

DETAILS

| | |
|------------------------|------------------|
| Product Number | C13746_KIKI-A |
| Family | KIKI |
| Type | Lens |
| Color | clear |
| Diameter | 21,6 x 14 mm |
| Height | 5,9 mm |
| Style | rectang |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | pin, glue |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 20/10/2015 |



OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Efficiency | cd/lm | Connector |
|-------------------|---------------|--------------|------------|-------|-----------|
| XT-E | 170 deg | Wide-Area... | 94 % | 0.240 | - |
| XT-E HVW | 167 deg | Wide-Area... | 94 % | 0.270 | - |
| LUXEON T | 165 deg | Wide-Area... | 94 % | 0.270 | - |
| LUXEON TX | 166 deg | Wide-Area... | 94 % | 0.280 | - |
| NVSxx19B/NVSxx19C | 165+166 deg | Wide-Area... | 93 % | 0.260 | - |

D

C

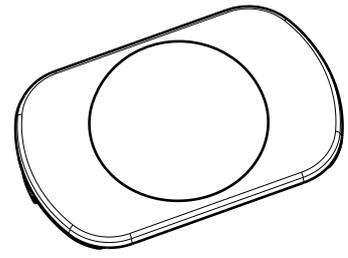
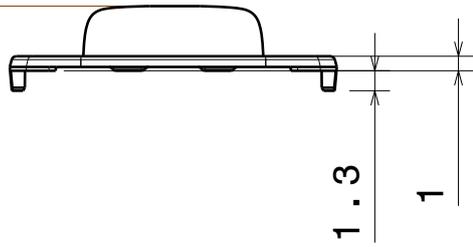
B

A

4

4

5.9

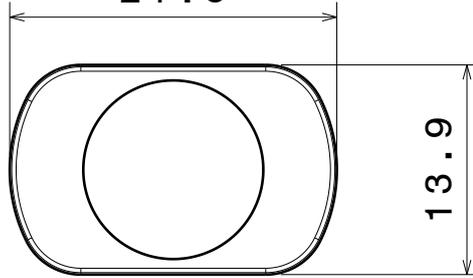


Isometric view

3

3

21.5

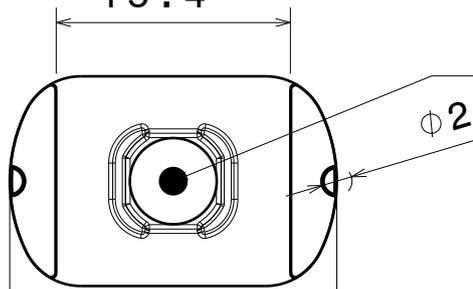


13.9

2

2

15.4



21.5

Led position

∅2

Positionpins center to center

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_C13746_KIKI-A

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SIZE PART NUMBER

A4

C13746

SCALE

2:1

WEIGHT

(g)

