# PRODUCT DATASHEET
# Tina series
last update 11/11/2016

## DETAILS



| | |
|---|---|
| **Product Number** | CA12056_TINA2-W |
| **Family** | Tina |
| **Type** | Assembly |
| **Color** | black |
| **Diameter** | 16,1 mm |
| **Height** | 9,7 mm |
| **Style** | round |
| **Optic Material** | PMMA |
| **Holder Material** | |
| **Fastening** | tape |
| **Status** | production ready |
| **ROHS Comliant** | Yes |
| **Date Updated** | 11/11/2016 |

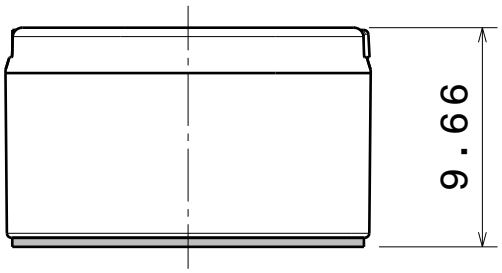
## OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Effi-ciency | cd/lm | Connector |
|---|---|---|---|---|---|
| XP-E | 50 deg | Wide | 88 % | 1.500 | - |
| XP-G | 57 deg | Wide | 88 % | 1.000 | - |
| XT-E | 46 deg | Wide | 87 % | 1.400 | - |
| XP-G2 | 54 deg | Wide | 88 % | 1.000 | - |
| XP-E2 | 52 deg | Wide | 89 % | 1.200 | - |
| H35B0 (LEMWA32) | 52 deg | Wide | 89 % | 1.300 | - |
| Z5 | 40 deg | Wide | 89 % | 1.500 | - |

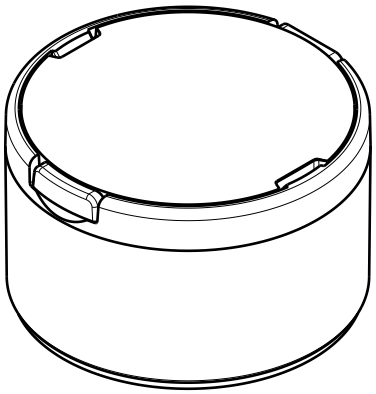


*Ledil Oy*
*Salorankatu 10*
*24240 SALO, Finland*

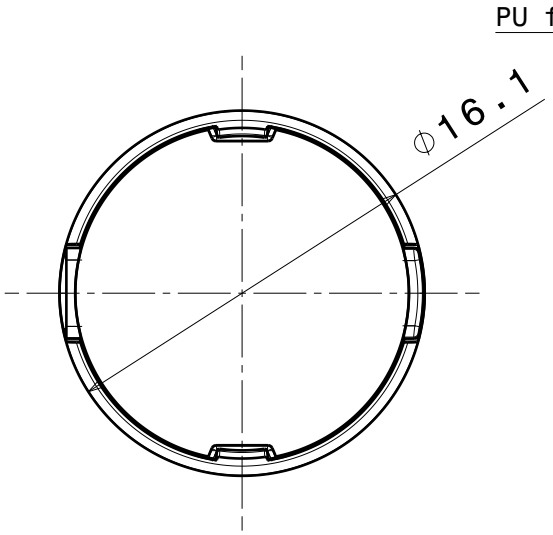
*http://www.ledil.com*
*email: ledil@ledil.com*
*FAX: +358-2-733 8001*



