

DETAILS

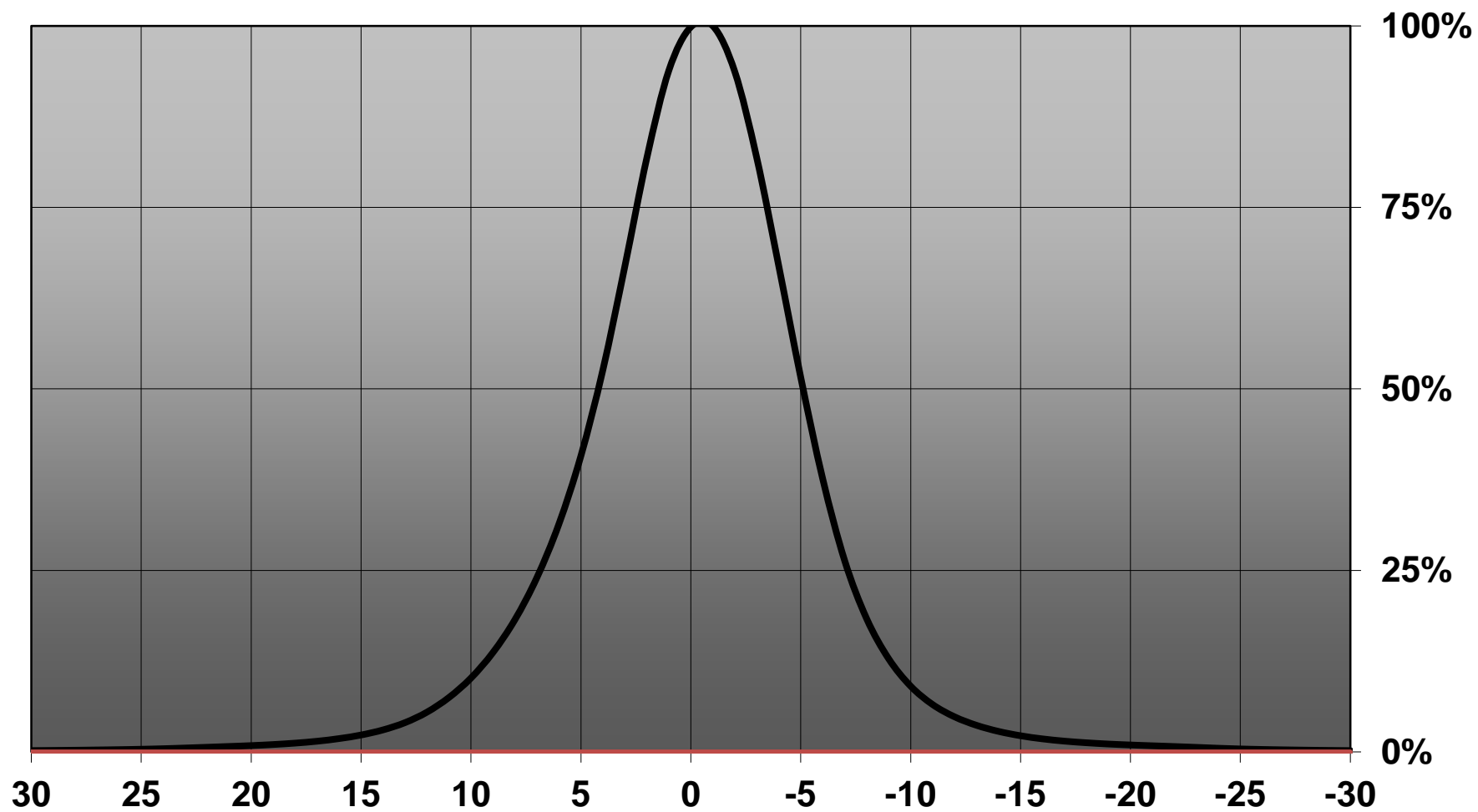
| | |
|------------------------|------------------|
| Product Number | CA11482_LXP2-D |
| Family | Leila |
| Type | Assembly |
| Color | black |
| Diameter | 21,6 mm |
| Height | 14,7 mm |
| Style | round |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | tape |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 10/04/2014 |

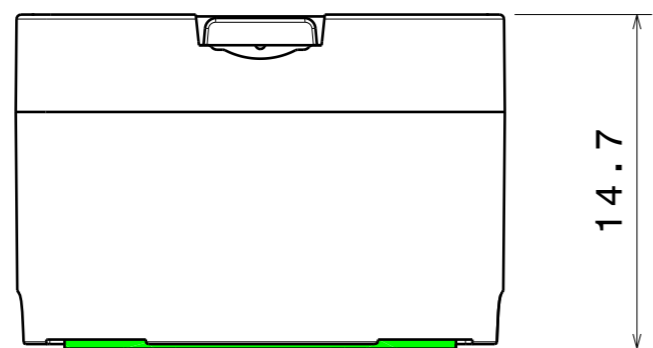


OPTICAL PROPERTIES

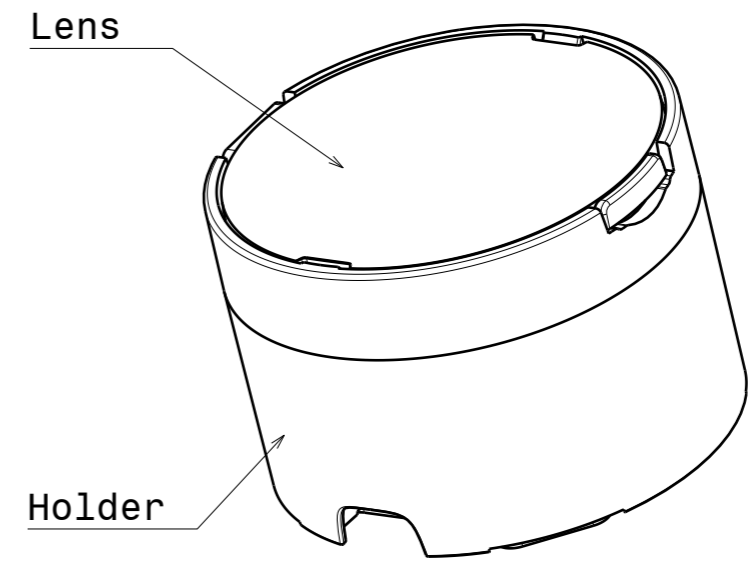
| LED | Viewing | Light | Efficiency | cd/lm | Connector |
|-----------------|---------|----------|------------|-------------|-----------|
| | Angle | Beam | | | |
| XT-E | 11 deg | Diffuser | 88 % | 8.950 | - |
| XP-E | 14 deg | Diffuser | 92 % | - | - |
| XP-G | 16 deg | Diffuser | 94 % | - | - |
| XP-G2 | 13 deg | Diffuser | 90 % | 11.000 | - |
| XP-E2 | 10 deg | Diffuser | 89 % | 21.400 | - |
| XP-L HI | 12 deg | Diffuser | 88 % | 13.000 | - |
| H35C0 (LEMWA33) | 13 deg | Diffuser | 91 % | 10.800 | - |
| H35B0 (LEMWA32) | 11 deg | Diffuser | 92 % | 15.200 | - |
| H35C1 (LEMWA33) | 14 deg | Diffuser | 88 % | 11.700 | - |
| LUXEON Q | 12 deg | Diffuser | 89 % | 11.500 | - |
| Z5M1/Z5M2 | 14 deg | Diffuser | 88 % | 12.100 | - |
| Z8Y22P | sim: 13 | Diffuser | sim: 91 % | sim: 10.790 | - |

Relative intensity of CA11482_LXP2-D-(XPE2)

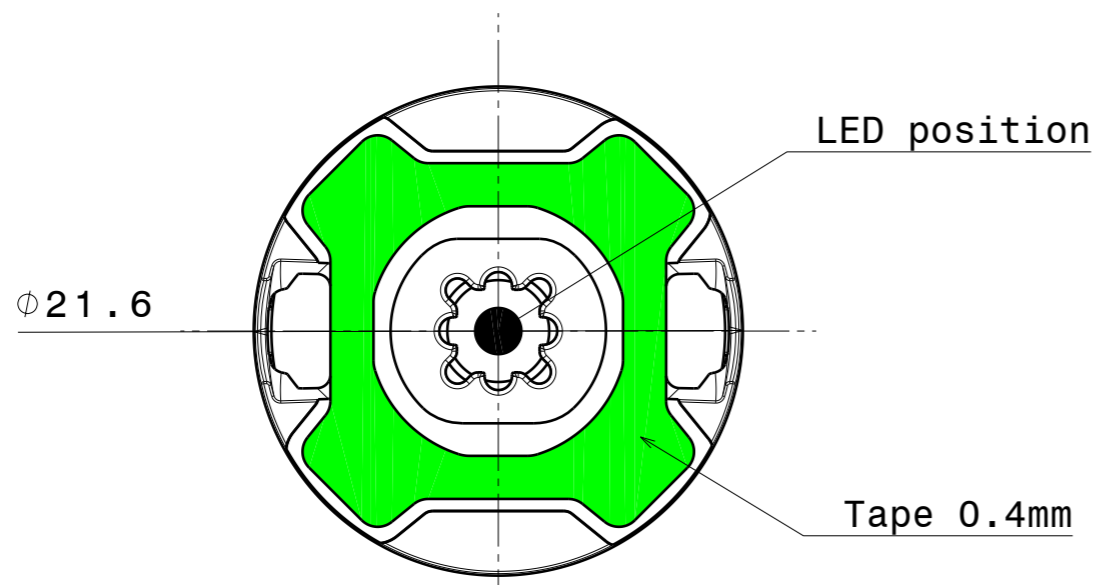




Front view
Scale: 3:1



Isometric view
Scale: 3:1



Bottom view
Scale: 3:1

| INDEX | DESCRIPTION | MATERIAL | COLOUR |
|-------|-------------|----------------------|----------|
| 1 | Lens | PMMA | |
| 2 | Holder | PC | black |
| 3 | Tape | PU 2-sided foam tape | adhesive |

