

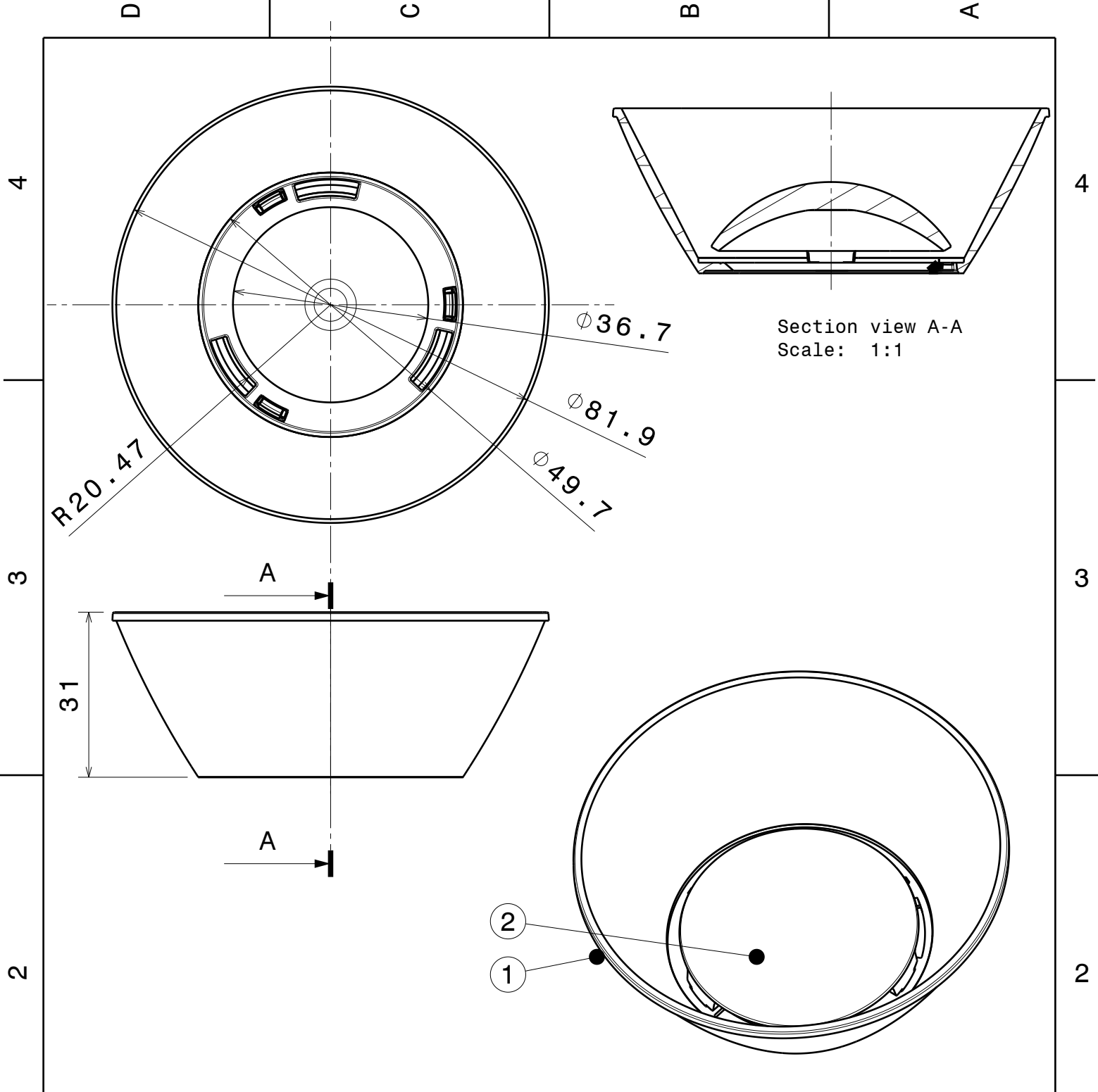
DETAILS

| | |
|------------------------|-----------------------|
| Product Number | FC13975_ANGELINA-RZ-M |
| Family | ANGELINA |
| Type | RefPack |
| Color | metal |
| Diameter | 82 mm |
| Height | 31 mm |
| Style | round |
| Optic Material | PC |
| Holder Material | |
| Fastening | screw, socket |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 13/03/2015 |



OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Efficiency | cd/lm | Connector |
|--------------------------------|---------------|------------|------------|-------|--|
| LUXEON K12 | 37 deg | Medium | 89 % | 1.300 | TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| LUXEON K16 | 43 deg | Medium | 89 % | 1.100 | TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| COB J-Type | 36 deg | Medium | 87 % | 1.200 | IDEAL: 50-2103NC + 50-2100AN |
| PrevaLED Core Z4 LES19 | 40 deg | Medium | 88 % | 1.100 | TE: OPTIC CLIP Z50 TYPE1 2213194-1 |
| Fortimo SLM G5 LES 15 Standard | 41 deg | Medium | 86 % | 1.000 | TE: OPTIC CLIP Z50 TYPE1 2213194-1 |
| AC Zhaga COB | 47 deg | Medium | 88 % | 0.940 | Optosource: SEHSMJD-A |
| Mega Zenigata (GW6DME) | 40 deg | Medium | 88 % | 1.100 | TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |



| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|---------|--------------------|----------|--------|
| 1 | | ANGELINA reflector | PC | metal |
| 2 | | ANGE-RZ-lens | PC | |

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:

