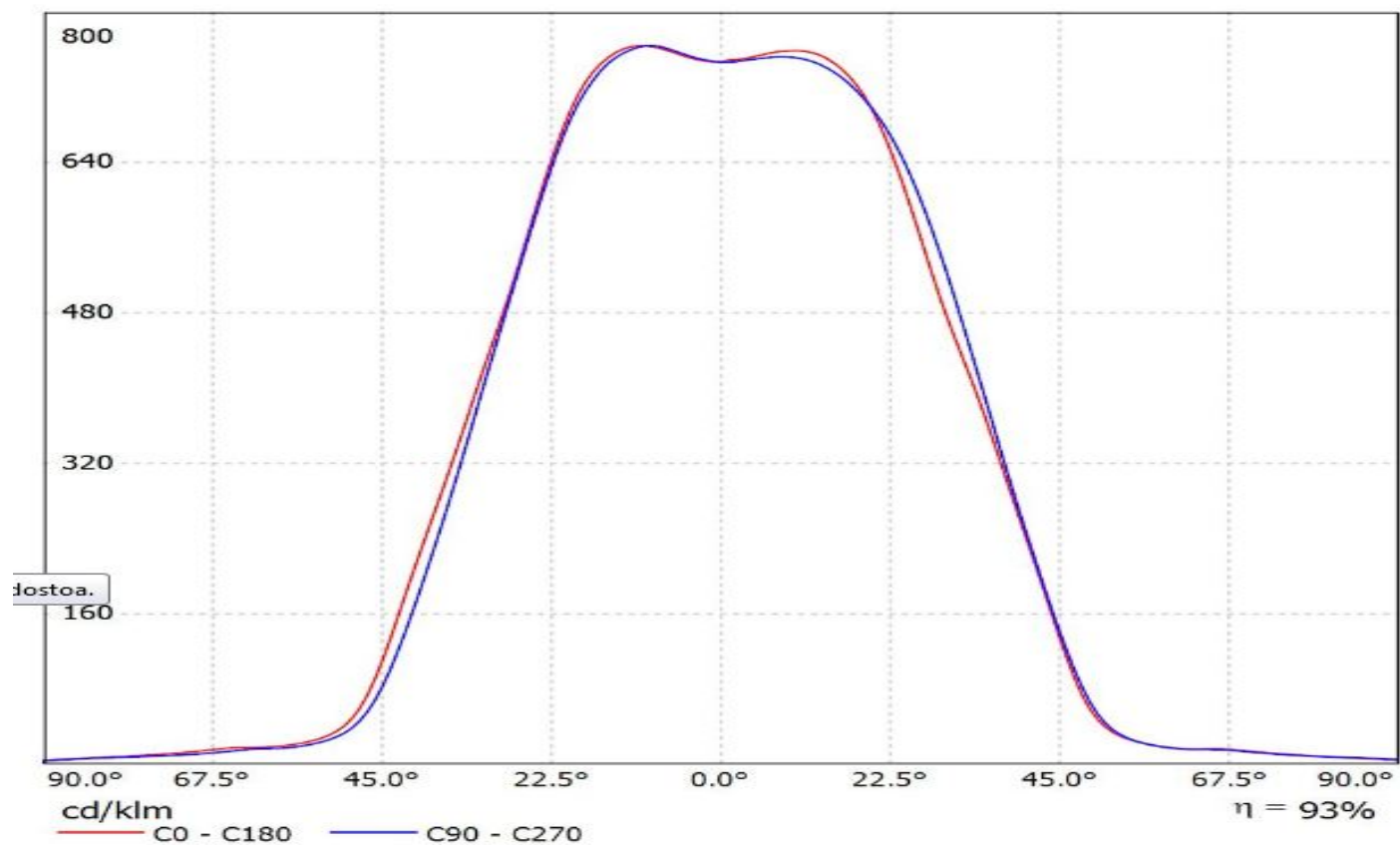
Luminaire: LEDiL Oy FN14074_STELLA-HB_(CLL050)
Lamps: 1 x CLL050+_B+W_458_Typ_L4_1471.17lm@250mA_P=12.0411W_I=250mA



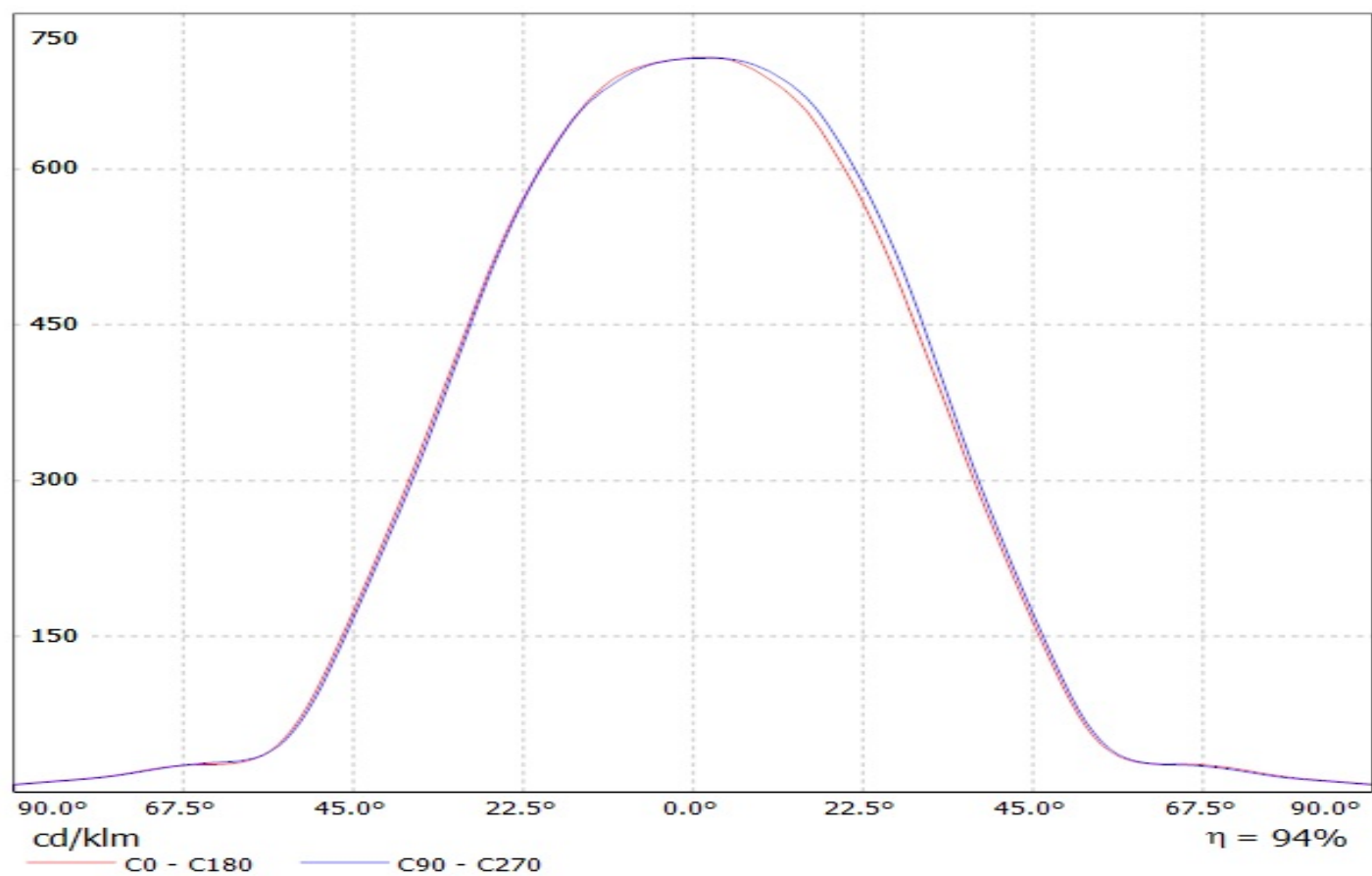
Ledil FN14074_STELLA-HB_(CLU044)_(431_Typ_L3) / LDC (Linear)

Luminaire: Ledil FN14074_STELLA-HB_(CLU044)_(431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1334.99lm@250mA_P=8.16W_I=0.25A



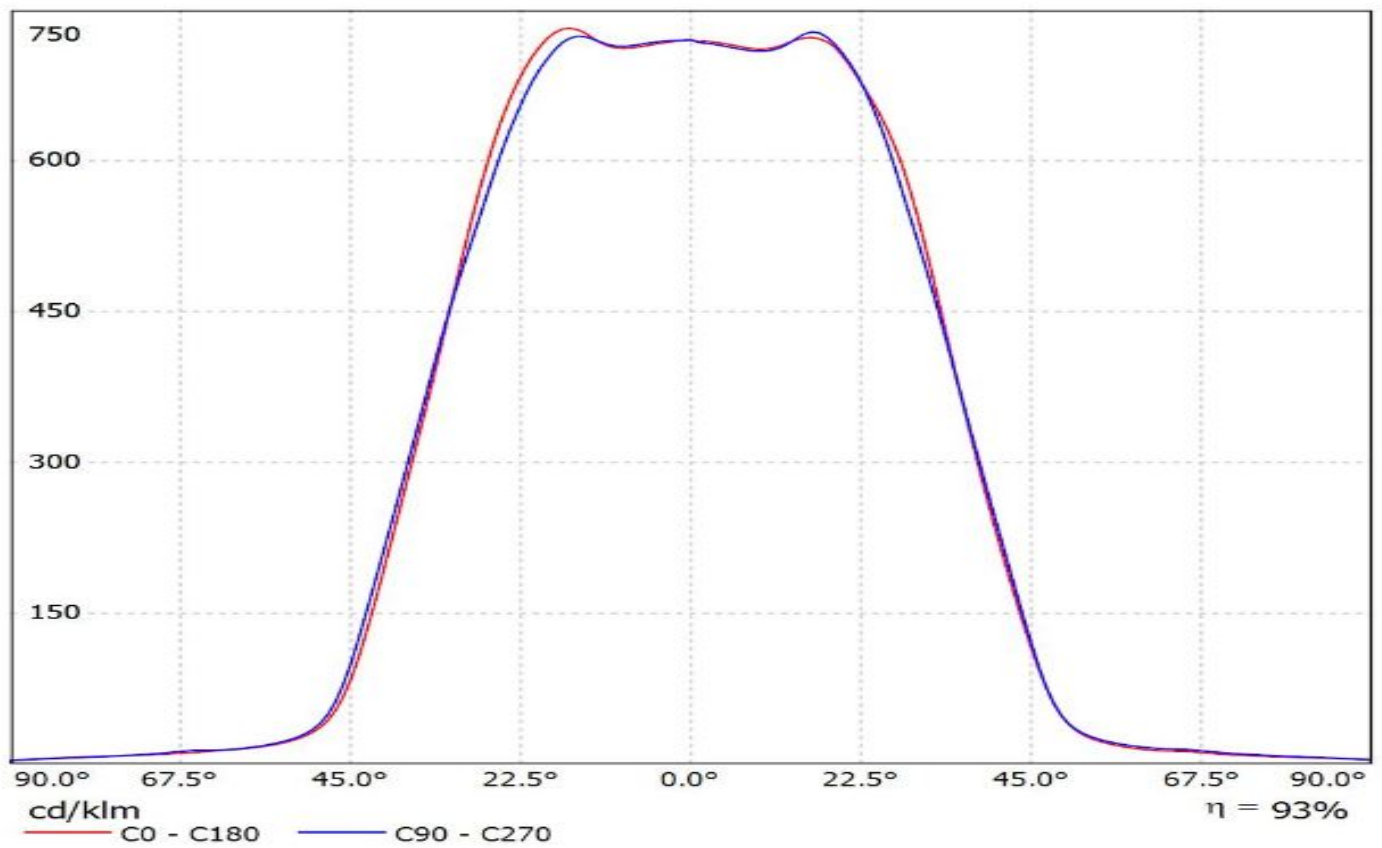
Luminaire: LEDiL Oy FN14074_STELLA-HB_(VERO29)
Lamps: 1 x Bridgelux_VERO29_(BXRC-50C10K0-L-04)
_568.615lm@100mA_CCT=4910K_P=3.4015W_I=100.1mA