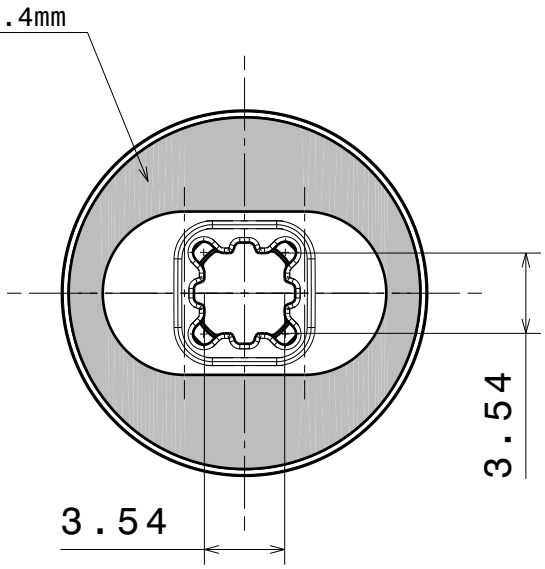

Bottom view
Scale: 3:1



Isometric view
Scale: 3:1




Front view
Scale: 3:1




Rear view
Scale: 3:1

| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|---|---|---|---|---|
| 1 | - | TINA2-lens | PMMA | |
| 2 | C11418 | TINA2-XP-HLD-TAPE-BLK | PC | black |

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

THIRD ANGLE PROJECTION:

DRAWING TITLE
TINA2-XP-series assembly

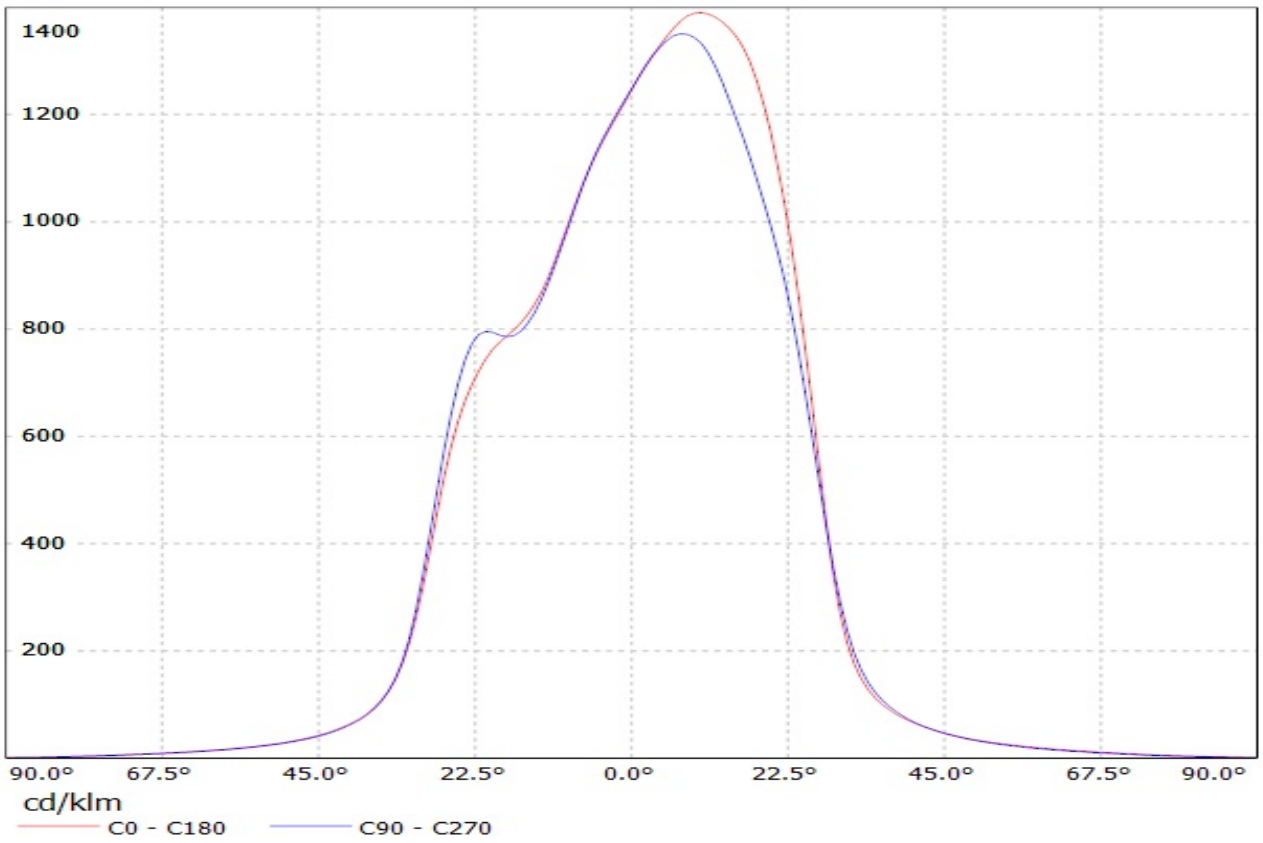
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE A4