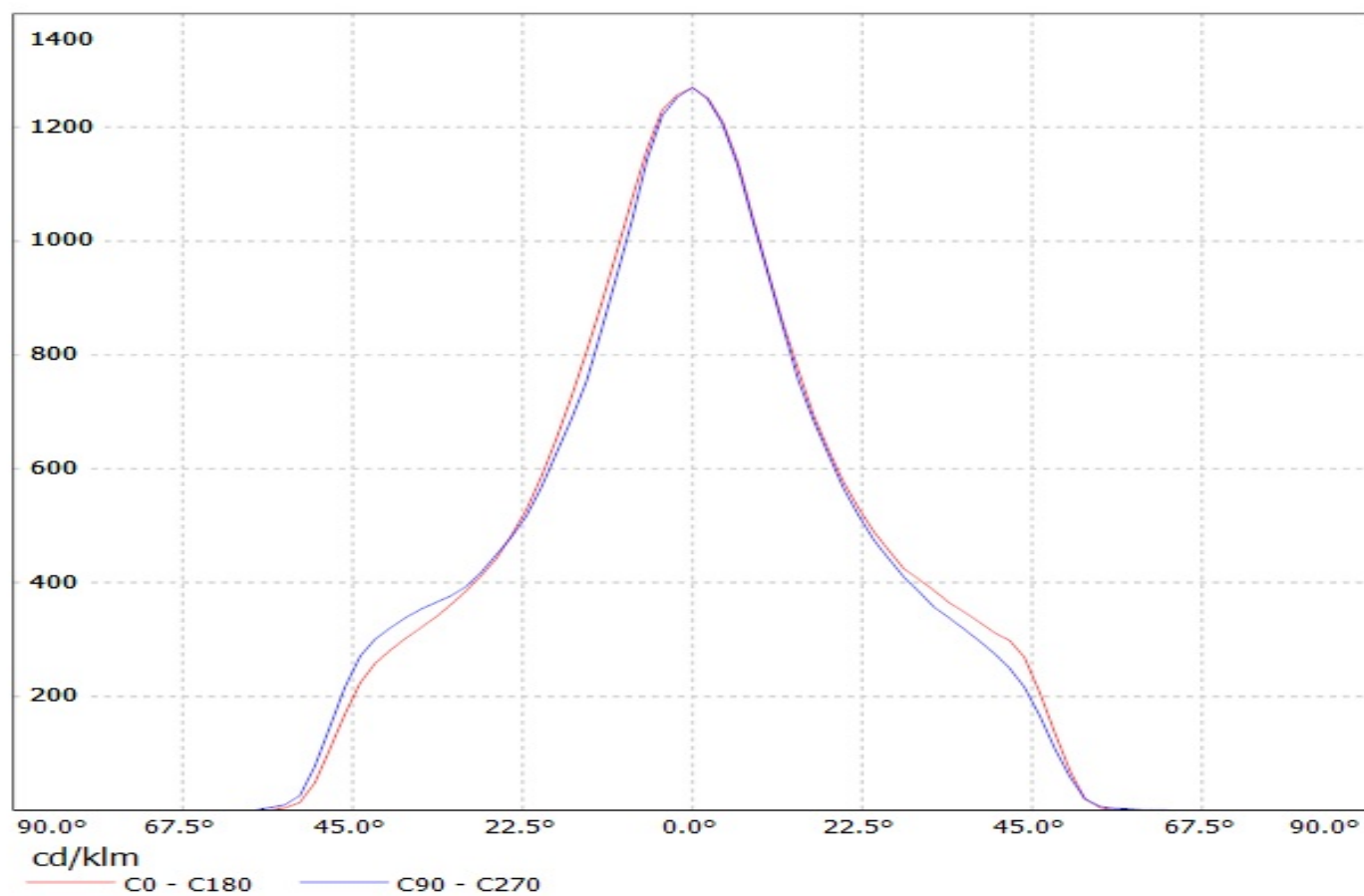
DRAWING TITLE
Angelina-RZ Assy

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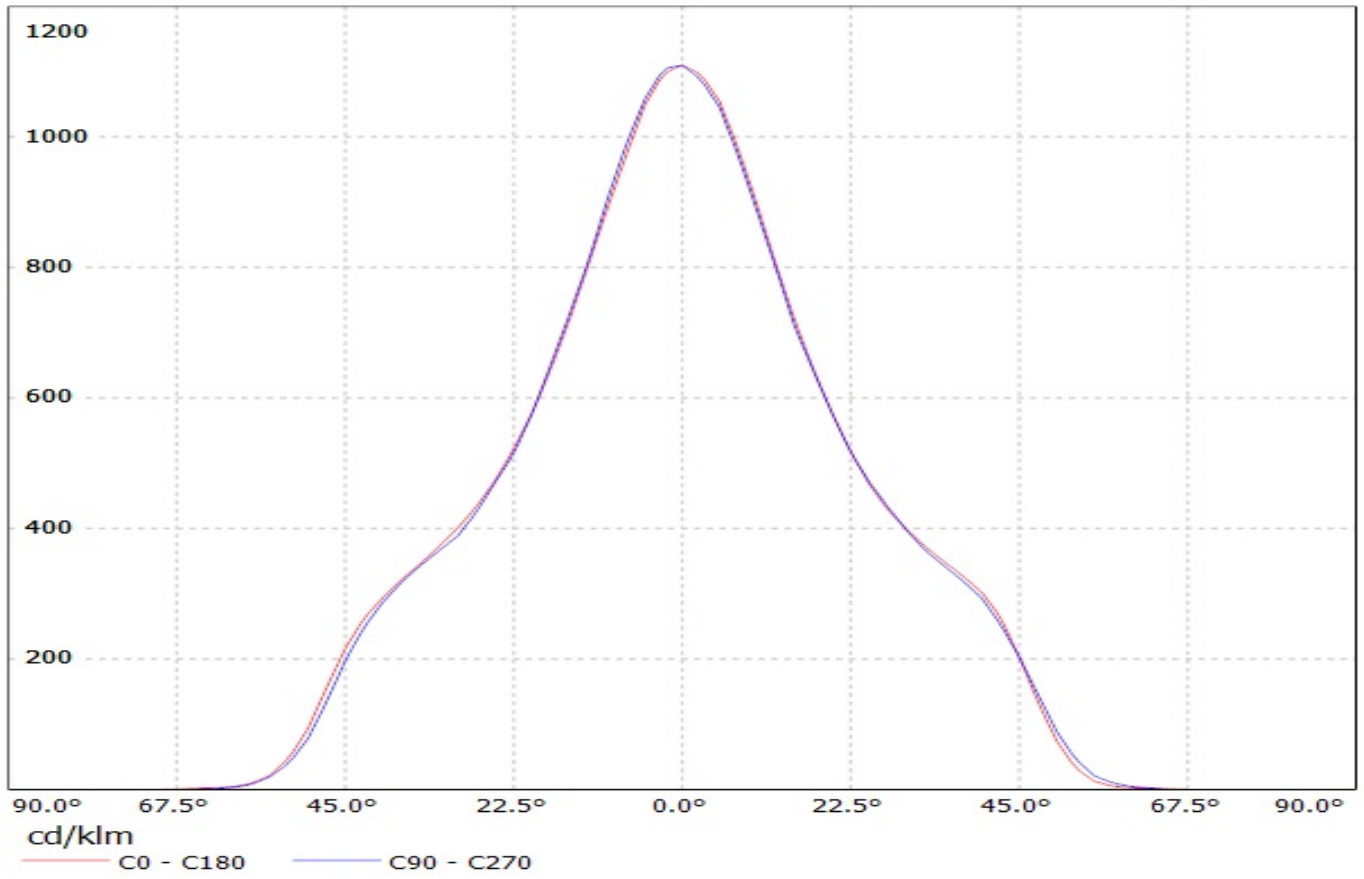
SIZE PART NUMBER
A4

SCALE 1:1 WEIGHT 16,4 g SHEET 1/1

Luminaire: LEdil Oy FC13975_ANGELINA-RZ-M_(Luxeon_K12) Efficiency=89%
Lamps: 1 x Luxeon K12 (LXK8-PW40-0012) 930lm @ 250mA CCT=4000K P=8.2W I=250mA