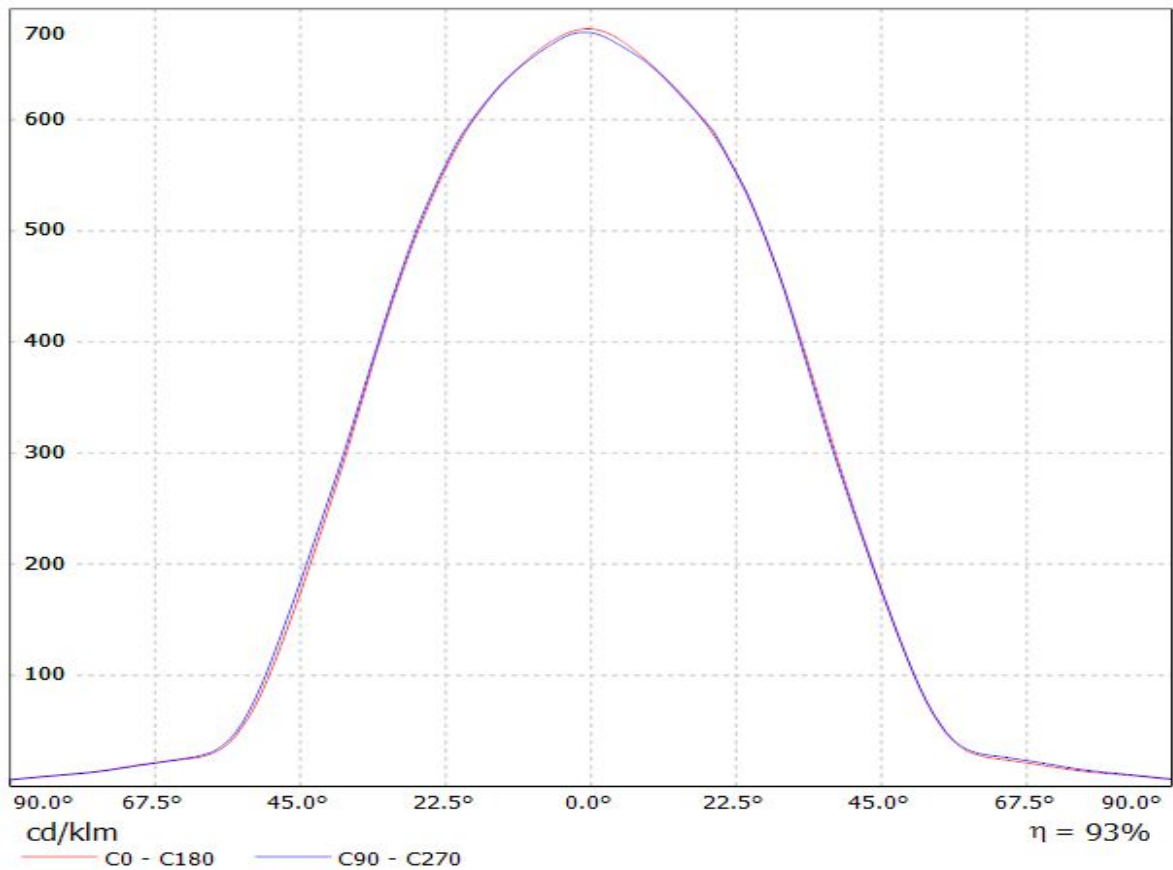
Ledil FN14074_STELLA-HB_(CoB_1211)_(431_Typ_L3) / LDC (Linear)

Luminaire: Ledil FN14074_STELLA-HB_(CoB_1211)_(431_Typ_L3)

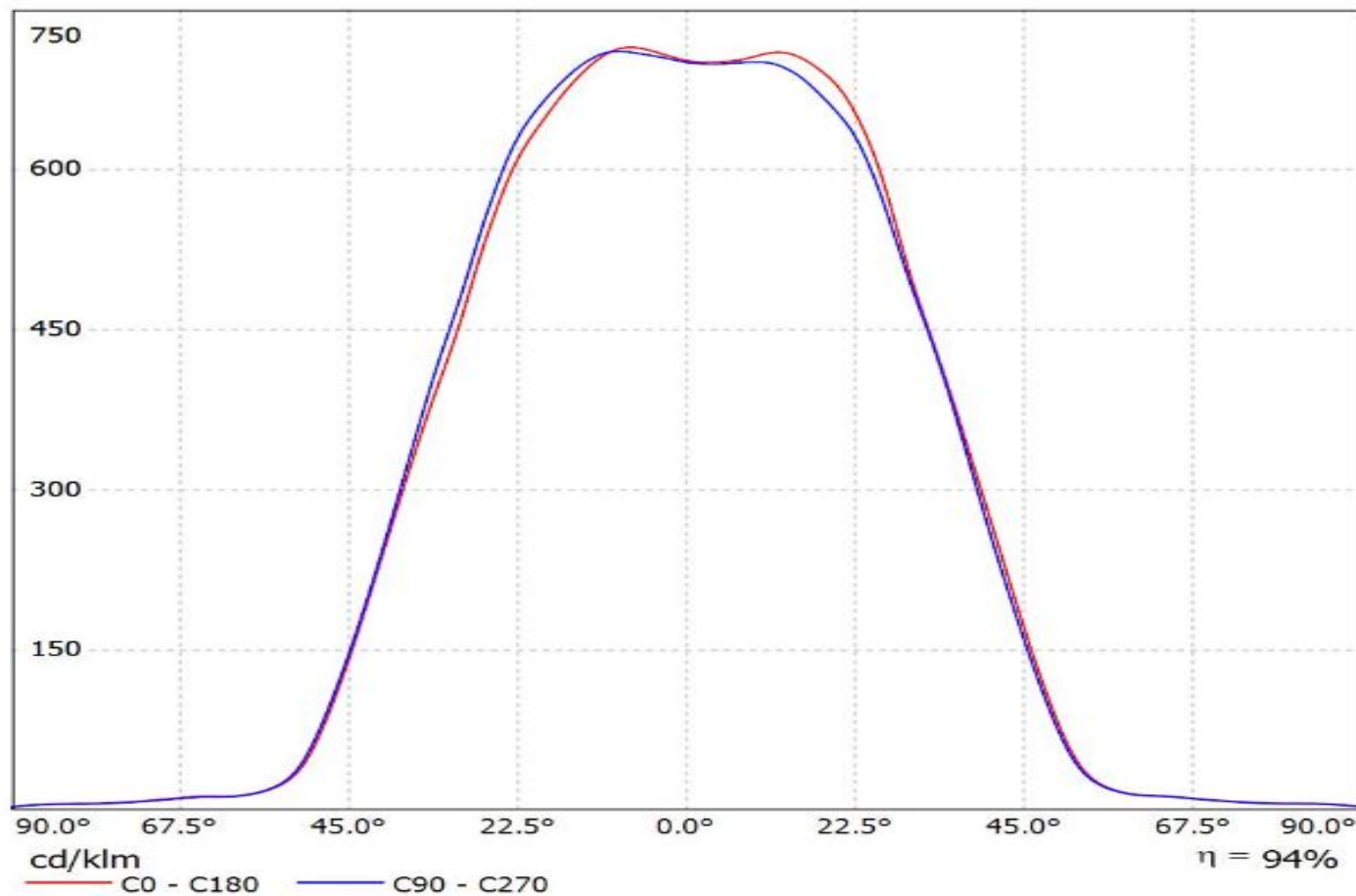
Lamps: 1 x Luxeon_CoB_1211_(LHC1-2790-1211)_952.748lm@250mA_P=8W_I=0.25A



Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXA3590)
Lamps: 1 x Cree_CXA3590_(CXA3590-30F-BD-R0H-0002)_2639.65lm@250mA_CCT=3000K_P=16.3039W_I=249.8mA

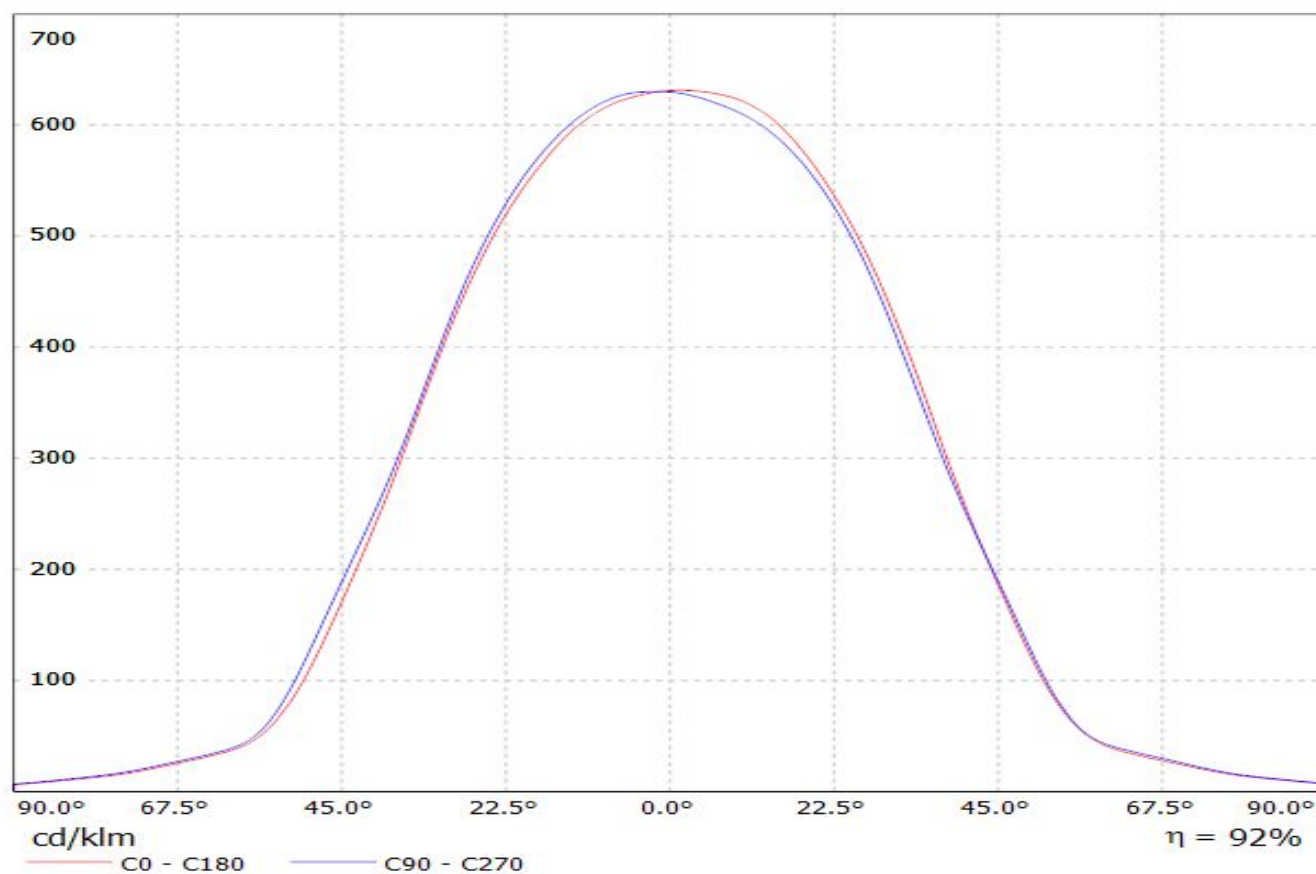


Luminaire: Ledil FN14074_STELLA-HB_(CoB_1216)
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1468.12lm@250mA_P=7.9868W_I=0.25A

