

DETAILS

| | |
|------------------------|---------------------|
| Product Number | FCN13691_ANGELINA-S |
| Family | ANGELINA |
| Type | RefPack |
| Color | metal |
| Diameter | 82 mm |
| Height | 36,04 mm |
| Style | round |
| Optic Material | |
| Holder Material | |
| Fastening | |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 3/11/2016 |



OPTICAL PROPERTIES

| LED | Viewing | Light | Effi- | | Connector |
|-----------------|---------|-------|-----------|------------|--------------------------|
| | Angle | Beam | ciency | cd/lm | |
| VERO29 | 39 deg | Spot | 90 % | 1.200 | LEDiL: LEDiL |
| V10 Gen7 | sim: 17 | Spot | sim: 94 % | sim: 4.230 | Bender Wirth: 434 Typ L1 |
| CLL04x/CLU04x | 29 deg | Spot | 93 % | 1.700 | Bender Wirth: 431 Typ L3 |
| LUXEON CoB 1211 | 26 deg | Spot | 94 % | 1.900 | Bender Wirth: 431 Typ L3 |
| Soleriq S19 | 23 deg | Spot | 92 % | 2.100 | Bender Wirth: 462 Typ L3 |
| MJT COB LES 22 | 30 deg | Spot | 91 % | 1.500 | Bender Wirth: 431 Typ L3 |

H G F E D C B A

4

3

2

1

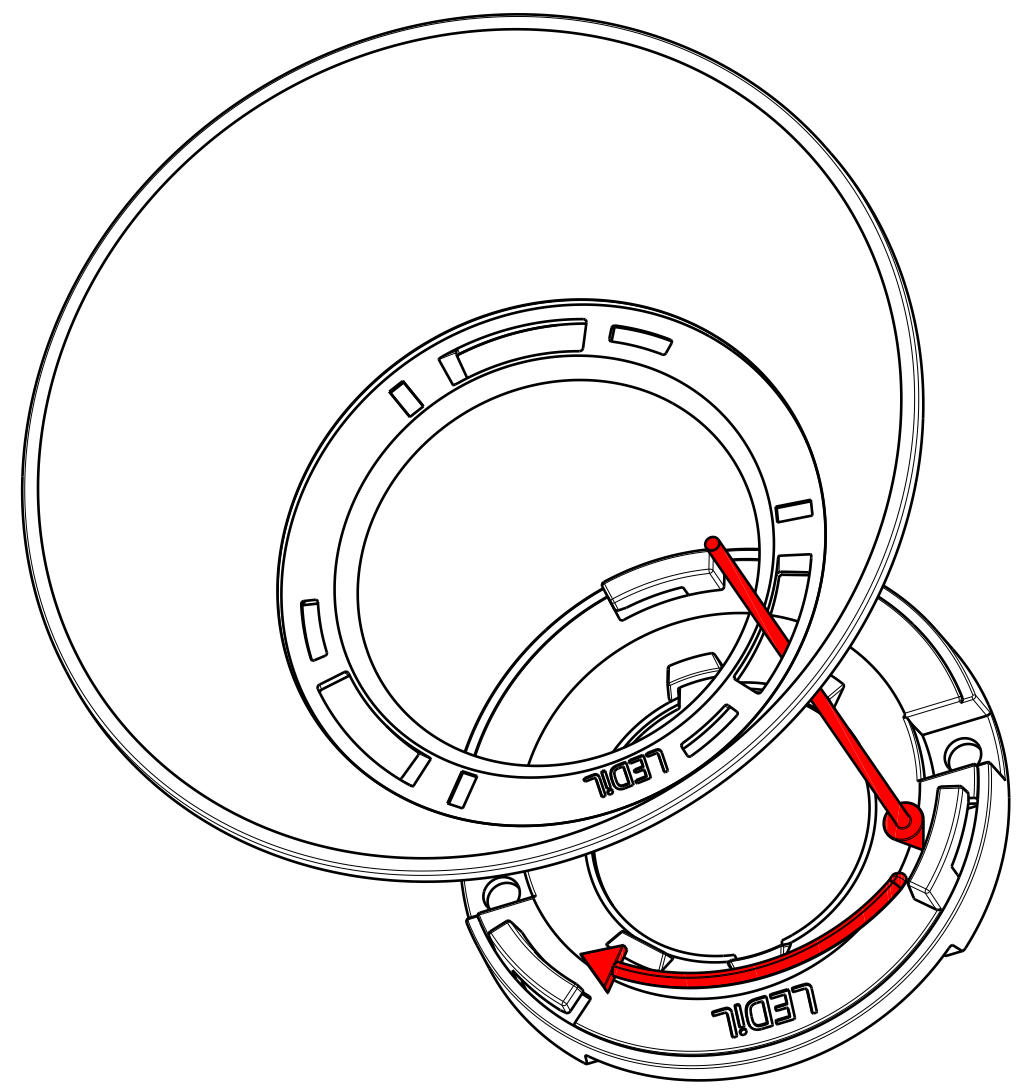
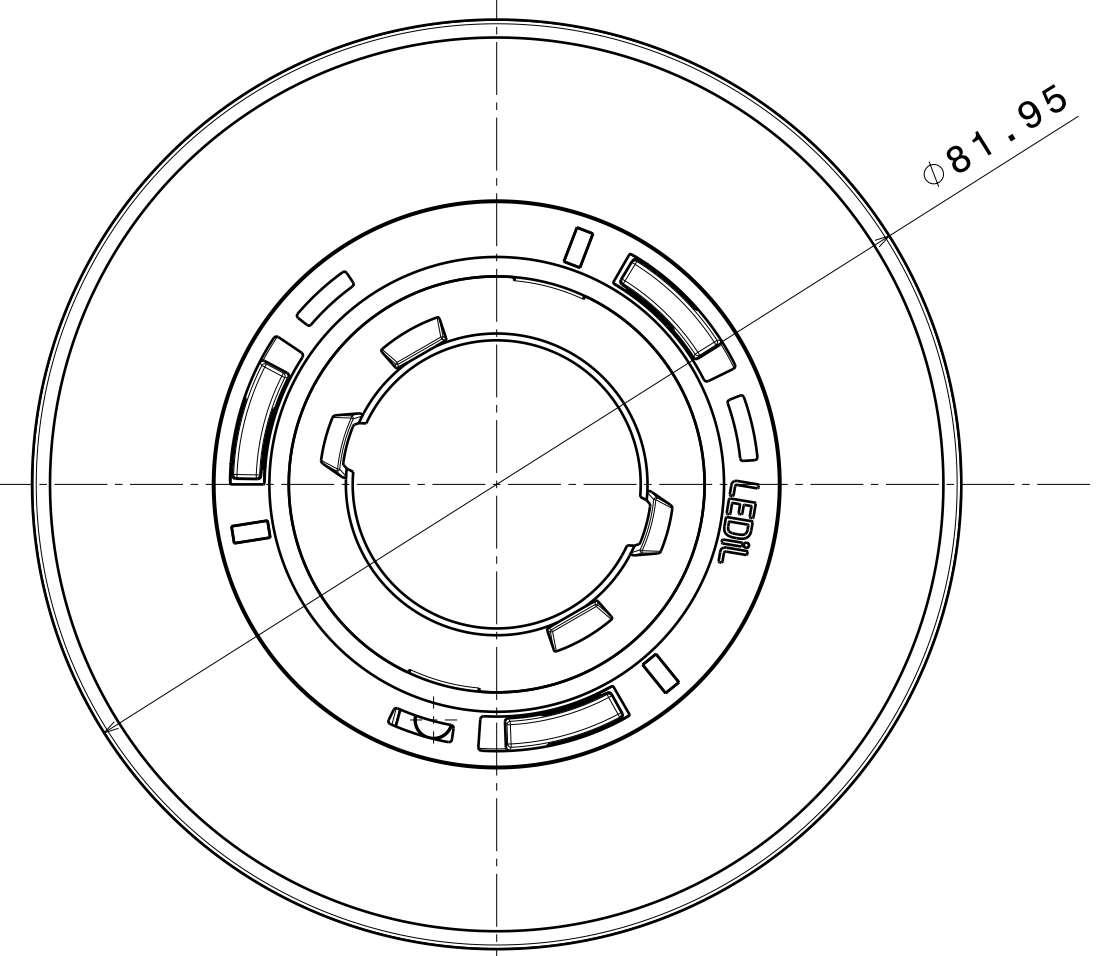
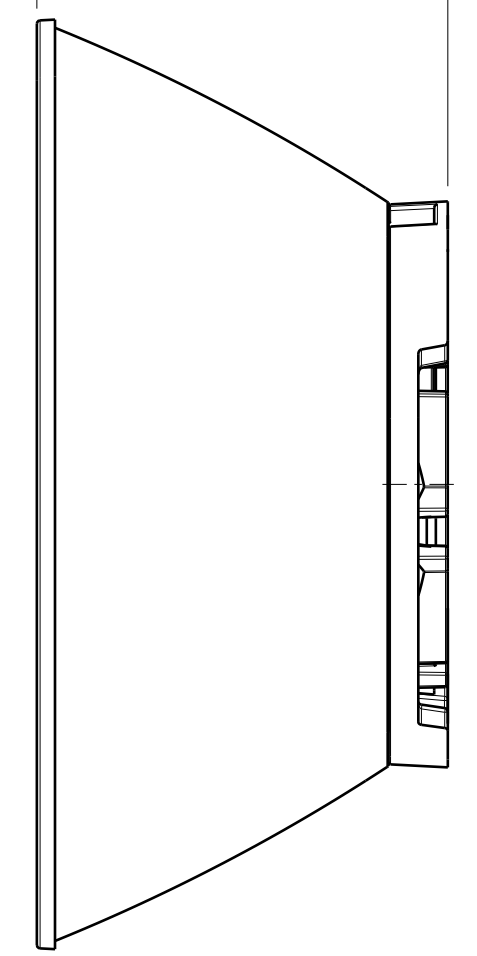
4