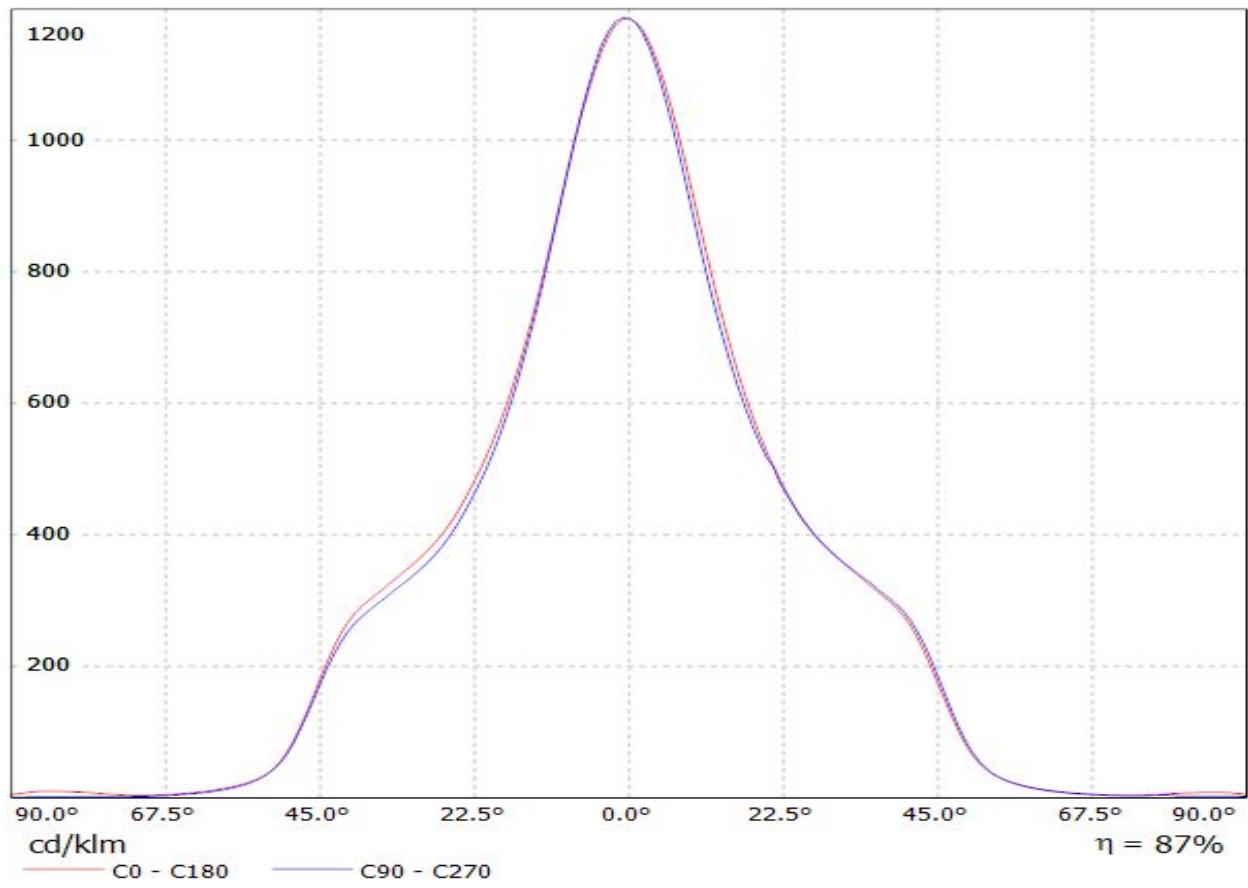


Luminaire: LEDil Oy FC13975_ANGELINA-RZ-M_(Luxeon_K16) Efficiency=89%
Lamps: 1 x Luxeon K16 (LXK8-PW40-0016) 1200lm @ 250mA CCT=4000K P=10.9W I=250mA

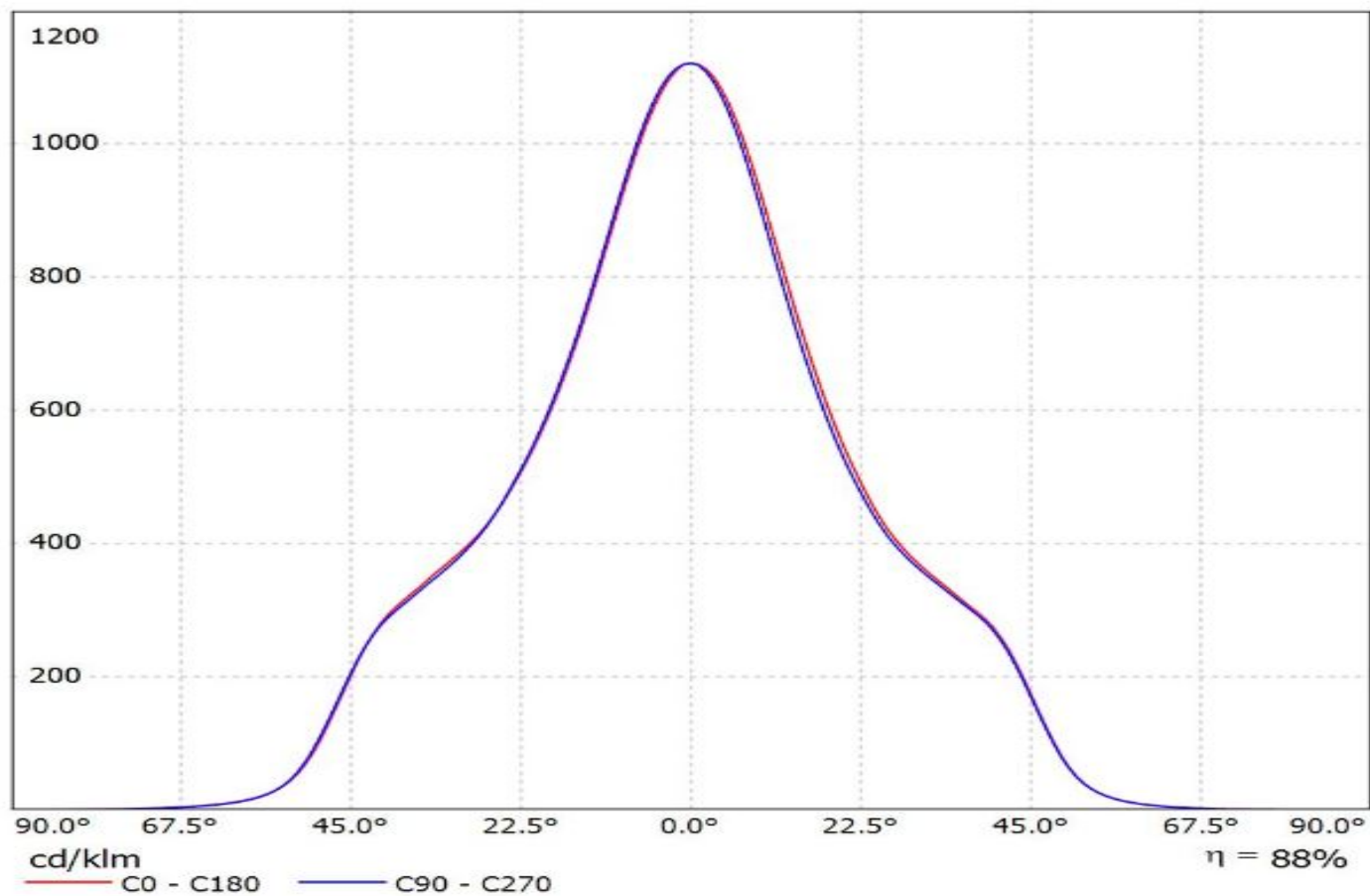


Luminaire: LEDiL Oy FC13975_ANGELINA-RZ-M_(NFDLJ130B+IDEAL)

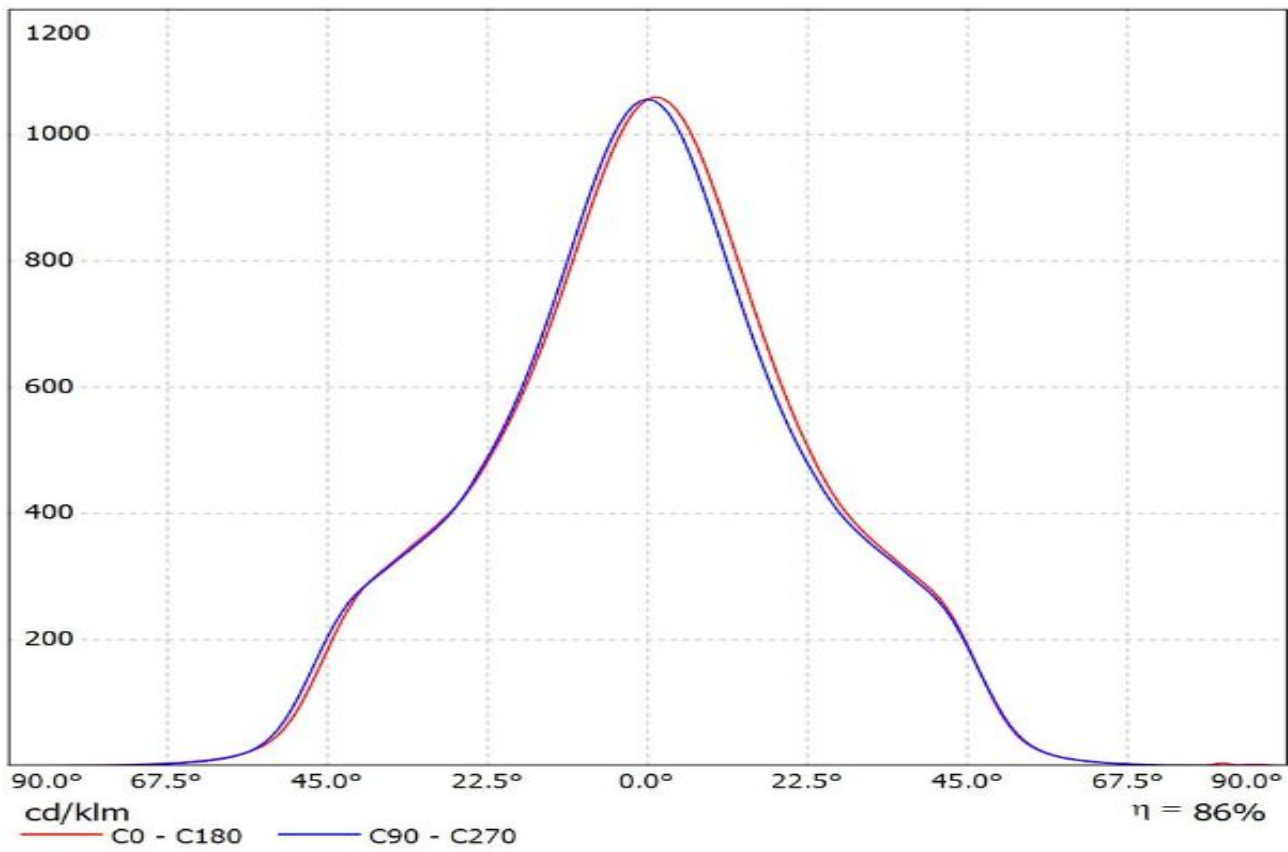
Lamps: 1 x Nichia_NFDLJ130B_+50-2103NC_+50-2100AN_1422.52lm@250mA_CCT=4000K_P=8.91686W_I=0.25A