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_LXP2-Series

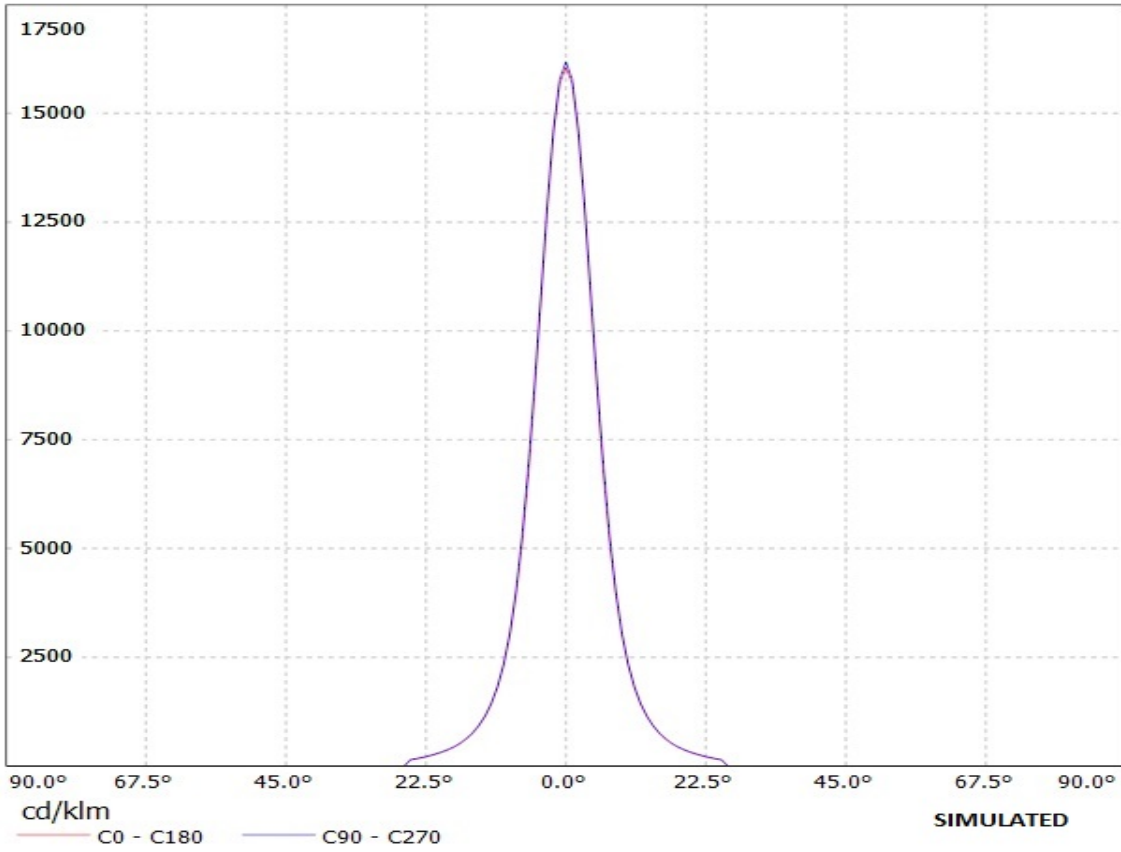
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE **A3** PART NUMBER -

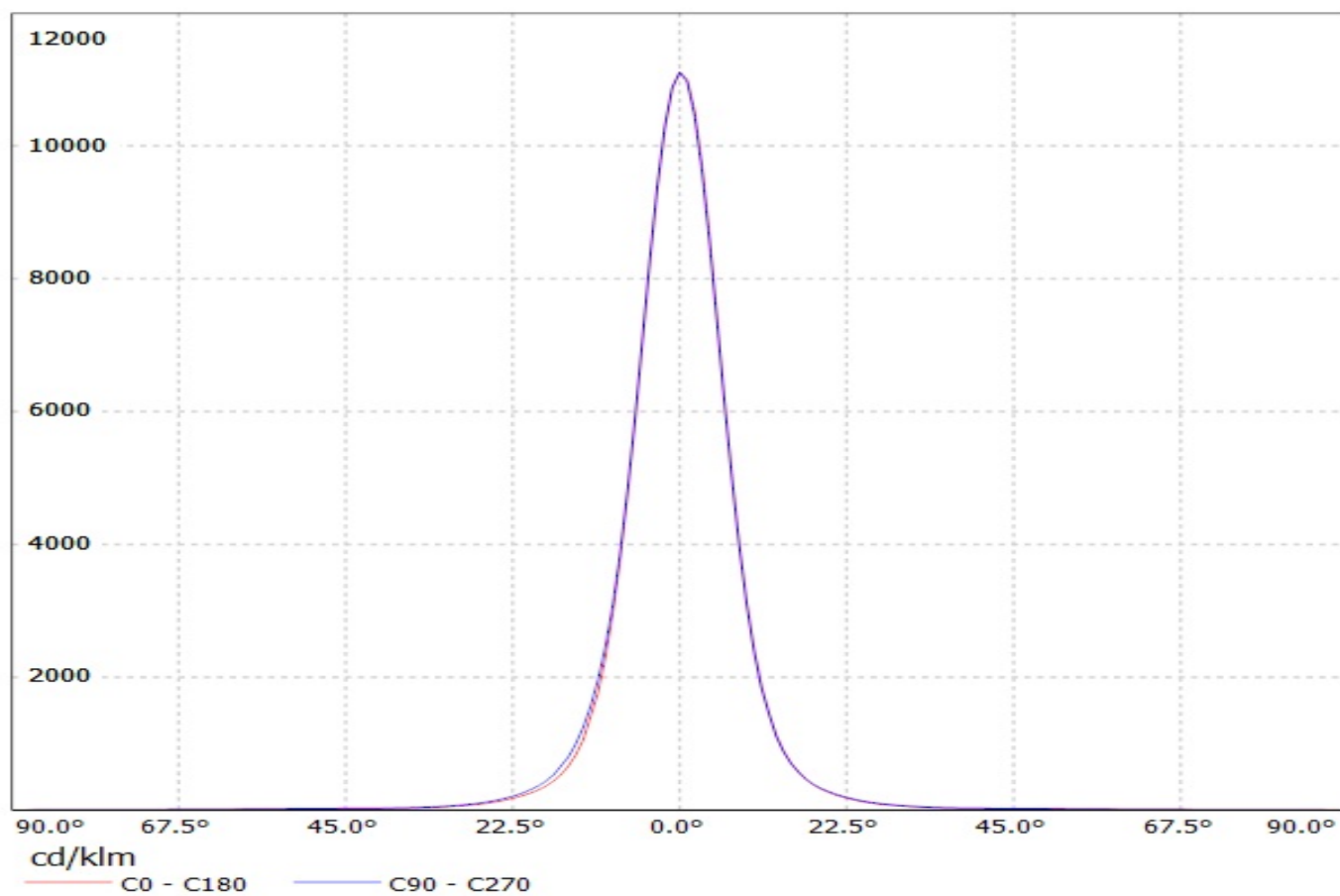
SCALE **3:1** WEIGHT - SHEET **1/1**

Ledil Oy C11411_LXP2-D C11411_LXP2-D / LDC (Linear)

Luminaire: Ledil Oy C11411_LXP2-D C11411_LXP2-D
Lamps: 1 x Cree XP-E (White)



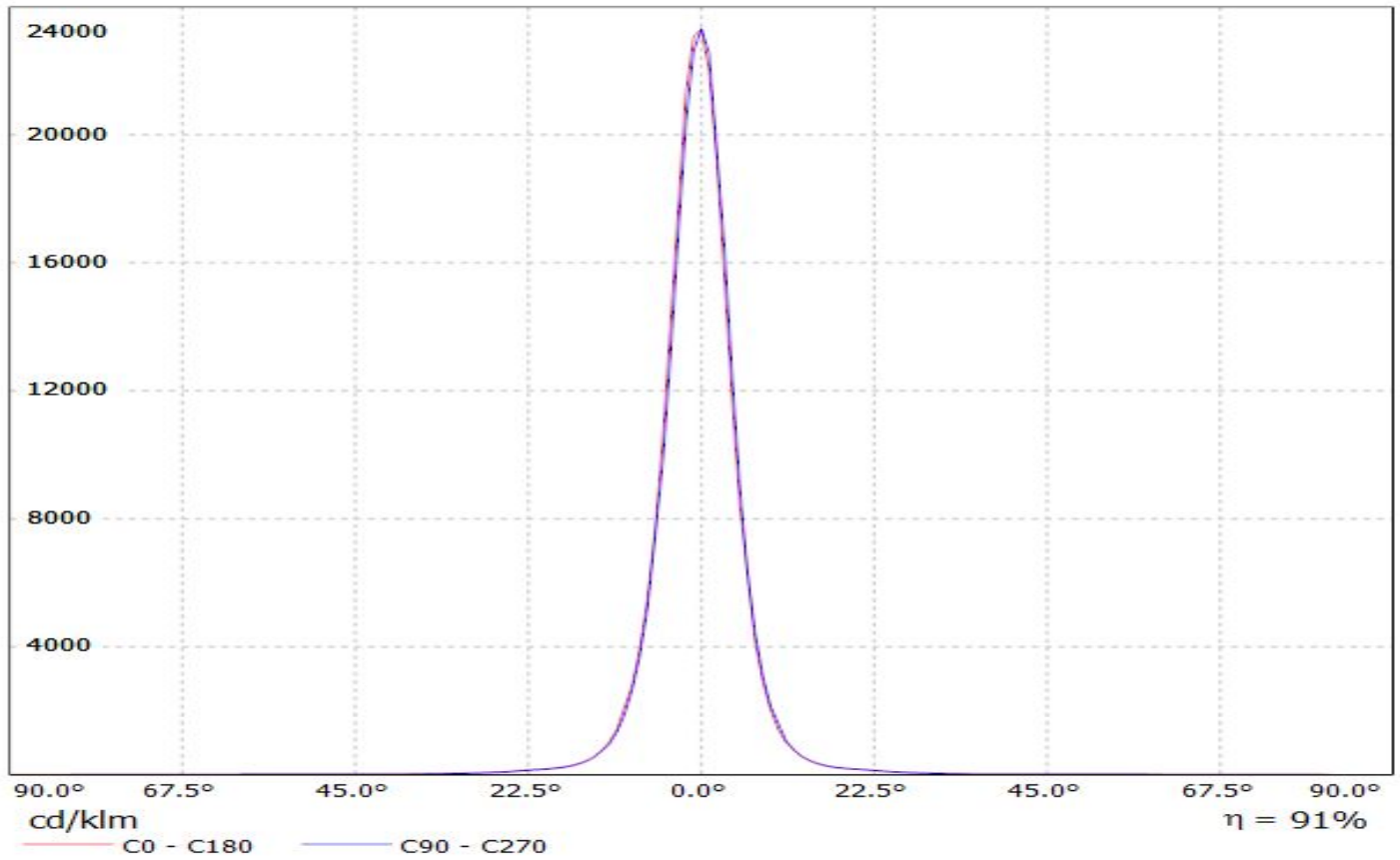
Valaisin: LEDIL OY CA11482_LXP2-D_(XP-G2) Efficiency=90%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)



LEDiL Oy CA11482 LXP2-D_(XP-E2) Eff.89.0% / LDC (Linear)