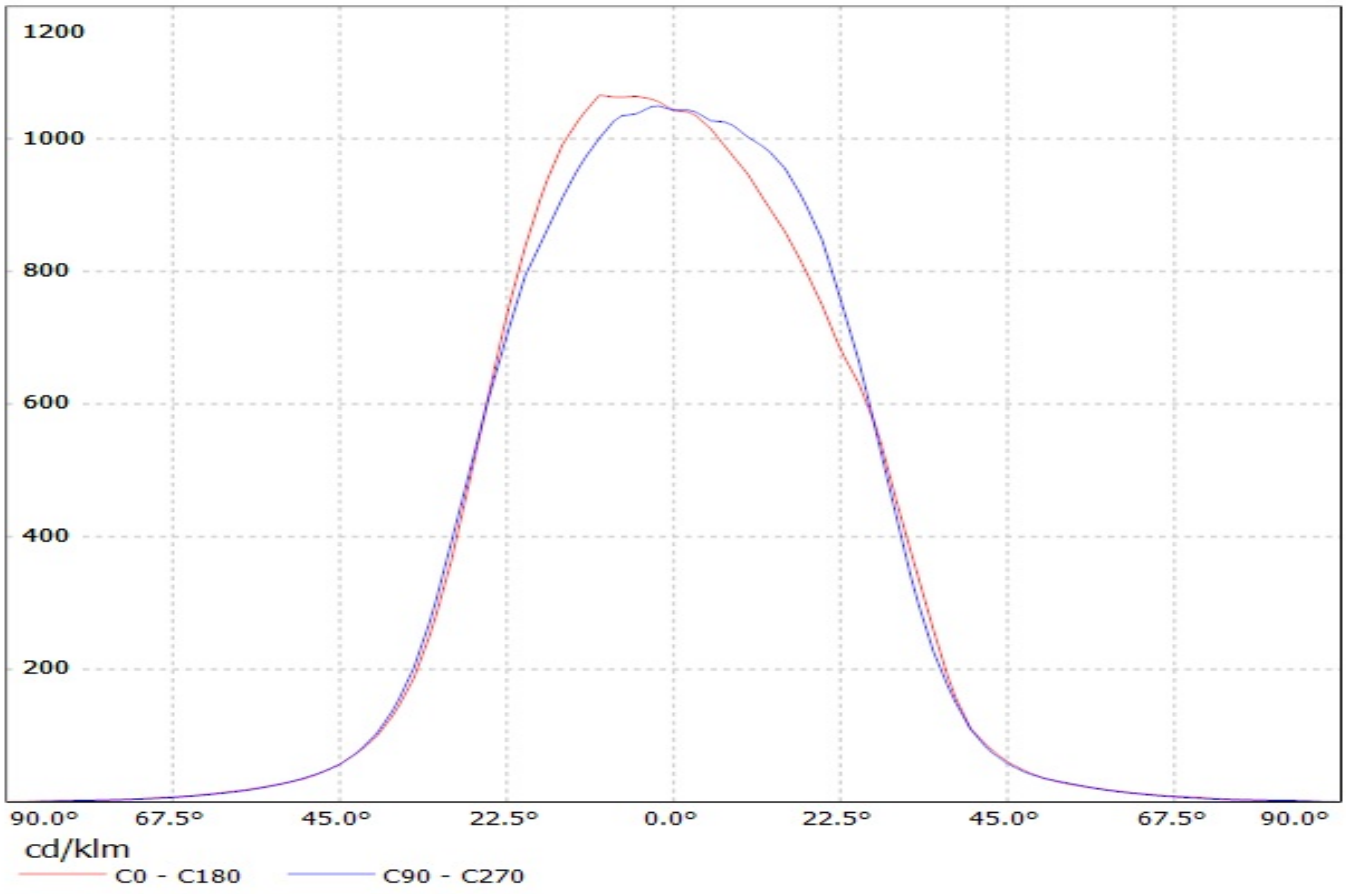
PART NUMBER -

SCALE 3:1 | WEIGHT 1,3 g | SHEET 1/1

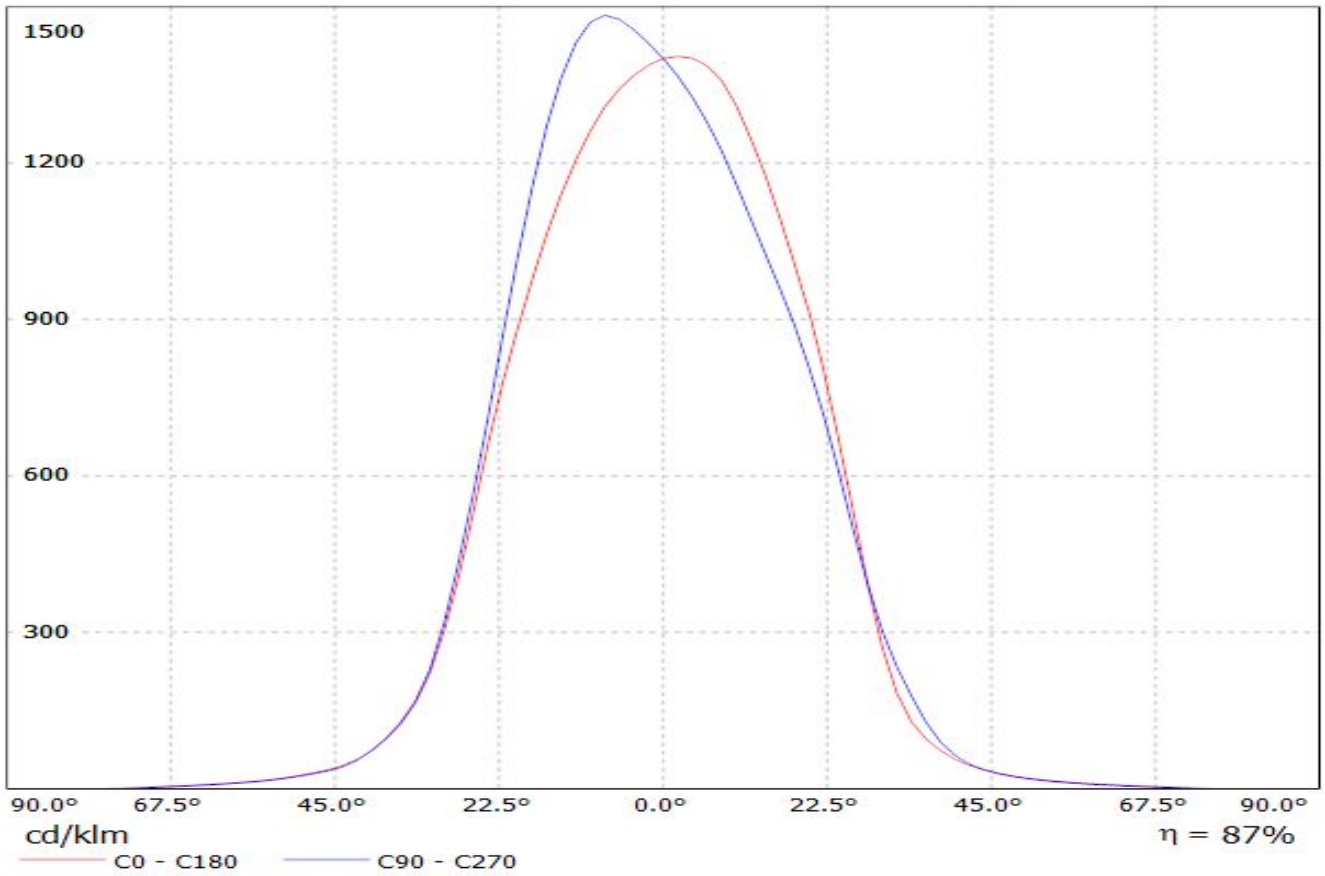
Luminaire: LEDIL OY CA12056_TINA2-W (XP-E) Efficiency=88%
Lamps: 1 x Cree XP-E (78lm @ 250mA)