3

2

1

31 + Basepart



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_ANGELINA + CLAMP

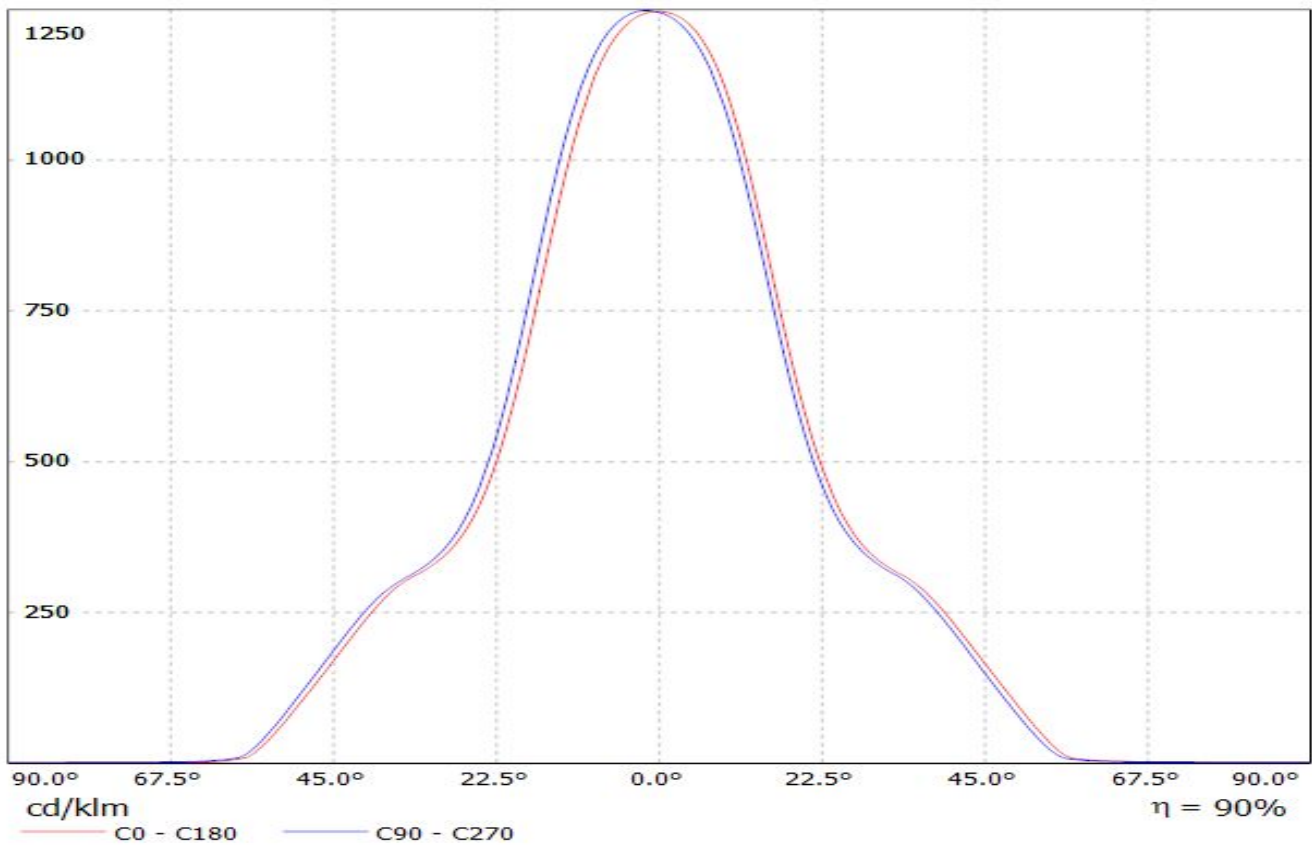
This drawing is the property
 of LEDiL Oy. It may not be
 reproduced, copied or
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 agreement with LEDiL Oy.