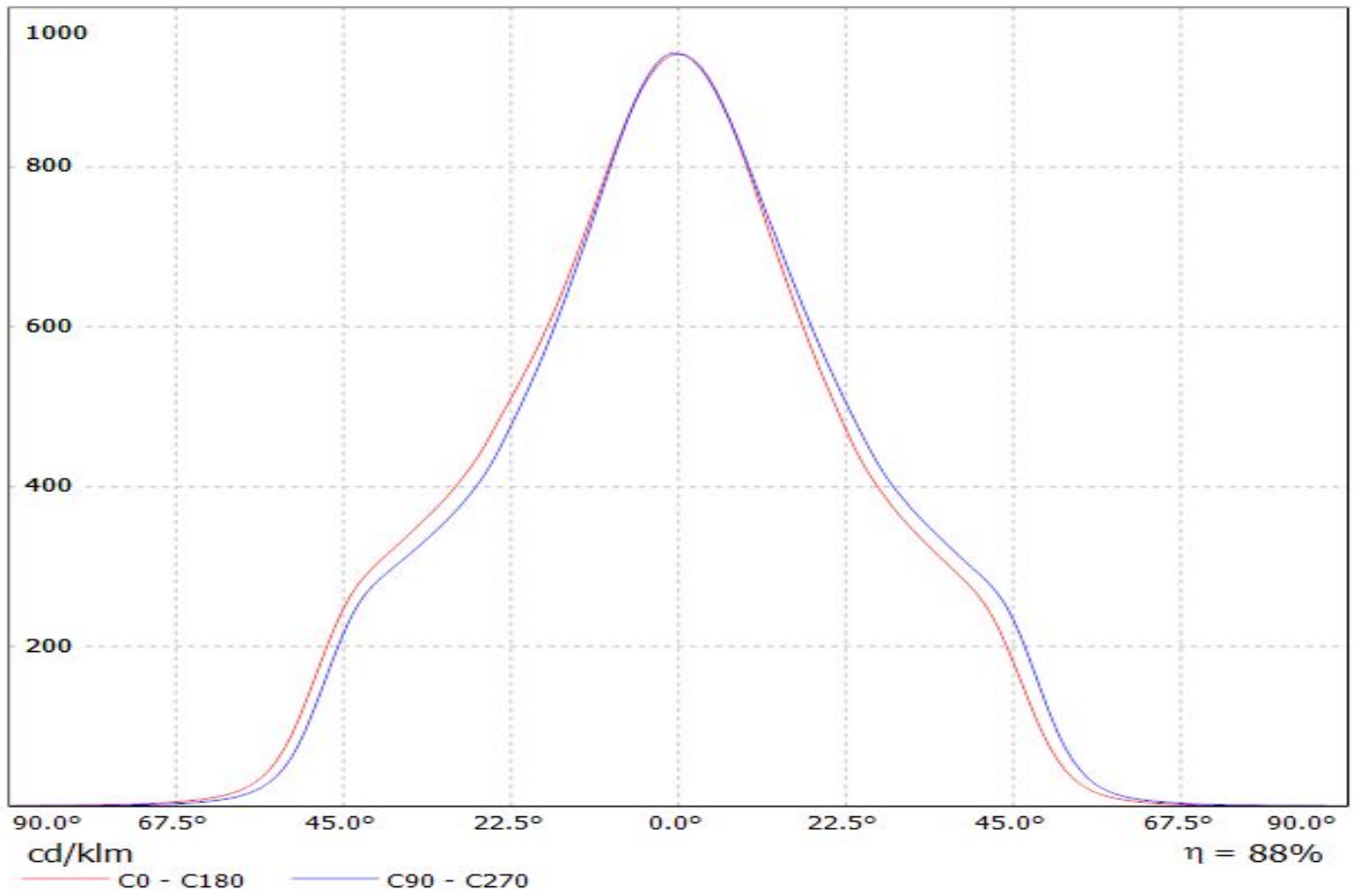
Luminaire: Ledil FC13975_ANGELINA-RZ-M_(PREVALED_Core_Z4)
Lamps: 1 x PREVALED_Core_Z4_LES19_1470.62lm@250mA_P=10.828W_I=0.25A



Luminaire: Ledil FC13975_ANGELINA-RZ-M_(SLM_G5_LES_15_+TE)
Lamps: 1 x Philips_SLM_G5_LES_15_+TE_2213194-1_1277.72lm@250mA_P=8.208W_I=0.25A