SHEET

1/1

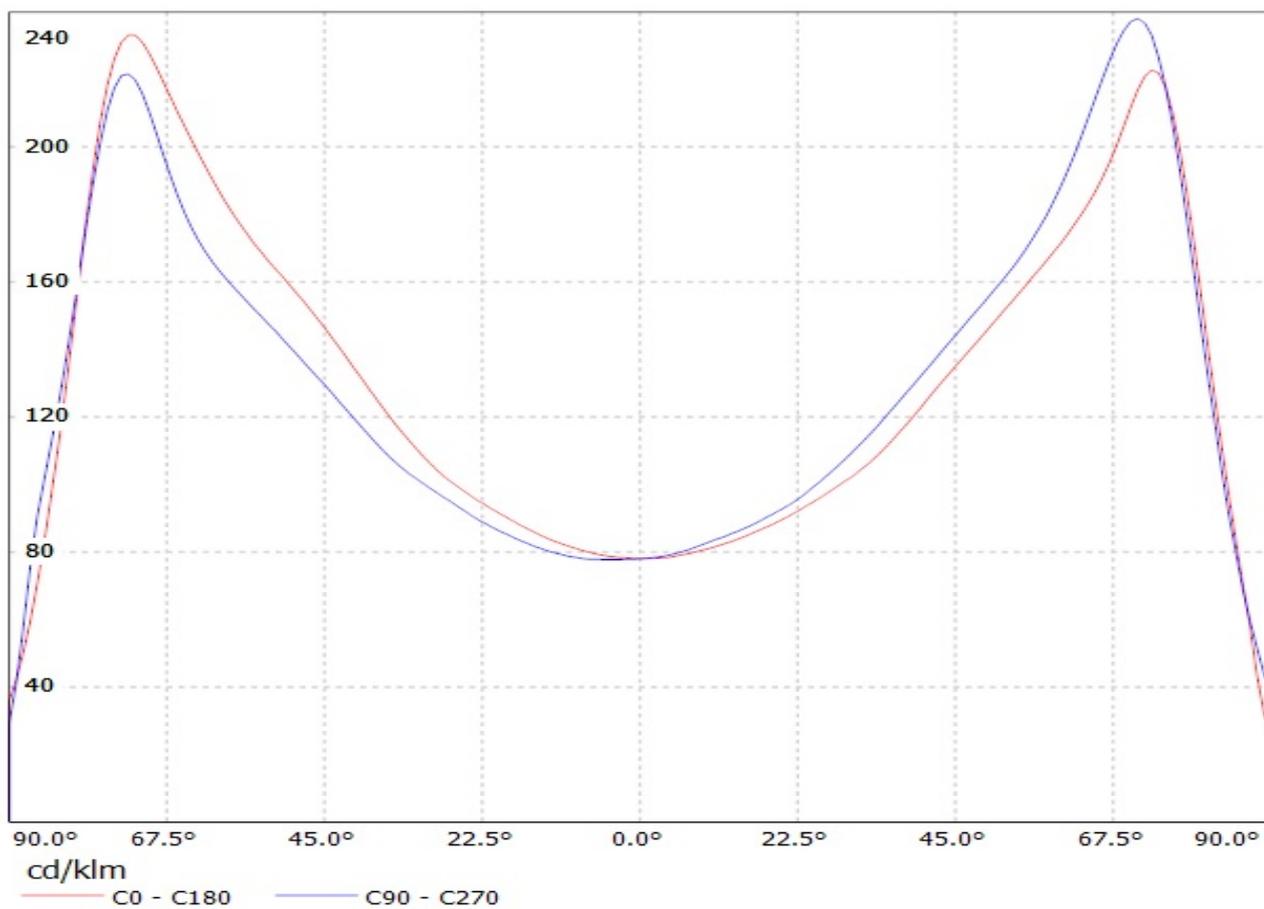
D

A

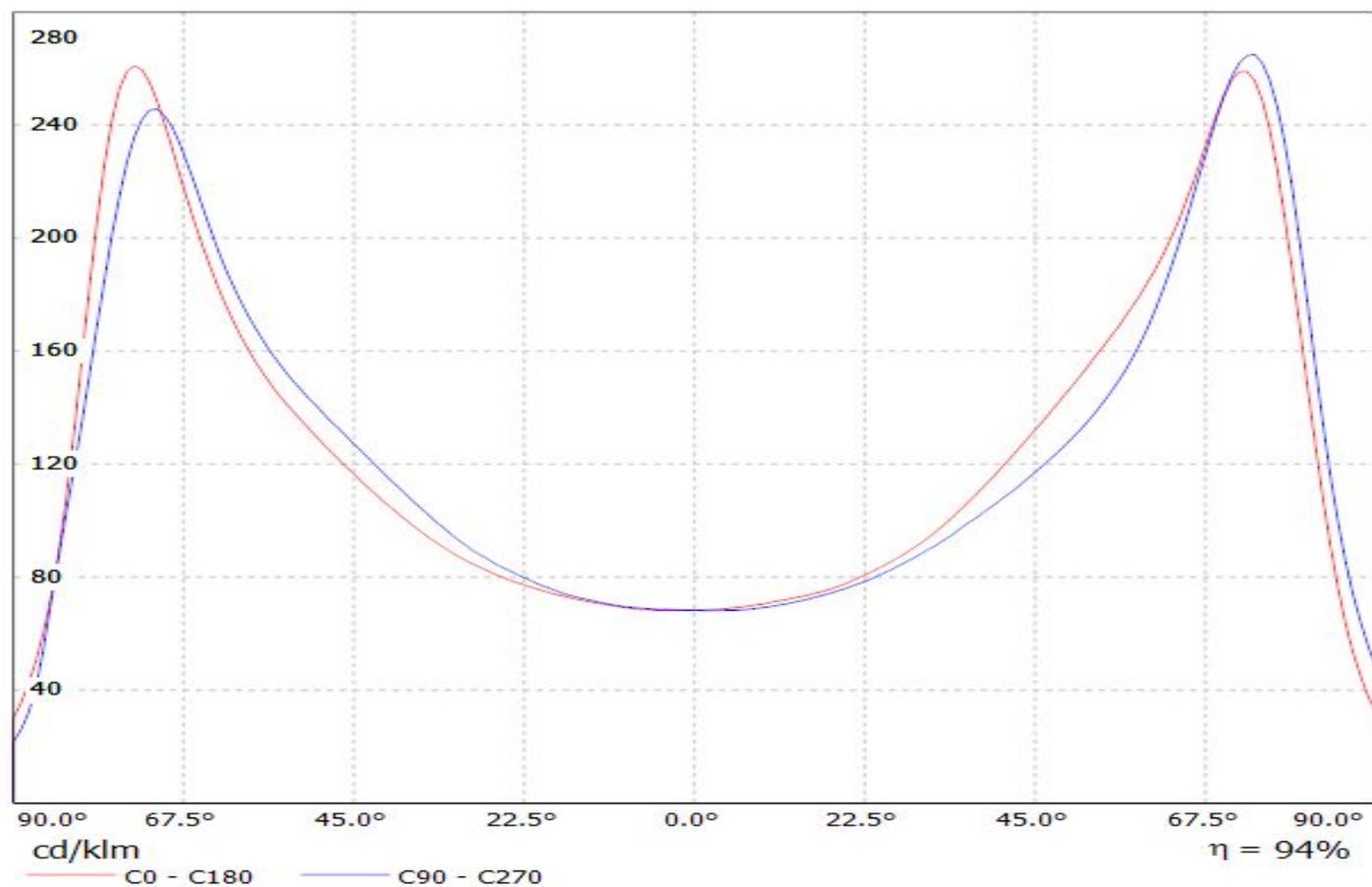
1

Luminaire: LEDiL Oy C13746_KIKI-A_(XT-E) Eff: 94%