Luminaire: LEDiL Oy CA11482 LXP2-D_(XP-E2) Eff.89.0%

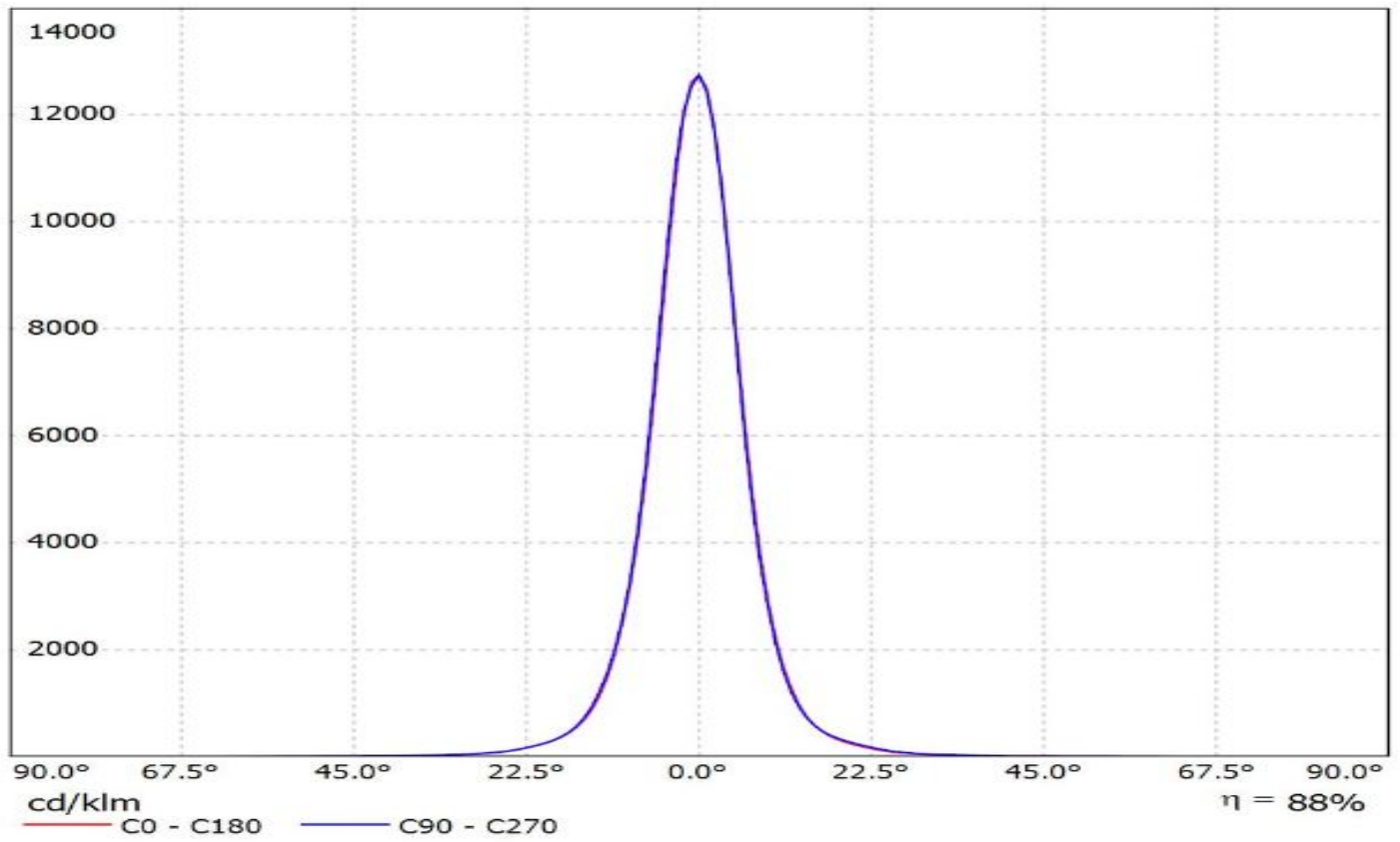
Lamps: 1 x CREE_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_83.64lm@250mA_P=0.745802W_I=249.9mA



Ledil CA11482_LXP2-D_(XP-L_HI) / LDC (Linear)

Luminaire: Ledil CA11482_LXP2-D_(XP-L_HI)

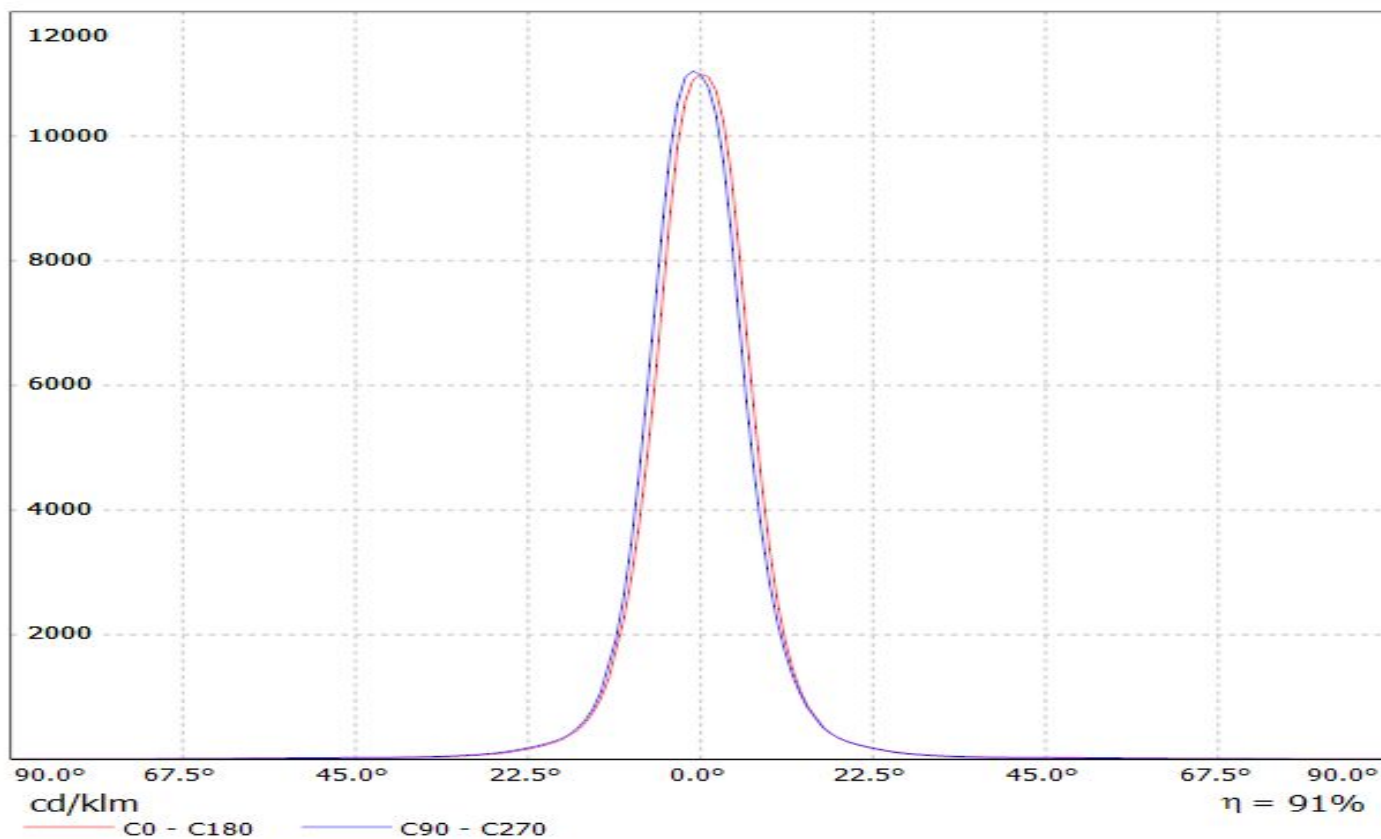
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



LEDiL Oy CA11482_LXP2-D_(3535_Ceramic)_3 Eff.90.8% / LDC (Linear)

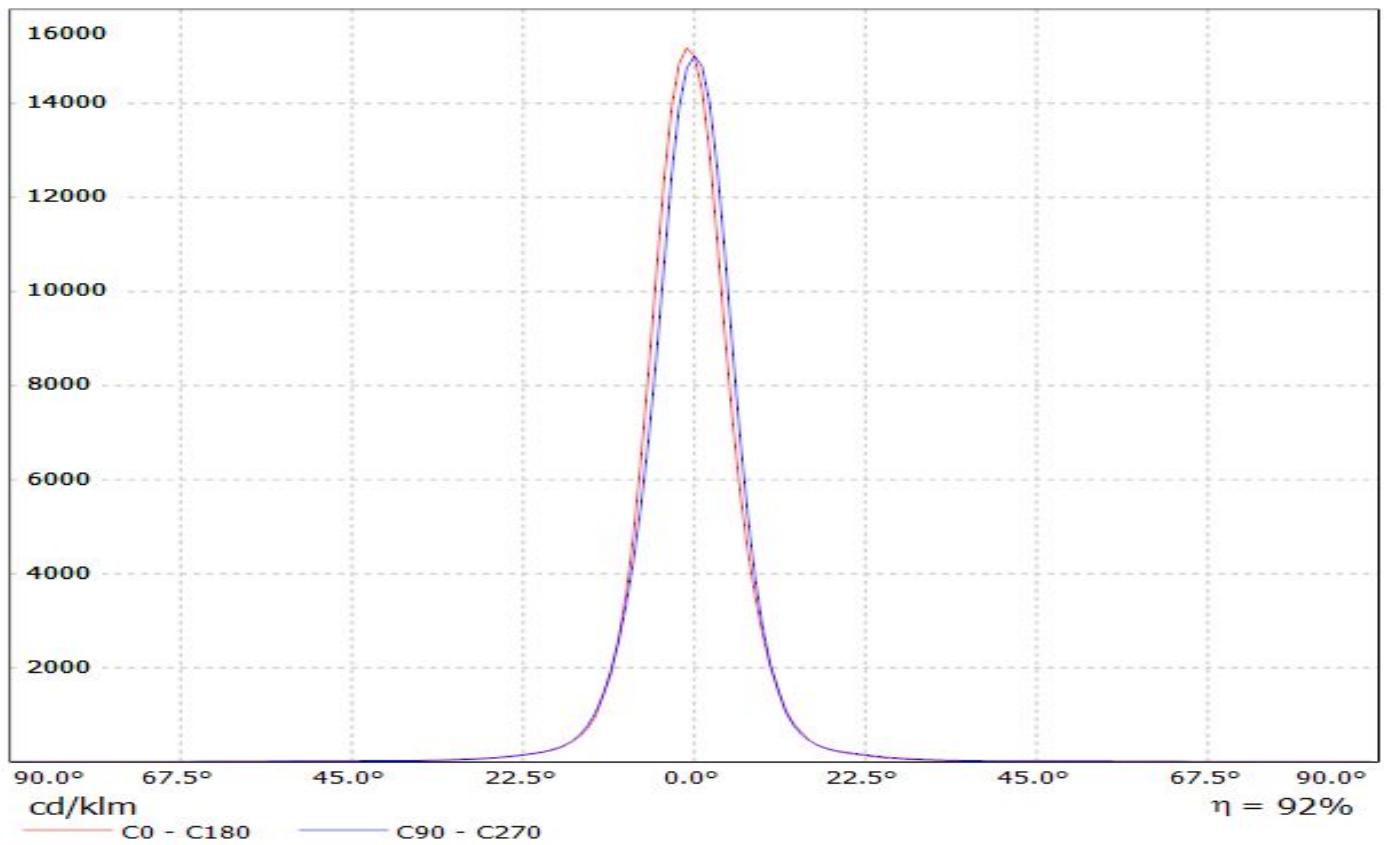
Luminaire: LEDiL Oy CA11482_LXP2-D_(3535_Ceramic)_3 Eff.90.8%

Lamps: 1 x LG 3535 Ceramic (95lm@250mA)