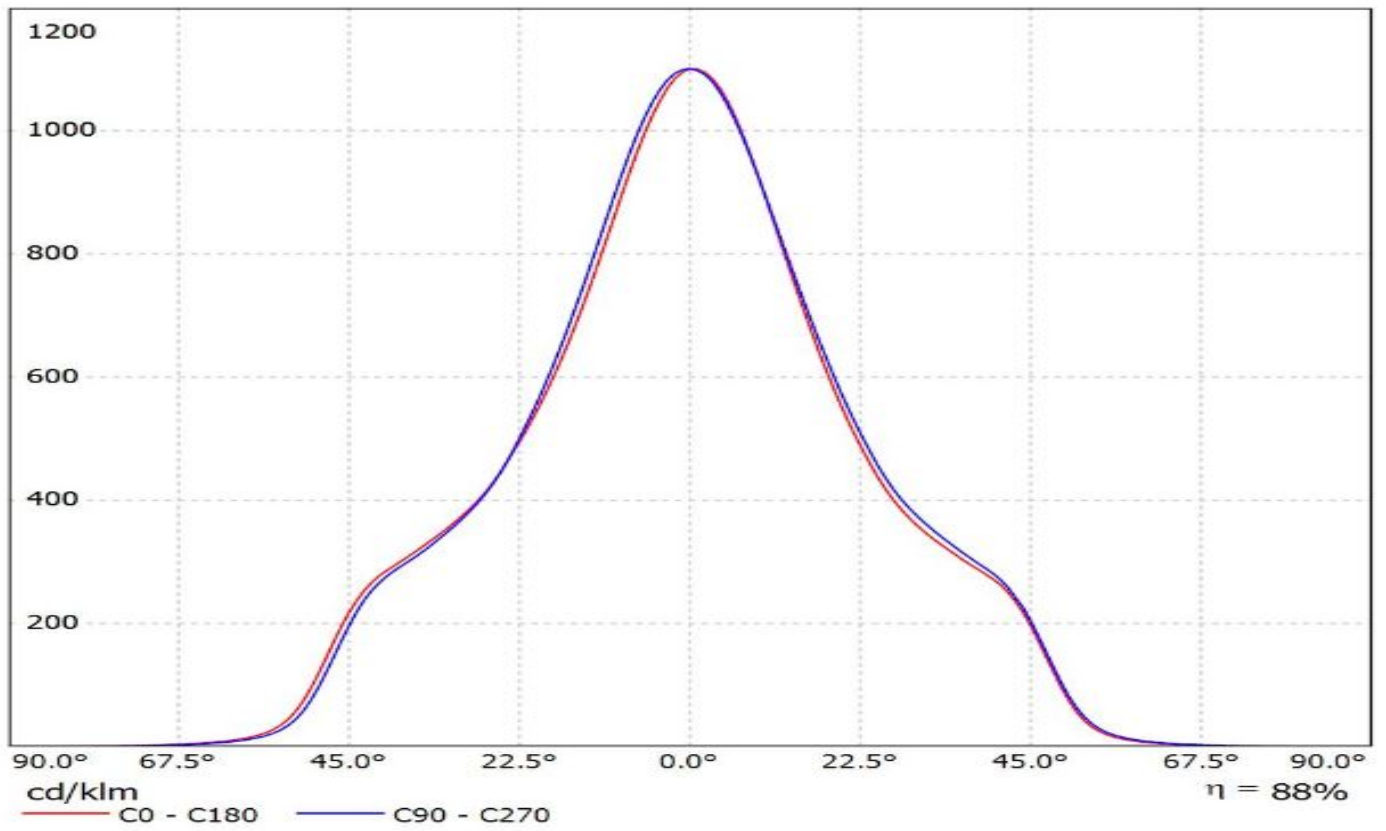


Luminaire: Ledil FC13975_ANGELINA-RZ-M_(SEOUL_AC_Zhaga_COB)
Lamps: 1 x SEOUL_AC_Zhaga_COB

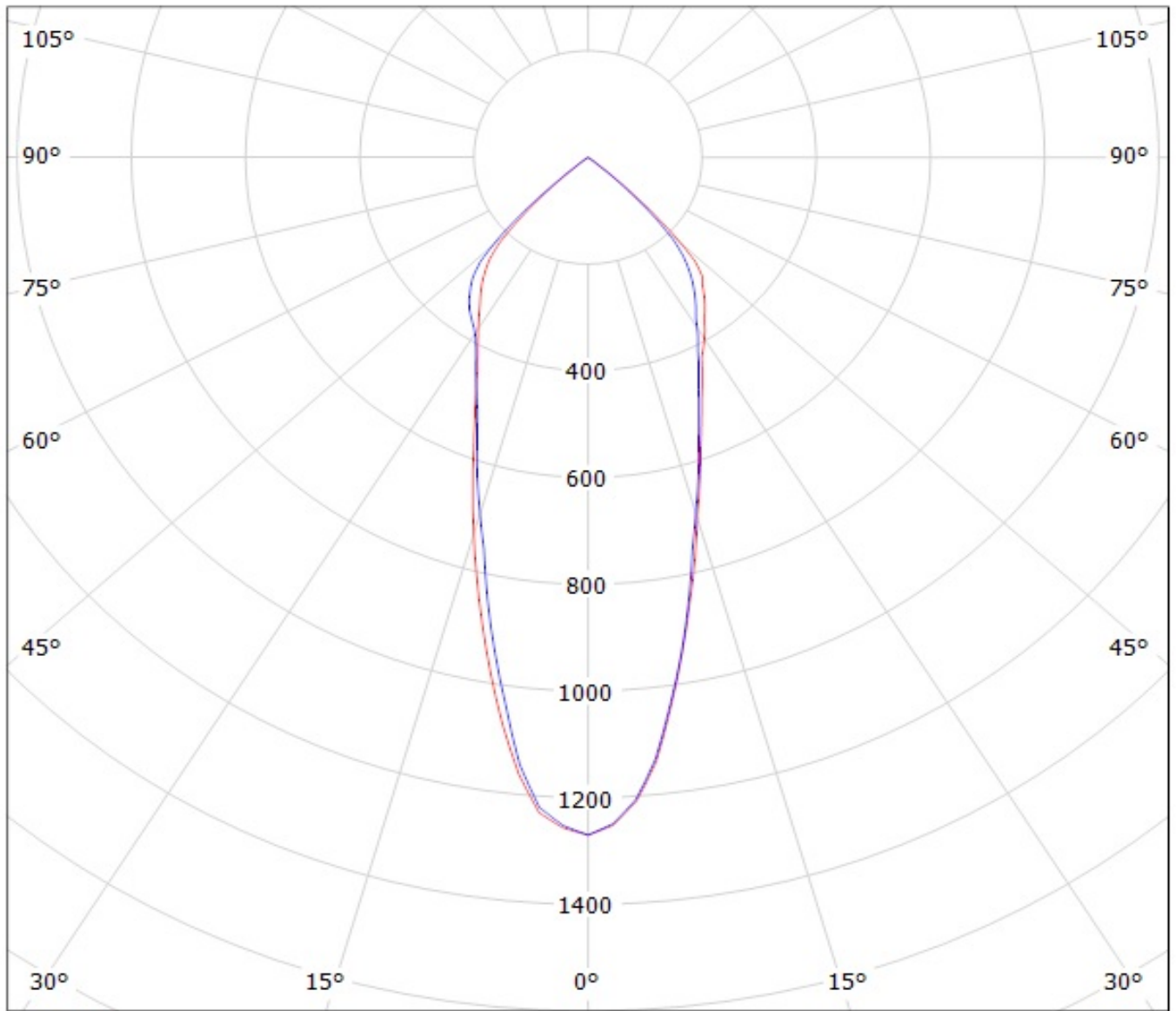


Ledil FC13975_ANGELINA-RZ-M_(MEZ_GW6) / LDC (Linear)

Luminaire: Ledil FC13975_ANGELINA-RZ-M_(MEZ_GW6)
Lamps: 1 x SHARP_Megazenigata_(GW6DME30NFC)
_1261.85lm@250mA_CCT=3038K_P=11.172W_I=0.25A