| | | | |
|------|-------------|--|--|
| SIZE | PART NUMBER | | |
| A3 | - | | |

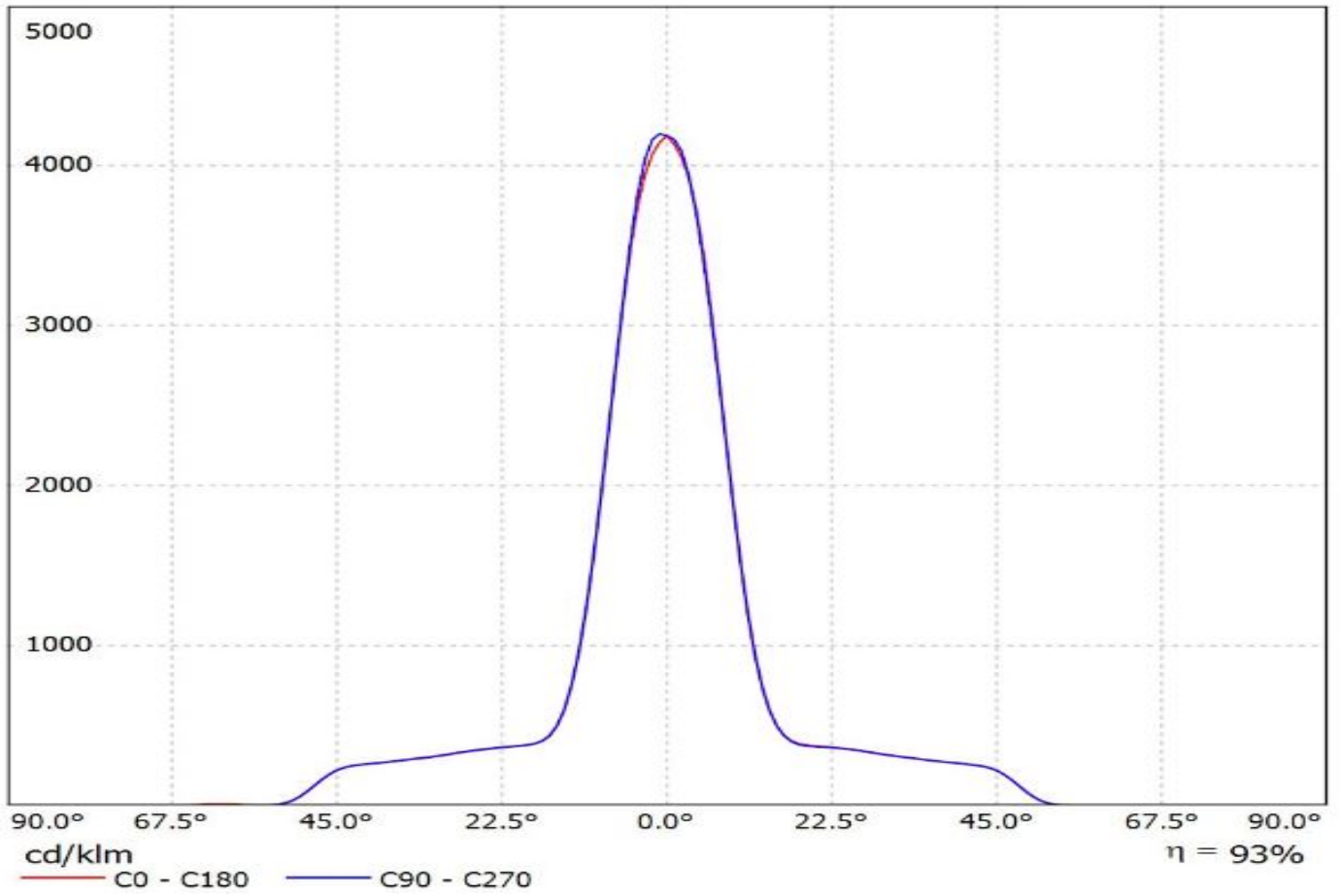
| | | | | | |
|-------|-----|--------|-----|-------|-----|
| SCALE | 3:2 | WEIGHT | (g) | SHEET | 1/1 |
|-------|-----|--------|-----|-------|-----|

H G F E D C B A

Luminaire: LEDiL Oy FCN13691_ANGELINA-S_(VERO29) Eff.89.6%
Lamps: 1 x BRIDGELUX_VERO29 (BXRC-50C10K0-L-04) 1381.64lm@250mA CCT=5000K P=9W I=250mA

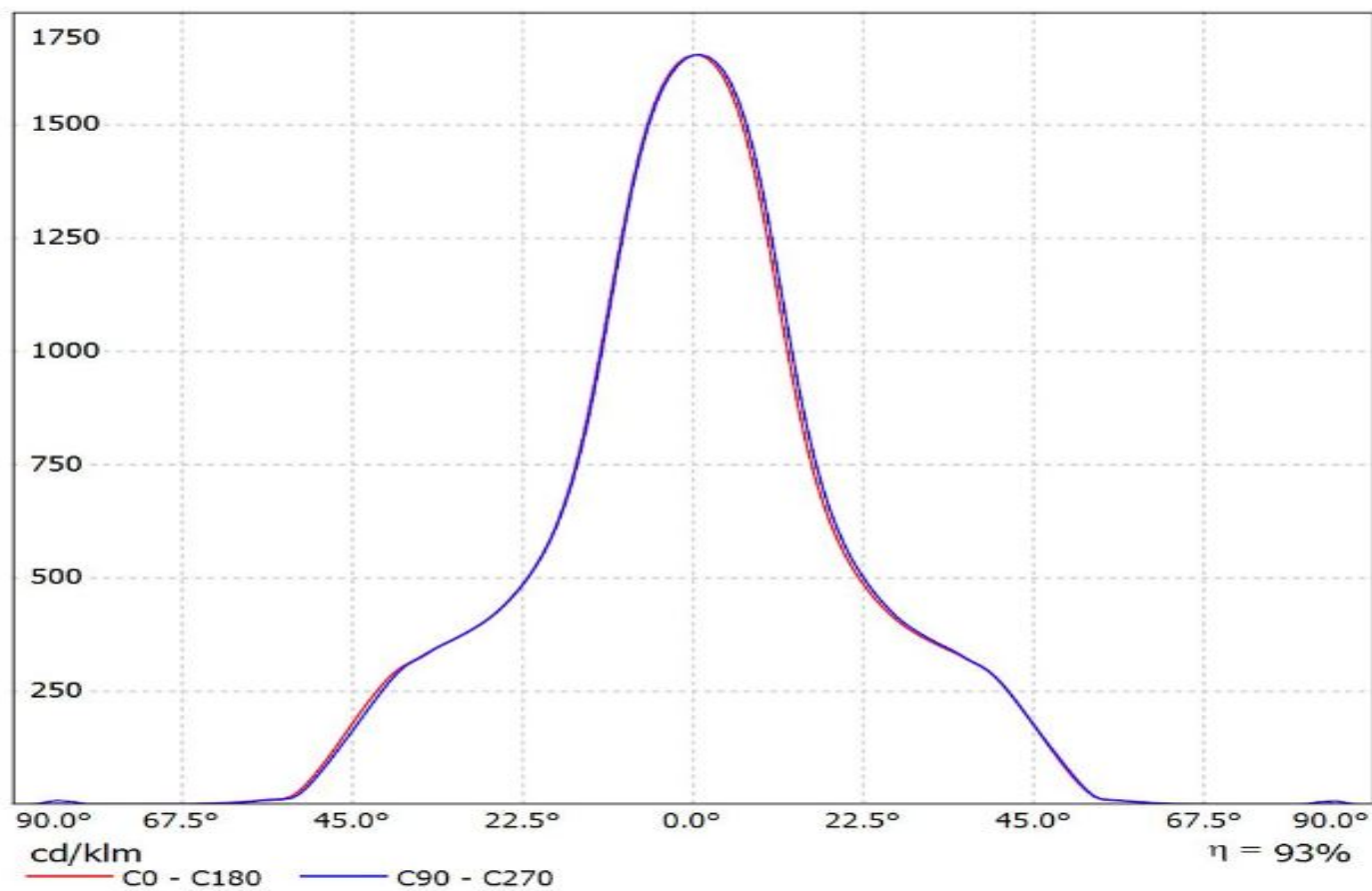


Luminaire: Ledil Oy FCN13691_ANGELINA-S+_B+W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