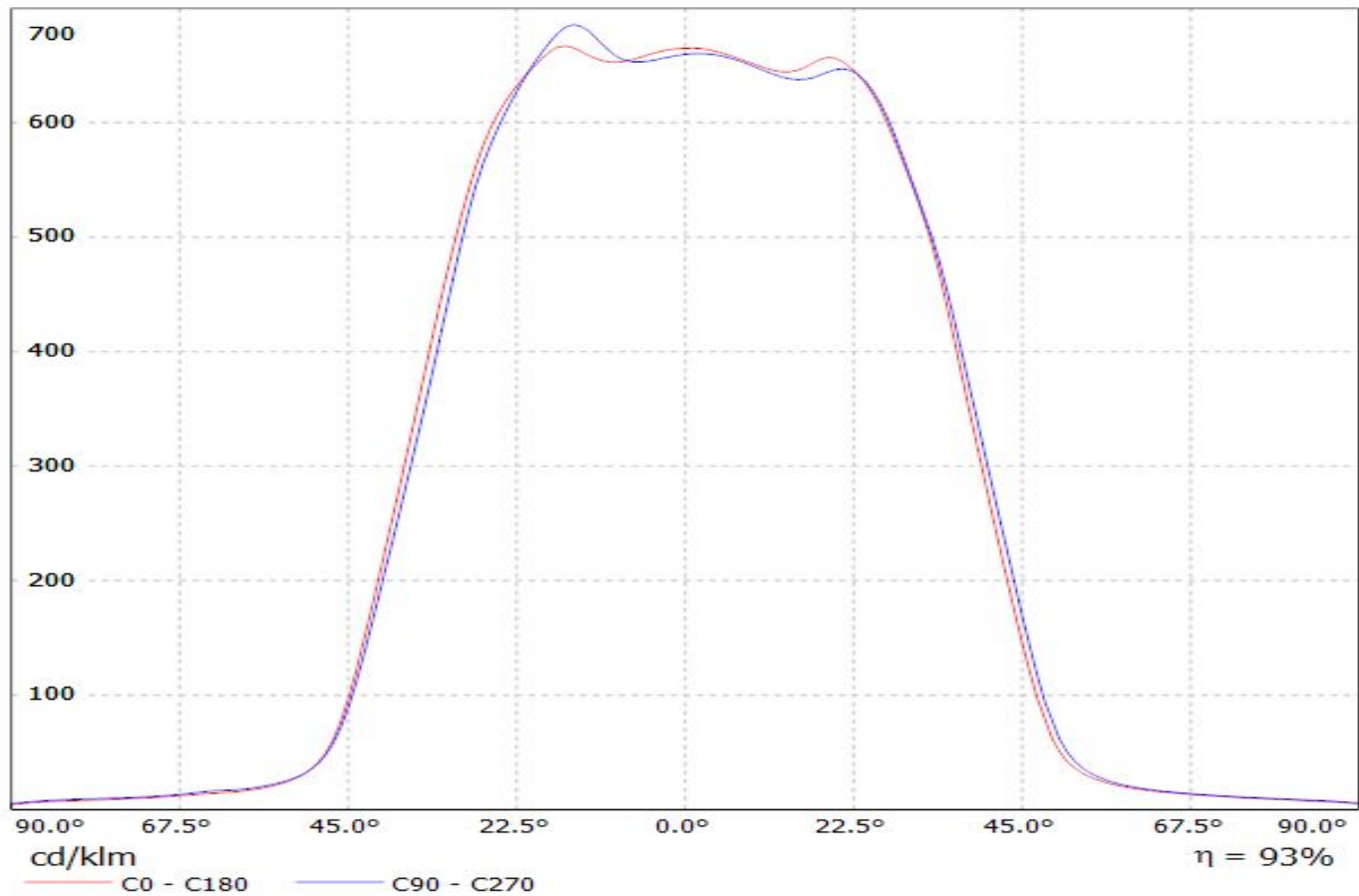


Luminaire: LEDiL Oy FN14074_STELLA-HB_(CLL050) Eff.92.5%

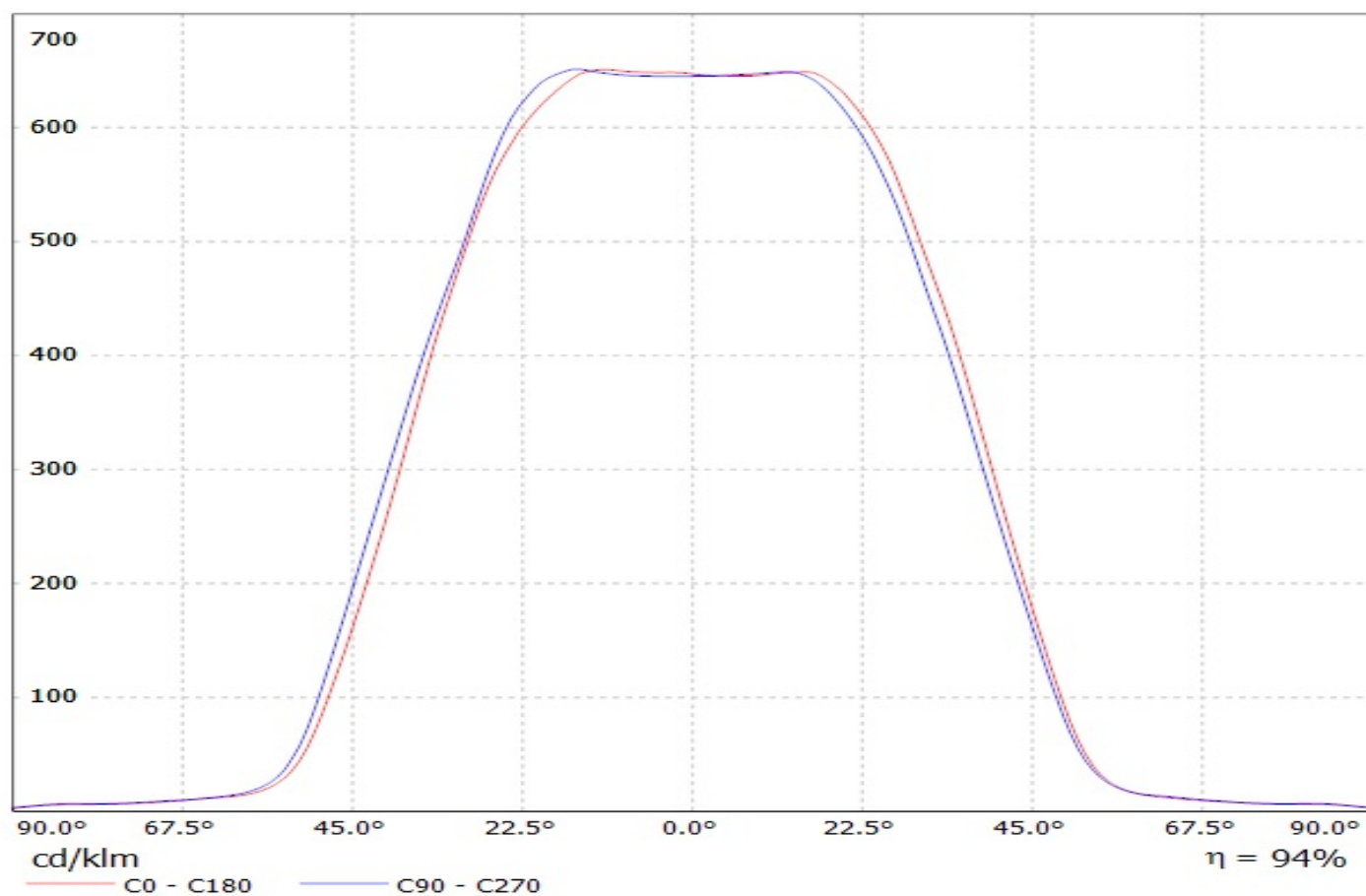
Lamps: 1 x CITIZEN_CLL050_(1825A1-50KL1A1)_1941.5lm@250mA_CCT=5000K_P=11.9872W_I=249.8mA



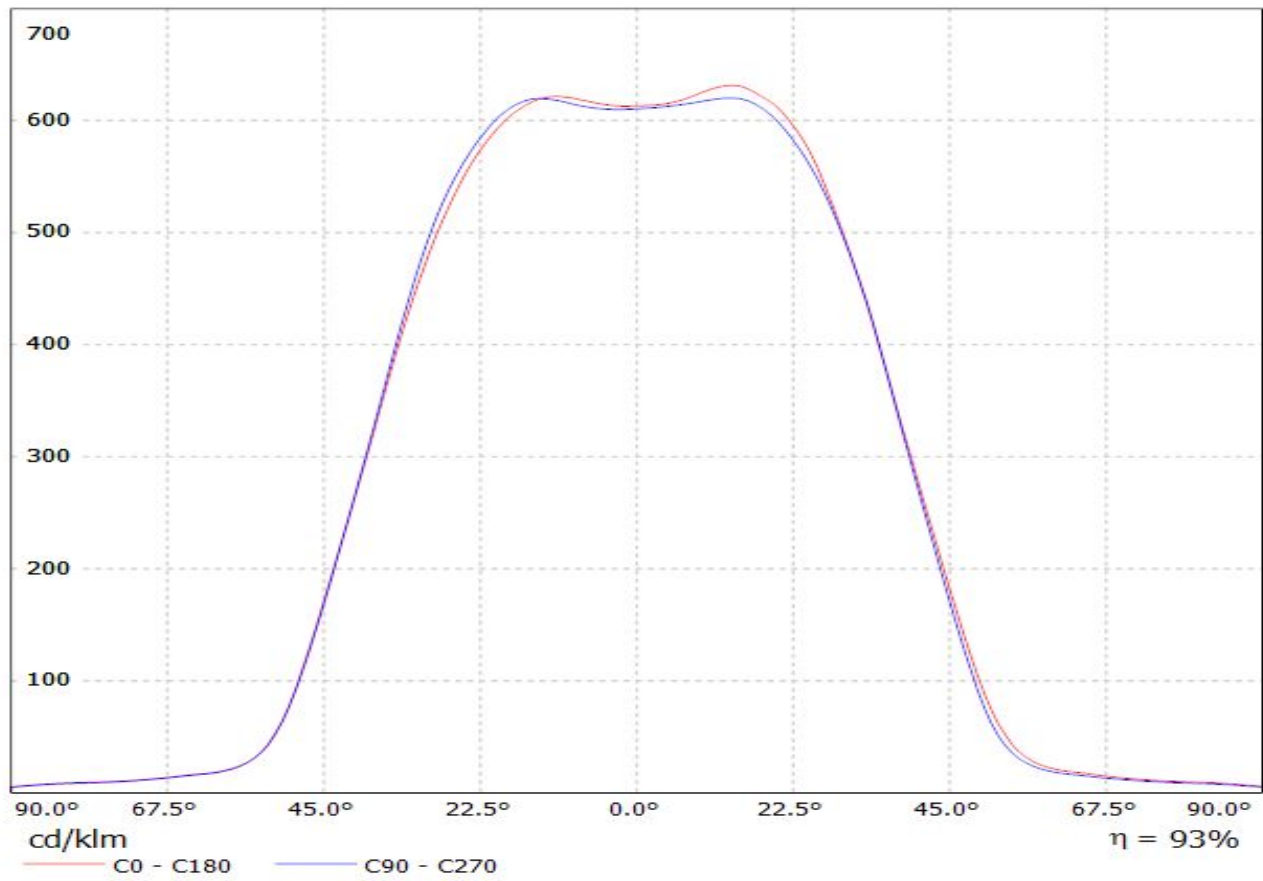
Luminaire: LEDiL Oy FN14074_STELLA-HB_(VERO18) Eff.93%
Lamps: 1 x VERO18_(BXRC30E4000F)_904.503lm@250mA P=6.79928W I=249.9mA



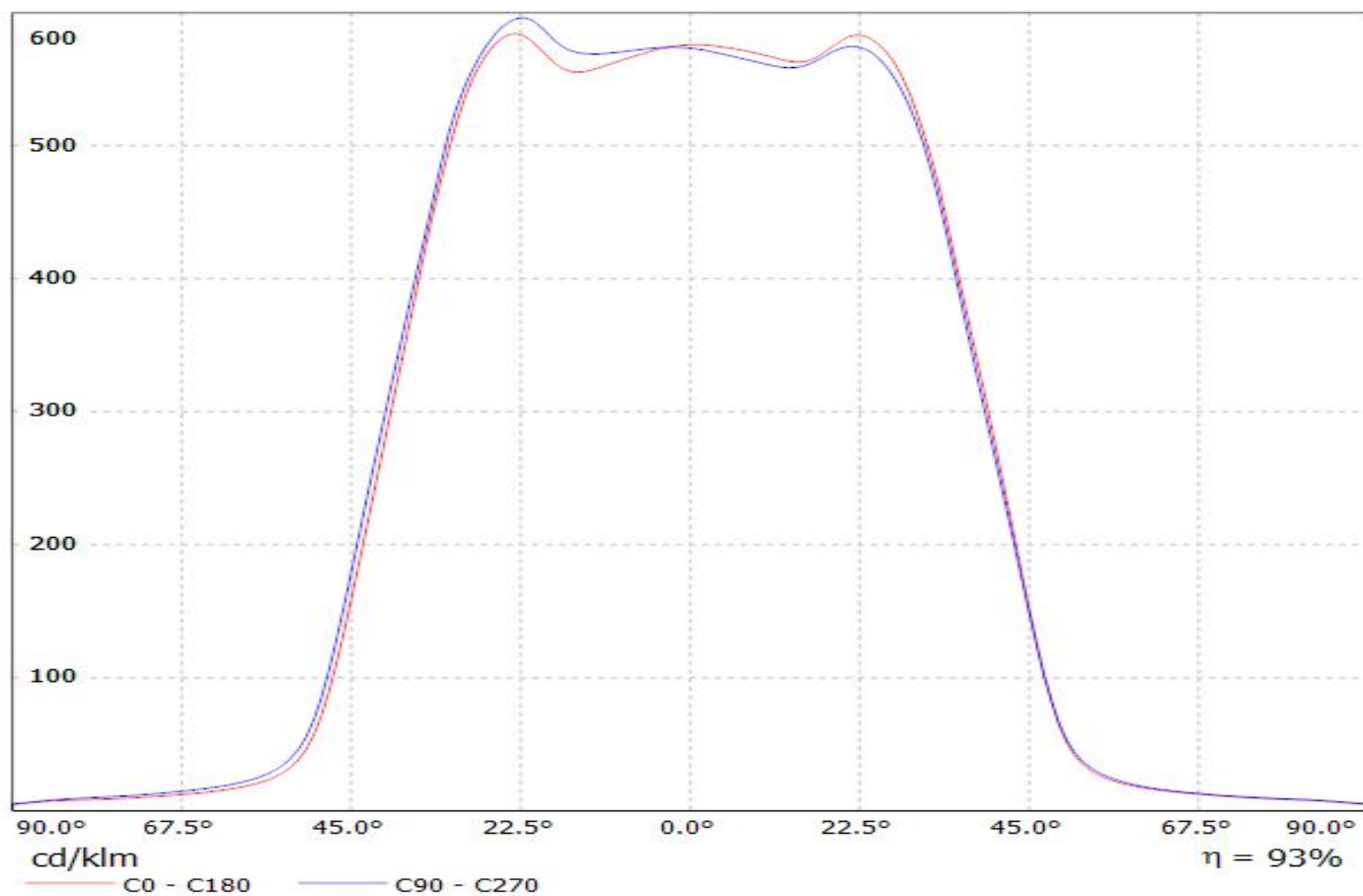
Luminaire: LEDiL Oy FN14074_STELLA-HB_(CLU046)
Lamps: 1 x Citizen_CLU046_1354.66lm@250mA_P=8.06877W_I=0.2499A