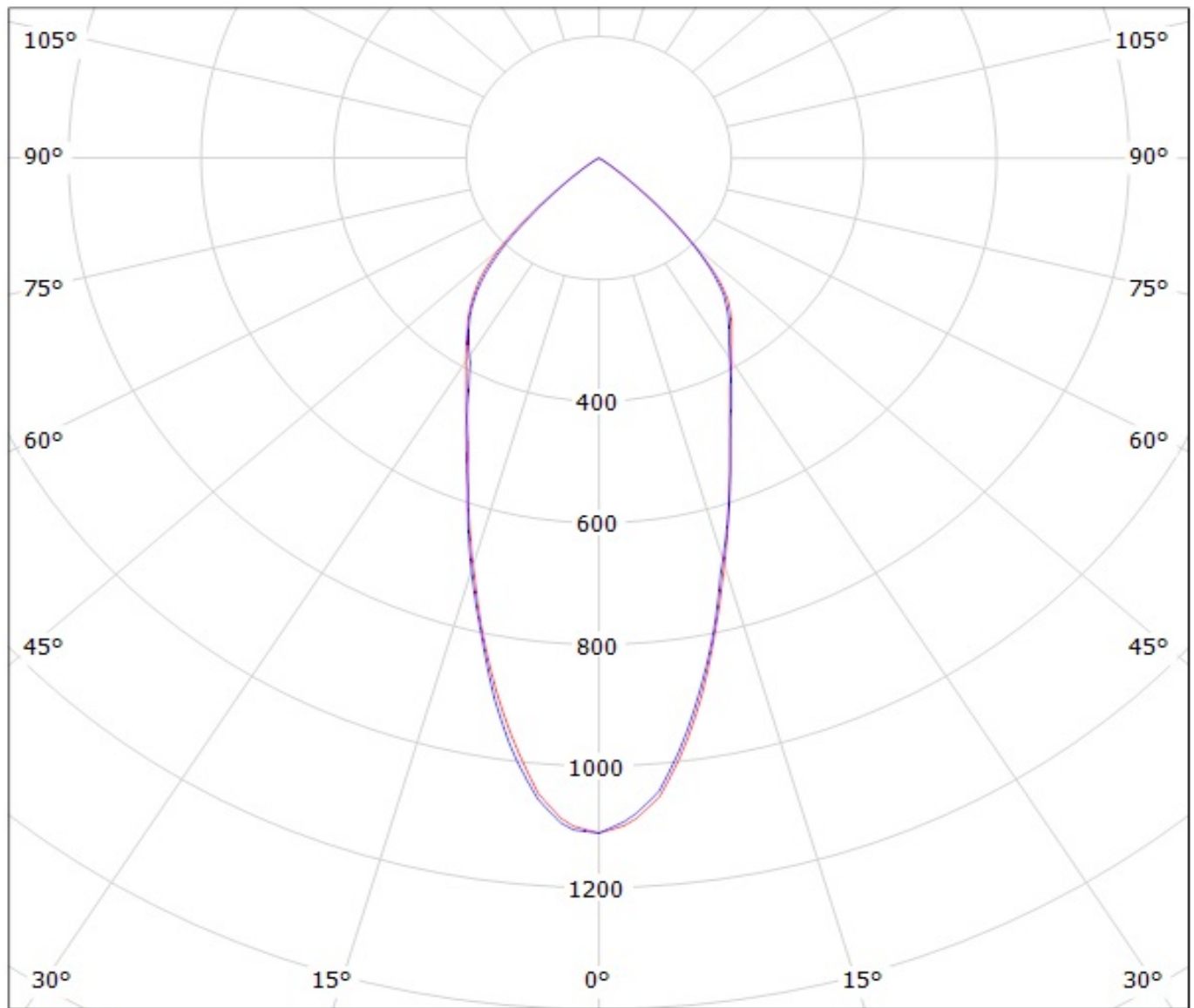


Luminaire: LEdil Oy FC13975_ANGELINA-RZ-M_(Luxeon_K12) Efficiency=89%
Lamps: 1 x Luxeon K12 (LXK8-PW40-0012) 930lm @ 250mA CCT=4000K P=8.2W I=250mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDil Oy FC13975_ANGELINA-RZ-M_(Luxeon_K16) Efficiency=89%
Lamps: 1 x Luxeon K16 (LXK8-PW40-0016) 1200lm @ 250mA CCT=4000K P=10.9W I=250mA

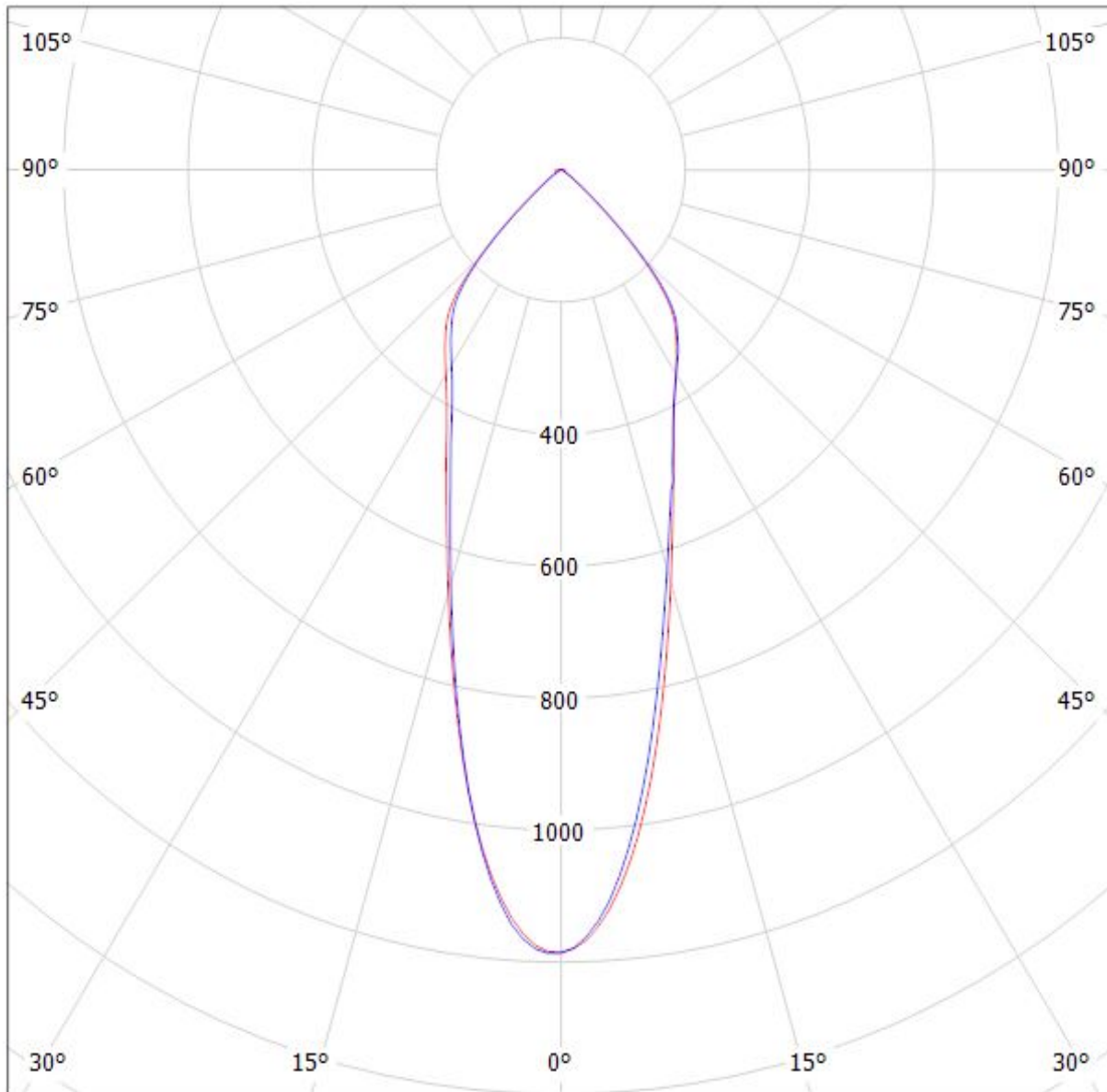


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy FC13975_ANGELINA-RZ-M_(NFDLJ130B+IDEAL)