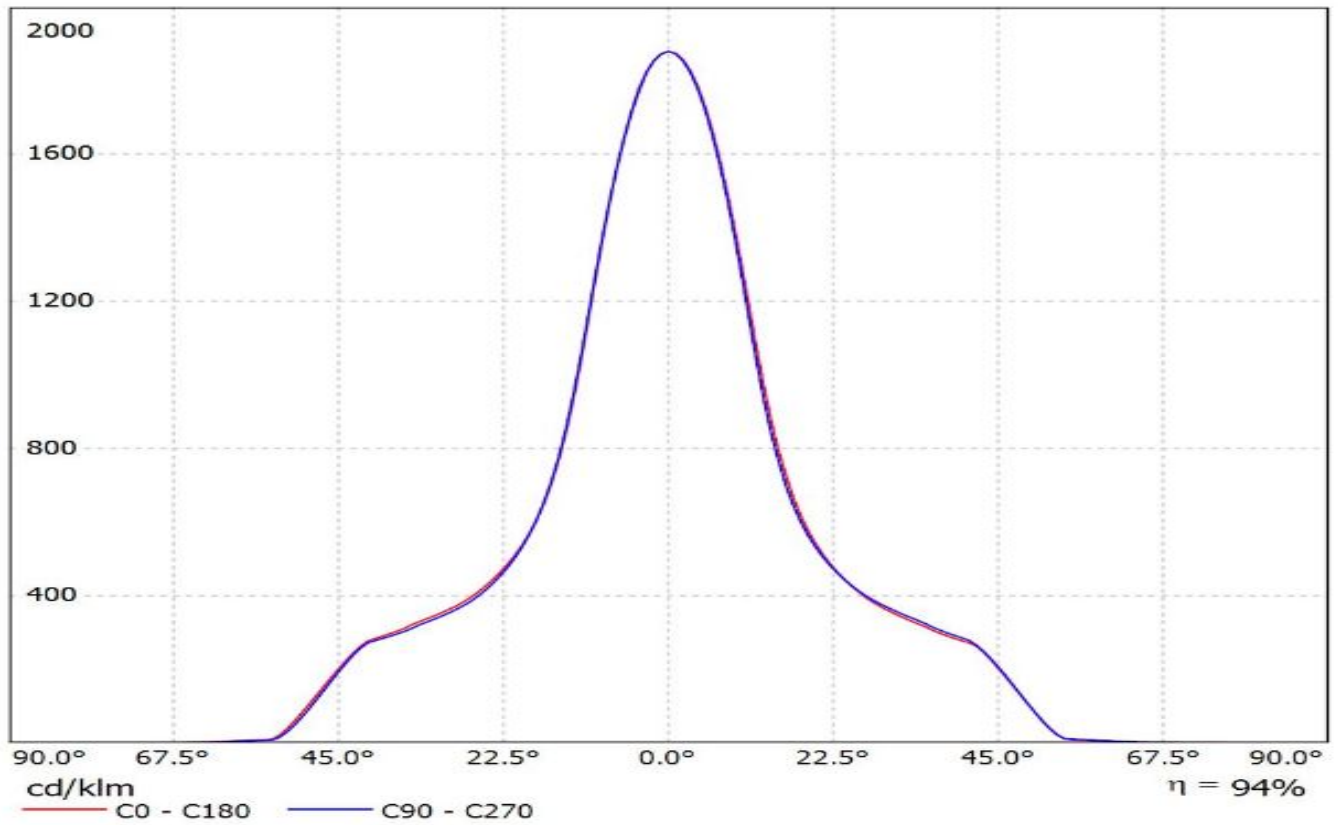
Luminaire: Ledil FCN13691_ANGELINA-S_(CLU044)_ (431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1272.54lm@250mA_P=8.16W_I=0.25A



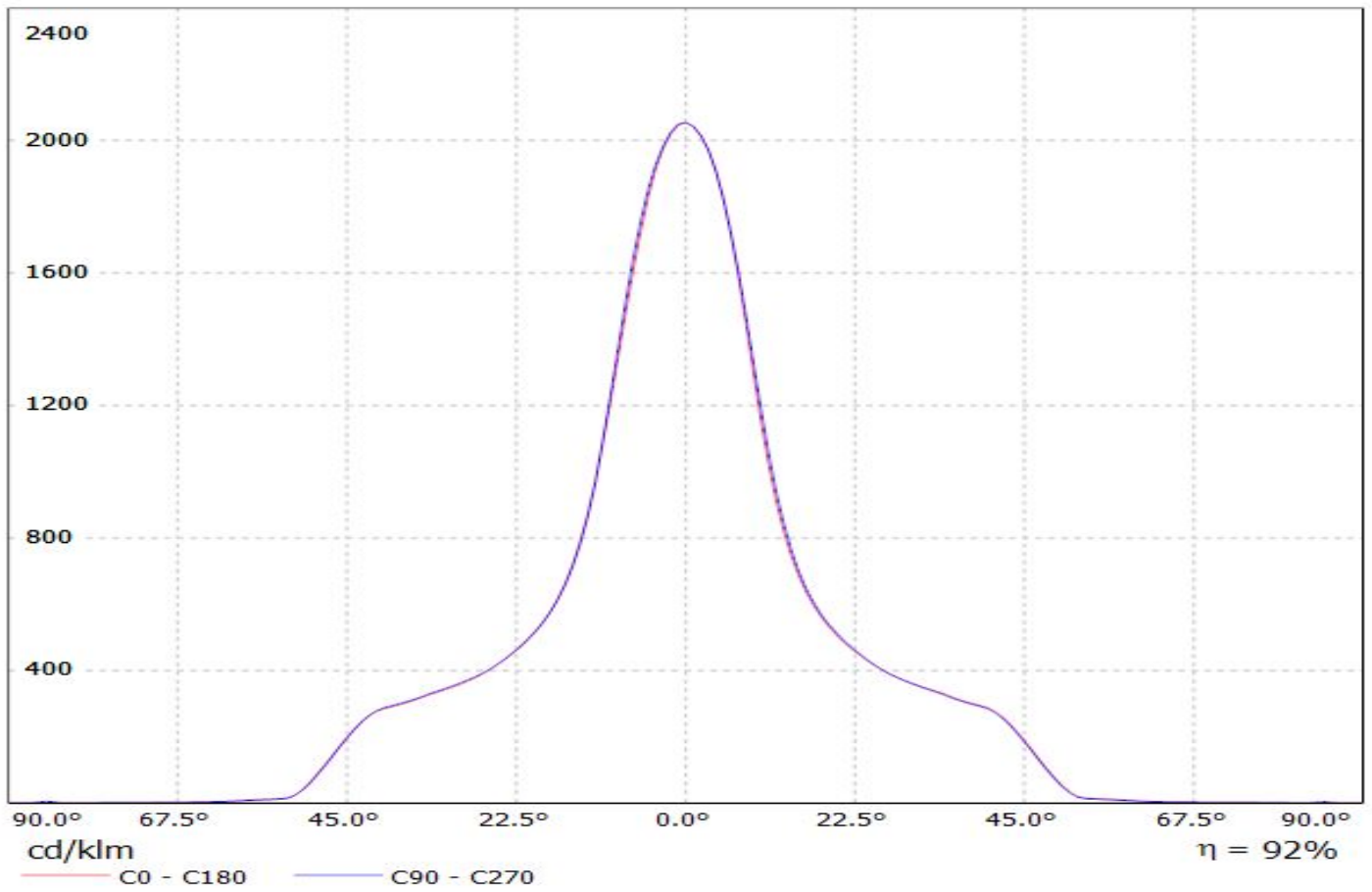
LEDiL Oy FCN13691_ANGELINA-S_(CoB_1211)_(431_Typ_L3) / LDC (Linear)