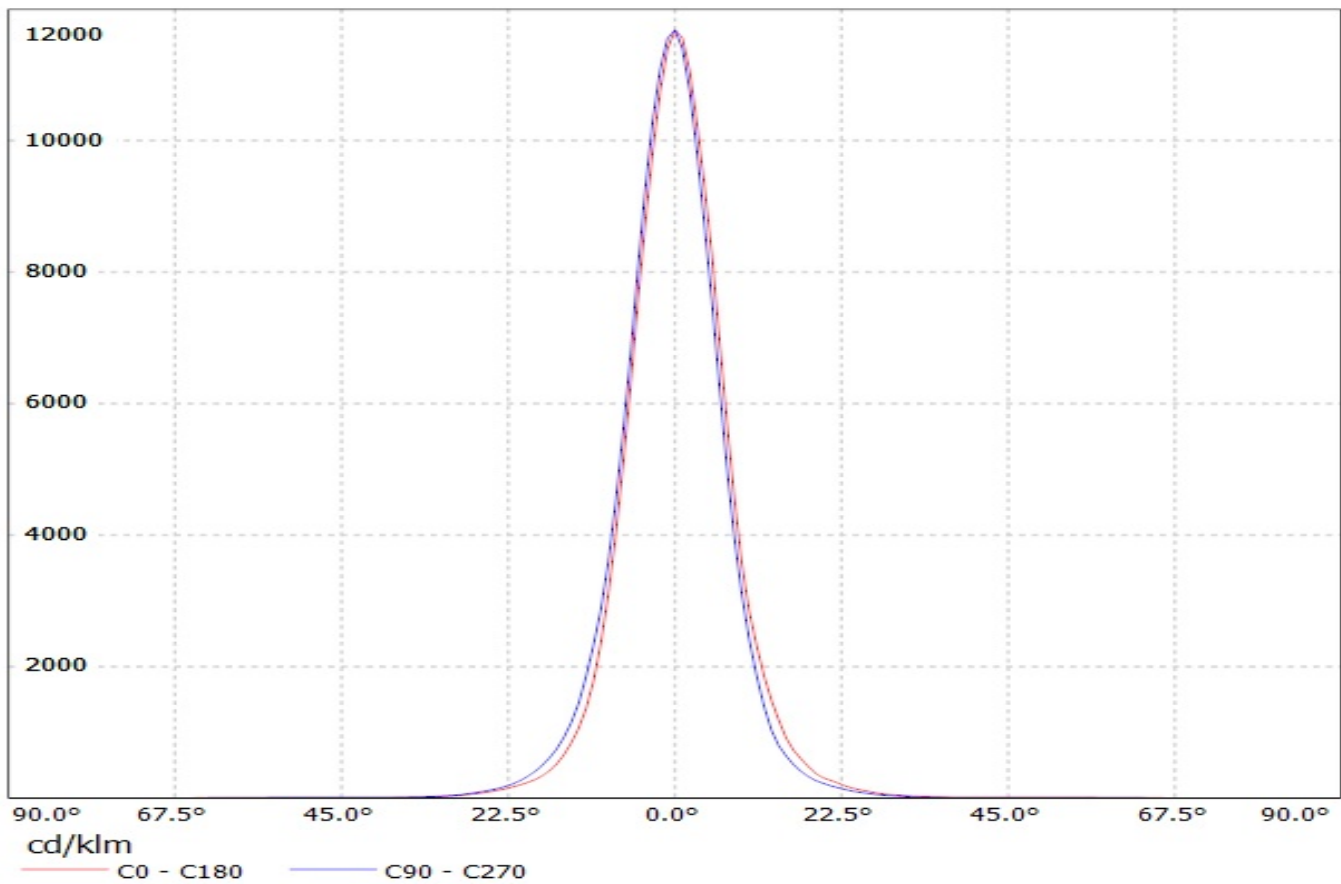


LEDiL Oy CA11482_LXP2-D_(LG3535_2W) Eff.92.4% / LDC (Linear)

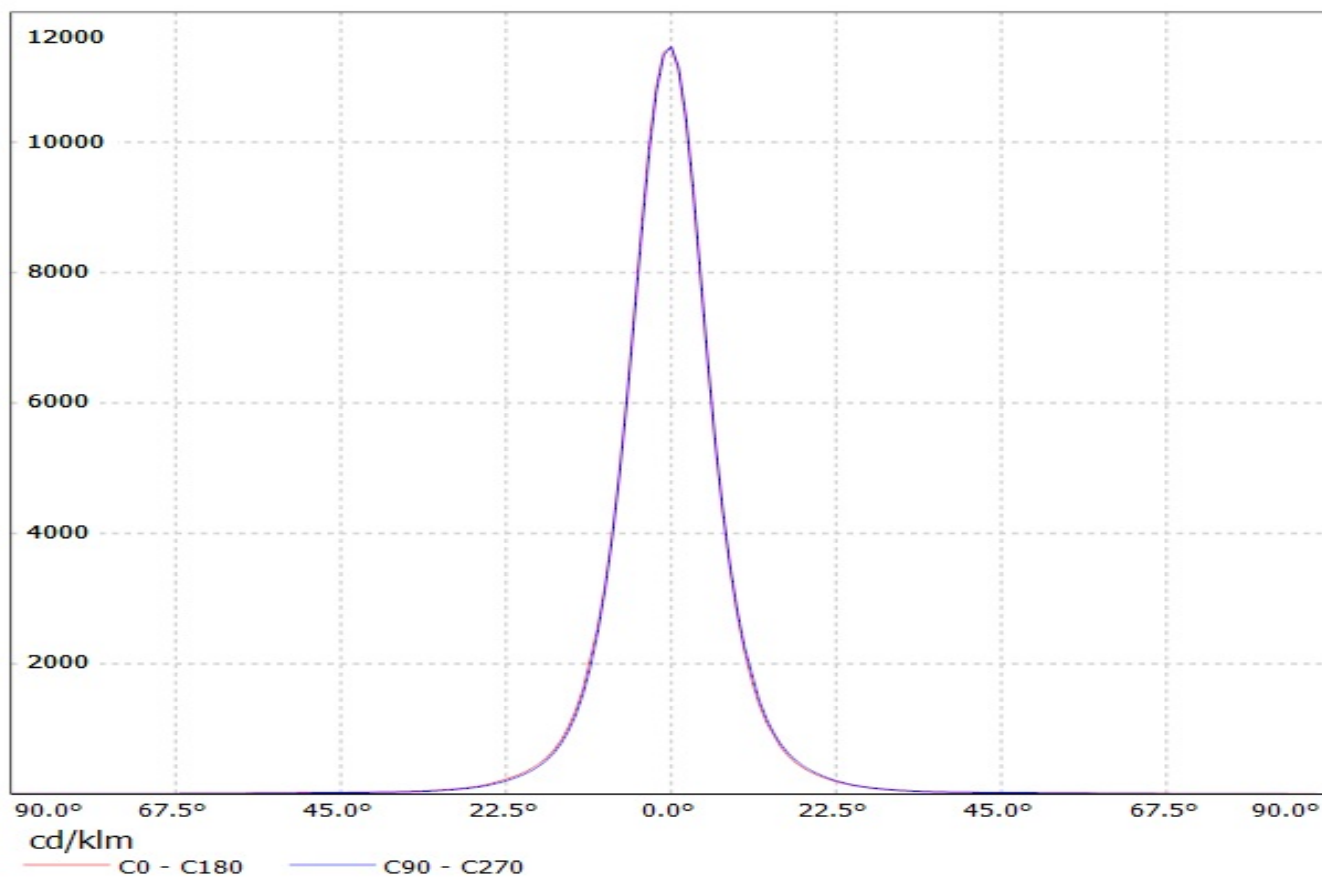
Luminaire: LEDiL Oy CA11482_LXP2-D_(LG3535_2W) Eff.92.4%
Lamps: 1 x LG3535_2W (97.2479lm@250mA)



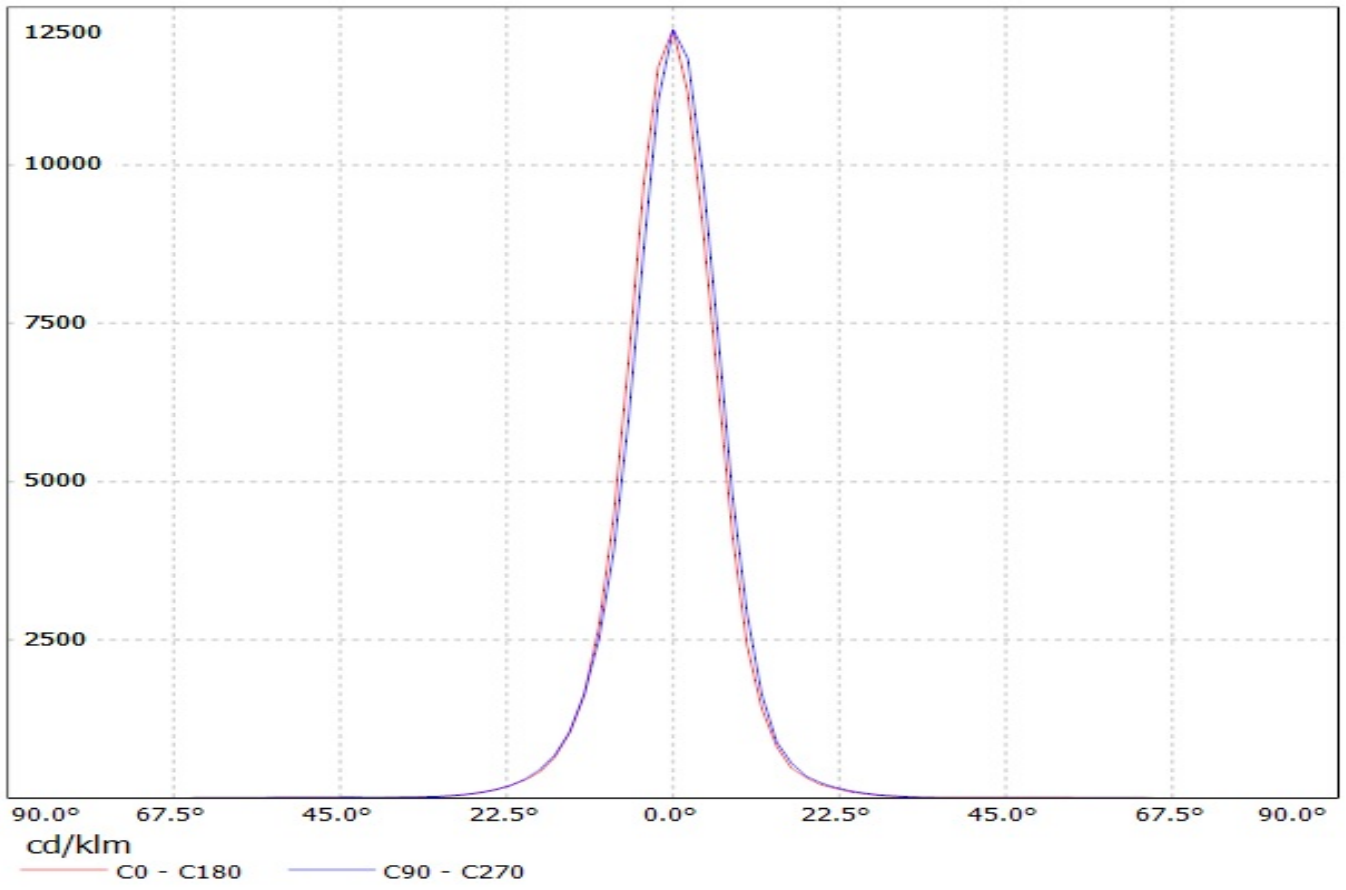
Luminaire: Ledil Oy CA11482_LXP2-D_(3535_Ceramic_gen2) Efficiency=88%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