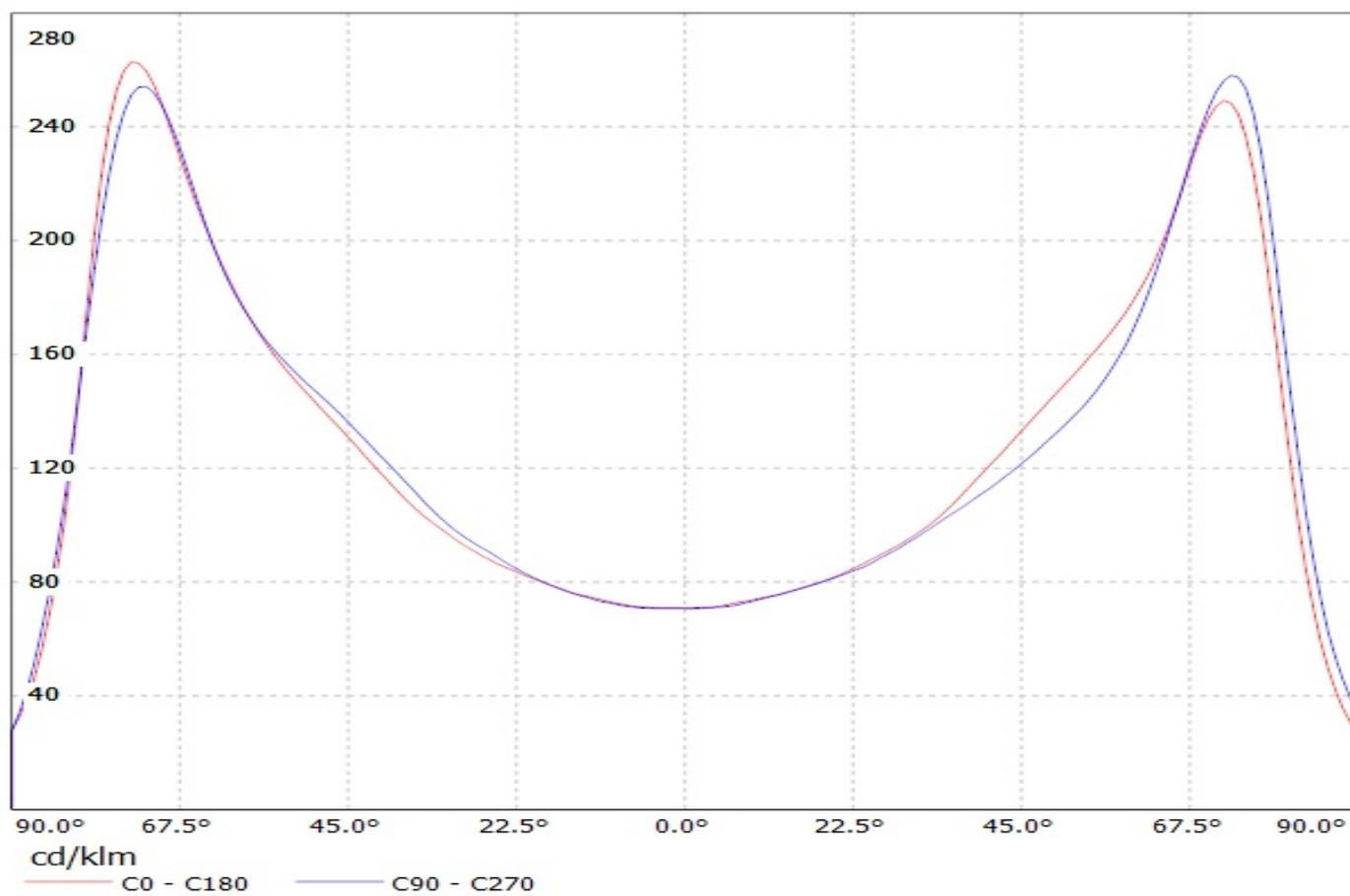
Lamps: 1 x Cree_XT-E_(XTEAWT-00-0000-00000HBE8)_76.75lm@250mA_CCT=2811K_P=0.789334W_I=249.9mA