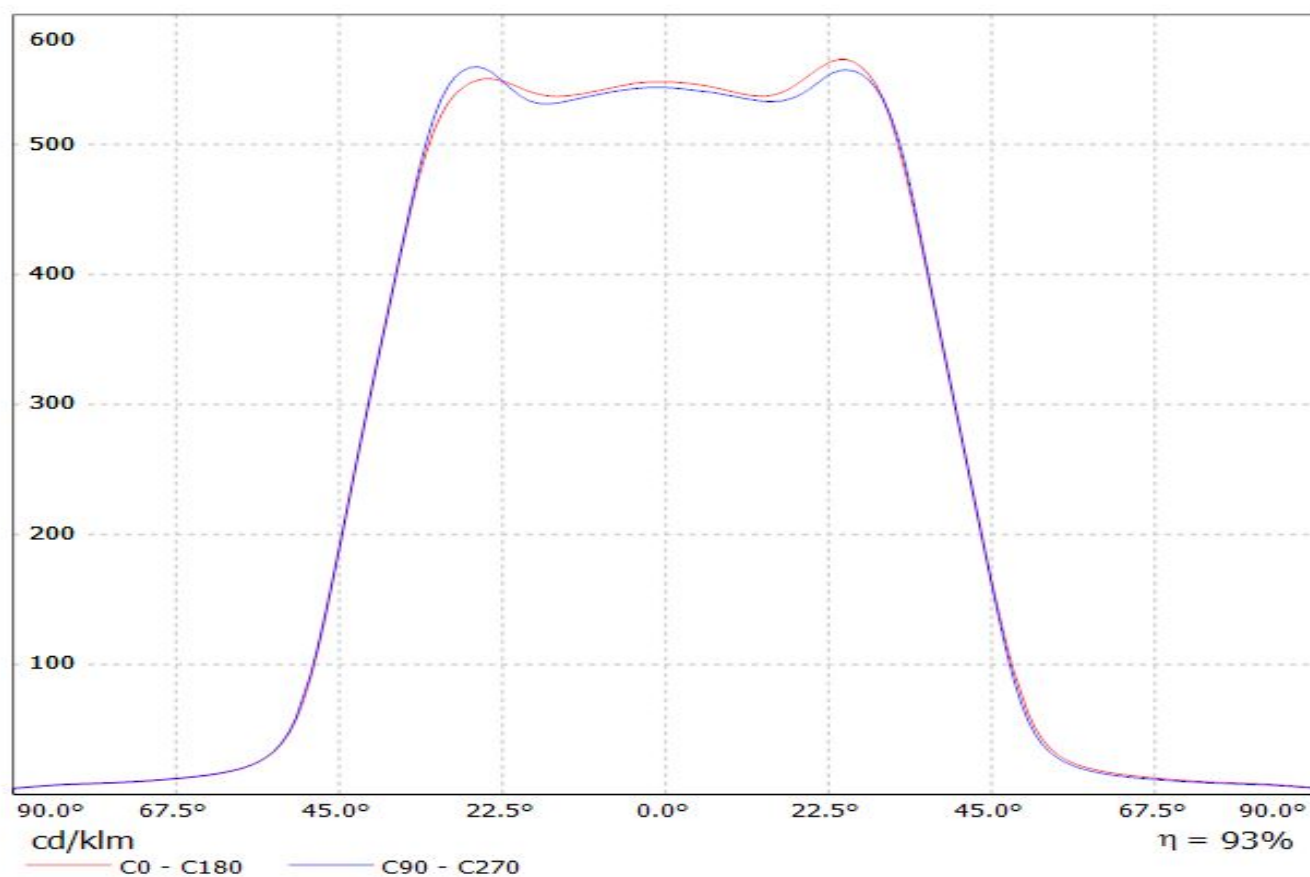
Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXA3050)
Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1369.14lm@250mA_CCT=5000K_P=8.14498W_I=249.8mA



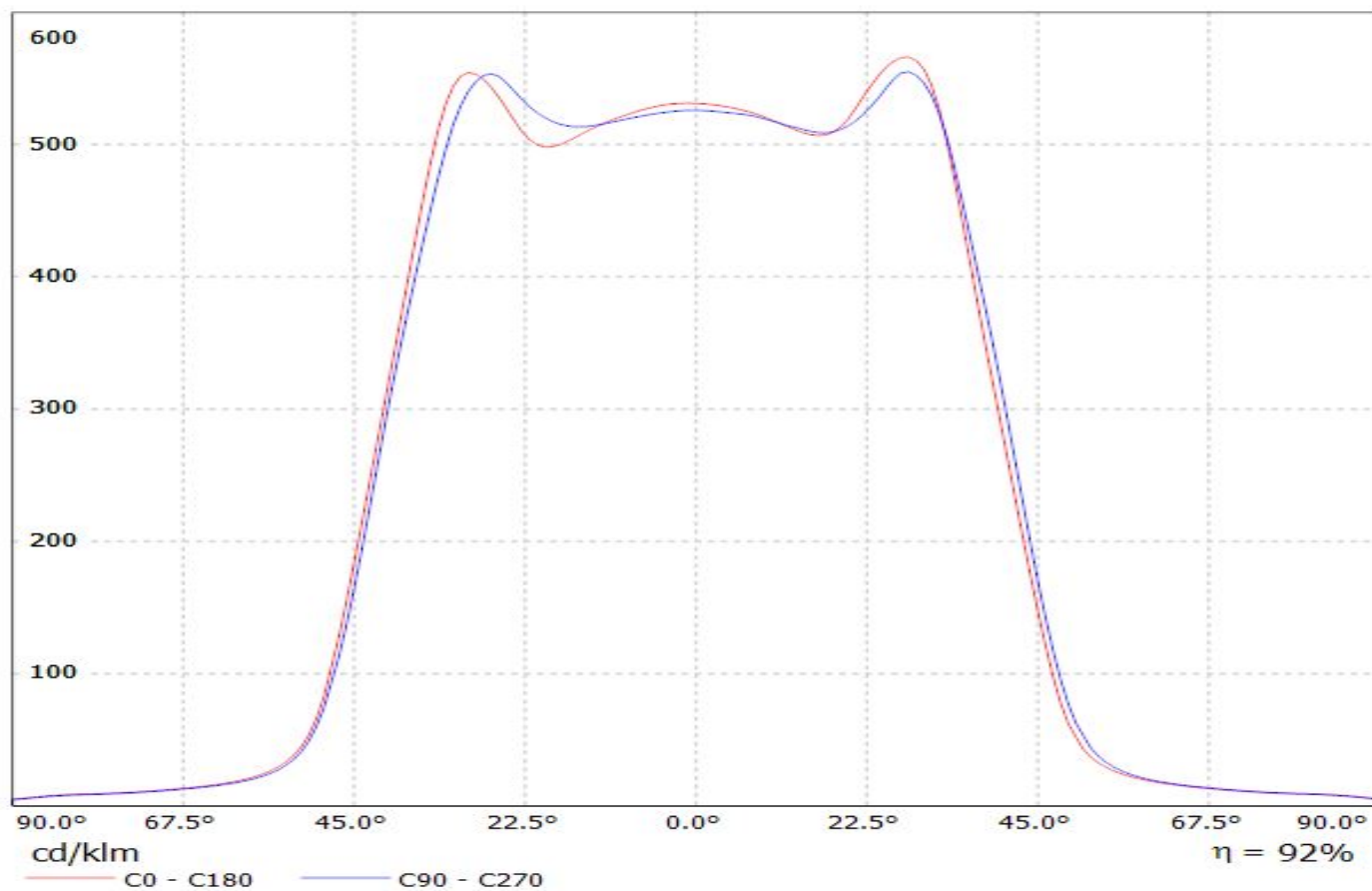
Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXM-18) Eff.92.8%
Lamps: 1 x LUMINUS_XNOVA_CXM-18_897.842lm@250mA_P=8.12425W_I=249.9mA



Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXA25)
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U)_872.554lm@250mA_CCT=3000K_P=8.53567W_I=249.8mA

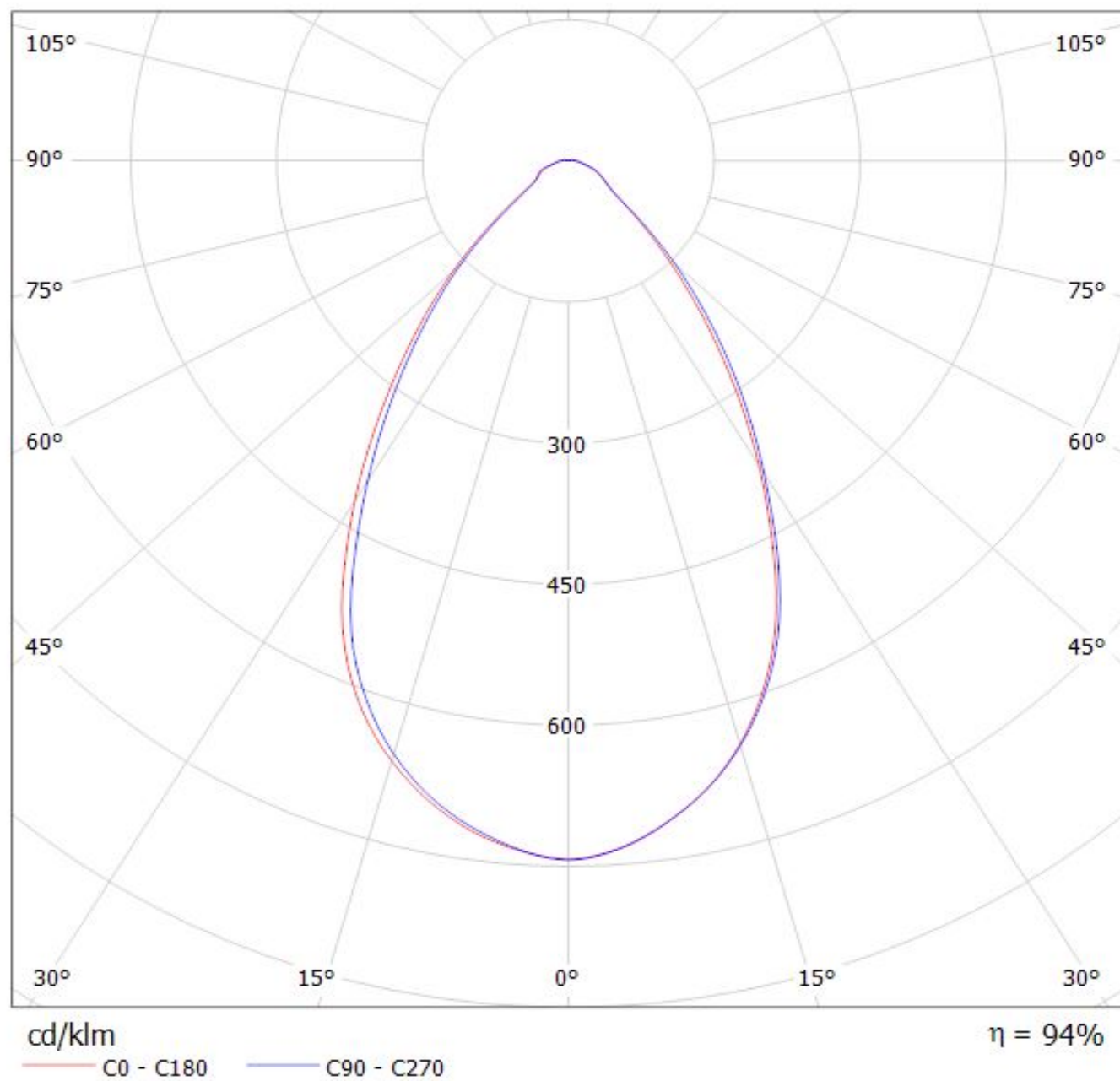


Luminaire: LEDiL Oy FN14074_STELLA-HB_(SOLERIQ_S19) Eff.92.3%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1401.57lm@250mA_CCT=3000K_P=10.4274W_I=249.8mA