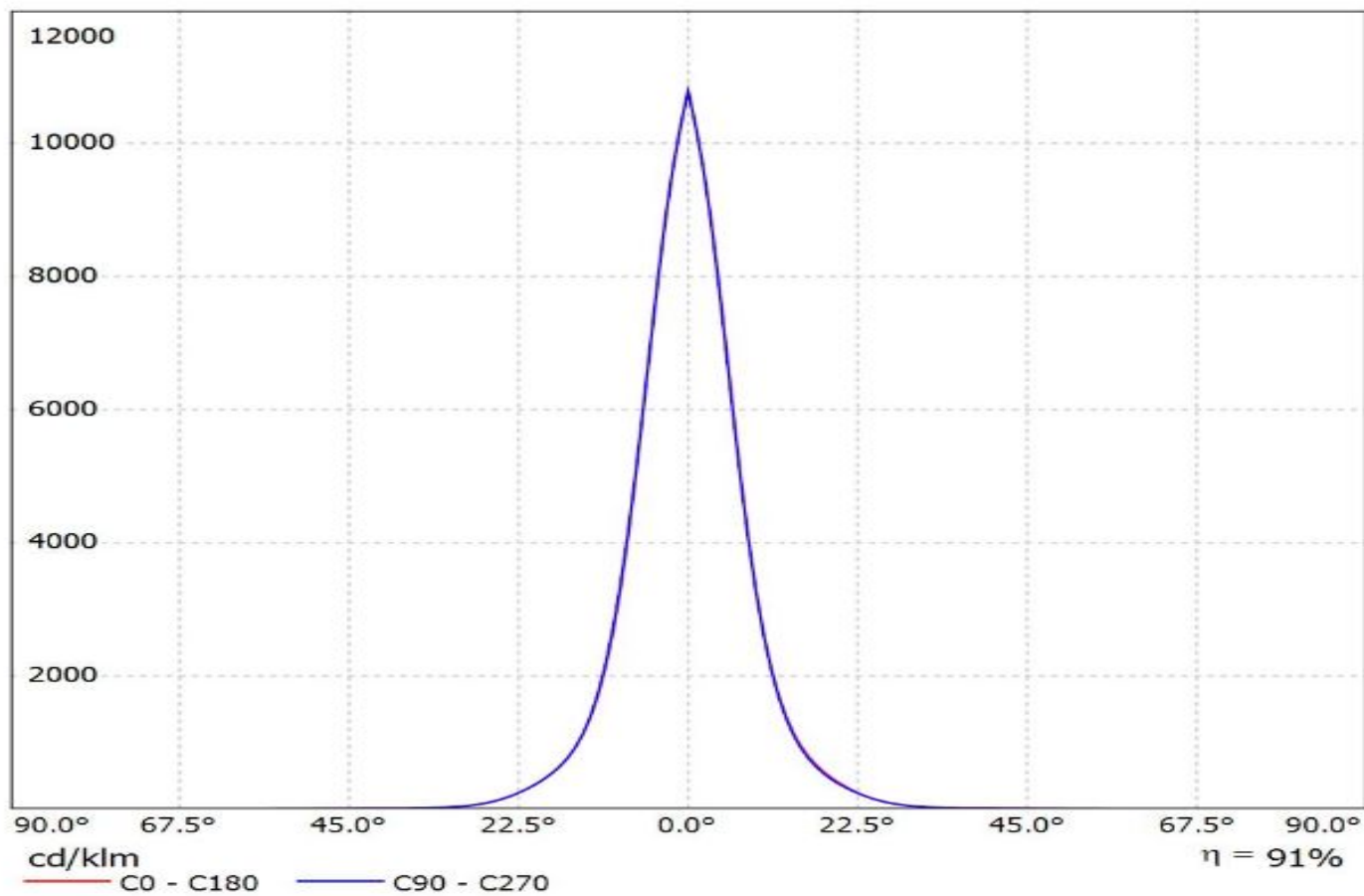
Luminaire: LEDiL Oy CA11482_LXP2-D_(LUXEON_Q) Eff.89.1%
Lamps: 1 x LUXEON_Q_(LHQ-3080)_75.993lm@250mA_P=0.752849W_I=249.9mA



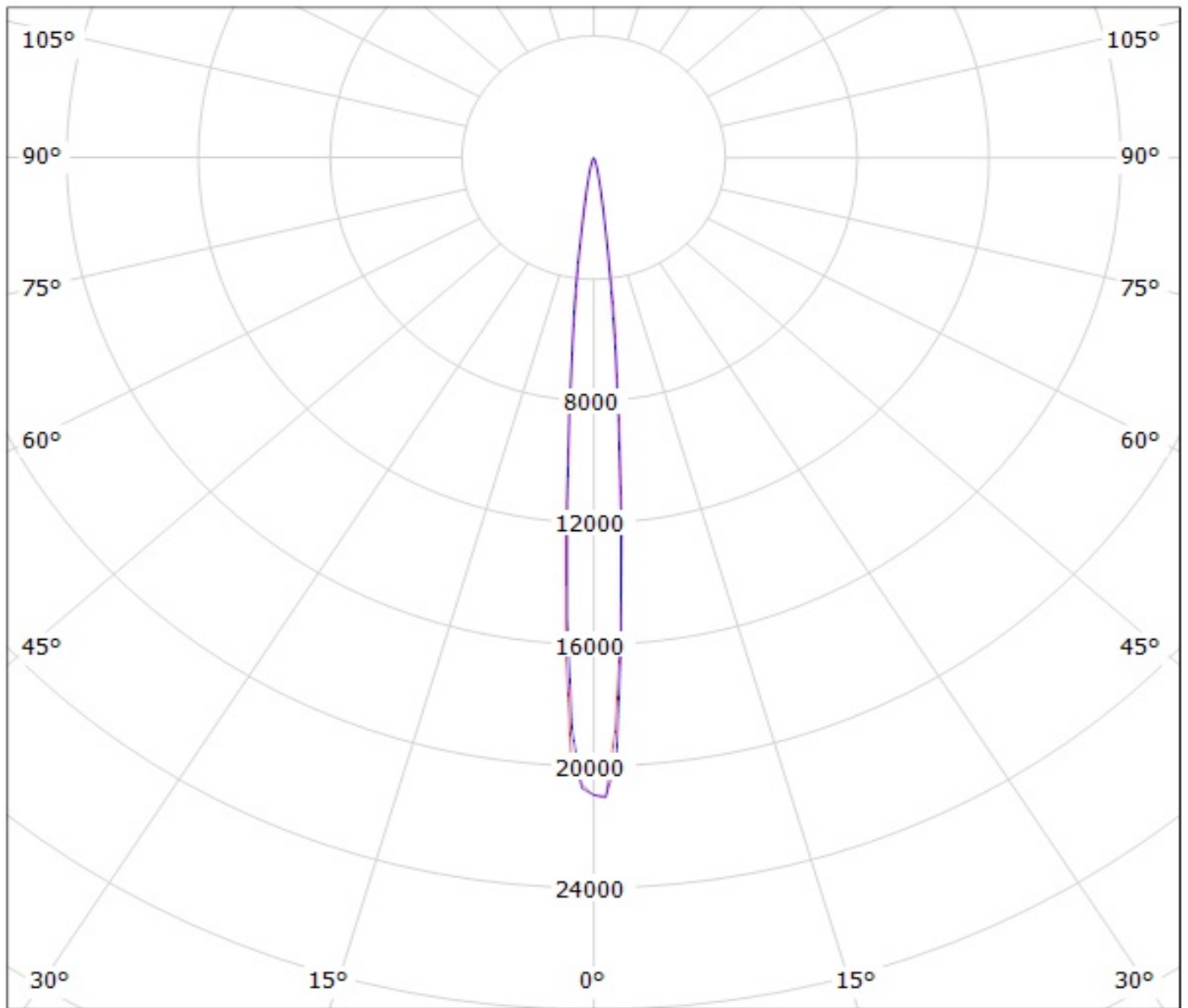
Luminaire: LEDil Oy CA11482_LXP2-D_(Z5M1) Efficiency=88%
Lamps: 1 x Seoul Z5M1 (SZ5M1-W0-C8/W1-A5-G) 108lm @ 250mA CCT=9100K P=0.8W I=250mA



Luminaire: Ledil Oy CA11482_LXP2-D_SEOUL_Z8Y22+_SIMULATED
Lamps: 1 x SEOUL Z8Y22 Plus



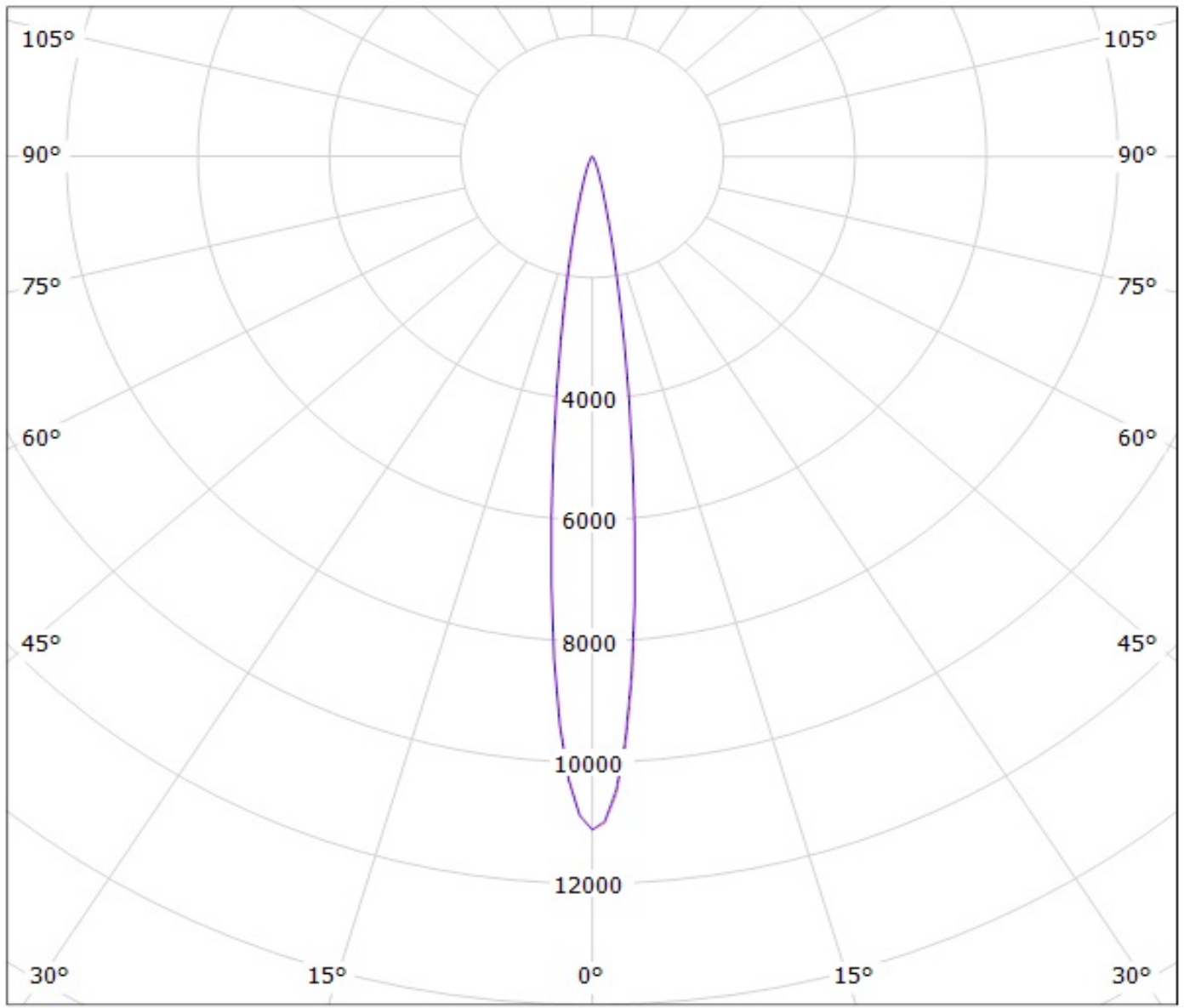
Luminaire: Ledil Oy CA12584_LXB2-RS2 Efficiency=85%
Lamps: 1 x Cree XB-D warm (84lm @ 250mA)



cd/klm

— C0 - C180 — C90 - C270

Valaisin: LEDIL OY CA11482_LXP2-D_(XP-G2) Efficiency=90%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)