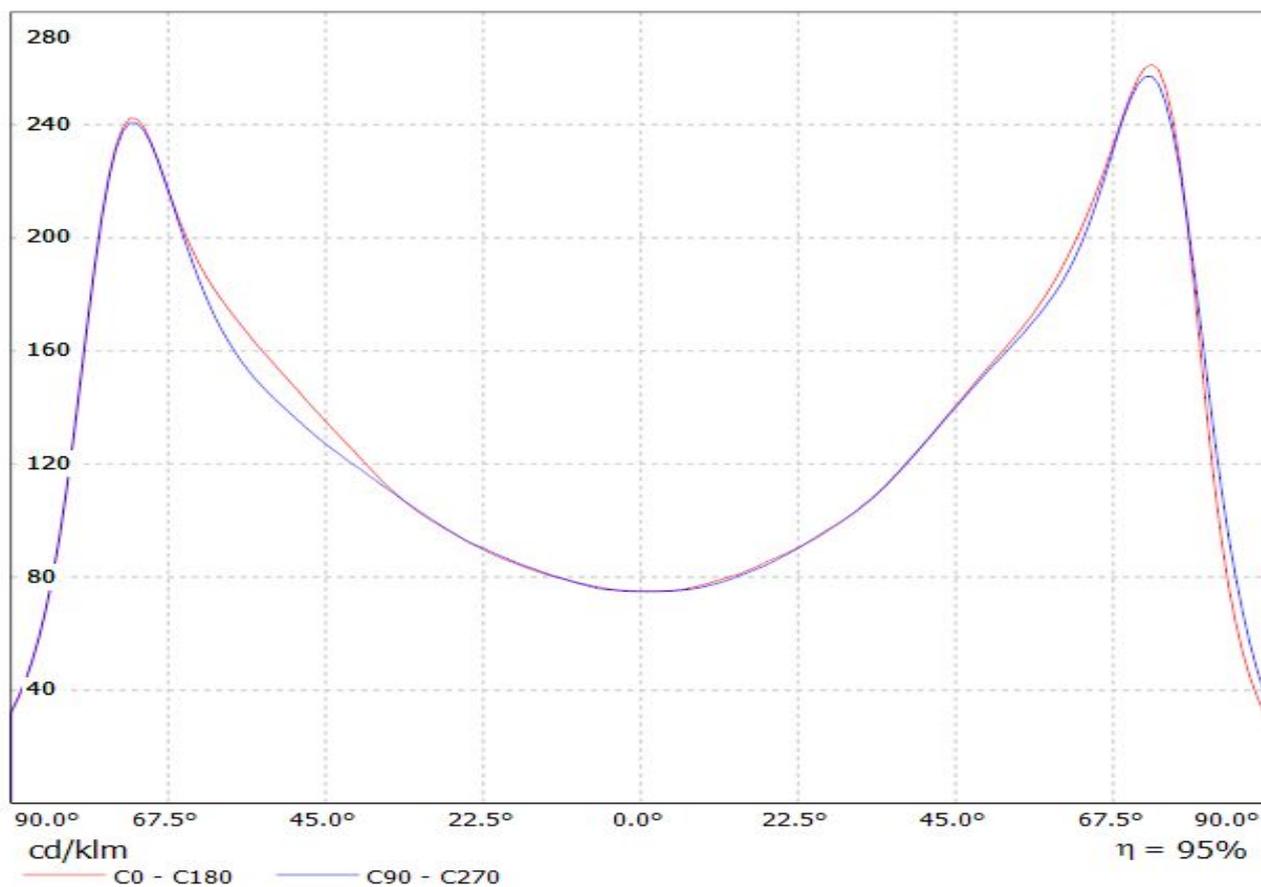
Luminaire: LEDiL Oy C13746_KIKI-A_(XT-E_HVW) Eff.94.0%
Lamps: 1 x CREE_XT-E_HVW_(XTEHVW-Q-1BO-Q5O-3L-0001)
_120.21lm@20mA_P=0.988468W_I=20.3mA



Luminaire: LEDiL Oy C13746_KIKI-A_(Luxeon_T) Eff: 94%
Lamps: 1 x Luxeon_T_(LXH8-FW30-3)_72.33lm@250mA_CCT=3178K_P=0.735456W_I=249.9mA