Luminaire: LEDiL Oy FN14074_STELLA-HB_(CLL050)

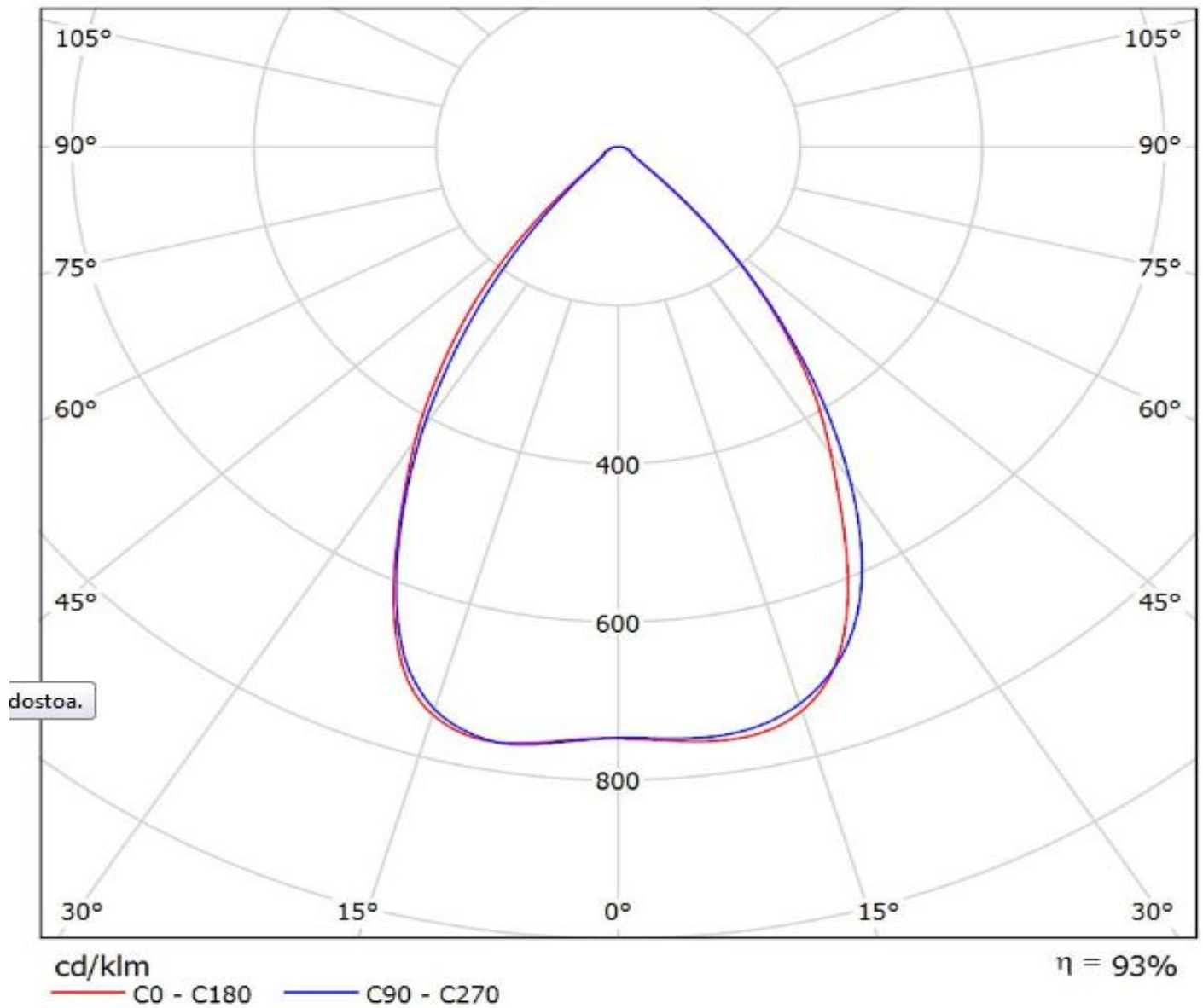
Lamps: 1 x CLL050+_B+W_458_Typ_L4_1471.17lm@250mA_P=12.0411W_I=250mA



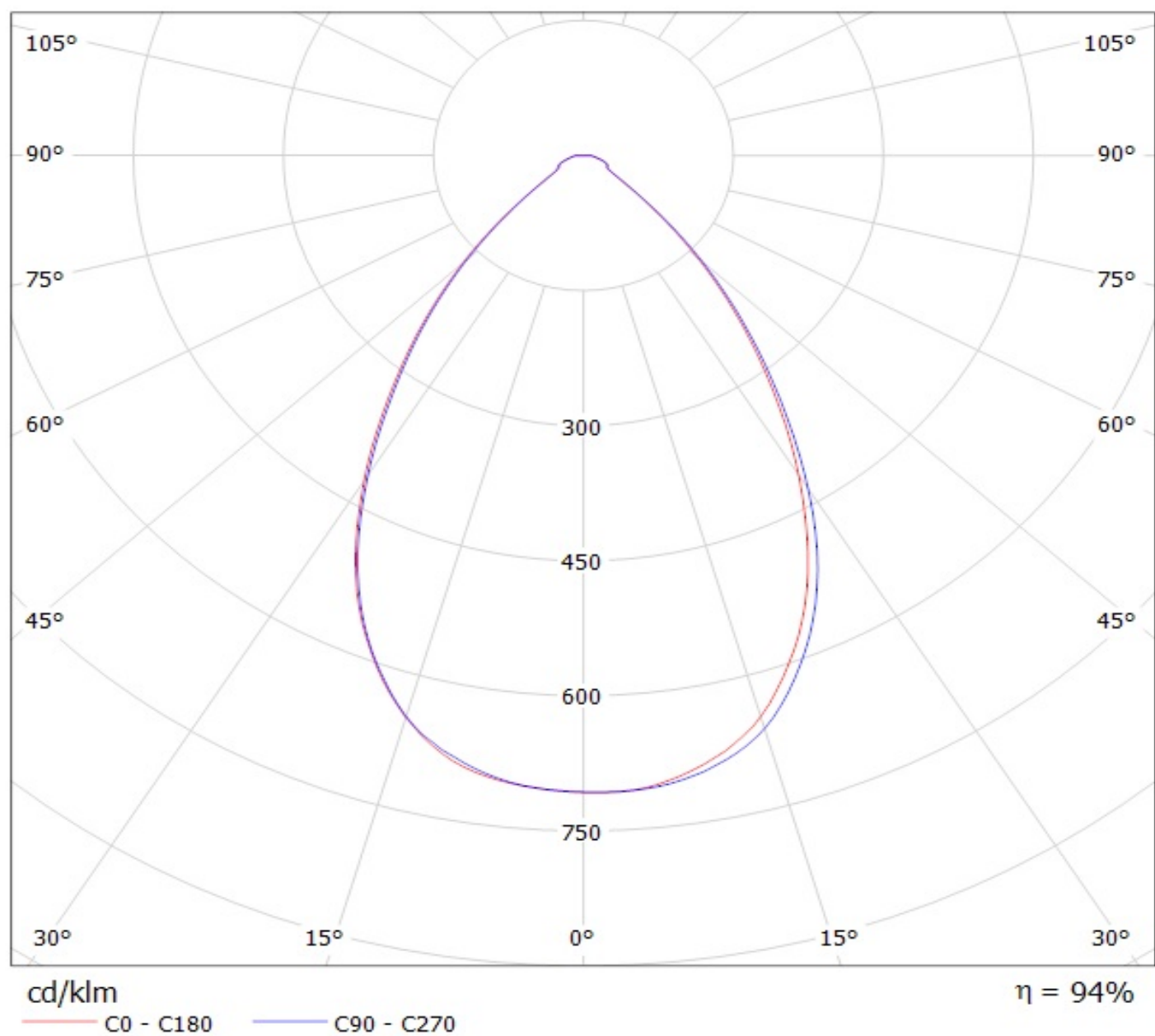
Ledil FN14074_STELLA-HB_(CLU044)_(431_Typ_L3) / LDC (Polar)

Luminaire: Ledil FN14074_STELLA-HB_(CLU044)_(431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1334.99lm@250mA_P=8.16W_I=0.25A



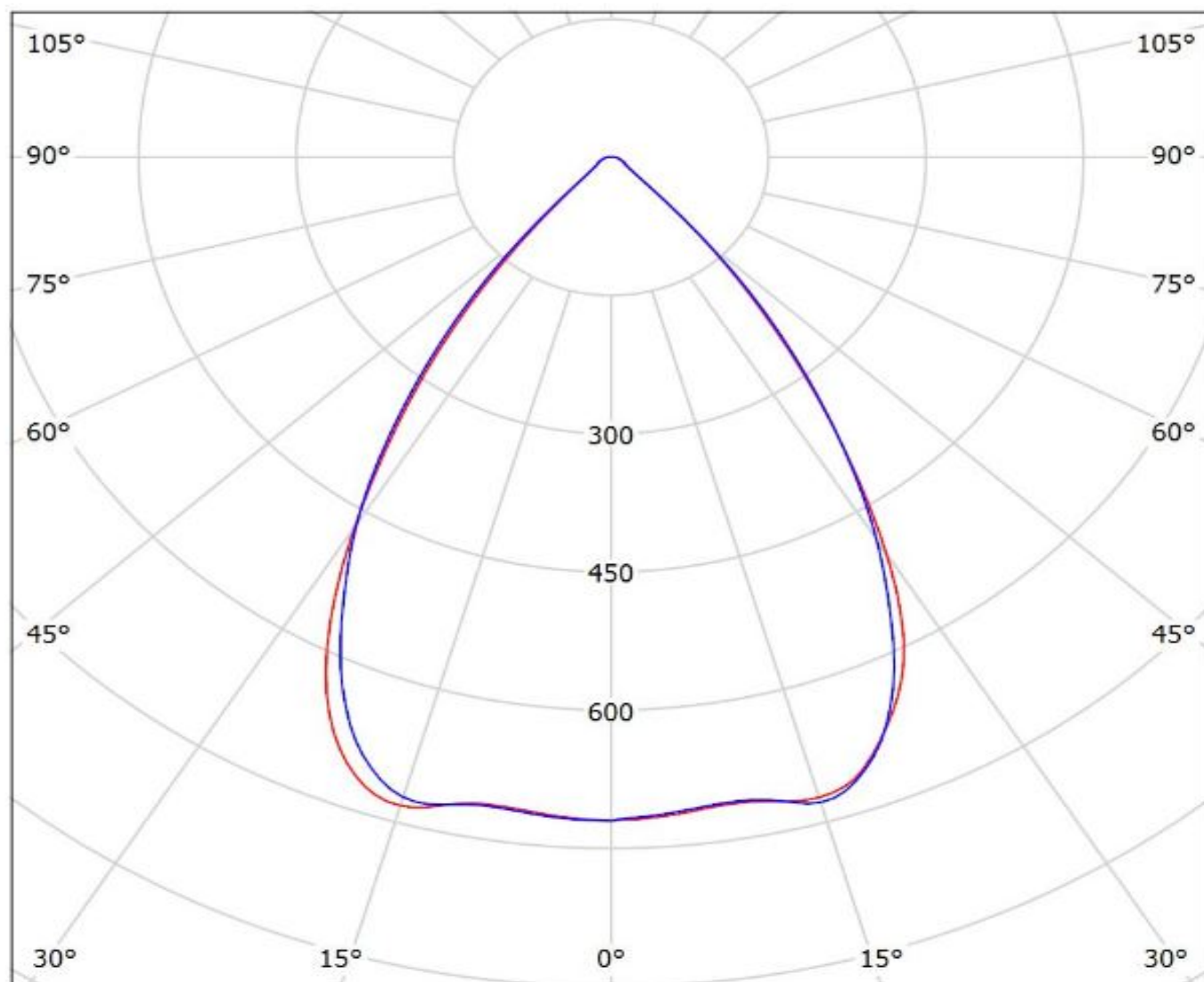
Luminaire: LEDiL Oy FN14074_STELLA-HB_(VERO29)
Lamps: 1 x Bridgelux_VERO29_(BXRC-50C10K0-L-04)
_568.615lm@100mA_CCT=4910K_P=3.4015W_I=100.1mA