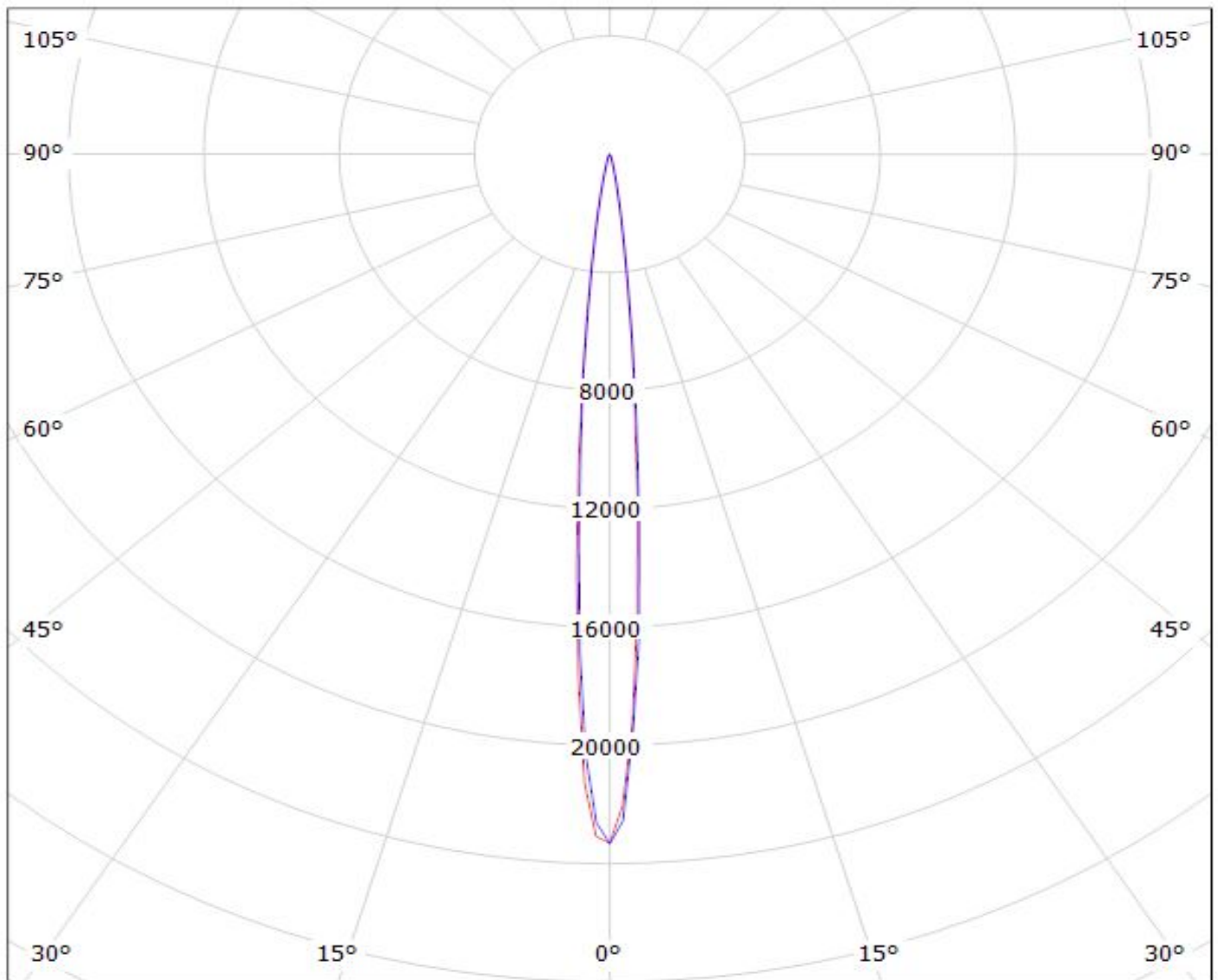
cd/klm

— C0 - C180 — C90 - C270

LEDiL Oy CA11482 LXP2-D_(XP-E2) Eff.89.0% / LDC (Polar)

Luminaire: LEDiL Oy CA11482 LXP2-D_(XP-E2) Eff.89.0%

Lamps: 1 x CREE_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_83.64lm@250mA_P=0.745802W_I=249.9mA



cd/klm

$\eta = 91\%$

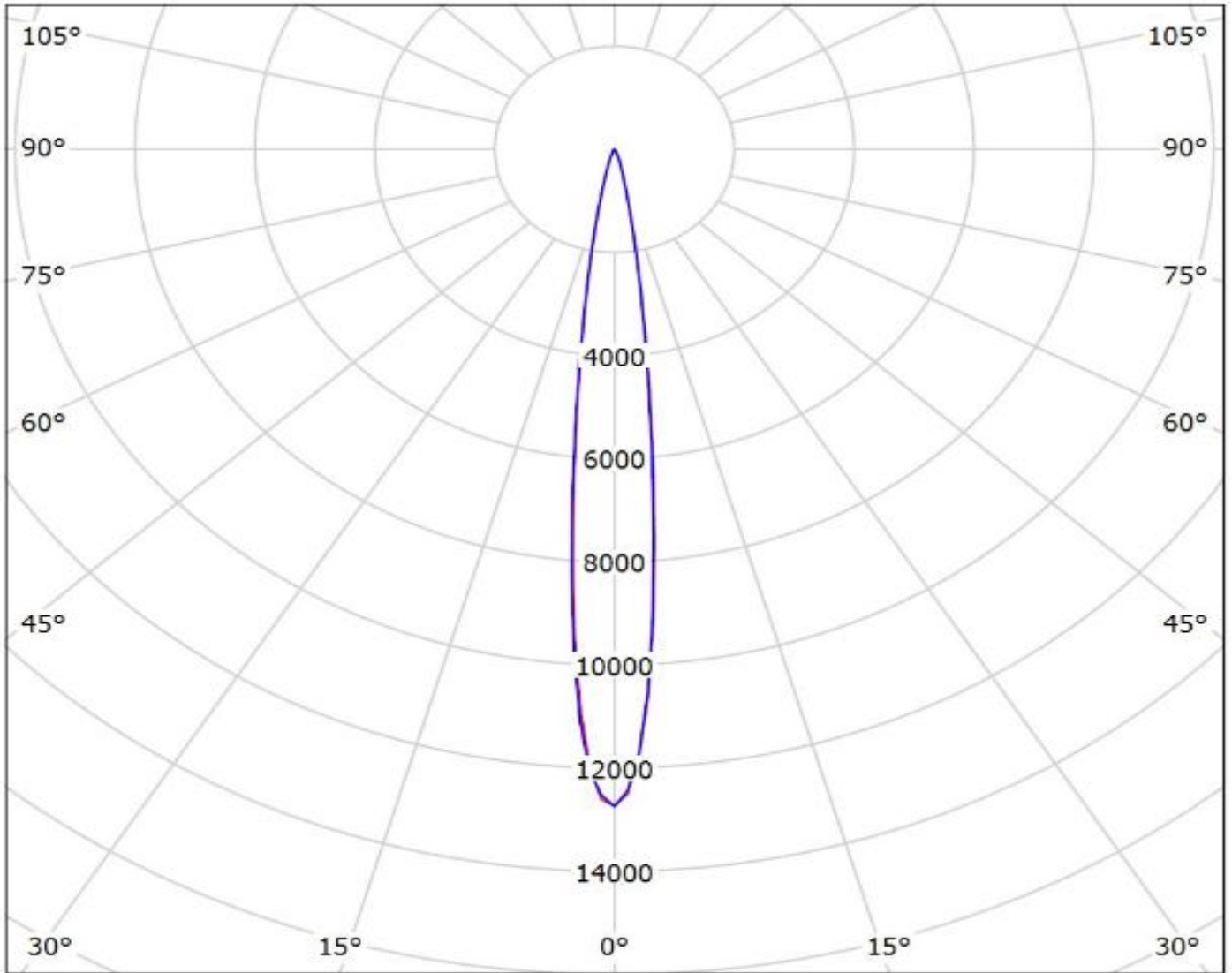
— C0 - C180

— C90 - C270

Ledil CA11482_LXP2-D_(XP-L_HI) / LDC (Polar)

Luminaire: Ledil CA11482_LXP2-D_(XP-L_HI)

Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



cd/klm

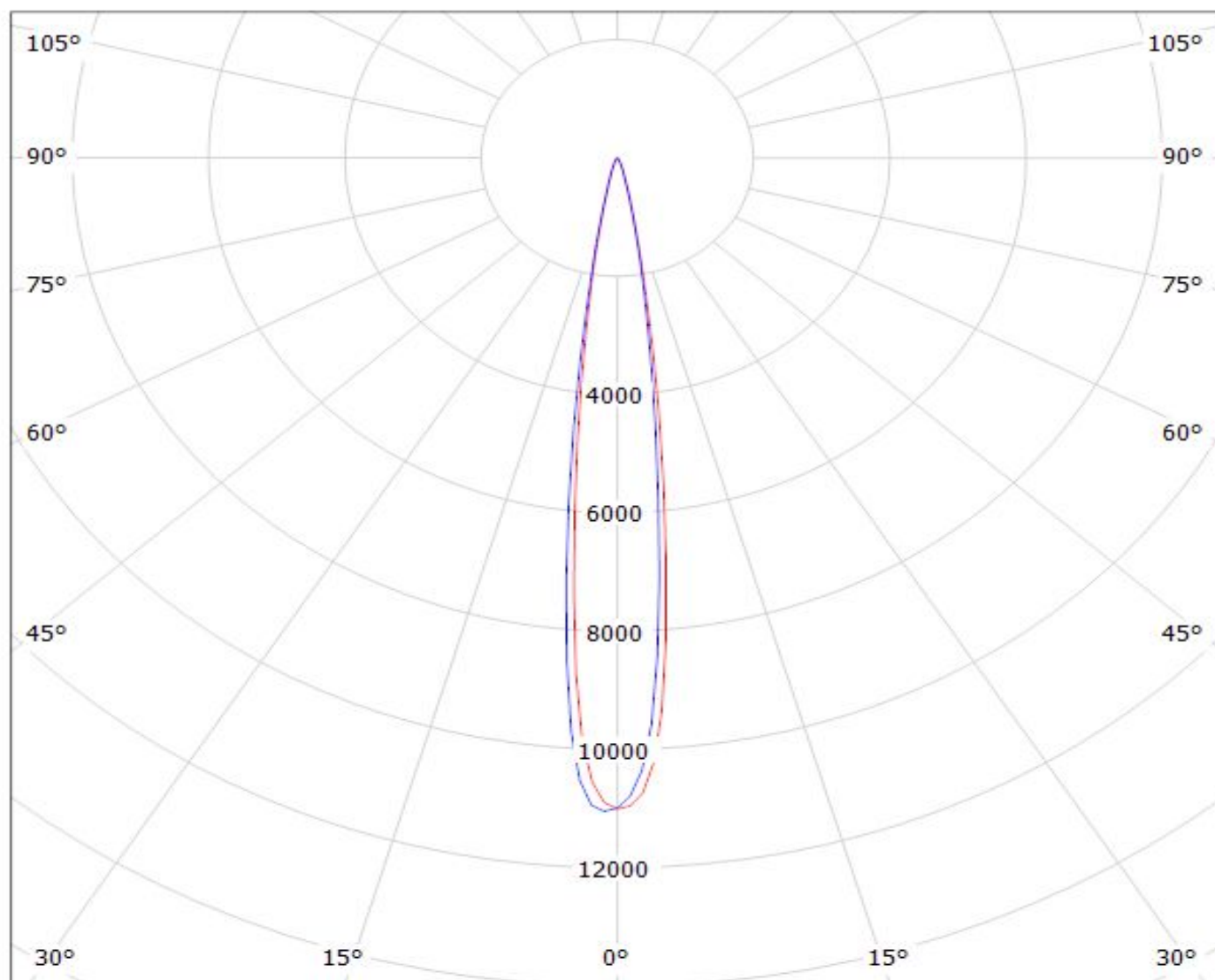
— C0 - C180 — C90 - C270

$\eta = 88\%$

LEDiL Oy CA11482_LXP2-D_(3535_Ceramic)_3 Eff.90.8% / LDC (Polar)

Luminaire: LEDiL Oy CA11482_LXP2-D_(3535_Ceramic)_3 Eff.90.8%

Lamps: 1 x LG 3535 Ceramic (95lm@250mA)



cd/klm

— C0 - C180

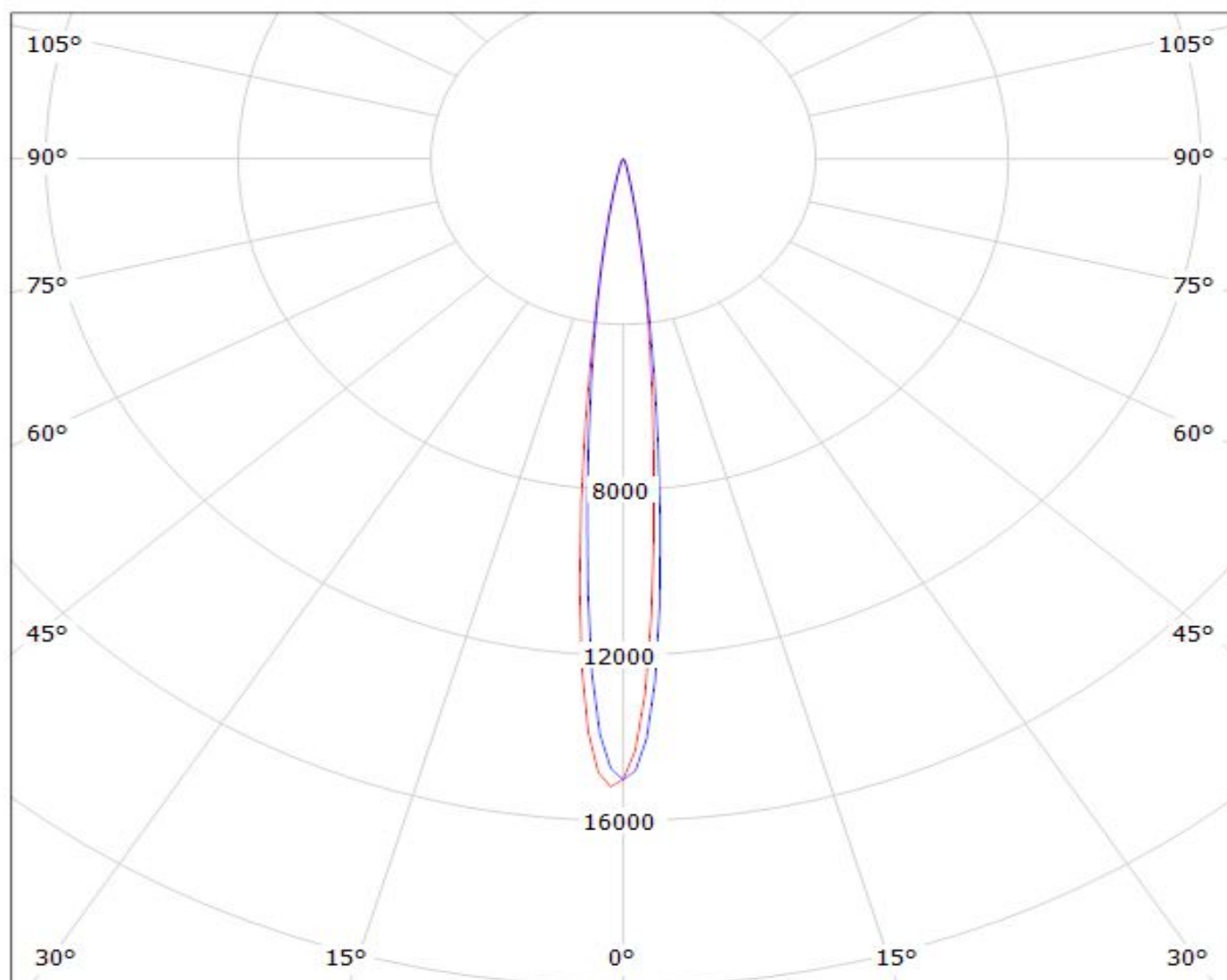
— C90 - C270

$\eta = 91\%$

LEDiL Oy CA11482_LXP2-D_(LG3535_2W) Eff.92.4% / LDC (Polar)

Luminaire: LEDiL Oy CA11482_LXP2-D_(LG3535_2W) Eff.92.4%

Lamps: 1 x LG3535_2W (97.2479lm@250mA)