Luminaire: LEDiL Oy FCN13691_ANGELINA-S_(CoB_1211)_(431_Typ_L3)
Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_(431_Typ_L3)_(C13584_CLAMP-VERO29)
_897.994lm@250mA_P=8W_I=0.25A



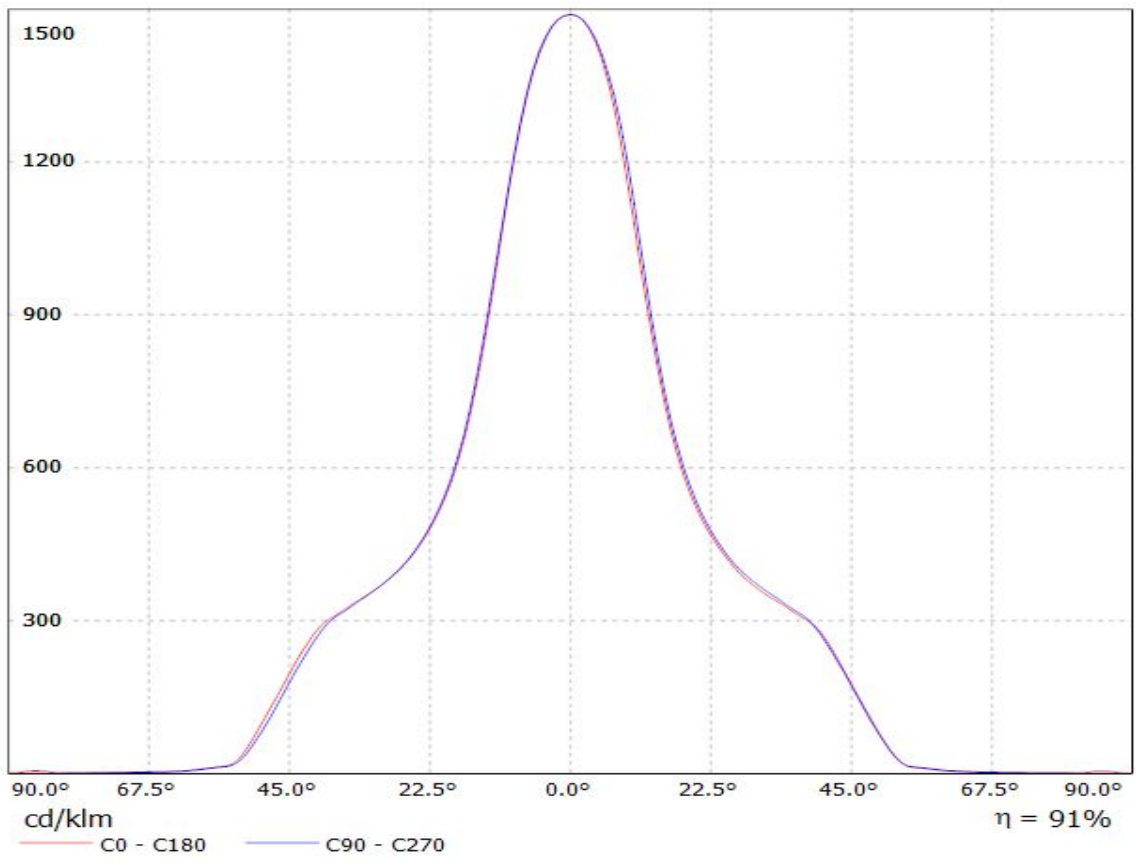
Luminaire: LEDiL Oy FCN13691_ANGELINA-S_(Soleriq_S19)_462_Typ_L3

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1497.37lm@250mA_P=11.1223W_I=0.2532A