Ledil FN14074_STELLA-HB_(CoB_1211)_(431_Typ_L3) / LDC (Polar)

Luminaire: Ledil FN14074_STELLA-HB_(CoB_1211)_(431_Typ_L3)

Lamps: 1 x Luxeon_CoB_1211_(LHC1-2790-1211)_952.748lm@250mA_P=8W_I=0.25A



cd/klm

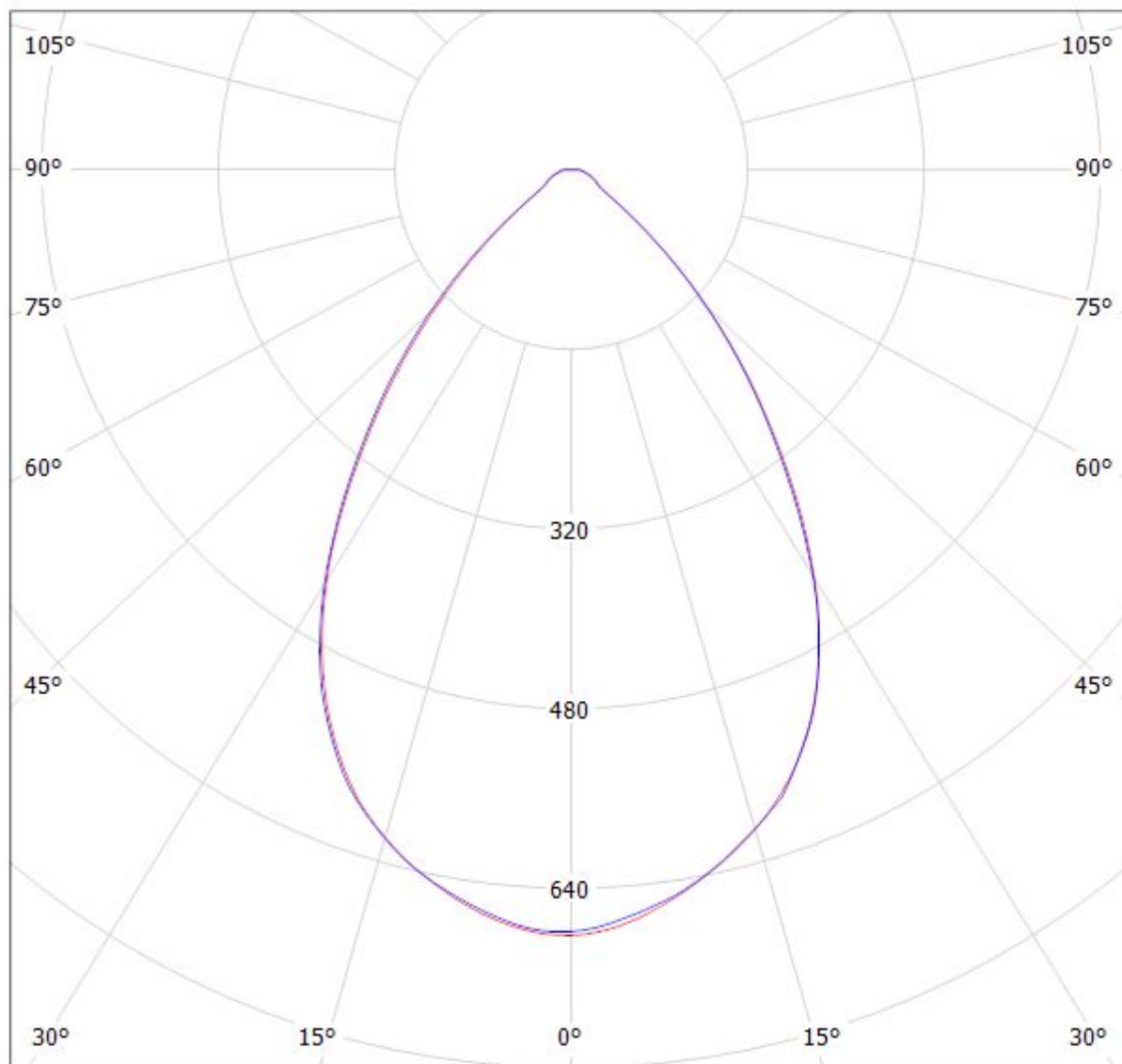
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXA3590)

Lamps: 1 x Cree_CXA3590_(CXA3590-30F-BD-R0H-0002)_2639.65lm@250mA_CCT=3000K_P=16.3039W_I=249.8mA