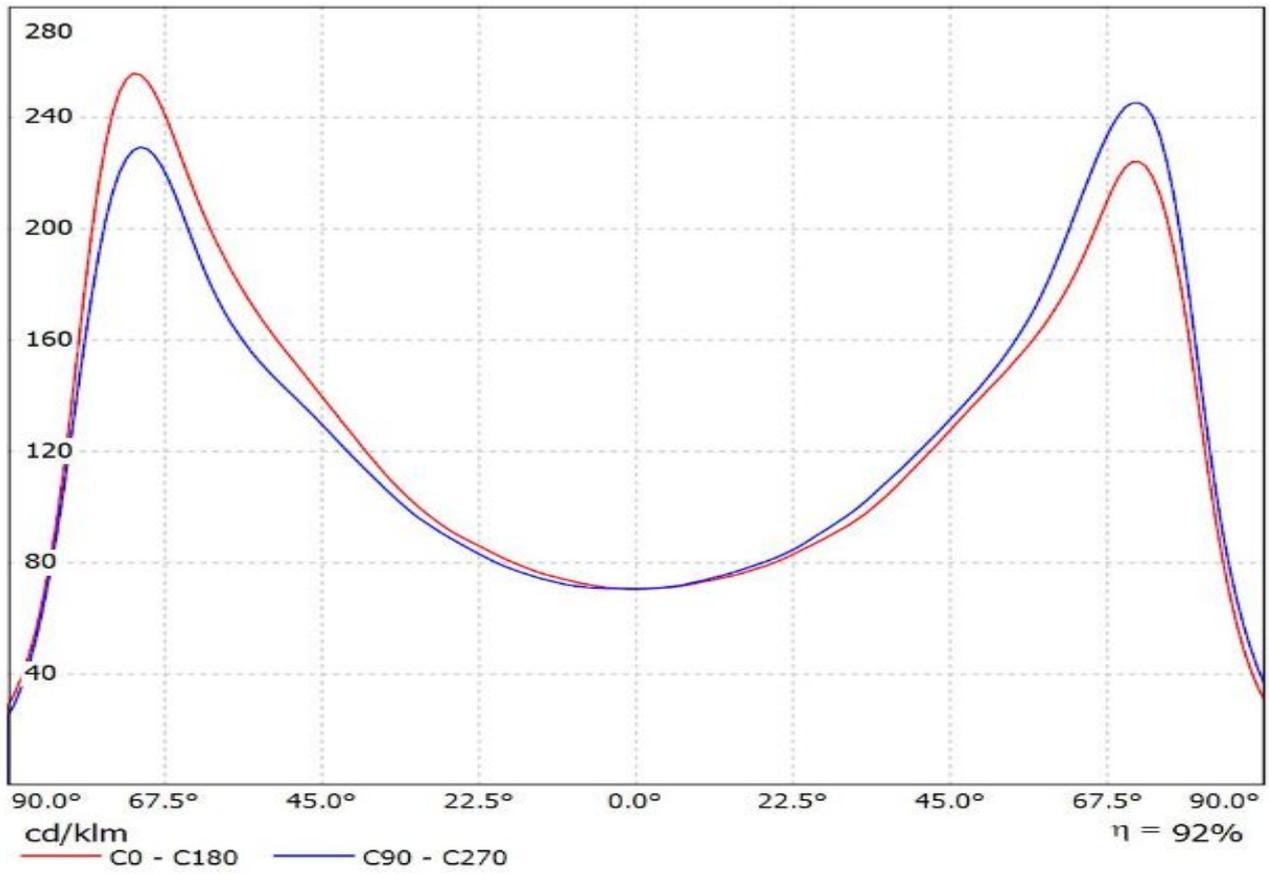


Luminaire: LEDiL Oy C13746_KIKI-A_(Luxeon_TX) Eff.94.9%
Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.1801lm@250mA_CCT=3500K_P=0.731482W_I=249.9mA



