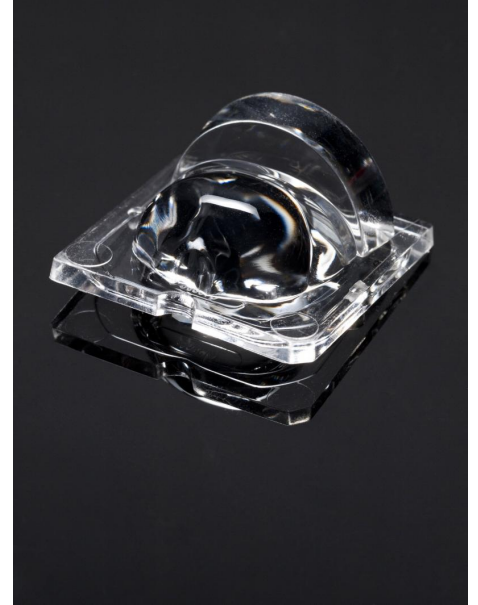


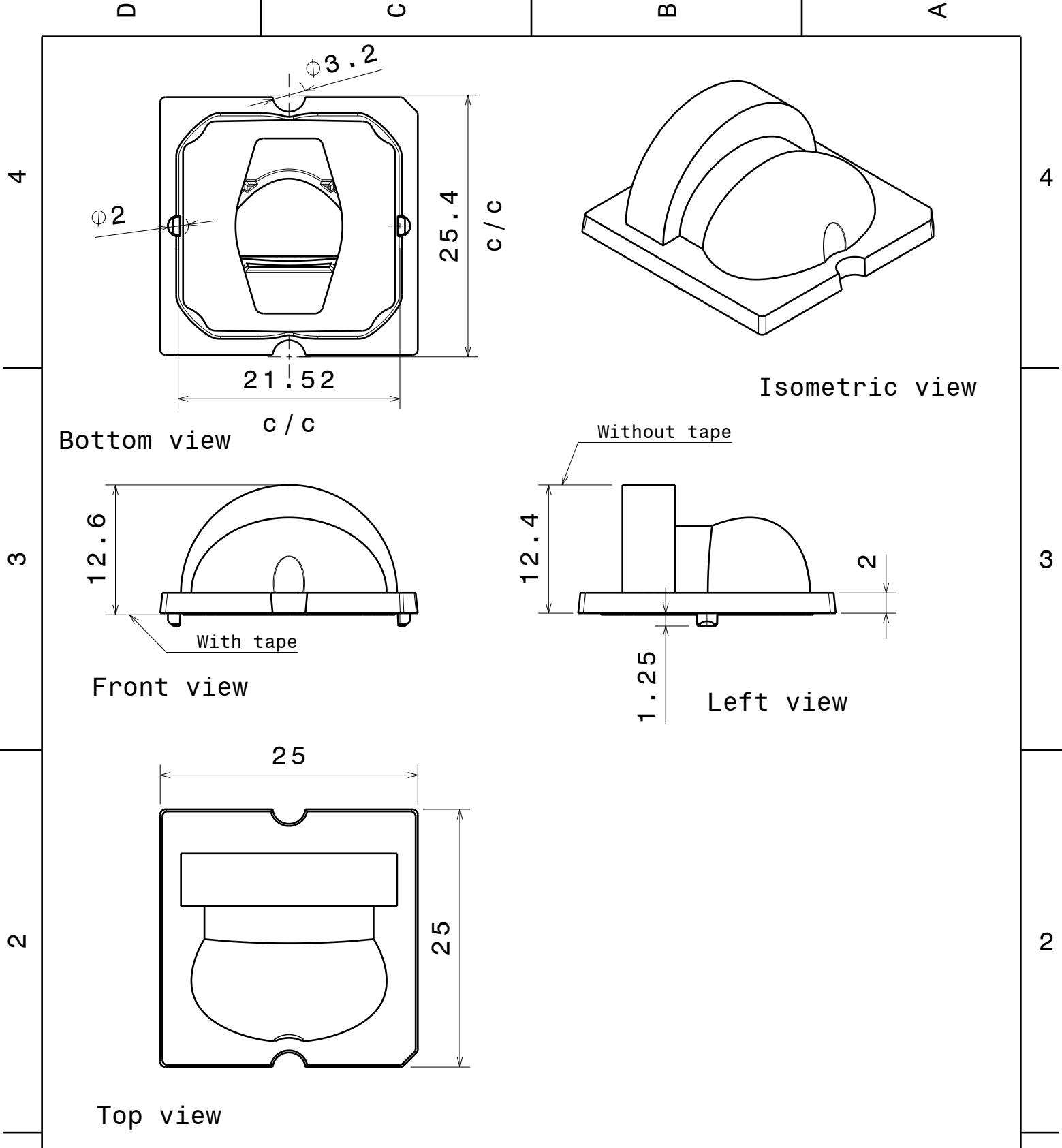
DETAILS

| | |
|------------------------|----------------------|
| Product Number | CA13897_STRADA-SQ-FS |
| Family | Strada |
| Type | Assembly |
| Color | clear |
| Diameter | 25x25 mm |
| Height | 12,6 mm |
| Style | square |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | tape, pin |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 7/10/2014 |



OPTICAL PROPERTIES

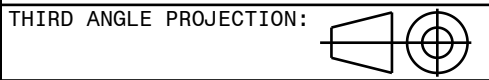
| LED | Viewing Angle | Light Beam | Efficiency | cd/lm | Connector |
|----------------------------------|-----------------|------------|------------|------------|---|
| PSL440 | Asymmetric deg | Asymmetric | 93 % | 1.080 | - |
| PSL445 | Asymmetric deg | Asymmetric | 92 % | 0.760 | - |
| MK-R | Asymmetric deg | Asymmetric | 93 % | 0.900 | - |
| XT-E | Asymmetric deg | Asymmetric | 93 % | 1.200 | - |
| XM-L | Asymmetric deg | Asymmetric | 93 % | 1.200 | - |
| XP-L | Asymmetric deg | Asymmetric | 93 % | 1.100 | - |
| MHB-A | sim: Asymmetric | Asymmetric | - | - | - |
| XHP50 | Asymmetric deg | Asymmetric | 93 % | 0.920 | - |
| XHP70 | Asymmetric deg | Asymmetric | 80 % | 0.620 | Undefined Manufacturer: Protective Plate, Glass |
| LUXEON M/MX | Asymmetric deg | Asymmetric | 92 % | 0.900 | - |
| LUXEON MZ | asymmetric deg | Asymmetric | 94 % | 1.200 | - |
| LUXEON XR-M linear 1x3, 1x4, 1x5 | Asymmetric deg | Asymmetric | 94 % | 0.970 | - |
| Duris S10 | Asymmetric deg | Asymmetric | 91 % | 0.860 | - |
| Duris P10 | sim: Asymmetric | Asymmetric | sim: 90 % | sim: 1.200 | - |



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 Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland



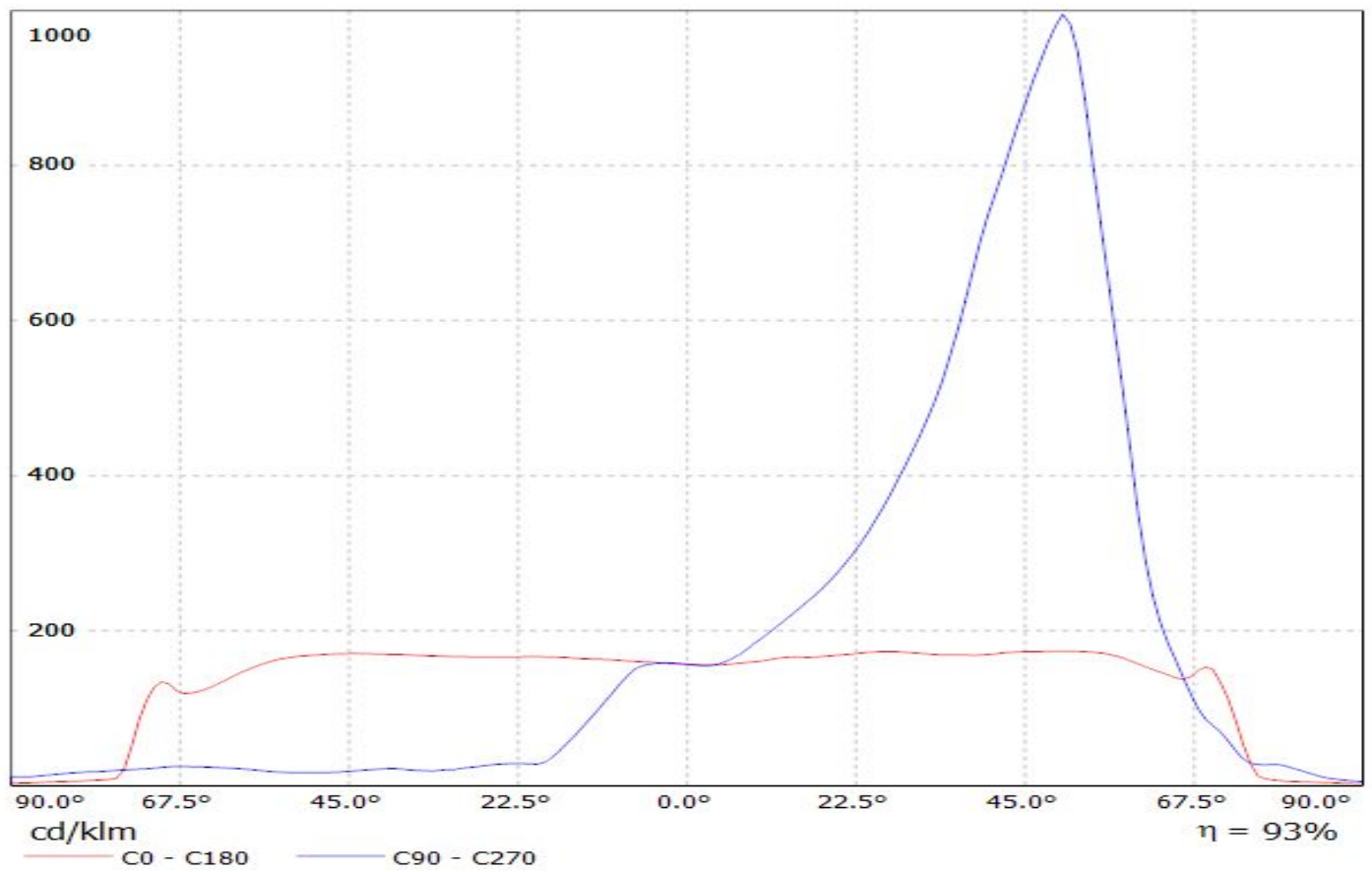
DRAWING TITLE
STRADA-SQ-FS

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 |
| A4 | - |

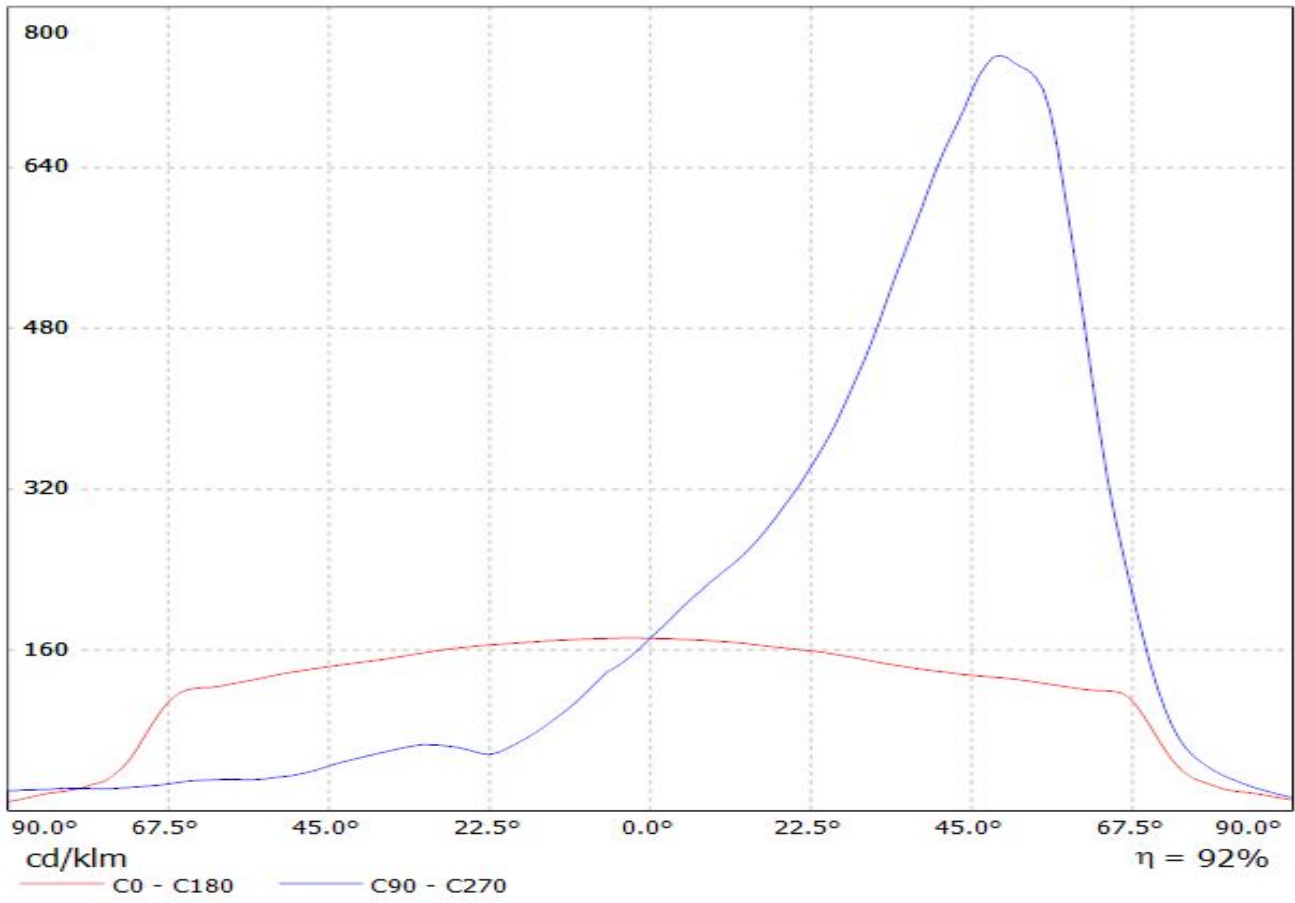
| | | | | | |
|-------|-----|--------|-----|-------|-----|
| SCALE | 2:1 | WEIGHT | - g | SHEET | 1/1 |
|-------|-----|--------|-----|-------|-----|

Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(PSL440)
Lamps: 1 x Citizen_PSL440_256.951lm@250mA_P=2.8697W_I=0.250A



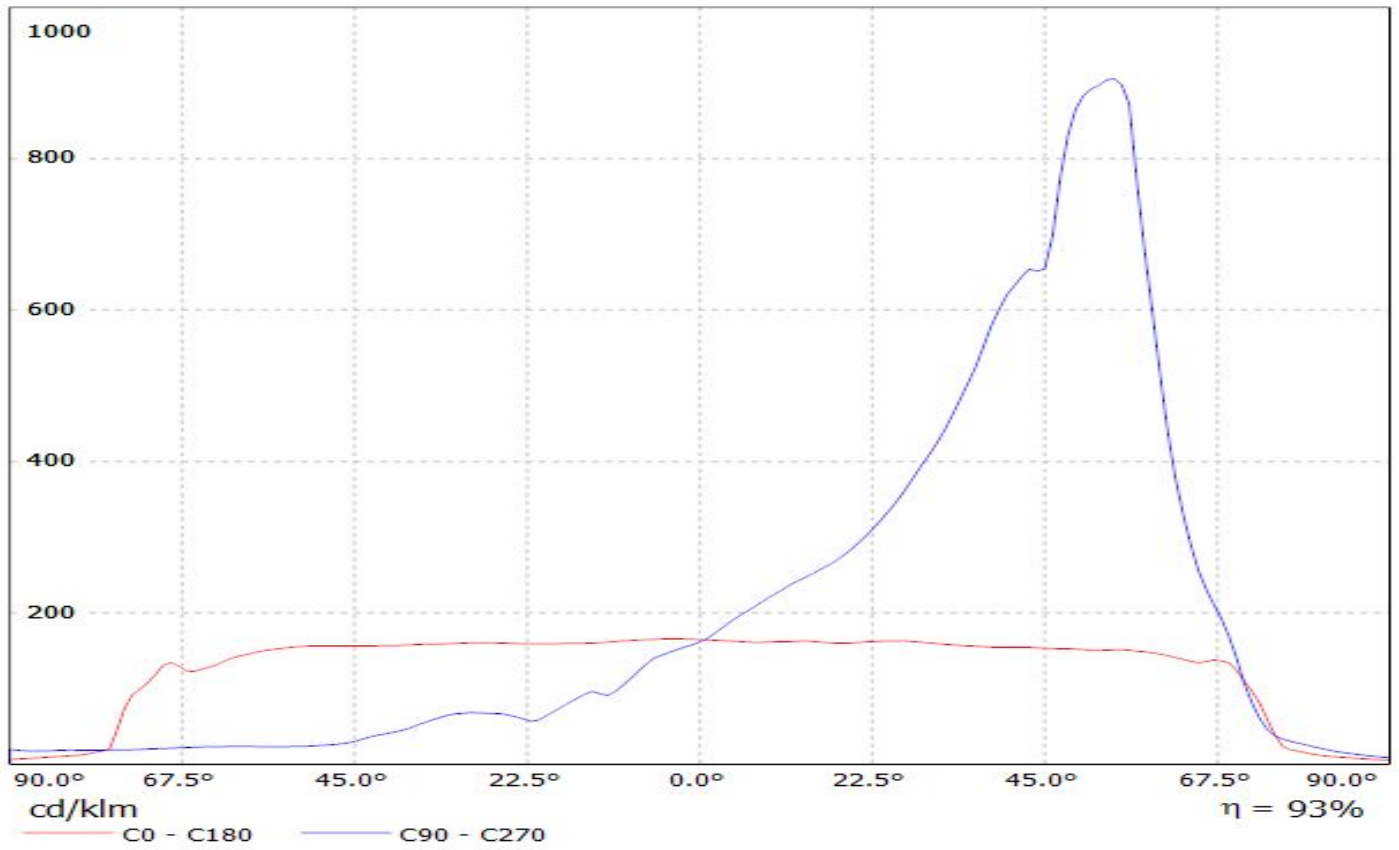
Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(PSL445)

Lamps: 1 x Citizen_PSL445_424.116lm@250mA_P=2.81625W_I=0.250A_CCT=2700K



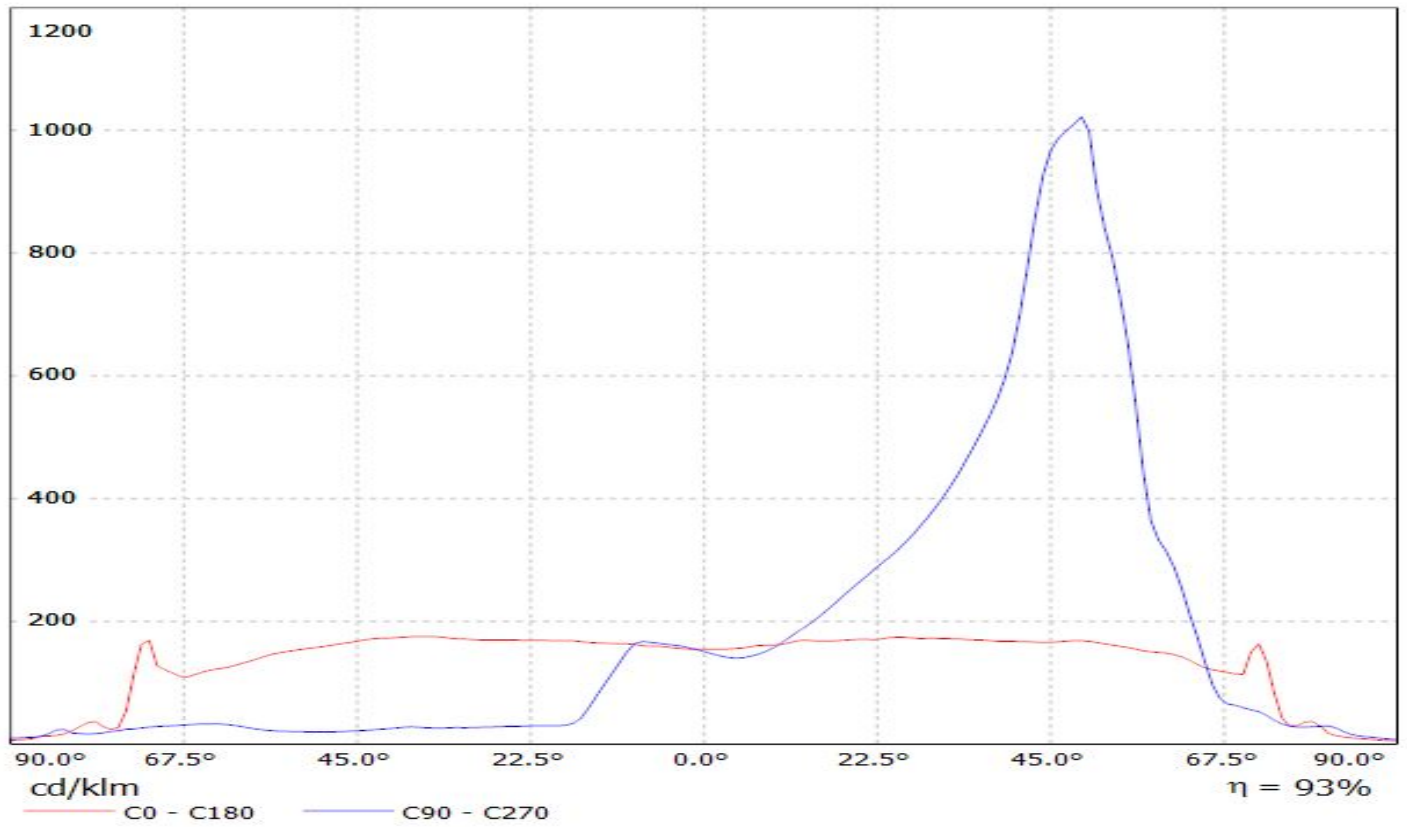
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6%
Lamps: 1 x CREE_MK-R_358.348lm@250mA_P=2.84311W_I=249.9mA



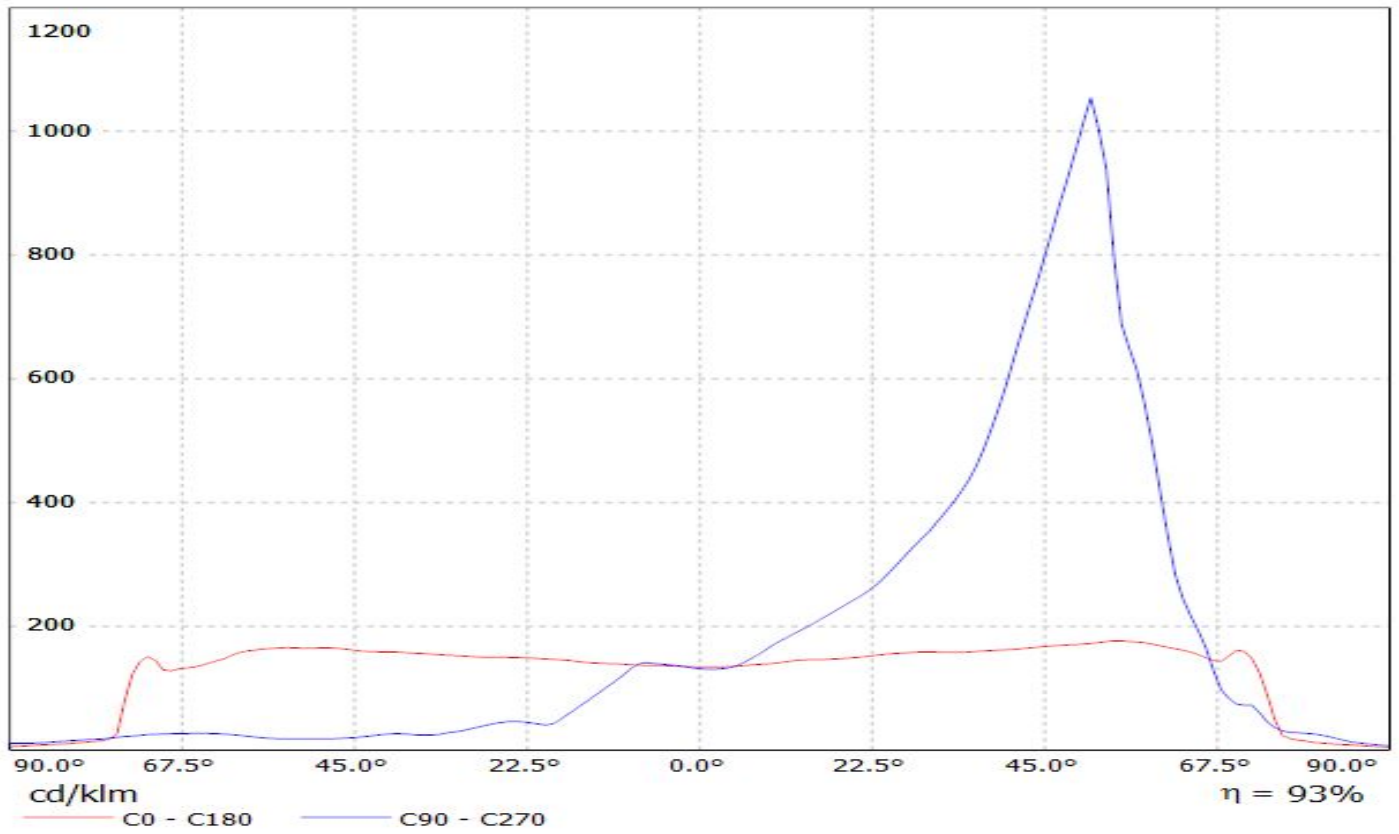
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0%
Lamps: 1 x CREE_XT-E_(XTEAWT-00-0000-00000HBE8)
_73.2149lm@250mA_P=0.779476W_I=249.9mA