Lamps: 1 x Nichia_NFDLJ130B_+50-2103NC_+50-2100AN_1422.52lm@250mA_CCT=4000K_P=8.91686W_I=0.25A



cd/klm

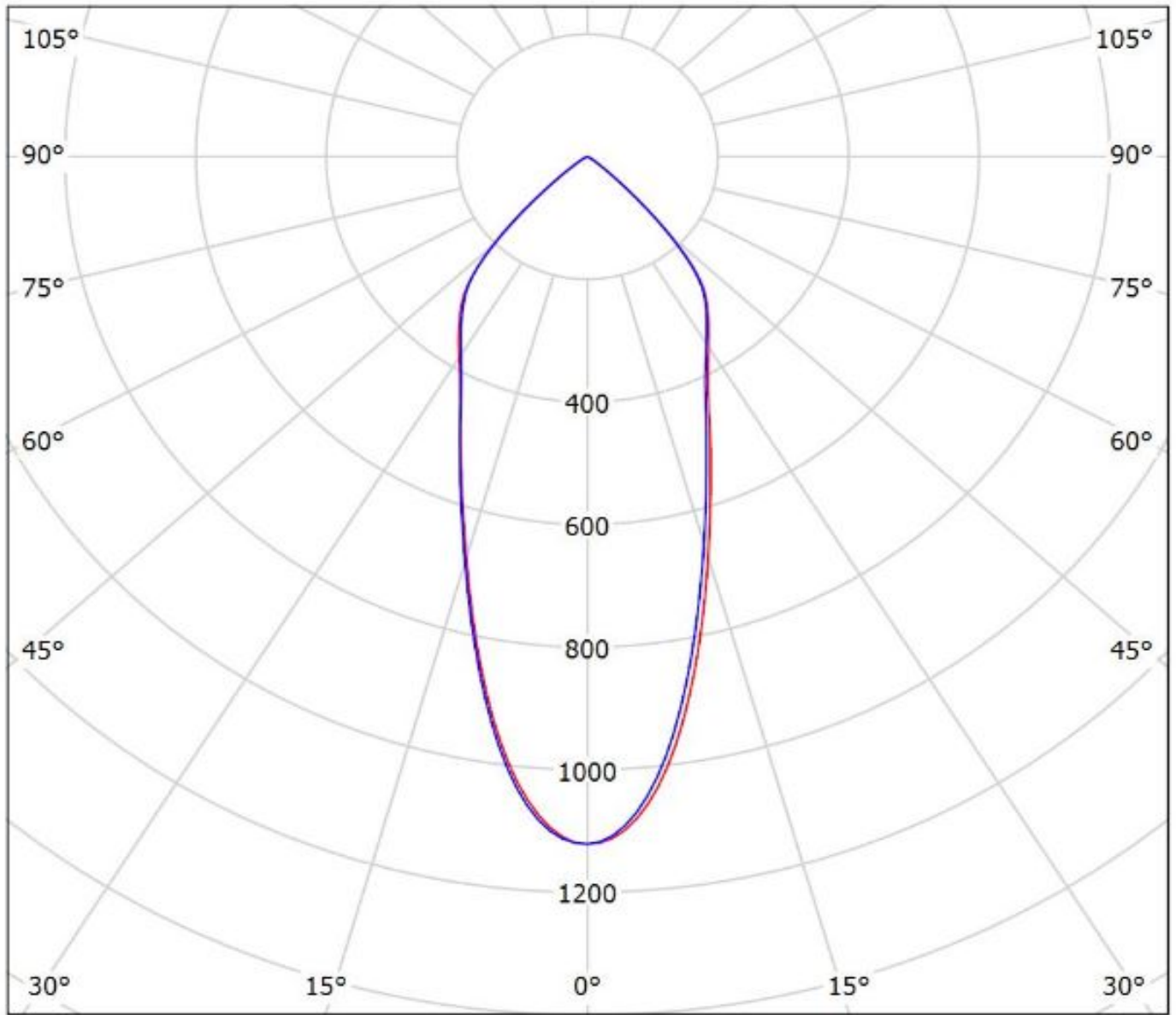
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: Ledil FC13975_ANGELINA-RZ-M_(PREVALED_Core_Z4)

Lamps: 1 x PREVALED_Core_Z4_LES19_1470.62lm@250mA_P=10.828W_I=0.25A



cd/klm

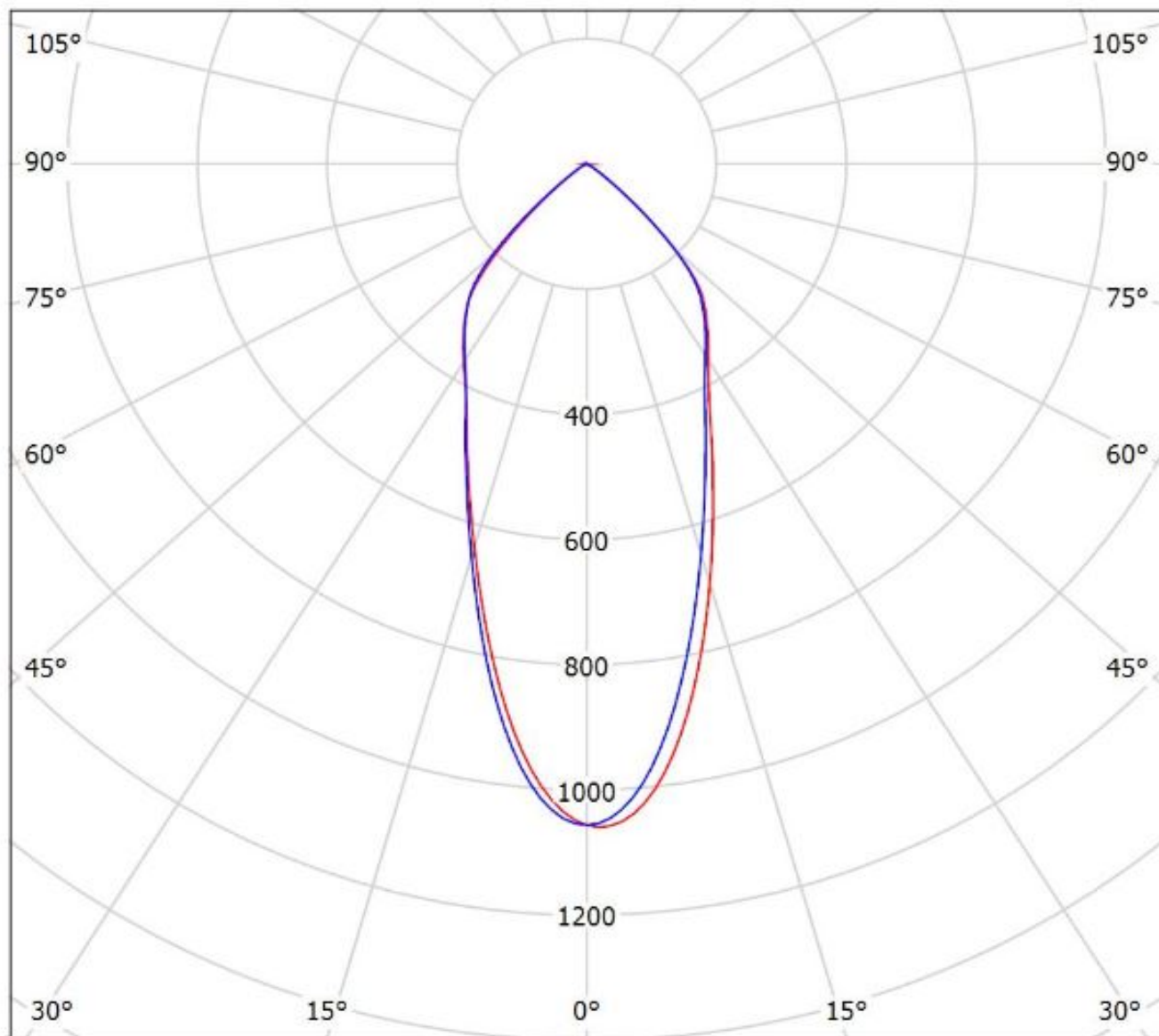
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: Ledil FC13975_ANGELINA-RZ-M (SLM_G5_LES_15_+TE)