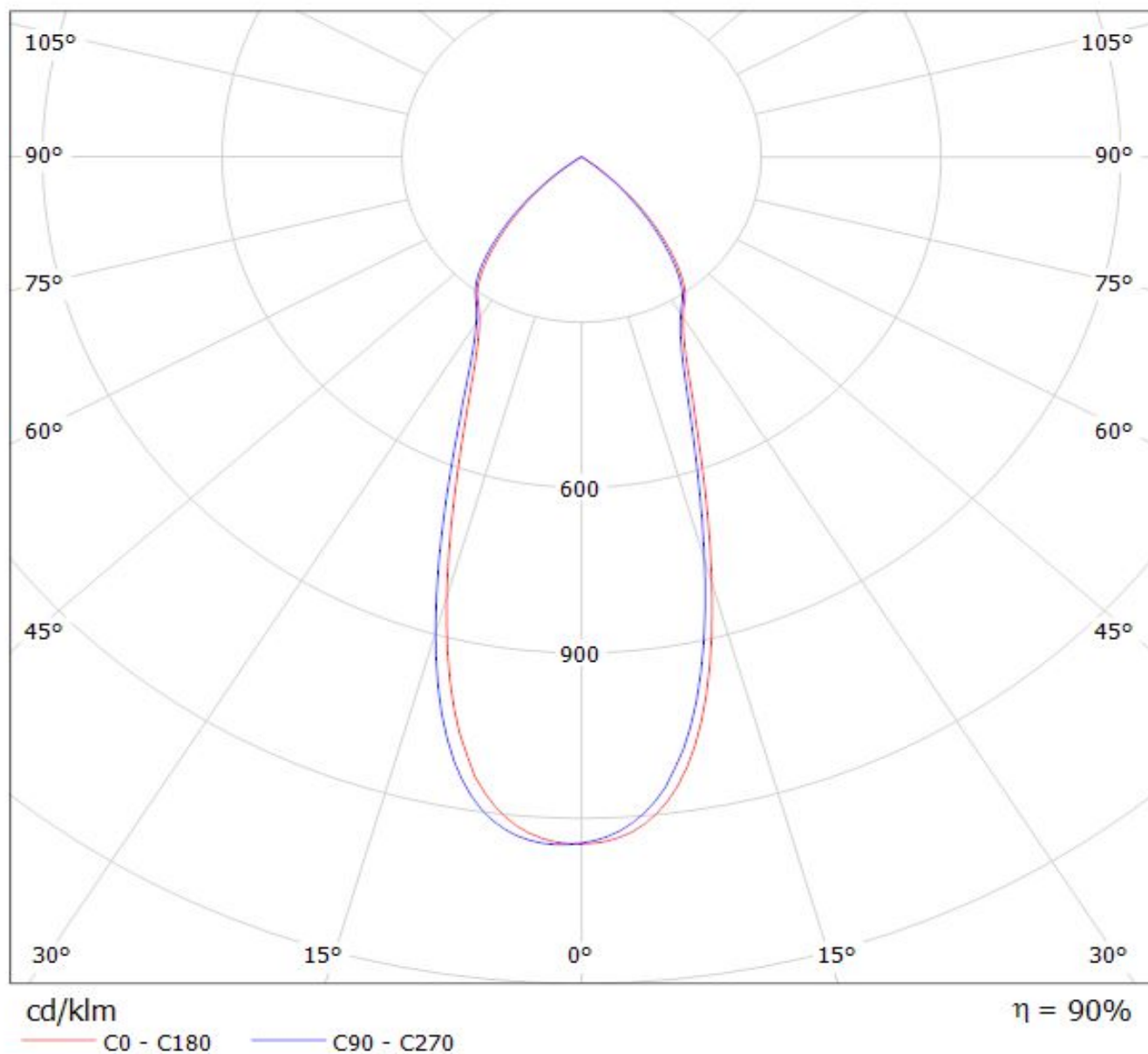


Luminaire: Ledil FCN13691_ANGELINA-S (MJT_80W_Les22)_+431TypL3

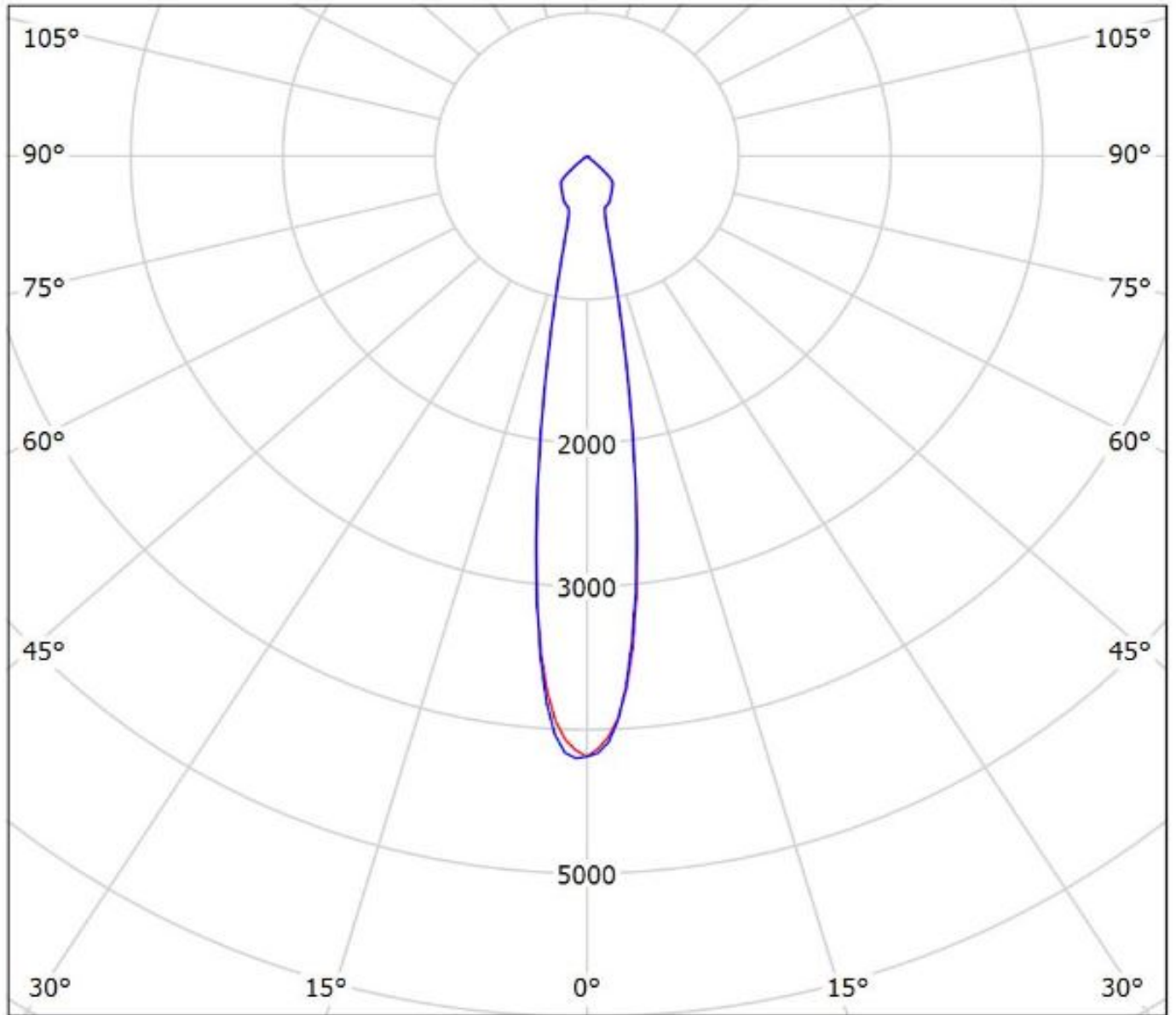
Lamps: 1 x Seoul_MJT_80W_Les22mm_(SAWx22AAA)_+_VERO29_+_431TypL3_2407.73lm@250mA_P=13.2662W_I=0.25A



Luminaire: LEDiL Oy FCN13691_ANGELINA-S_(VERO29) Eff.89.6%
Lamps: 1 x BRIDGELUX_VERO29 (BXRC-50C10K0-L-04) 1381.64lm@250mA CCT=5000K P=9W I=250mA



Luminaire: Ledil Oy FCN13691_ANGELINA-S+_B+W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