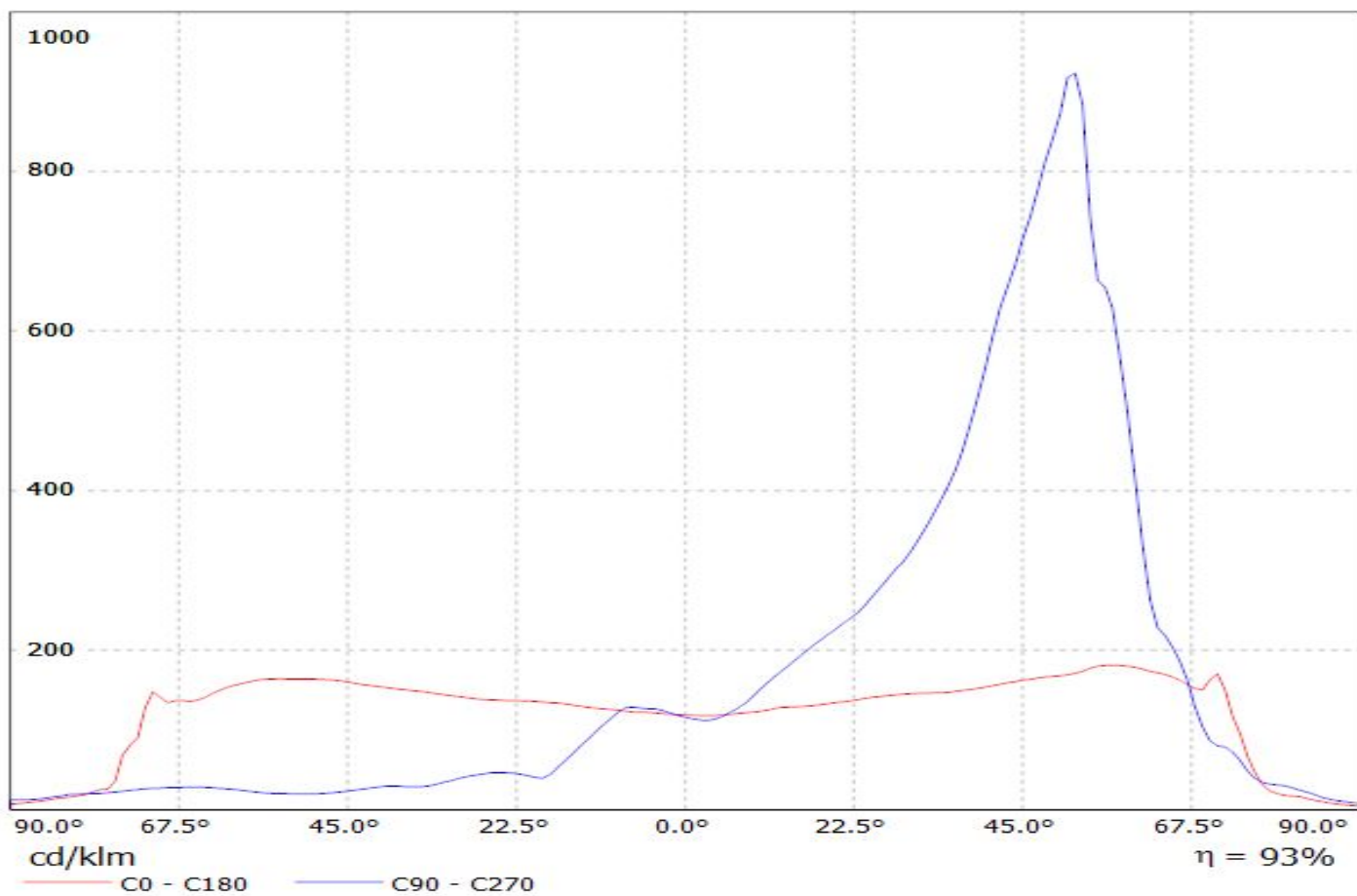


LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%
Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)
_100.386lm@259mA_P=0.724735W_I=249.9mA

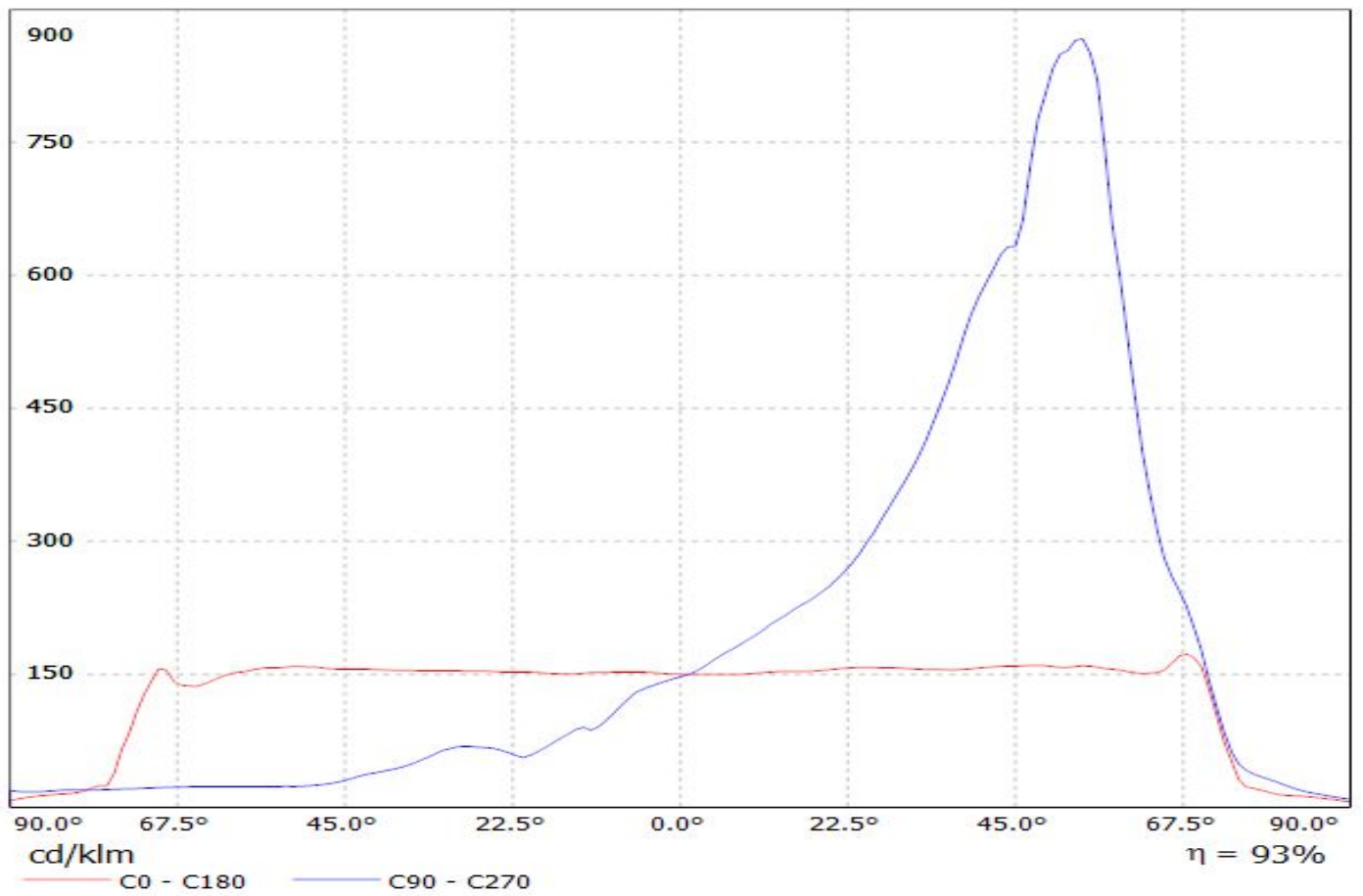


Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(XP-L)
Lamps: 1 x Cree_XP-L_125.481lm@250mA_P=0.737584W_I=249.9mA

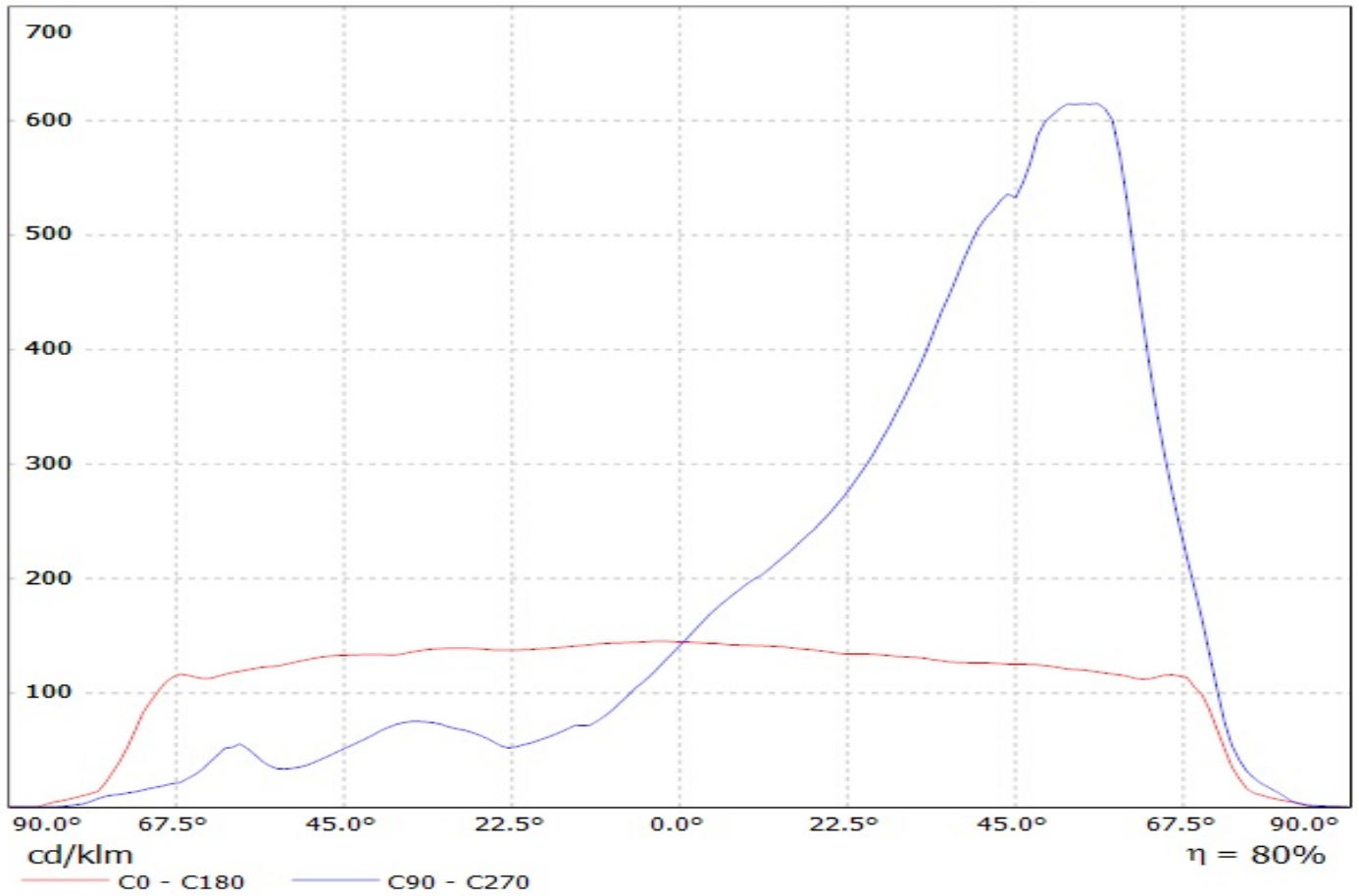


Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(CREE_XHP50_COOL_WHITE)