Lamps: 1 x Philips_SLM_G5_LES_15_+TE_2213194-1_1277.72lm@250mA_P=8.208W_I=0.25A

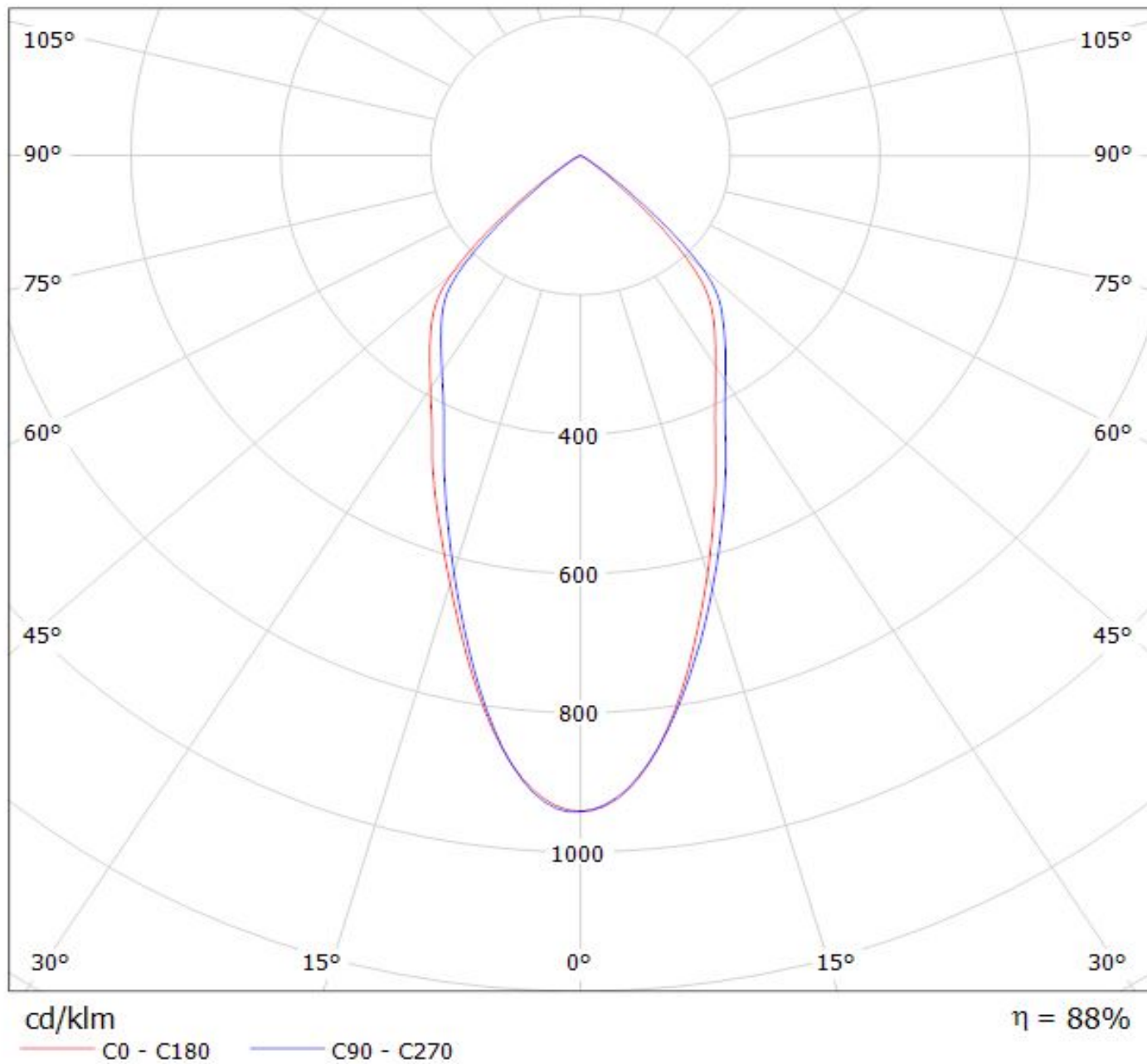


cd/klm

— C0 - C180 — C90 - C270

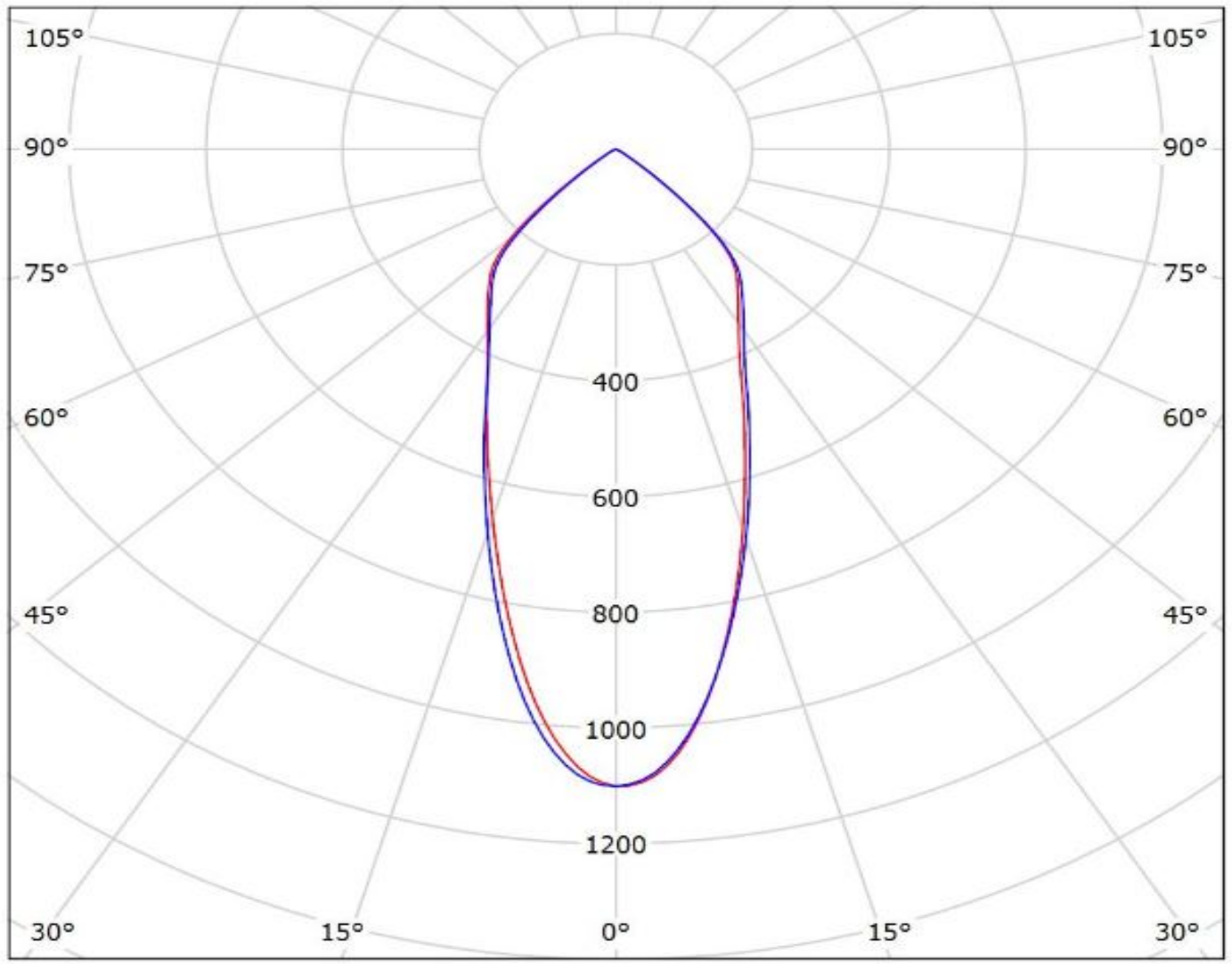
$\eta = 86\%$

Luminaire: Ledil FC13975_ANGELINA-RZ-M_(SEOUL_AC_Zhaga_COB)
Lamps: 1 x SEOUL_AC_Zhaga_COB



Ledil FC13975_ANGELINA-RZ-M_(MEZ_GW6) / LDC (Polar)

Luminaire: Ledil FC13975_ANGELINA-RZ-M_(MEZ_GW6)
Lamps: 1 x SHARP_Megazenigata_(GW6DME30NFC)
_1261.85lm@250mA_CCT=3038K_P=11.172W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

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.