cd/klm

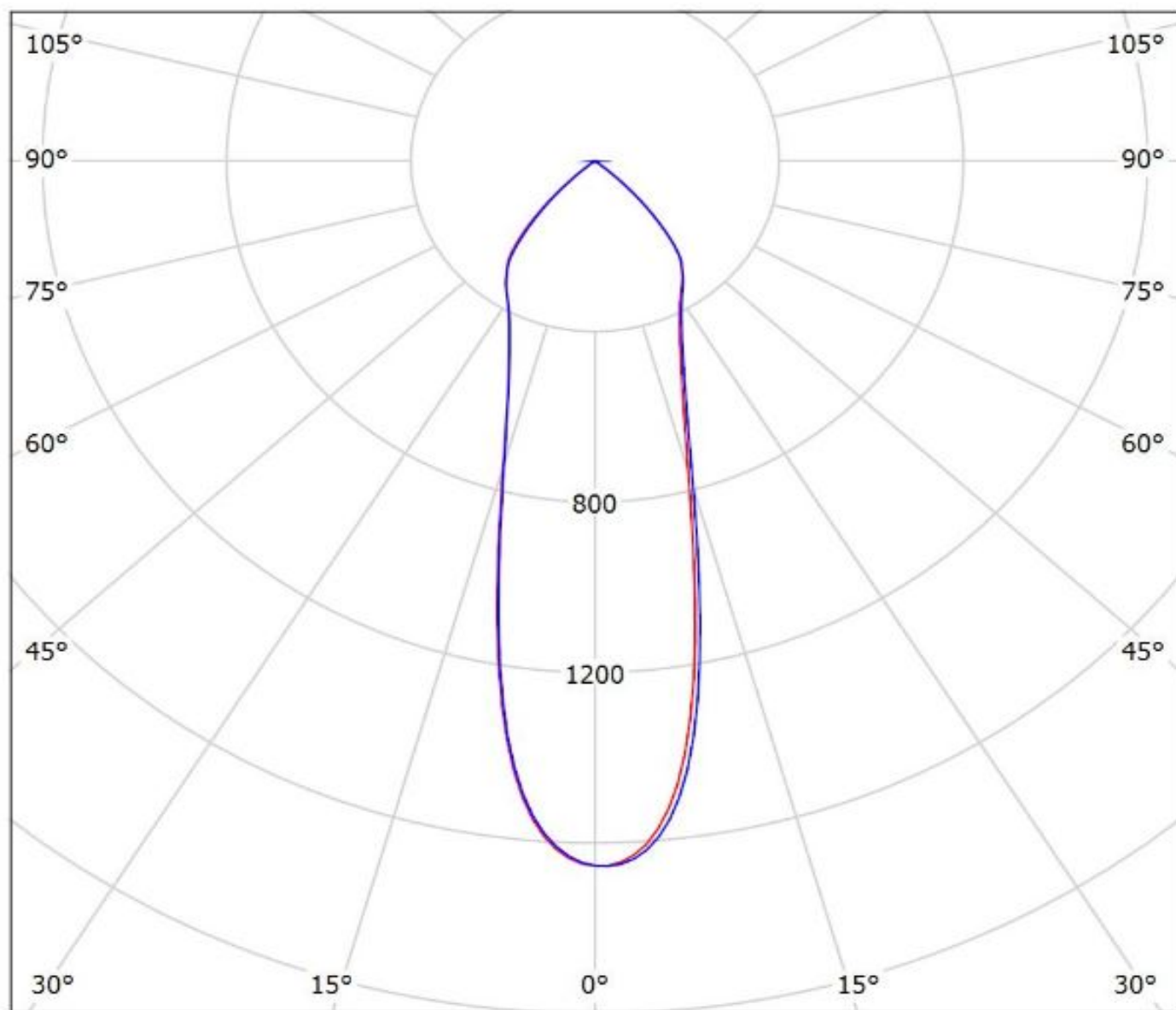
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil FCN13691_ANGELINA-S_(CLU044)_ (431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_ 1272.54lm@250mA_P=8.16W_I=0.25A



cd/klm

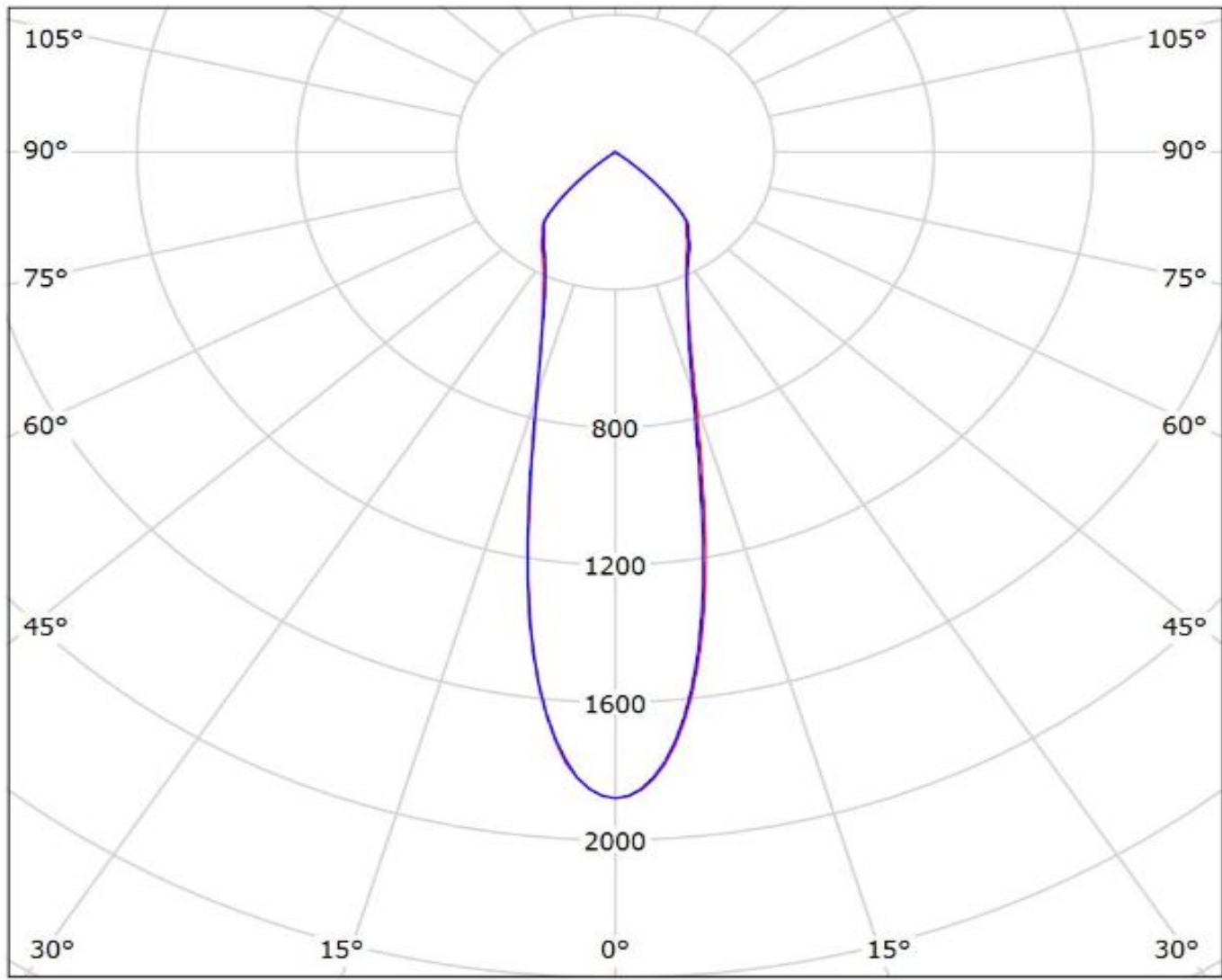
— C0 - C180

— C90 - C270

$\eta = 93\%$

LEDiL Oy FCN13691_ANGELINA-S_(CoB_1211)_(431_Typ_L3) / LDC (Polar)

Luminaire: LEDiL Oy FCN13691_ANGELINA-S_(CoB_1211)_(431_Typ_L3)
Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_(431_Typ_L3)_(C13584_CLAMP-VERO29)
_897.994lm@250mA_P=8W_I=0.25A