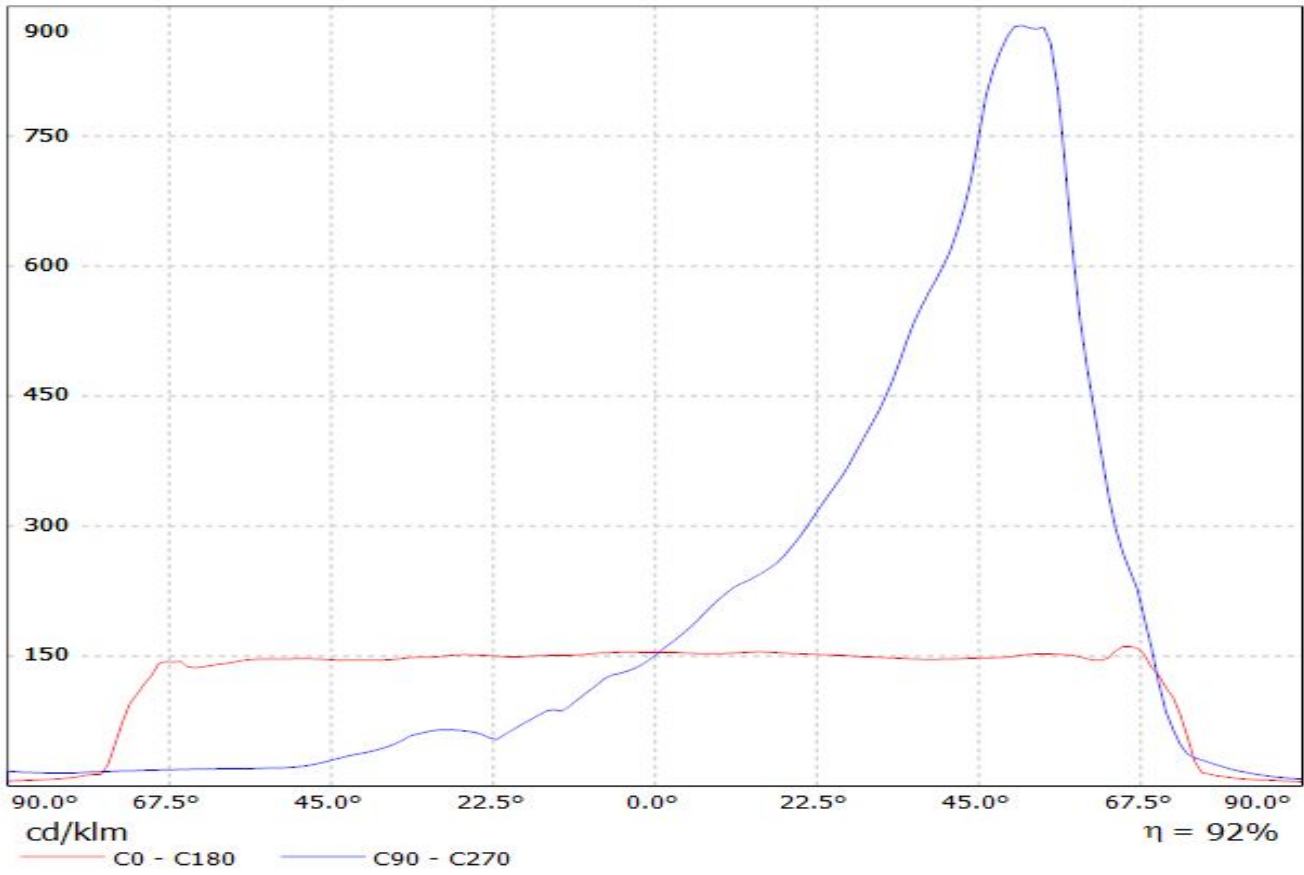
Lamps: 1 x CREE_XHP50_COOL_WHITE_242.068lm@250mA_CCT=COOLWHITE_I=02499mA_P=1.4295i



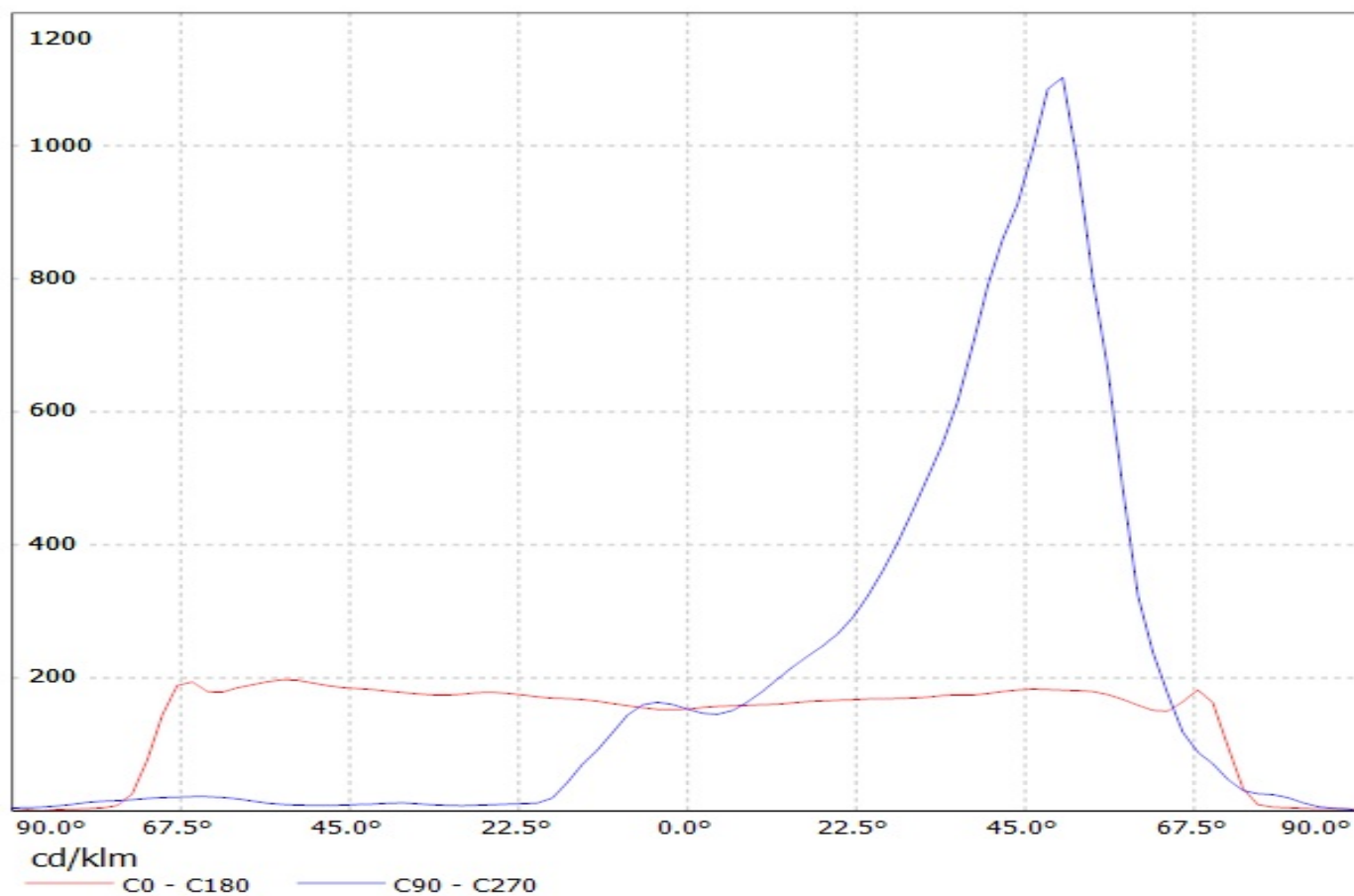
Luminaire: LEDiL Oy CA13897 STRADA-SQ-FS_(XHP70)_glass
Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A



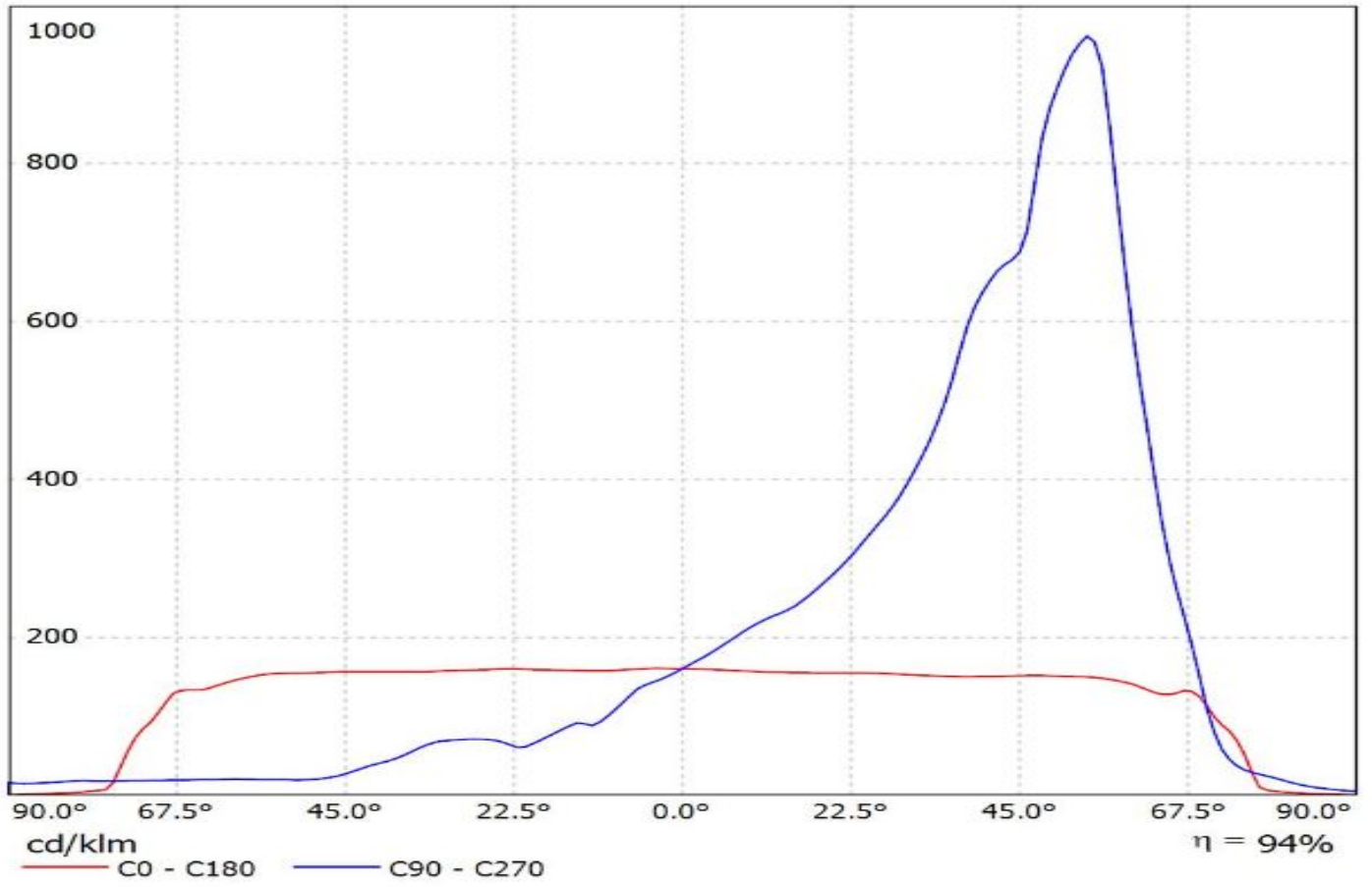
Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA



Luminaire: LEDil Oy CA13897_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA

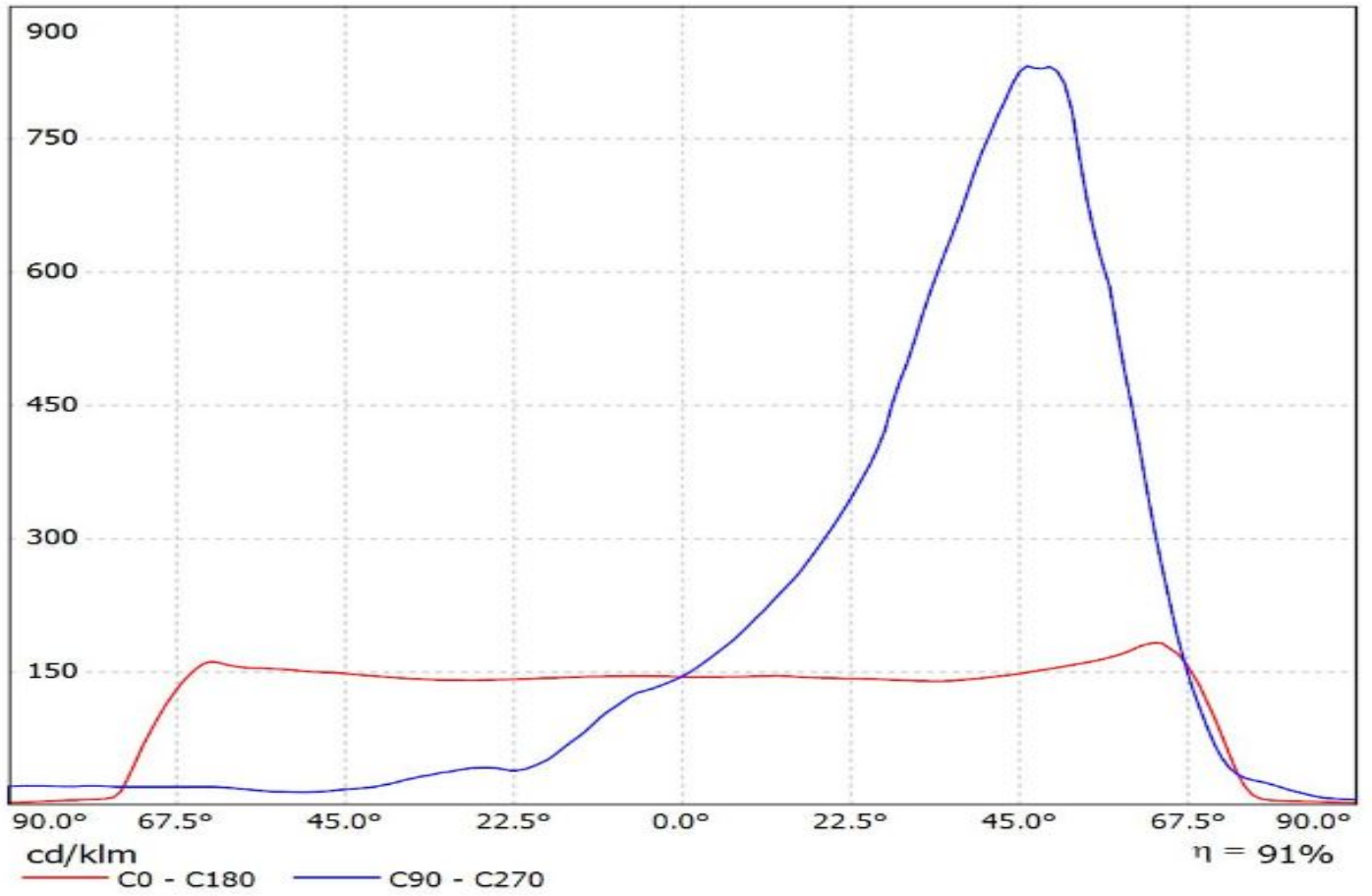


Luminaire: Ledil CA13897_STRADA-SQ-FS (LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A

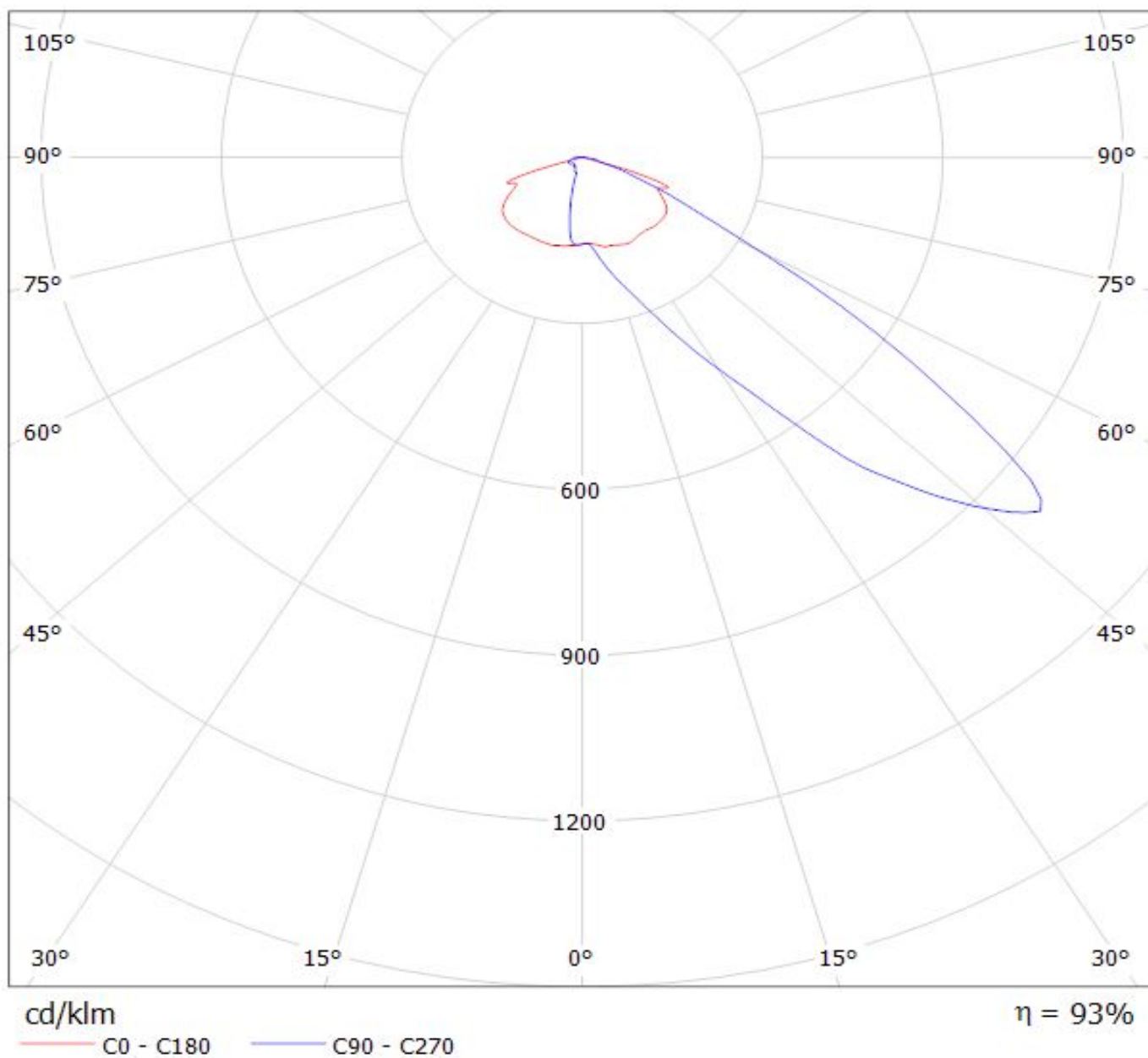


Luminaire: Ledil CA13897_STRADA-SQ-FS_(Duris_S10)

Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_999.98lm@250mA_P=9.2345W_I=0.25A

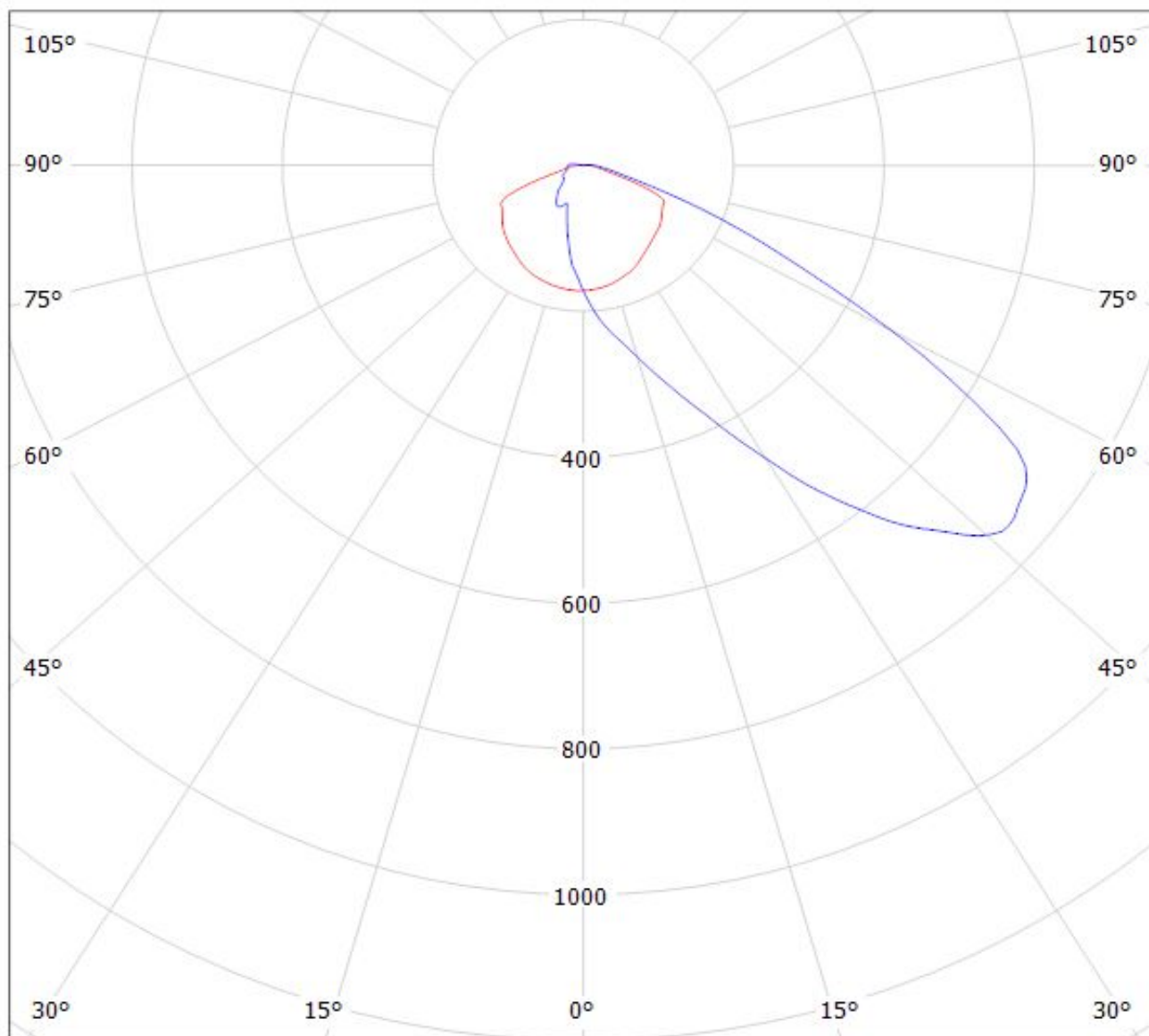


Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(PSL440)
Lamps: 1 x Citizen_PSL440_256.951lm@250mA_P=2.8697W_I=0.250A



Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(PSL445)