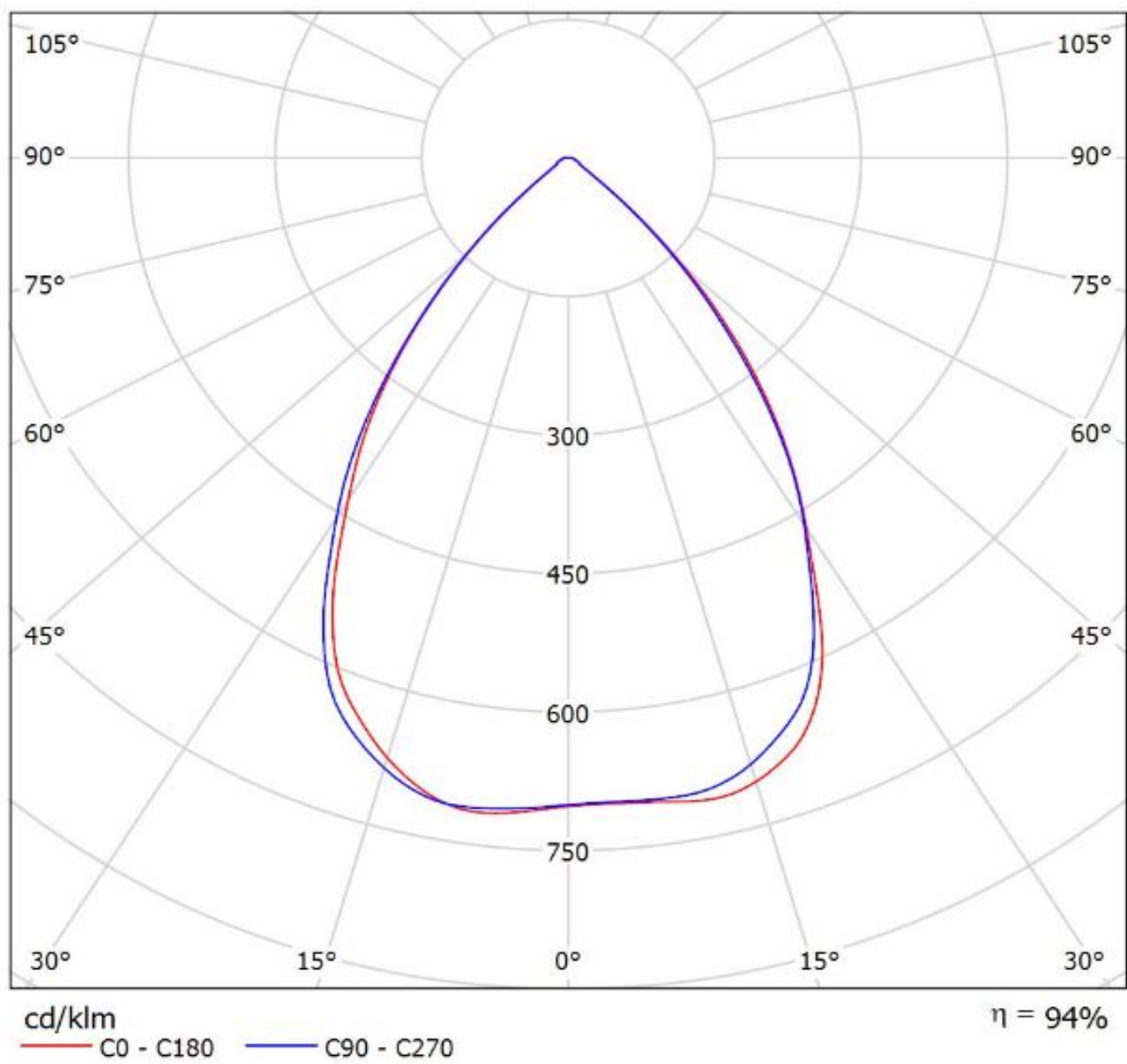
cd/klm

$\eta = 93\%$

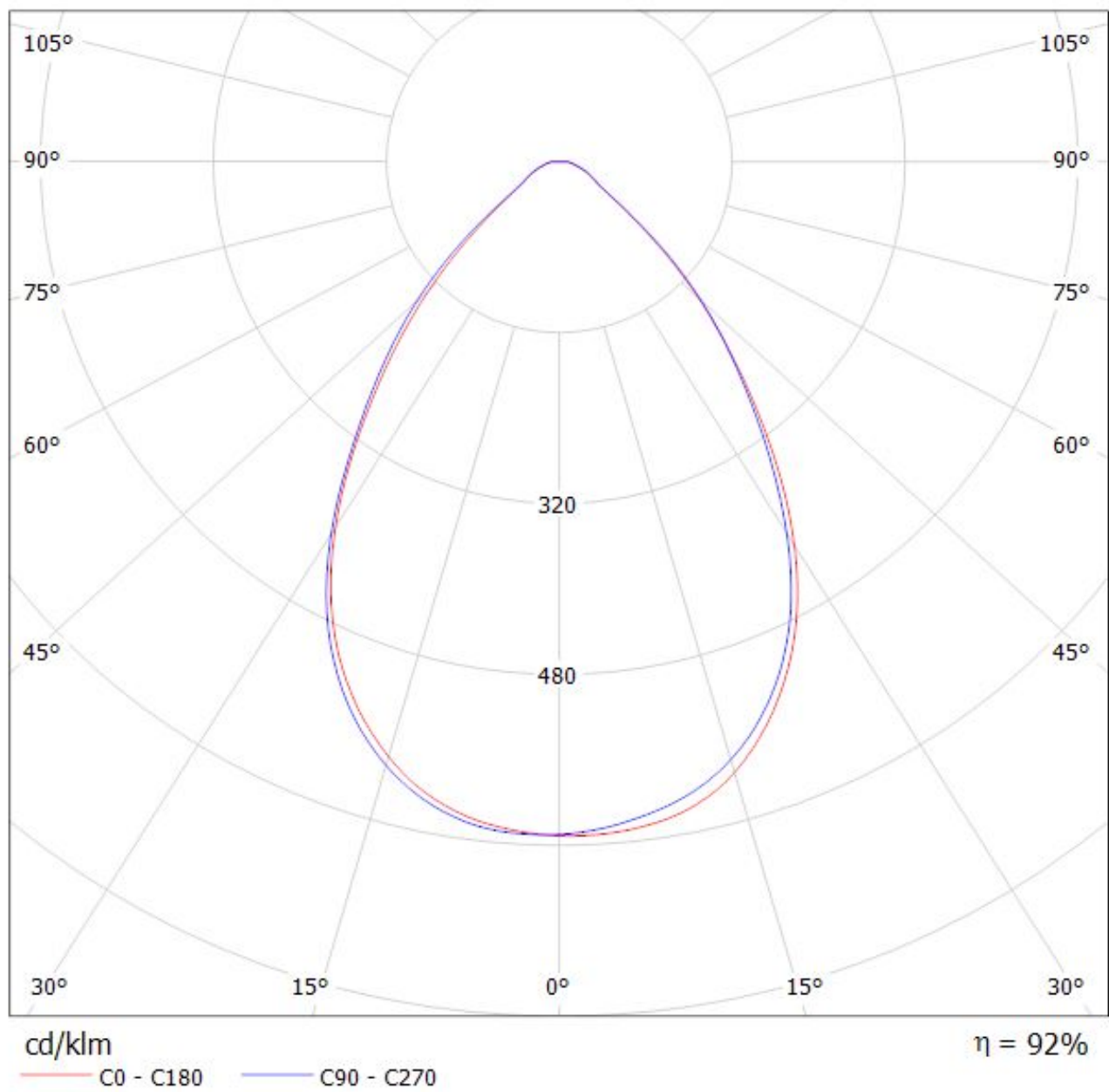
C0 - C180

C90 - C270

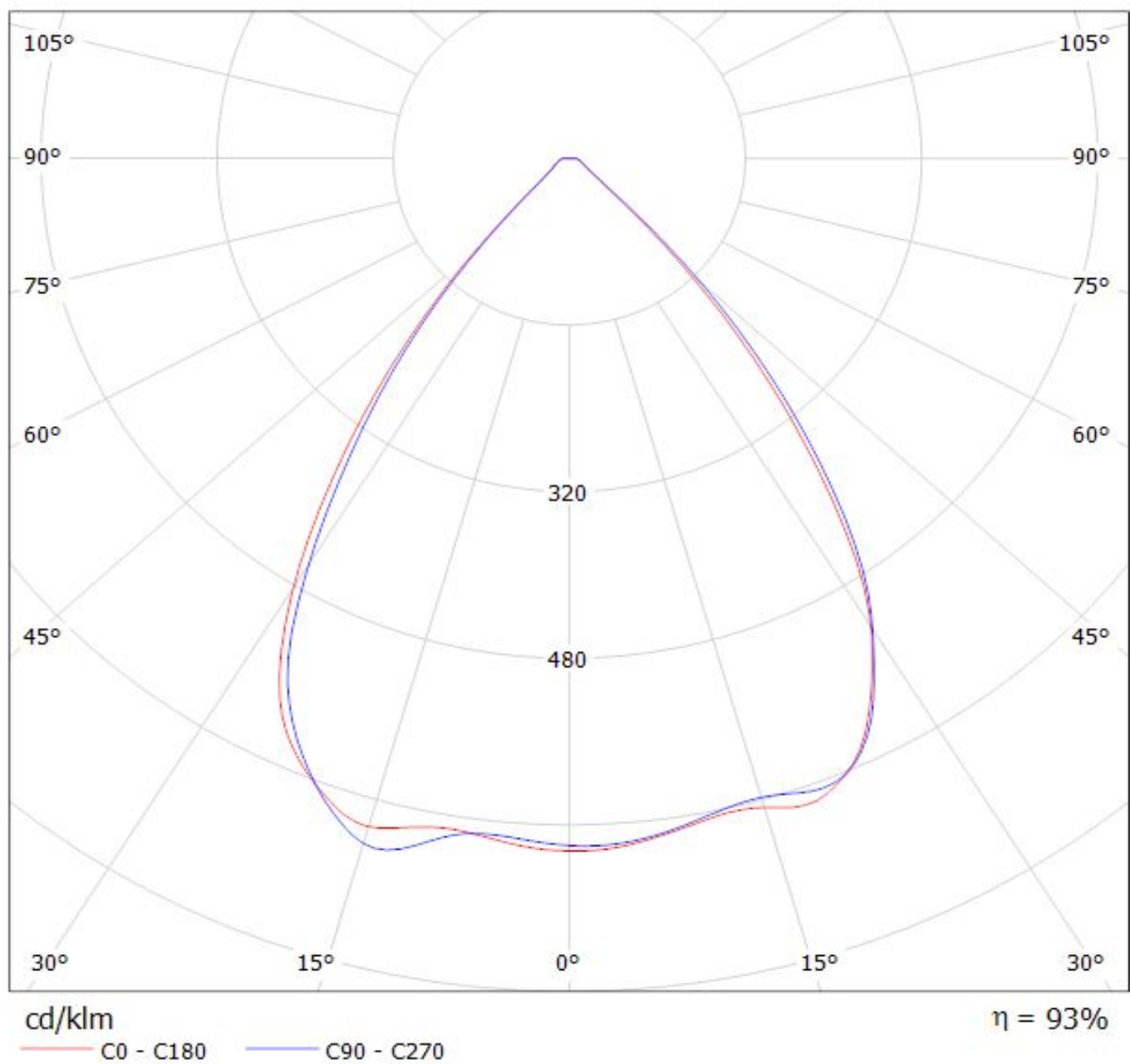
Luminaire: Ledil FN14074_STELLA-HB_(CoB_1216)
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1468.12lm@250mA_P=7.9868W_I=0.25A



Luminaire: LEDiL Oy FN14074_STELLA-HB_(CLL050) Eff.92.5%
Lamps: 1 x CITIZEN_CLL050_(1825A1-50KL1A1)_1941.51lm@250mA_CCT=5000K_P=11.9872W_I=249.8mA

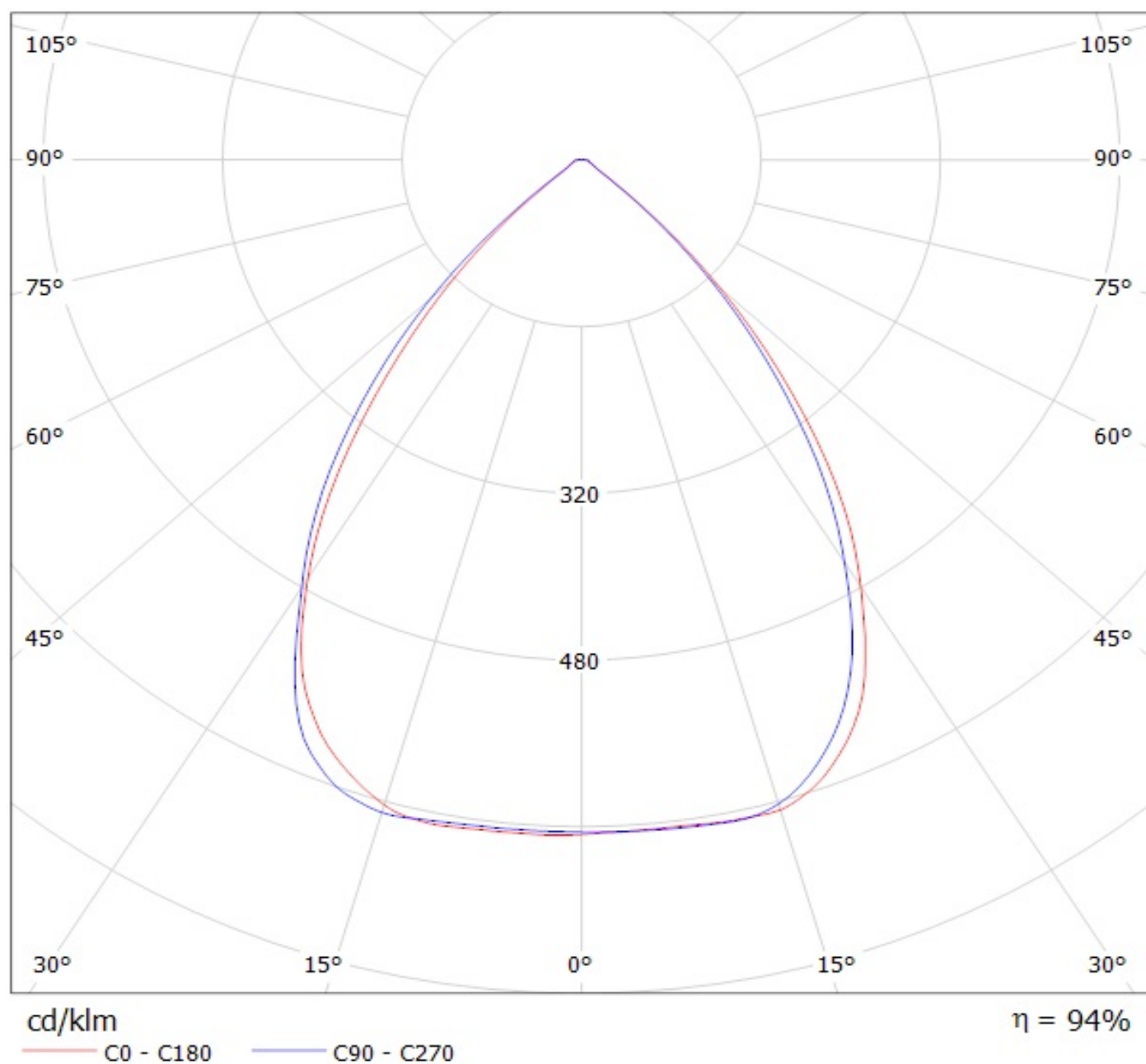


Luminaire: LEDiL Oy FN14074_STELLA-HB_(VERO18) Eff.93%
Lamps: 1 x VERO18_(BXRC30E4000F)_904.503lm@250mA P=6.79928W I=249.9mA



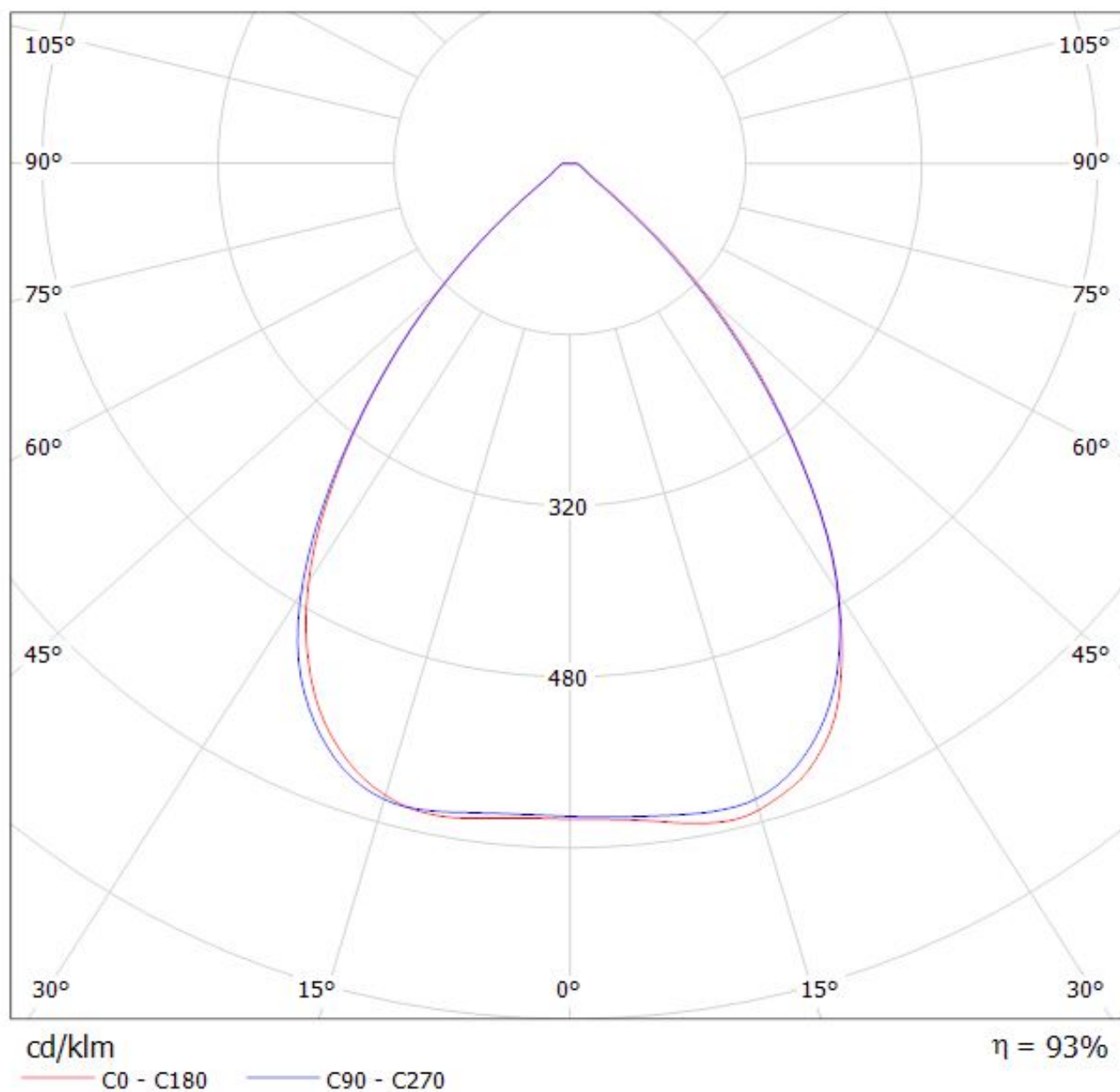
Luminaire: LEDiL Oy FN14074_STELLA-HB_(CLU046)