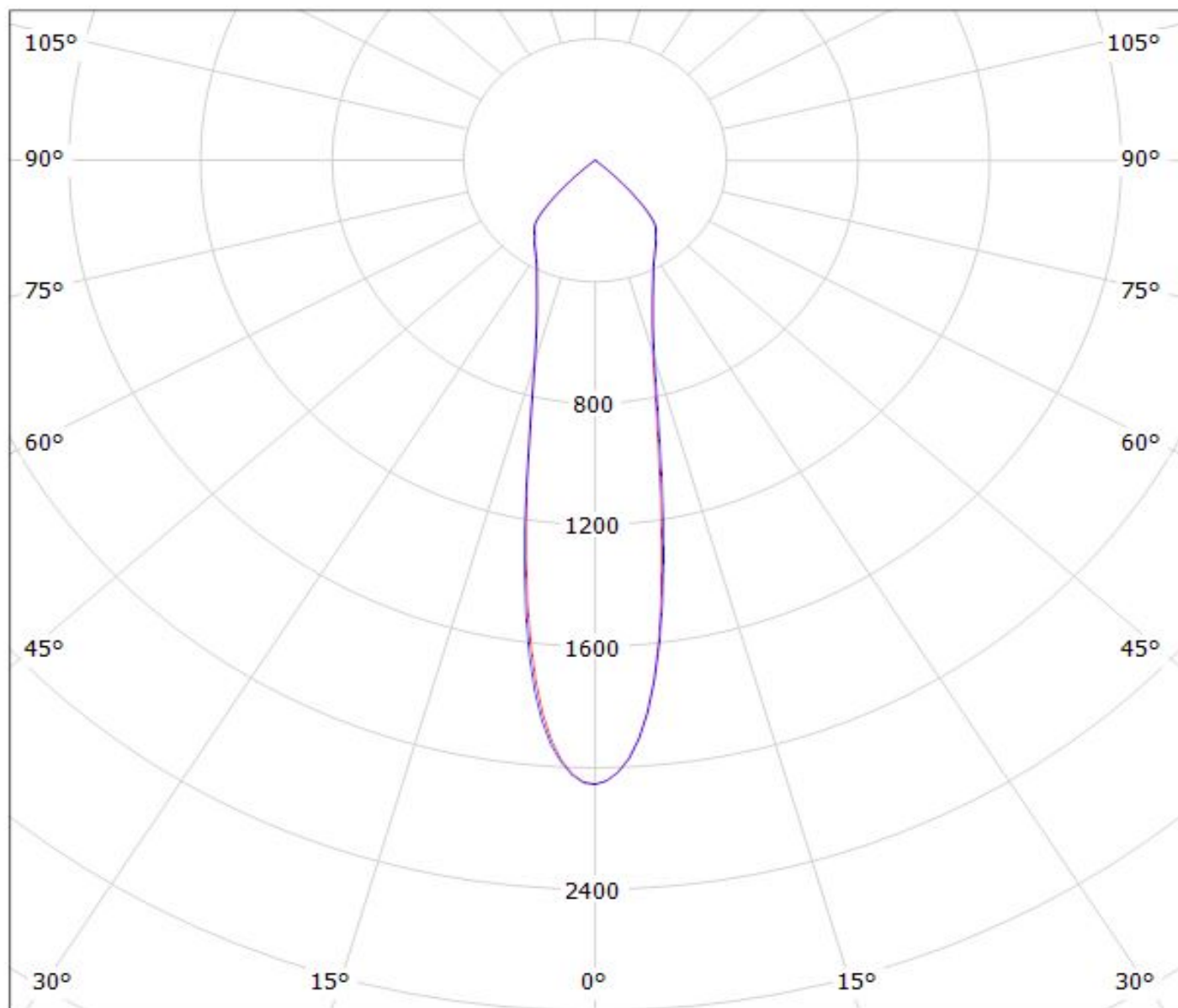


cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy FCN13691_ANGELINA-S_(Soleriq_S19)_462_Typ_L3

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1497.37lm@250mA_P=11.1223W_I=0.2532A



cd/klm

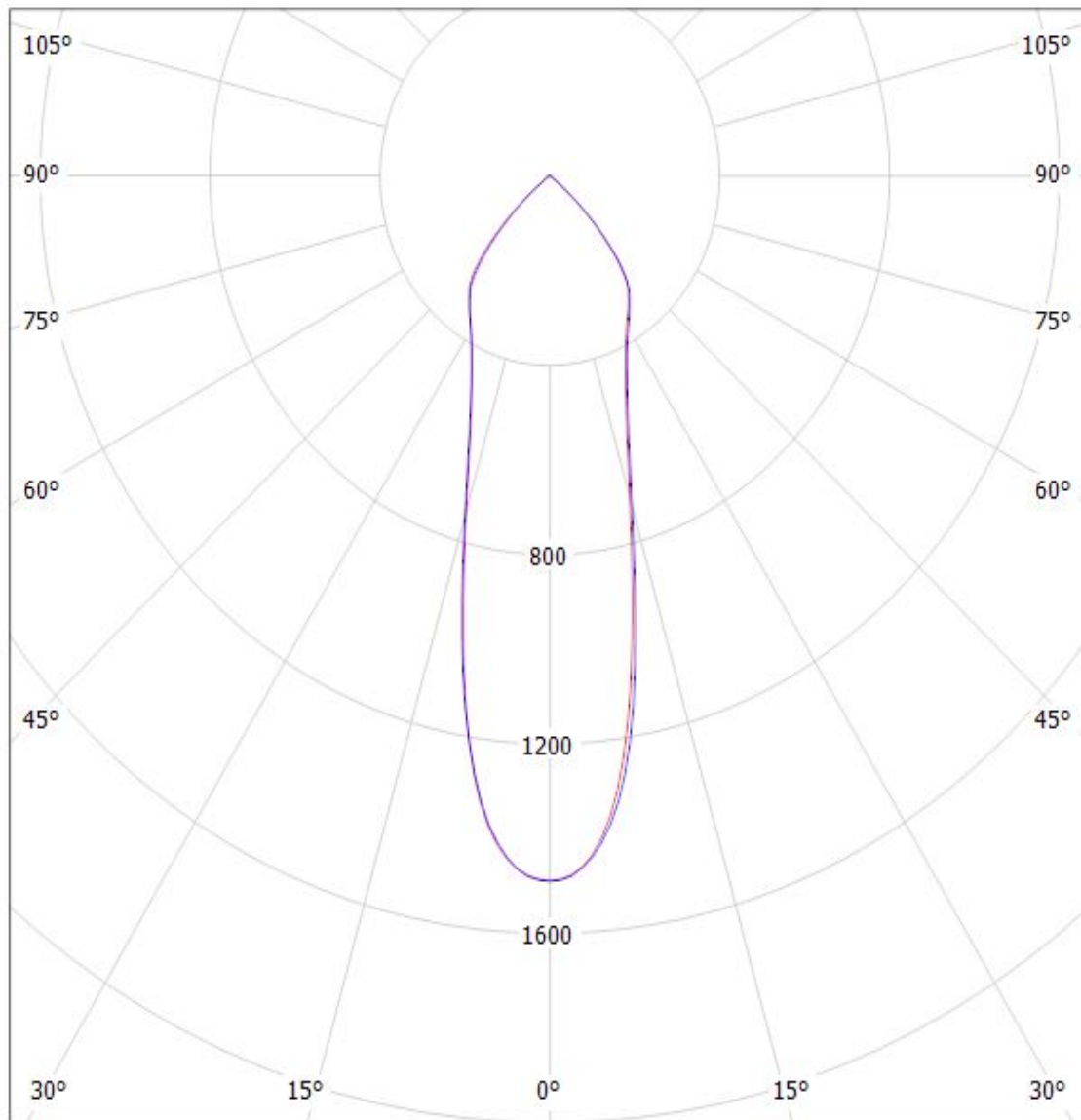
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil FCN13691_ANGELINA-S_(MJT_80W_Les22)_+431TypL3

Lamps: 1 x Seoul_MJT_80W_Les22mm_(SAWx22AAA)_+_VERO29_+_431TypL3_2407.73lm@250mA_P=13.2662W_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.

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.