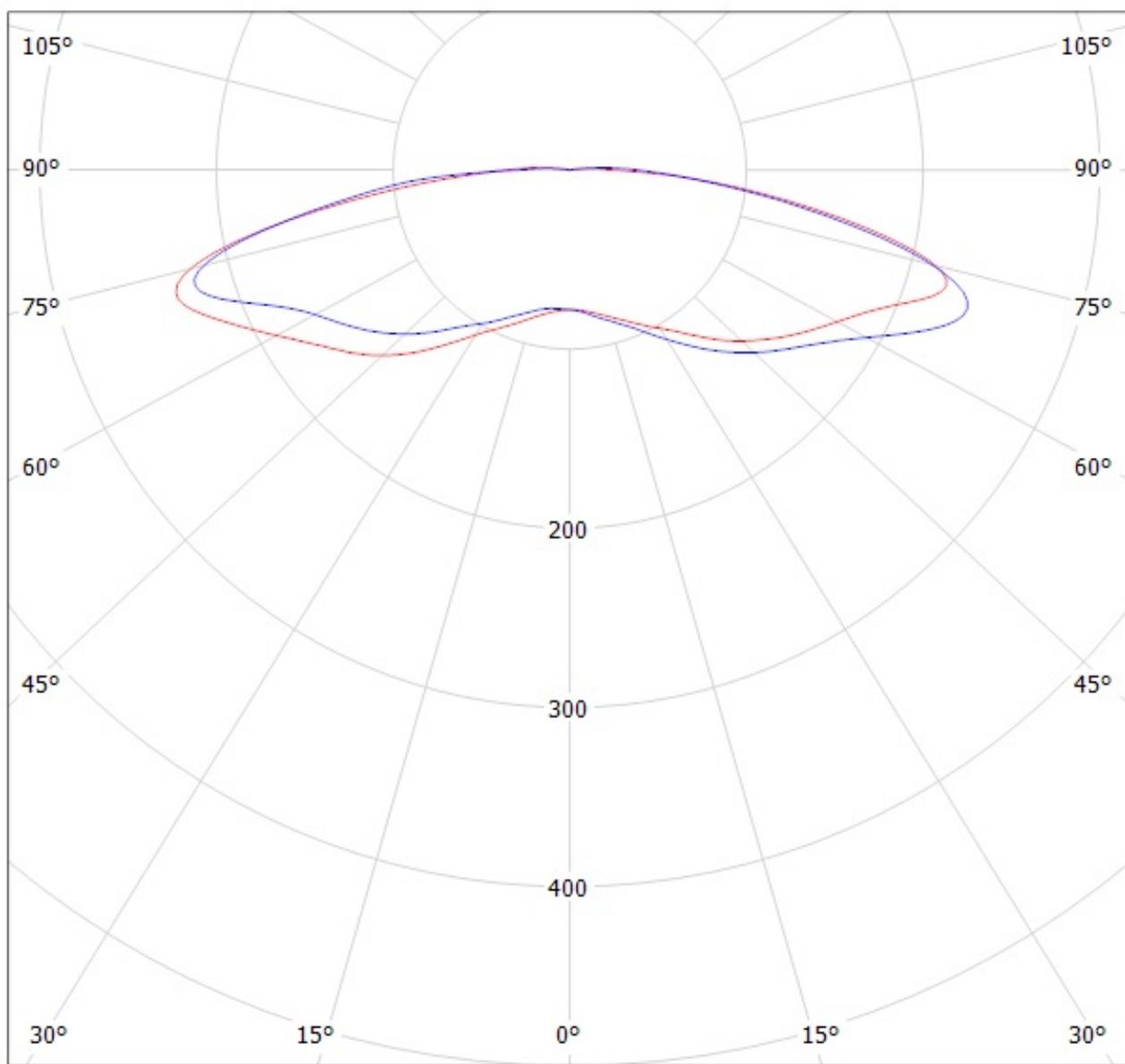
Luminaire: LEDiL Oy C13746_KIKI-A_(NVSL219CE)

Lamps: 1 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



Luminaire: LEDiL Oy C13746_KIKI-A_(XT-E) Eff: 94%

Lamps: 1 x Cree_XT-E_(XTEAWT-00-0000-00000HBE8)_76.75lm@250mA_CCT=2811K_P=0.789334W_I=249.9mA