Lamps: 1 x Citizen_CLU046_1354.66lm@250mA_P=8.06877W_I=0.2499A

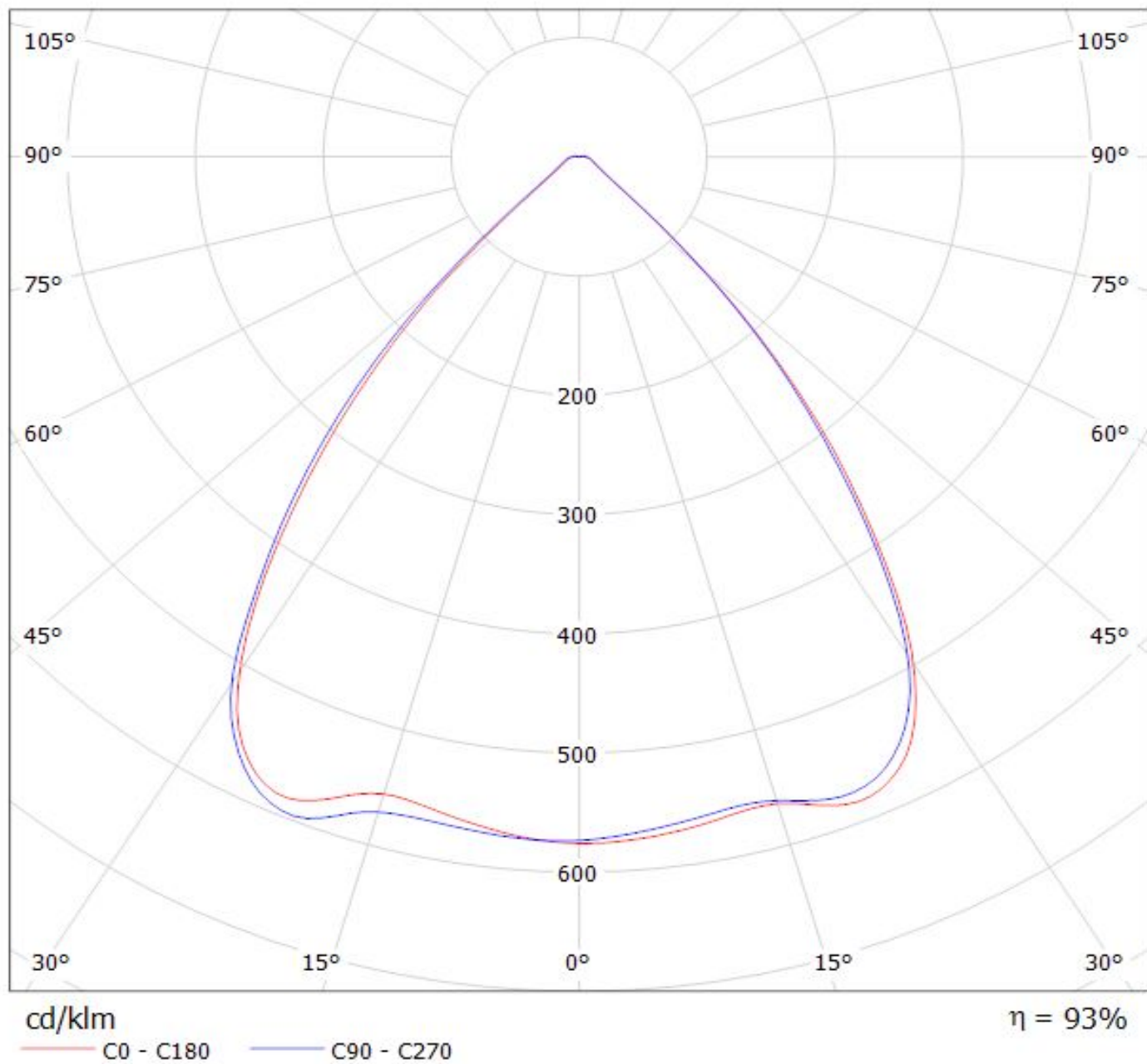


Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXA3050)

Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1369.14lm@250mA_CCT=5000K_P=8.14498W_I=249.8mA

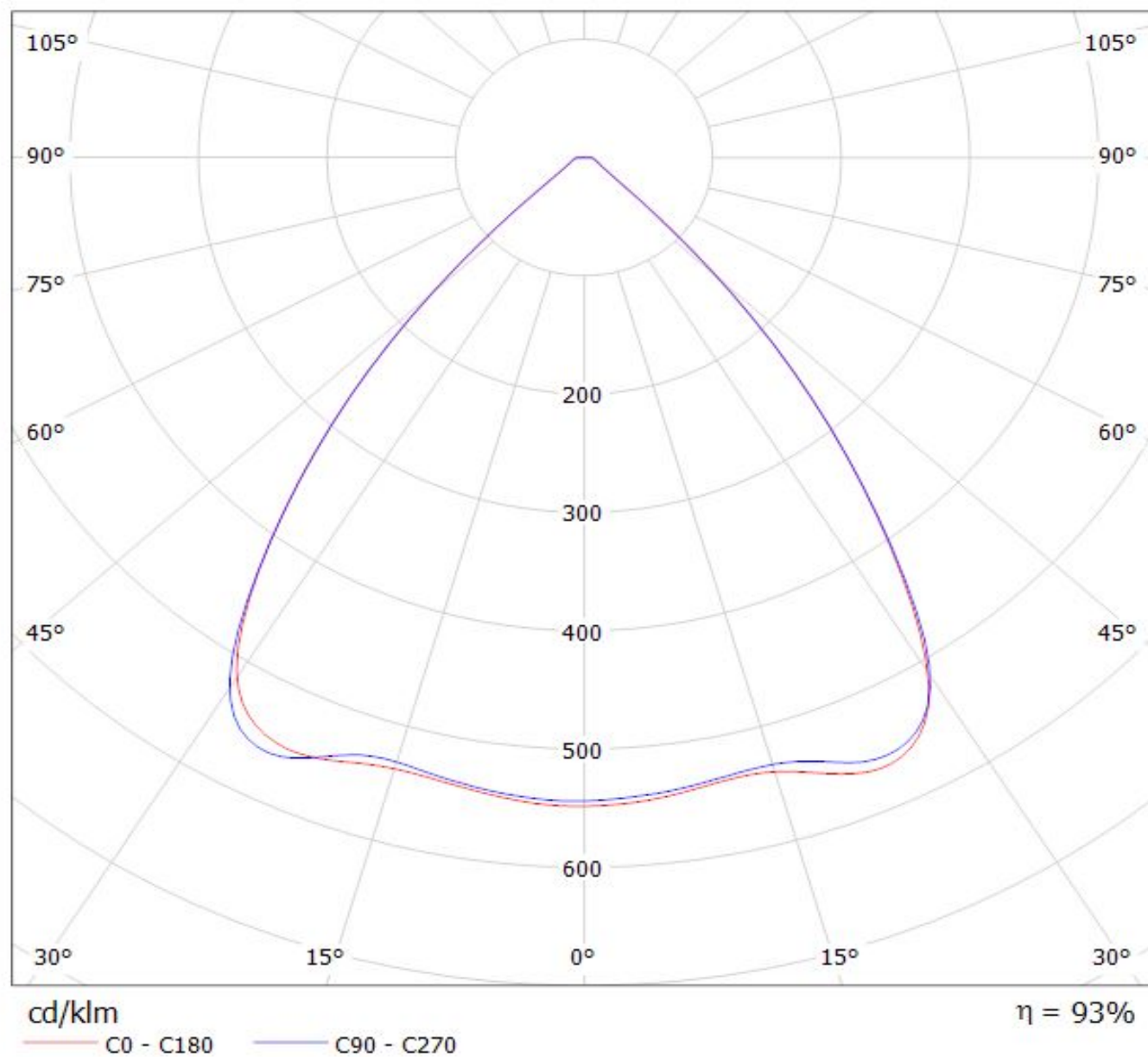


Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXM-18) Eff.92.8%
Lamps: 1 x LUMINUS_XNOVA_CXM-18_897.842lm@250mA_P=8.12425W_I=249.9mA

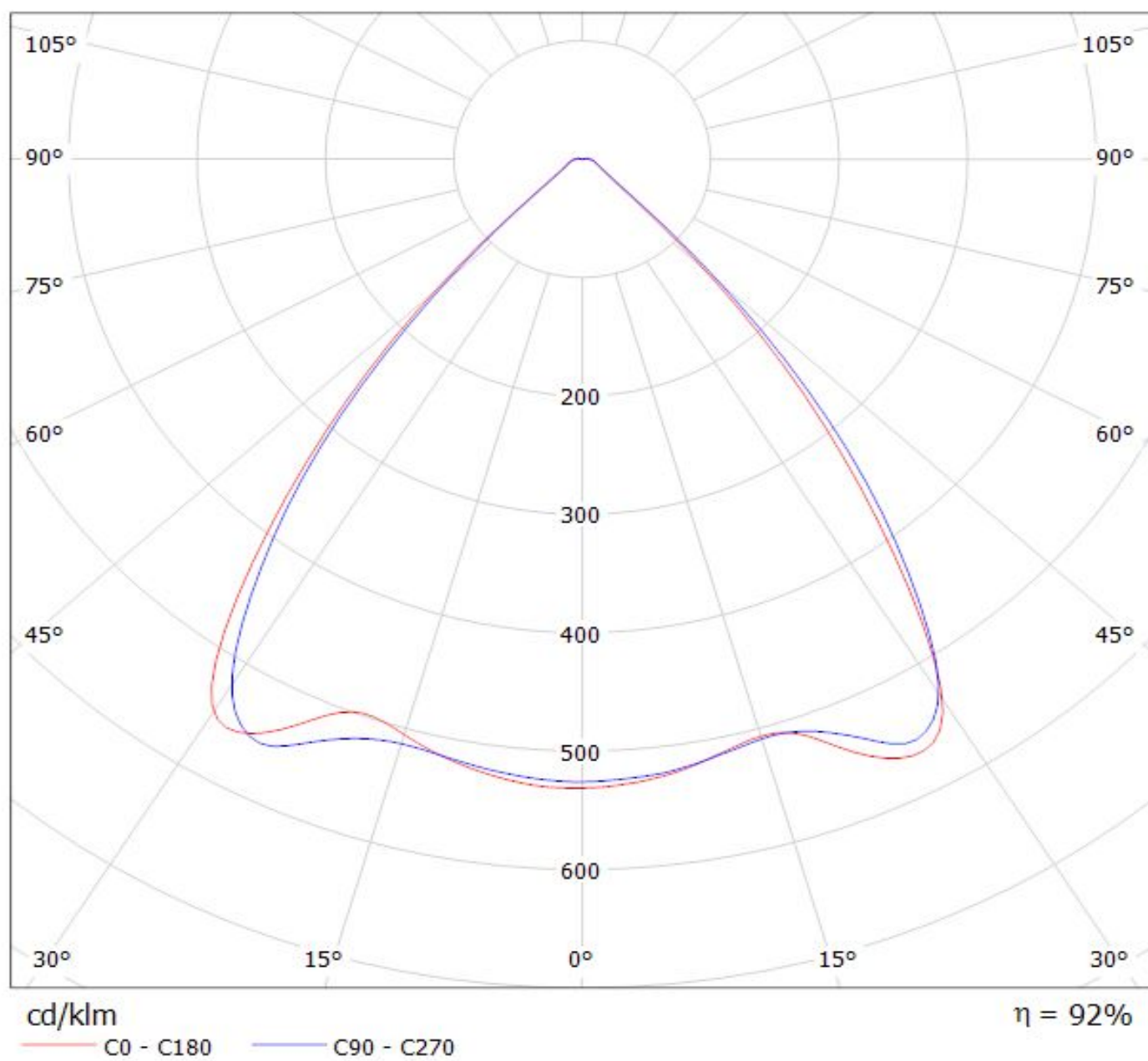


Luminaire: LEDiL Oy FN14074_STELLA-HB_(CXA25)

Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U)_872.554lm@250mA_CCT=3000K_P=8.53567W_I=249.8mA



Luminaire: LEDiL Oy FN14074_STELLA-HB_(SOLERIQ_S19) Eff.92.3%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1401.57lm@250mA_CCT=3000K_P=10.4274W_I=249.8mA



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.