Lamps: 1 x Citizen_PSL445_424.116lm@250mA_P=2.81625W_I=0.250A_CCT=2700K



cd/klm

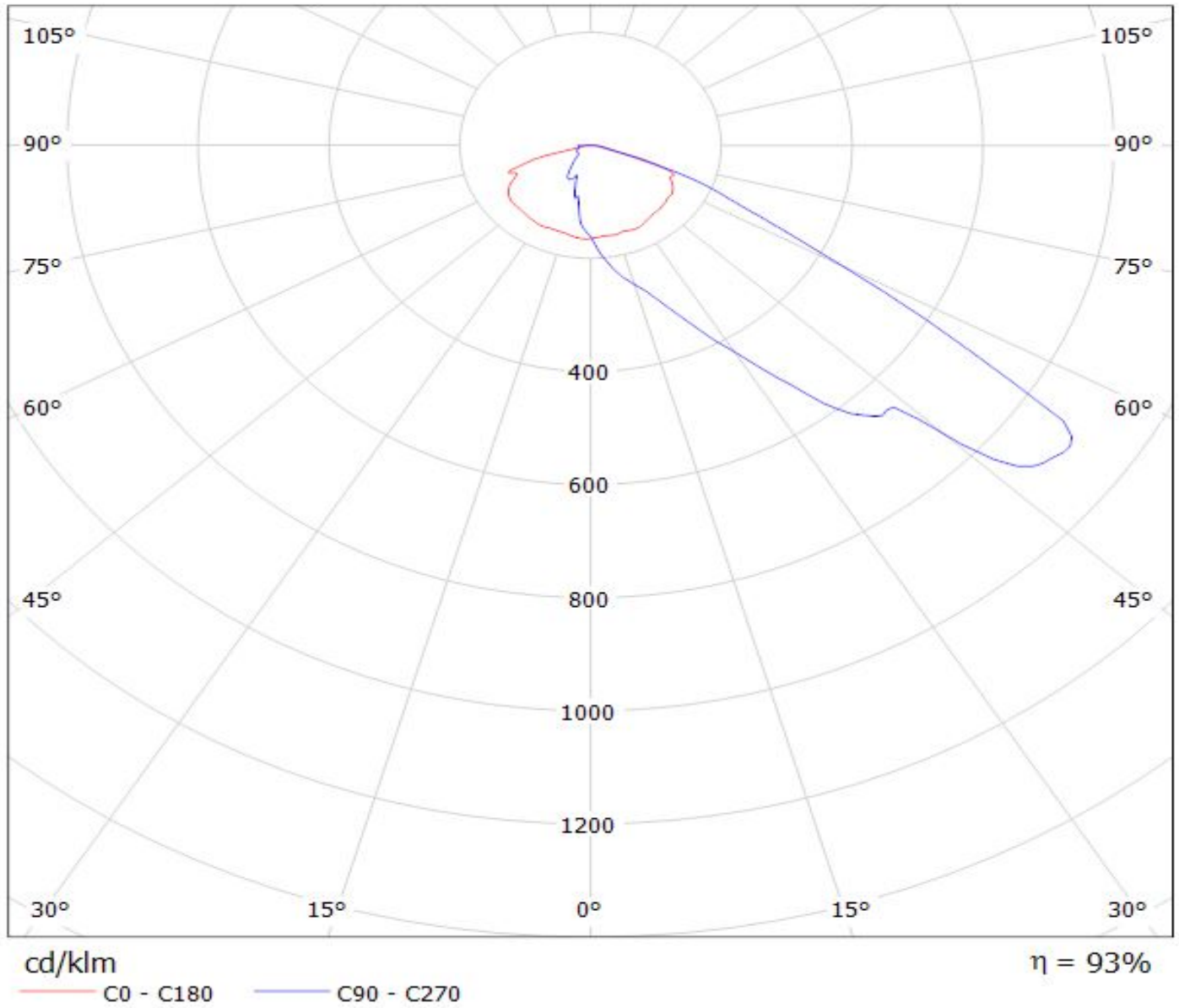
— C0 - C180

— C90 - C270

$\eta = 92\%$

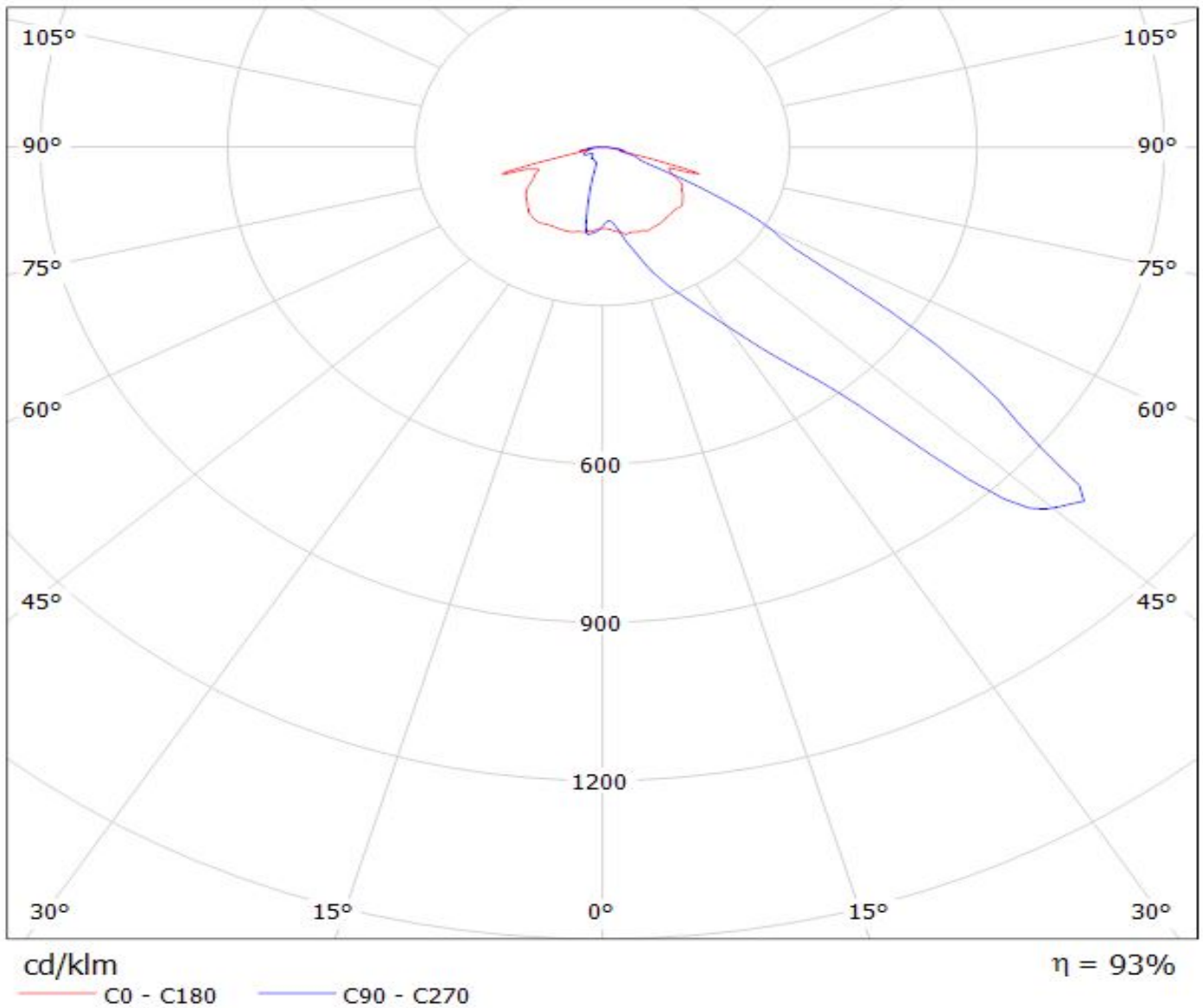
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6%
Lamps: 1 x CREE_MK-R_358.348lm@250mA_P=2.84311W_I=249.9mA



LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0%
Lamps: 1 x CREE_XT-E_(XTEAWT-00-0000-00000HBE8)
_73.2149lm@250mA_P=0.779476W_I=249.9mA

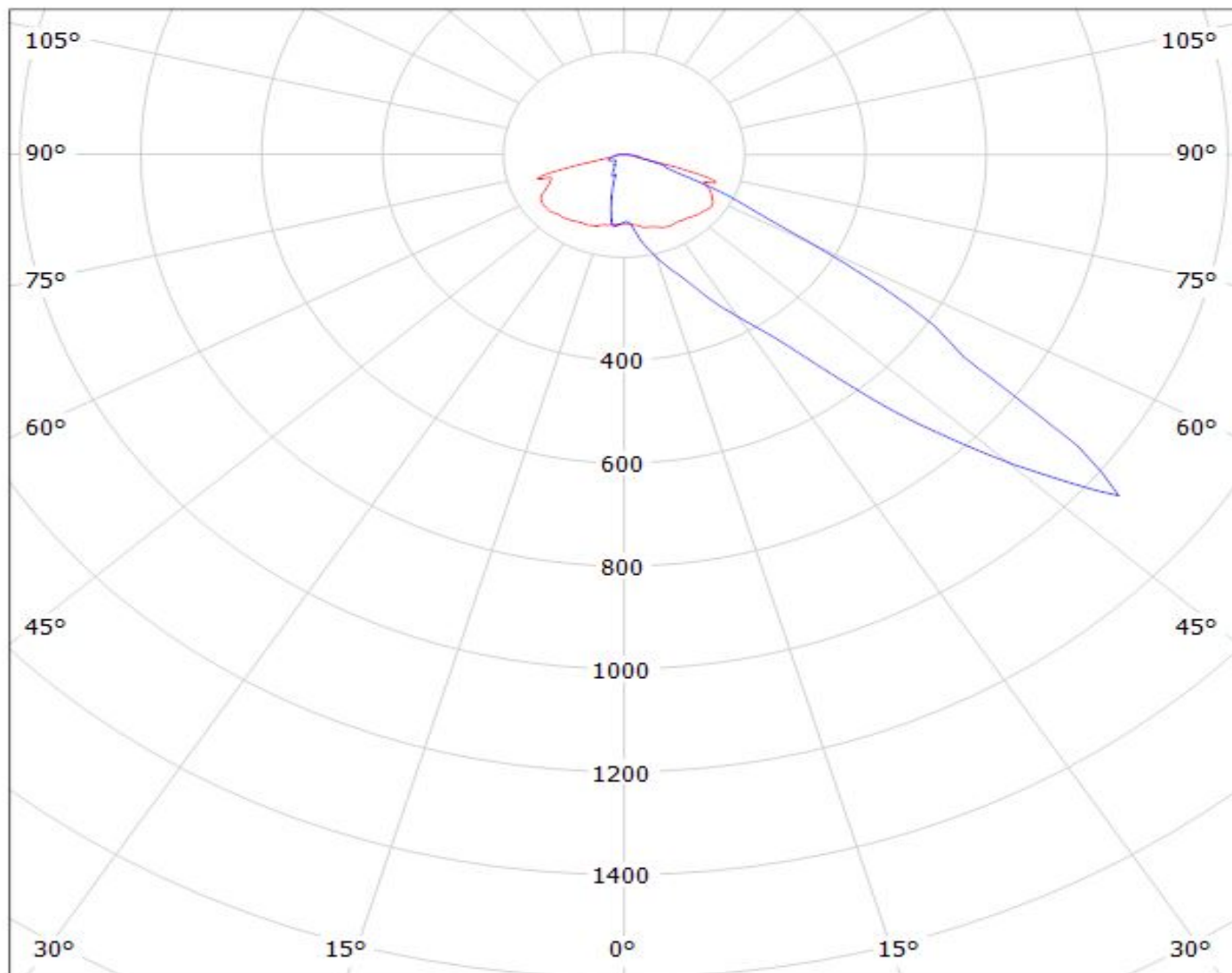


LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%

Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)

_100.386lm@259mA_P=0.724735W_I=249.9mA



cd/klm

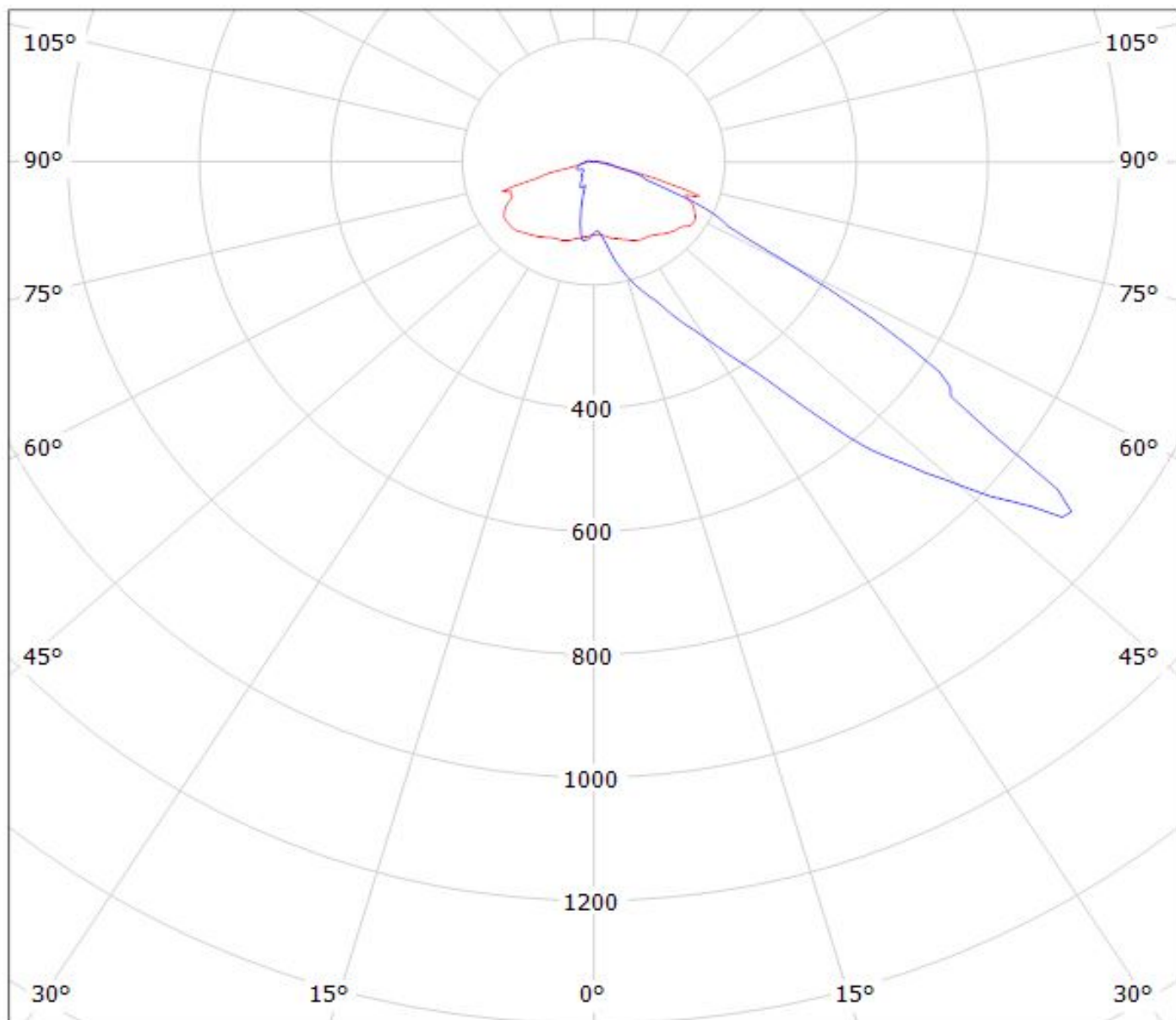
η = 93%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(XP-L)