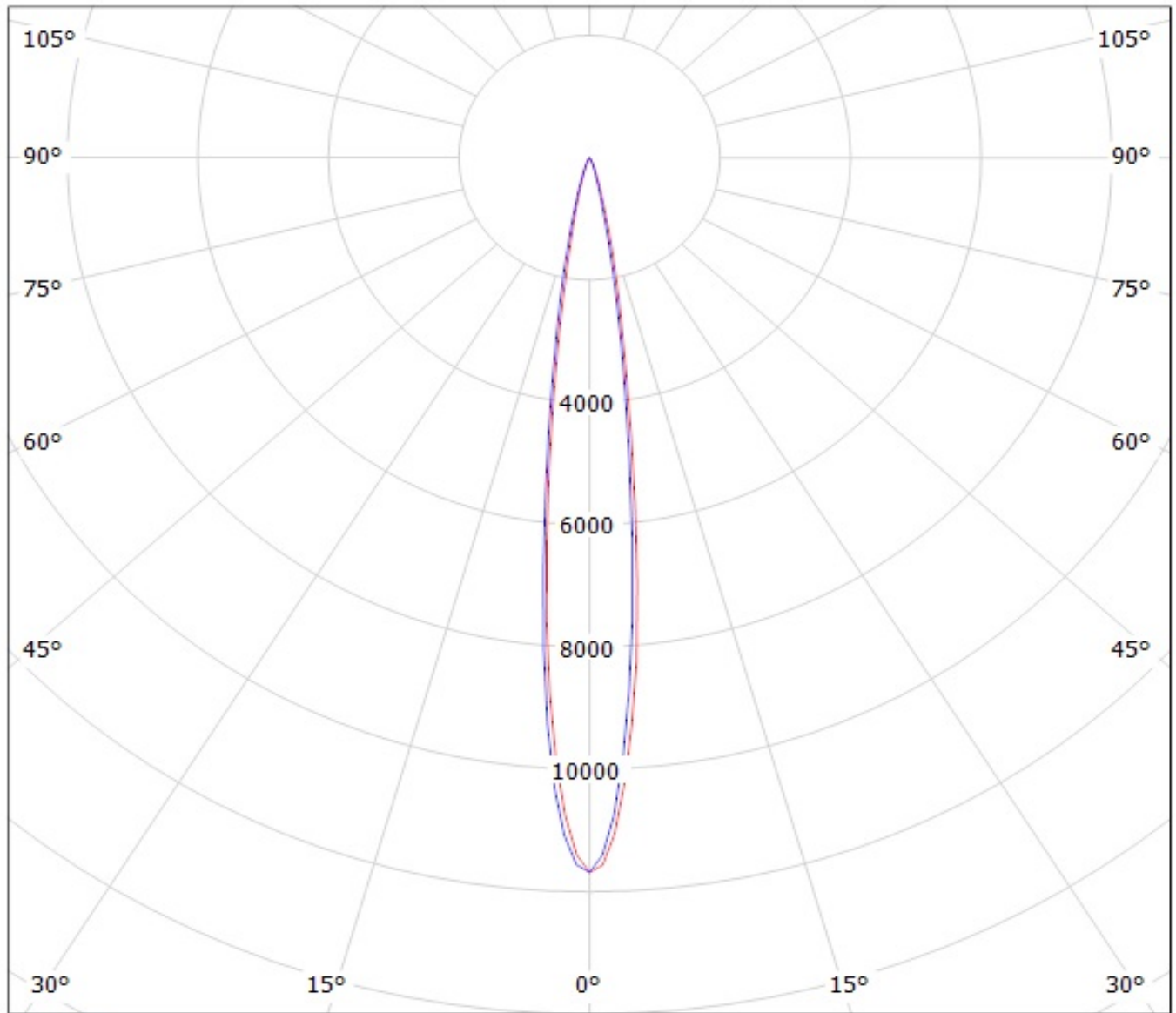
cd/klm

— C0 - C180

— C90 - C270

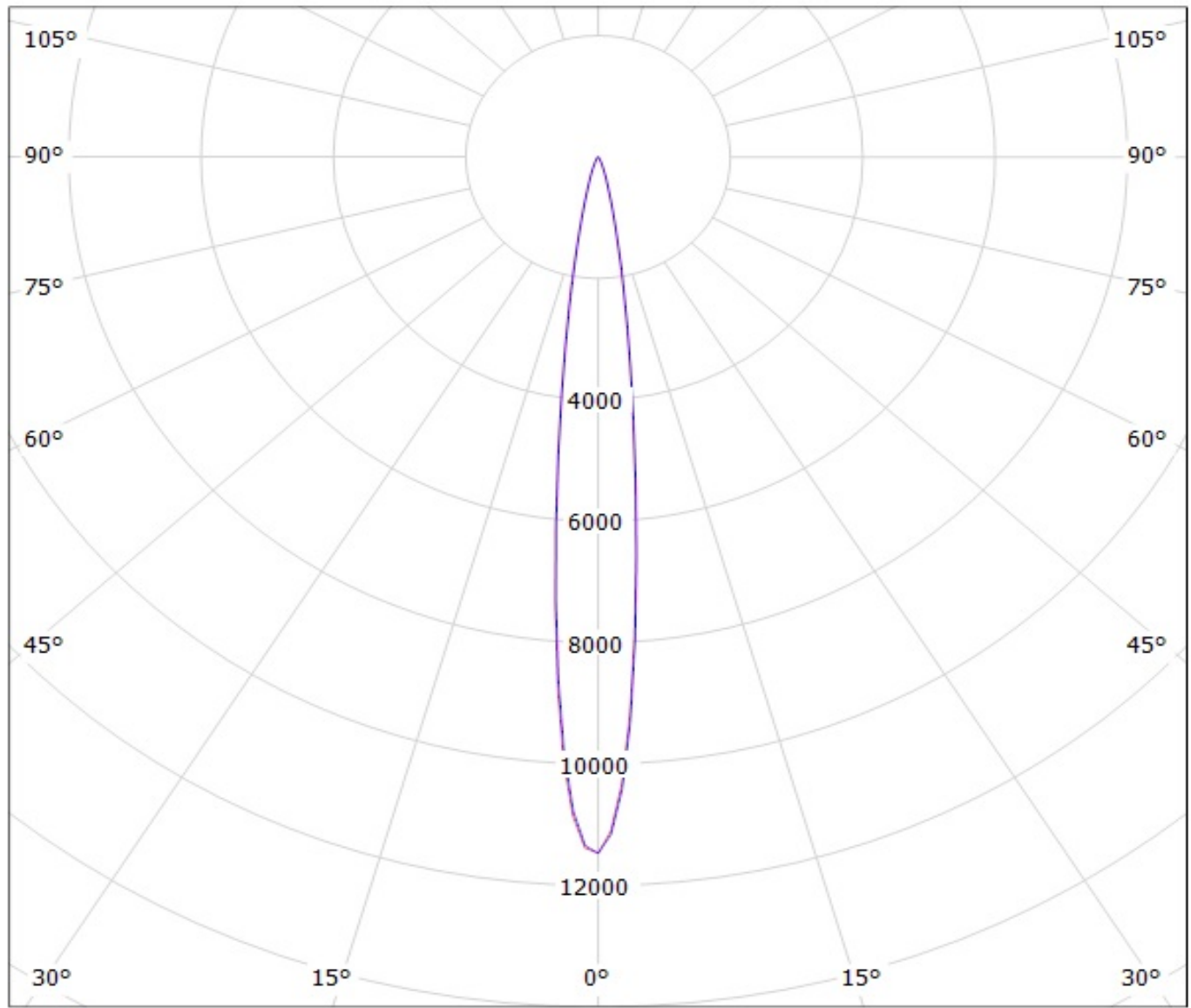
$\eta = 92\%$

Luminaire: Ledil Oy CA11482_LXP2-D_(3535_Ceramic_gen2) Efficiency=88%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



cd/klm
— C0 - C180 — C90 - C270

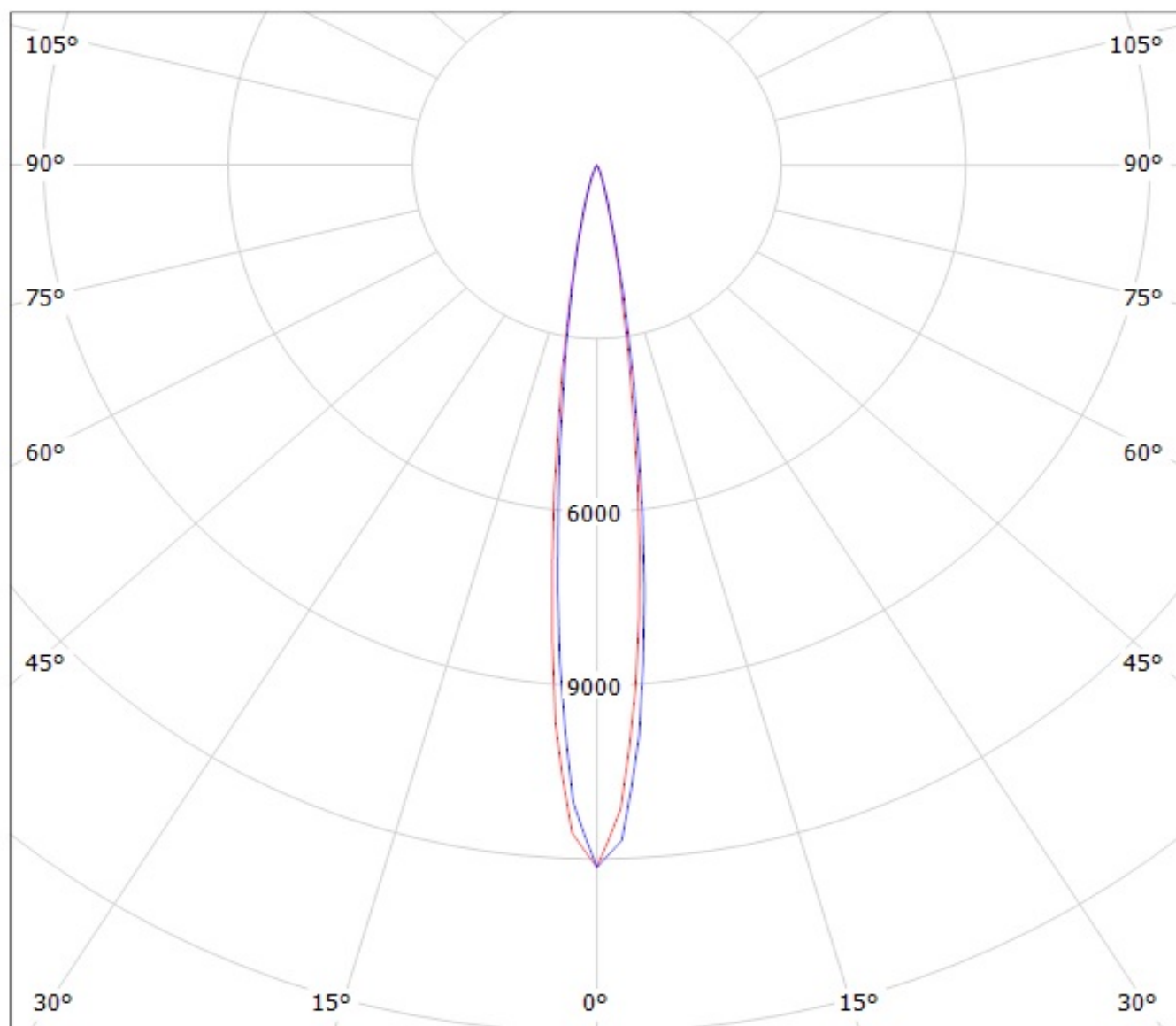
Luminaire: LEDiL Oy CA11482_LXP2-D_(LUXEON_Q) Eff.89.1%
Lamps: 1 x LUXEON_Q_(LHQ-3080)_75.993lm@250mA_P=0.752849W_I=249.9mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDil Oy CA11482_LXP2-D_(Z5M1) Efficiency=88%

Lamps: 1 x Seoul Z5M1 (SZ5M1-W0-C8/W1-A5-G) 108lm @ 250mA CCT=9100K P=0.8W I=250mA

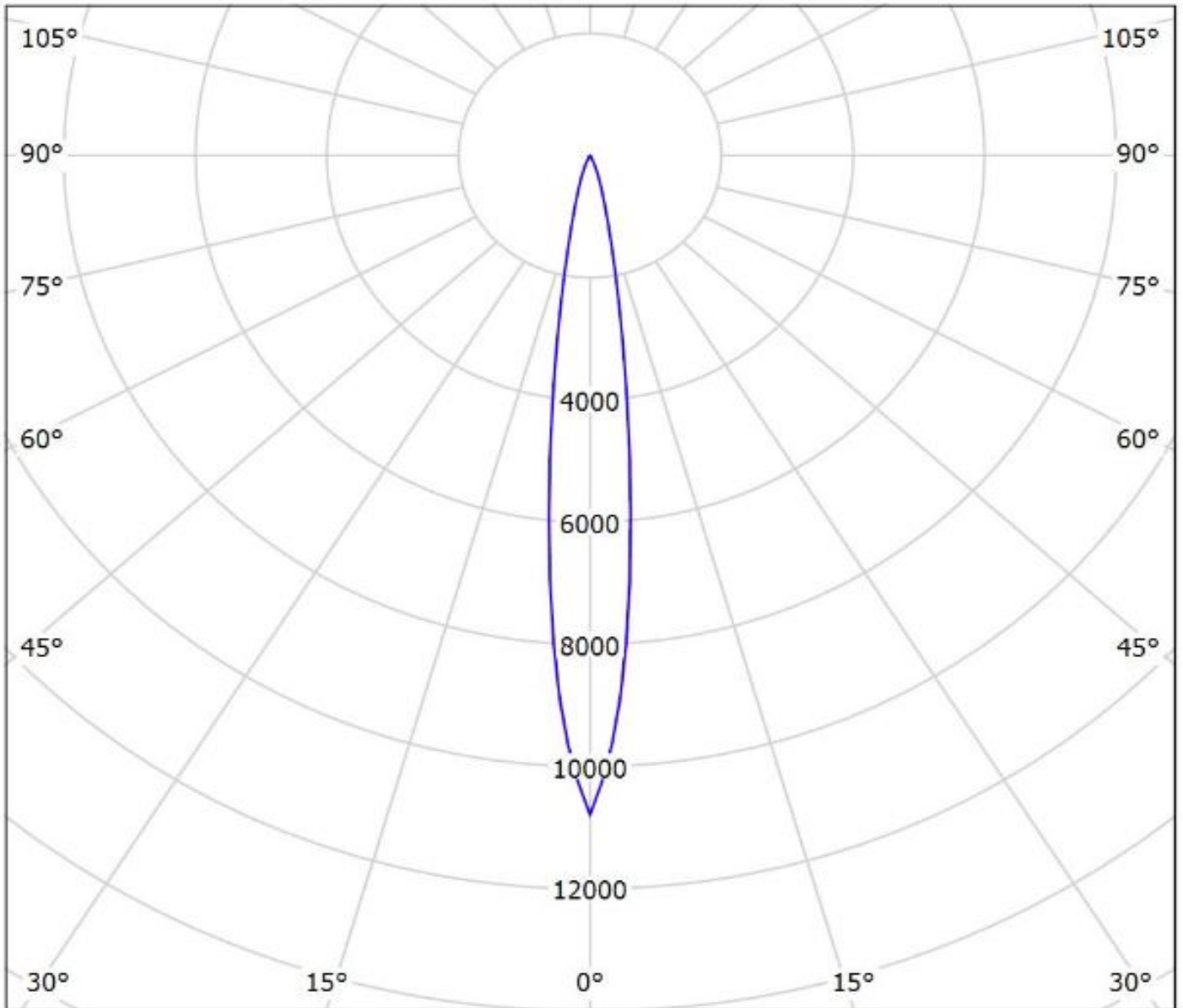


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA11482_LXP2-D_SEOUL_Z8Y22+_SIMULATED
Lamps: 1 x SEOUL Z8Y22 Plus



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.