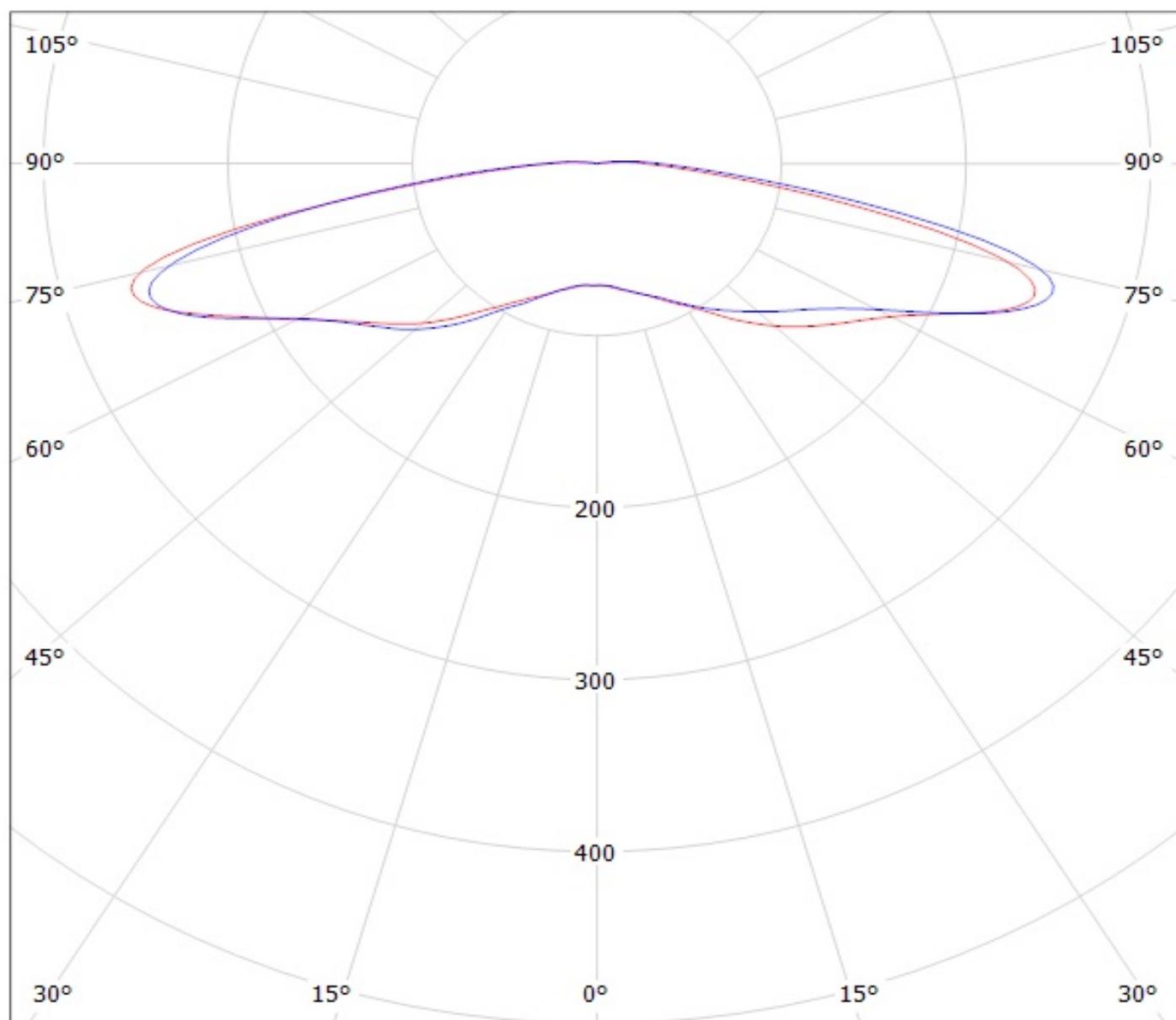


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy C13746_KIKI-A_(Luxeon_T) Eff: 94%

Lamps: 1 x Luxeon_T_(LXH8-FW30-3)_72.33lm@250mA_CCT=3178K_P=0.735456W_I=249.9mA



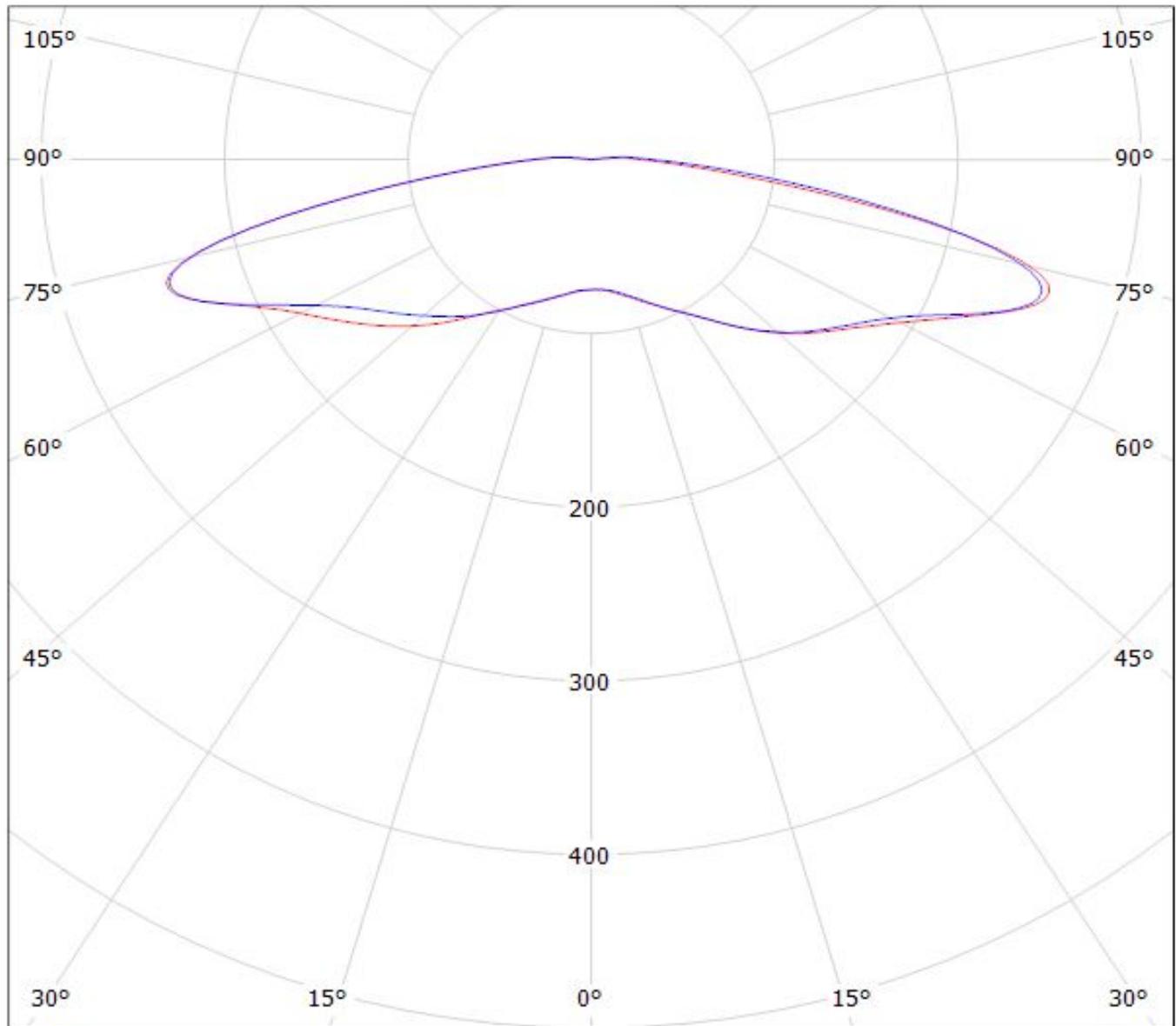
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13746_KIKI-A_(Luxeon_TX) Eff.94.9%

Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.1801lm@250mA_CCT=3500K_P=0.731482W_I=249.9mA



cd/klm

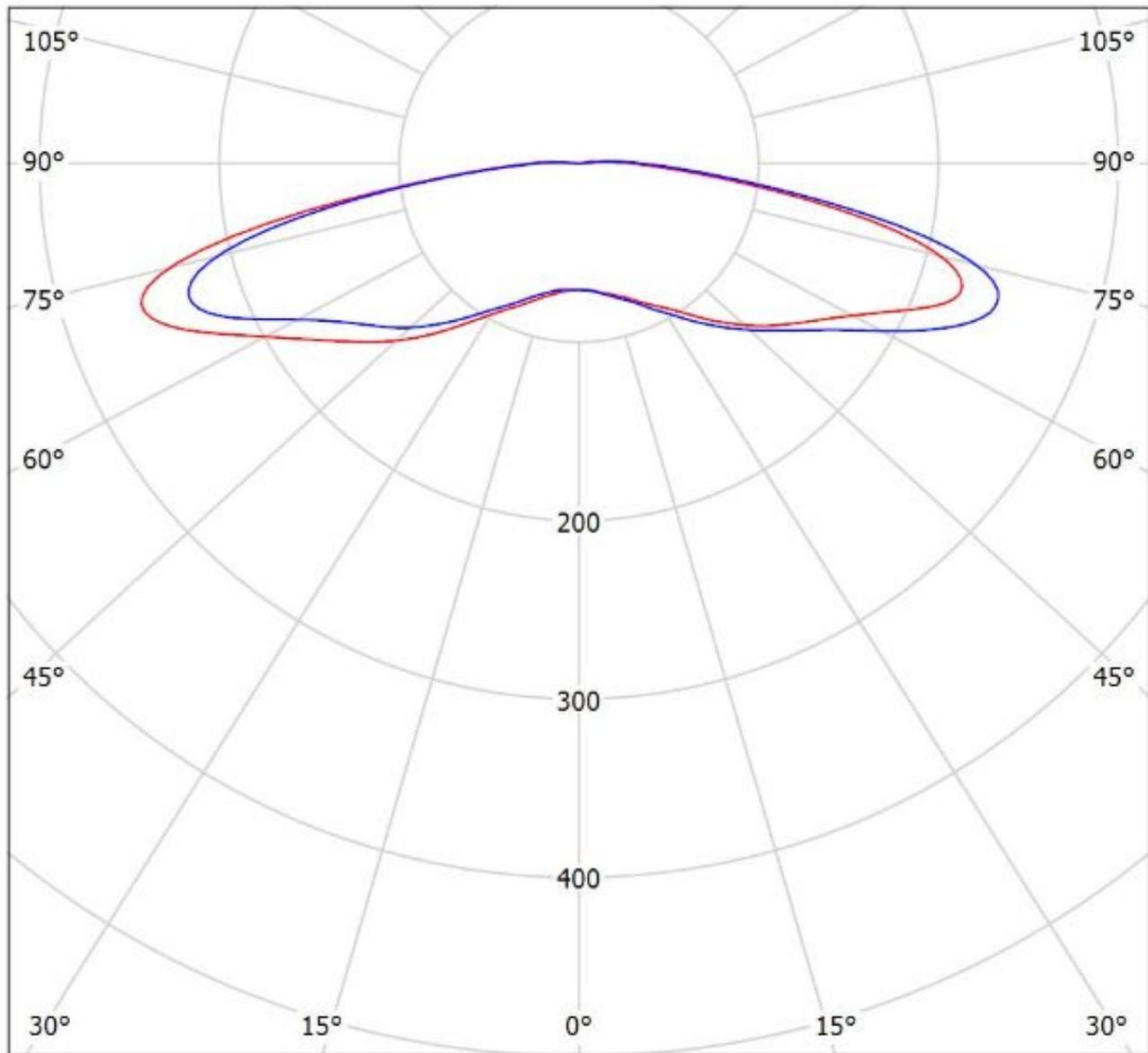
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy C13746_KIKI-A_(NVSL219CE)

Lamps: 1 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

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.