Lamps: 1 x Cree_XP-L_125.481lm@250mA_P=0.737584W_I=249.9mA



cd/klm

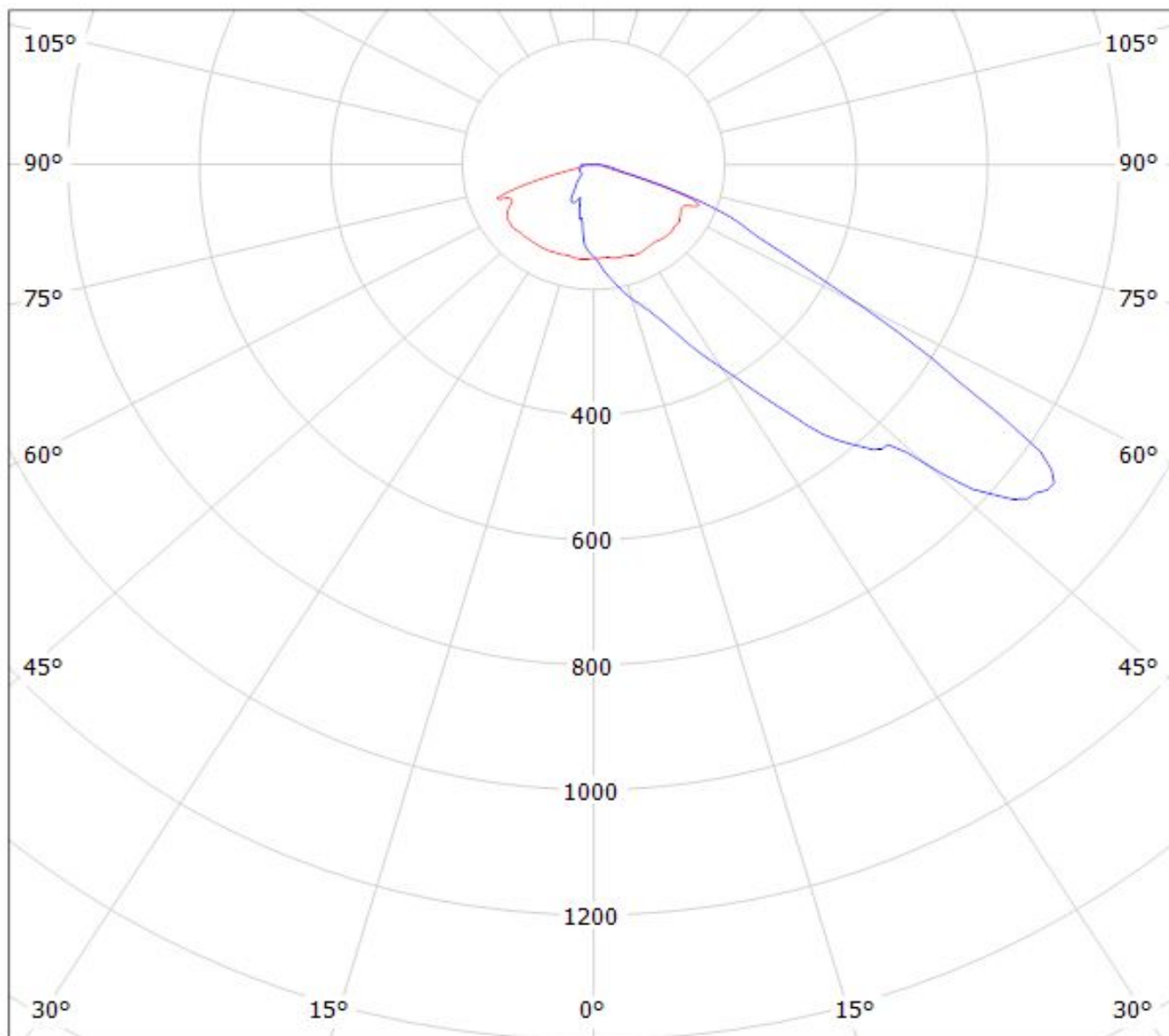
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(CREE_XHP50_COOL_WHITE)

Lamps: 1 x CREE_XHP50_COOL_WHITE_242.068lm@250mA_CCT=COOLWHITE_I=02499mA_P=1.42958



cd/klm

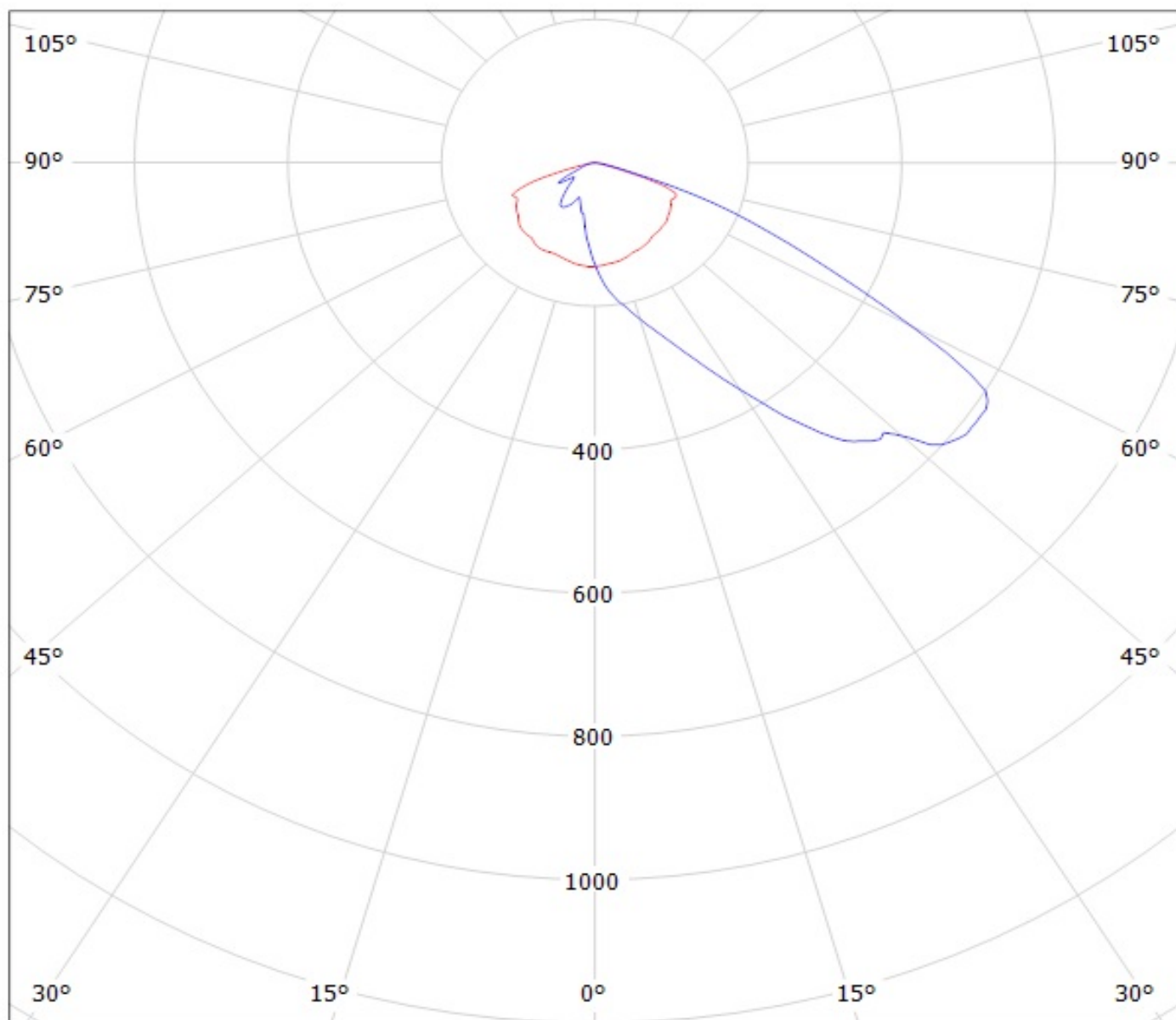
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy CA13897 STRADA-SQ-FS_(XHP70)_glass

Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A



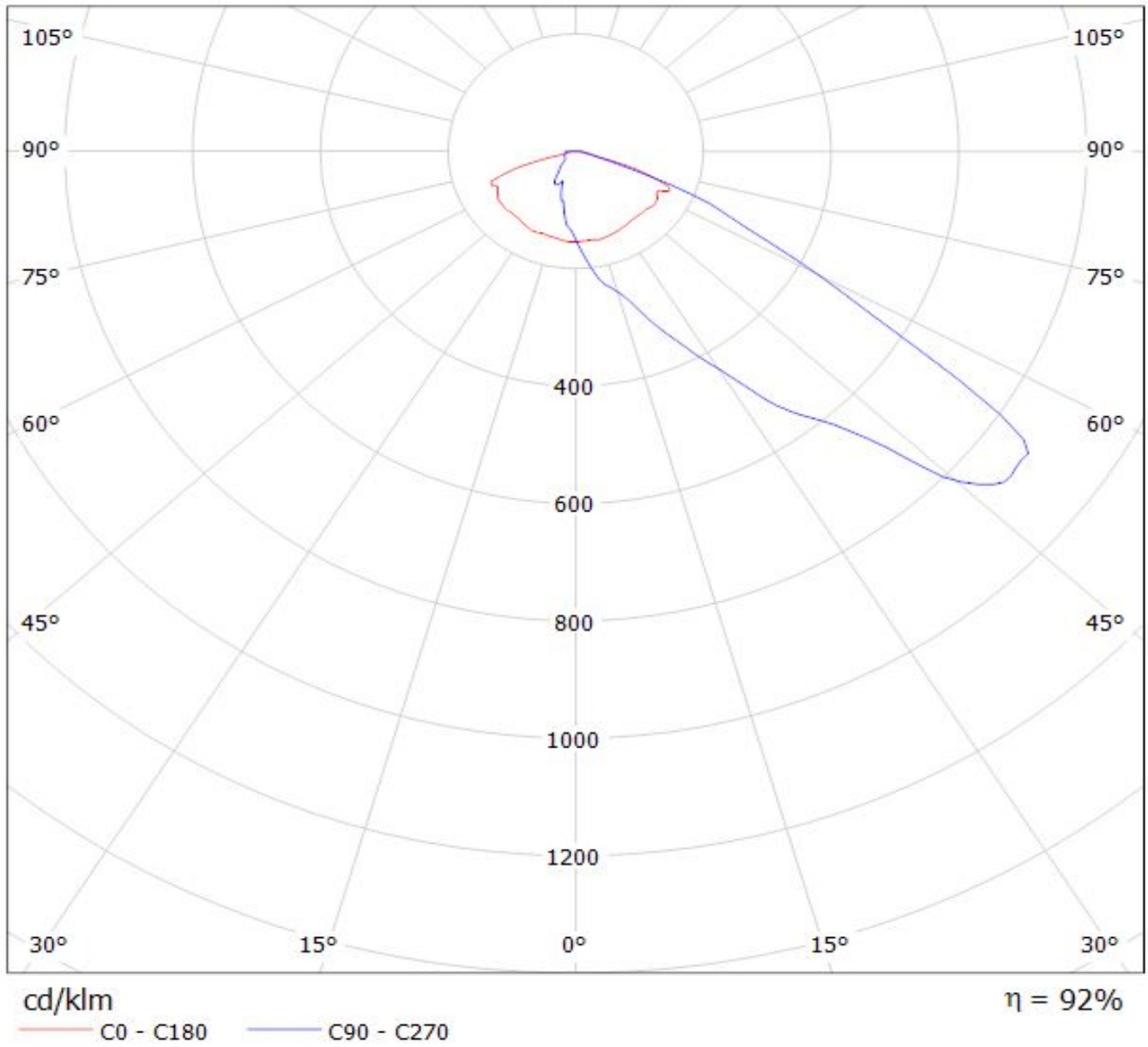
cd/klm

$\eta = 80\%$

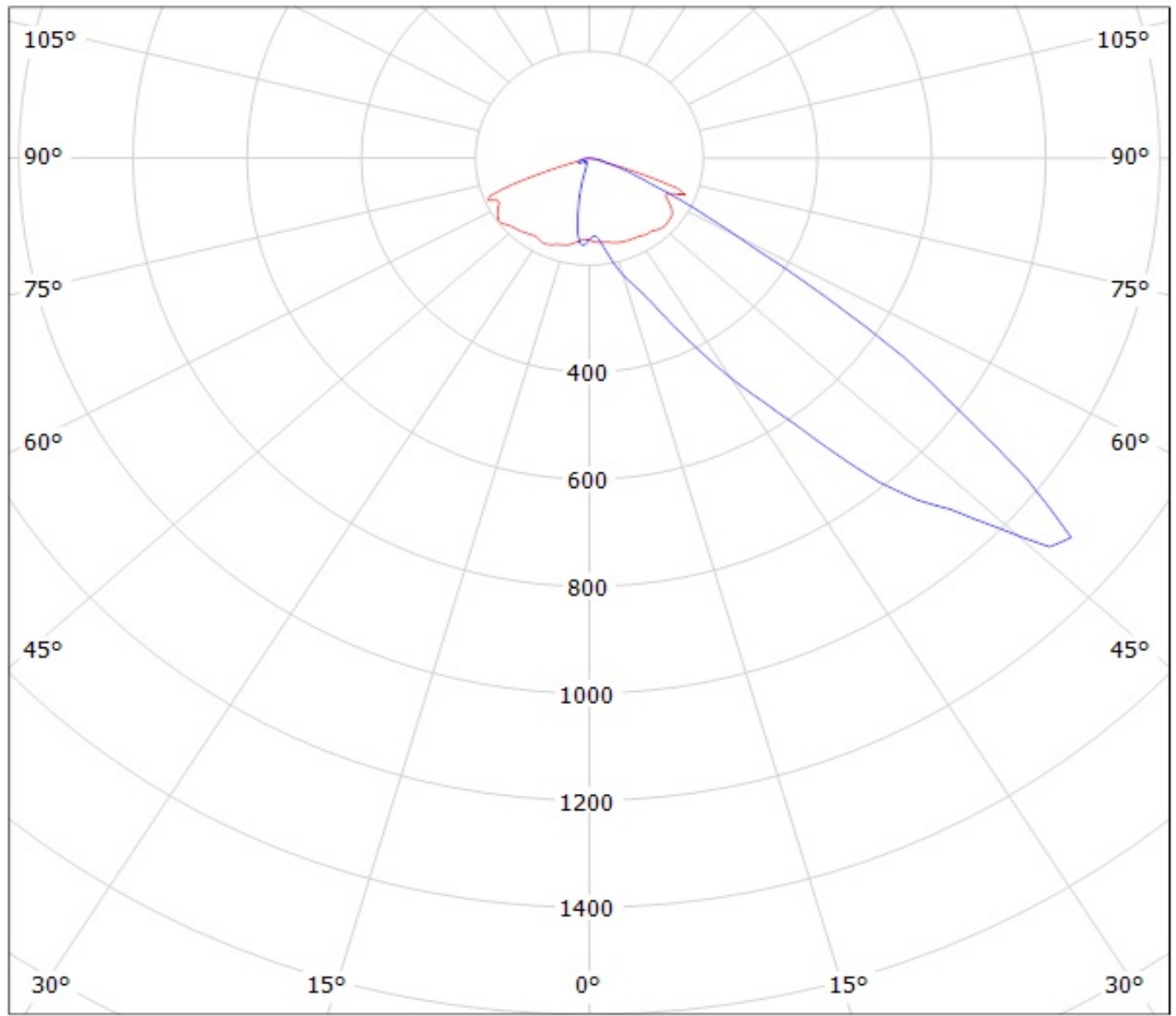
— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA



Luminaire: LEDil Oy CA13897_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA

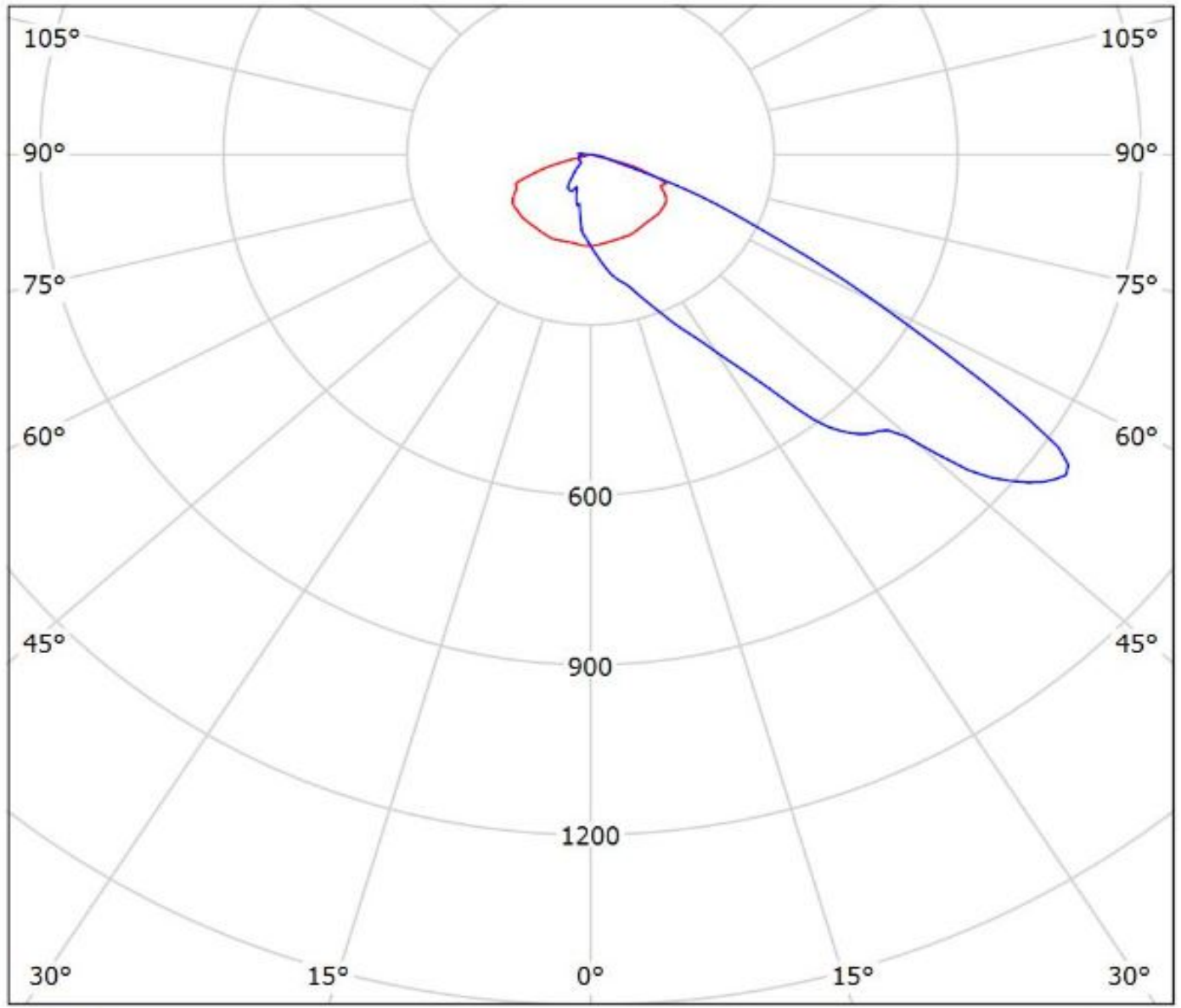


cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil CA13897_STRADA-SQ-FS_(LUXEON_XR-M_Linear_1x4)

Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A



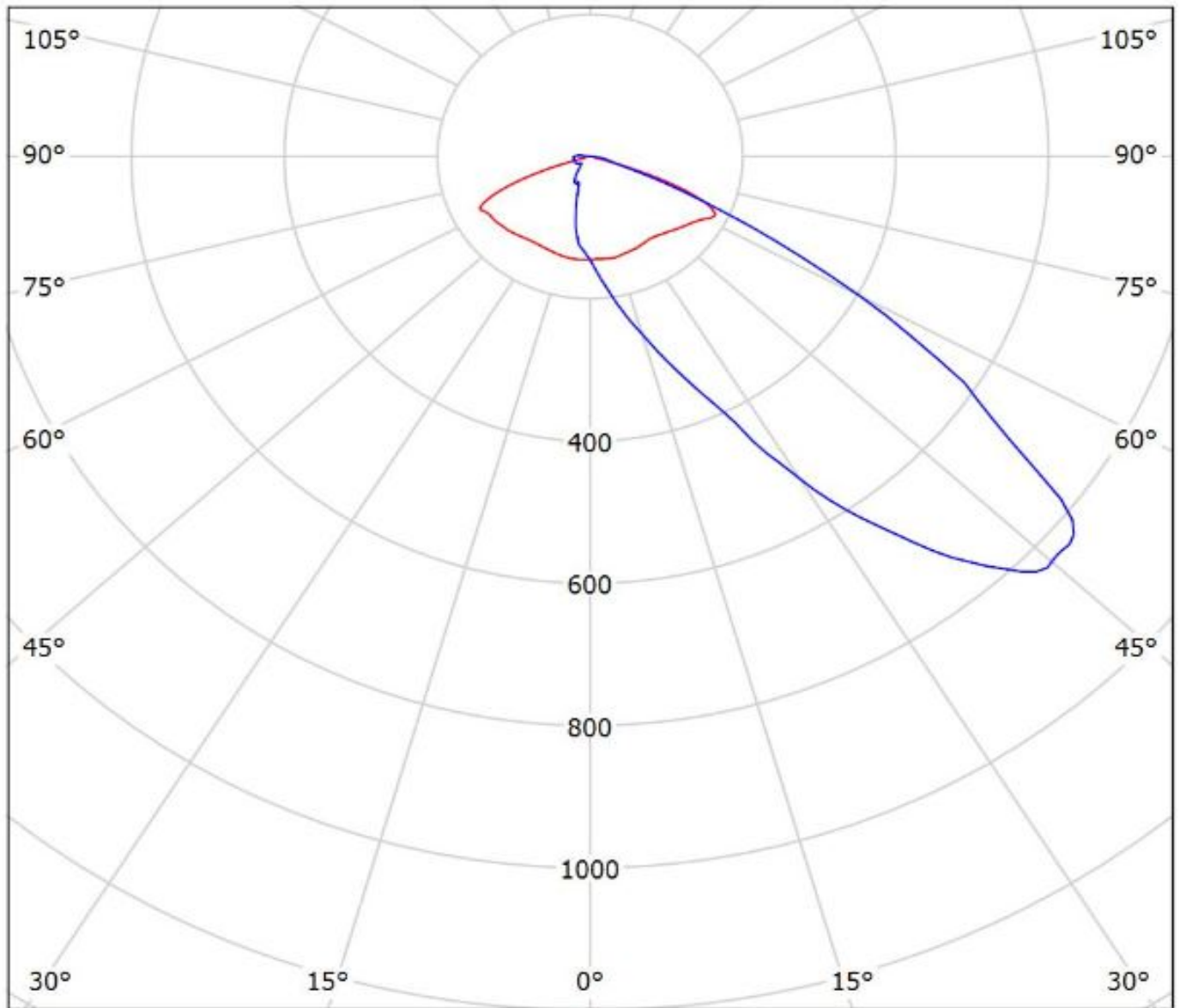
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil CA13897_STRADA-SQ-FS_(Duris_S10)

Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_999.98lm@250mA_P=9.2345W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 91\%$

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.