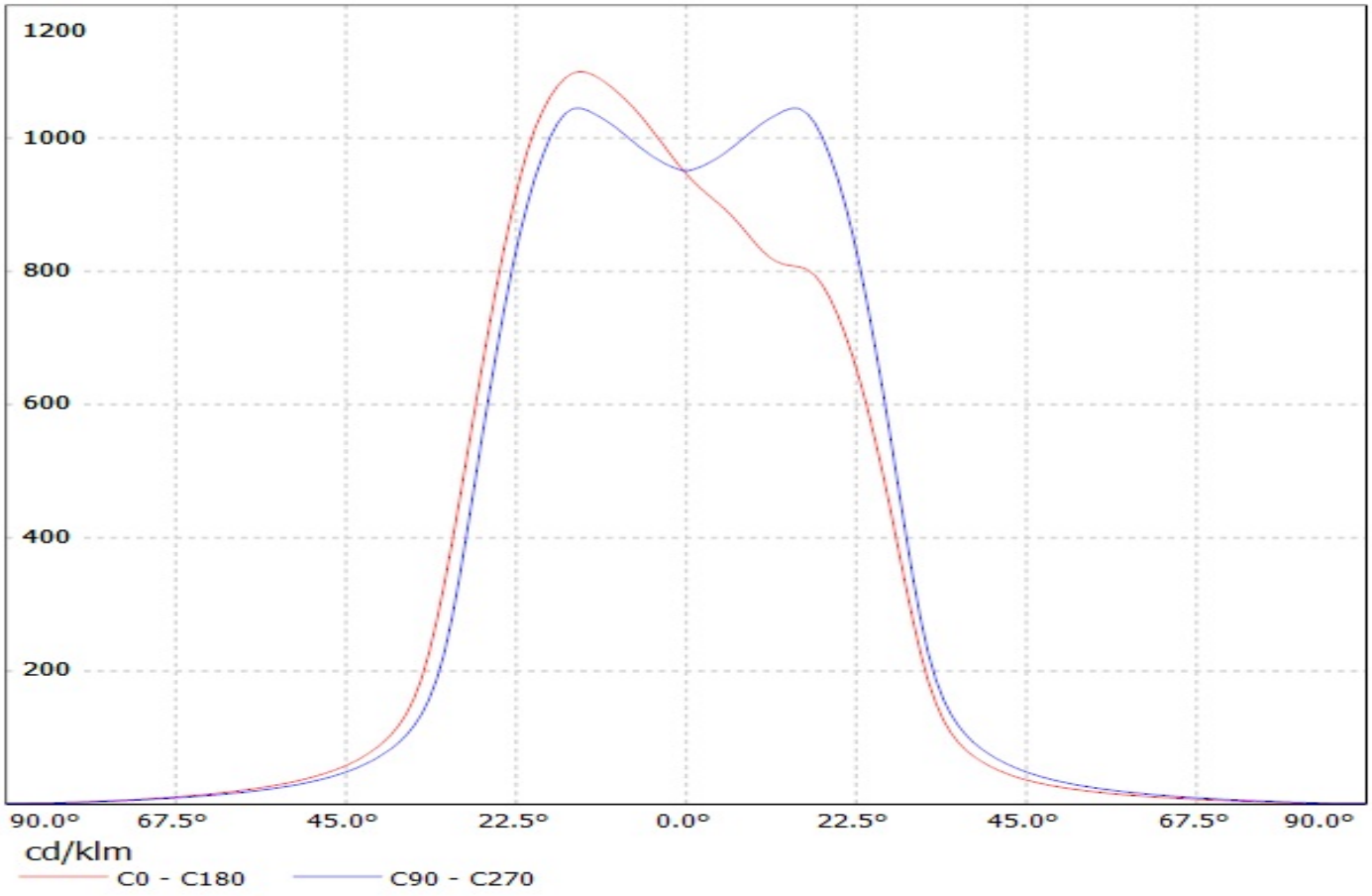
Luminaire: Ledil Oy CA12056_TINA2-W (Cree XP-G 92lm @ 250mA) Efficiency=88%
Lamps: 1 x Cree XP-G 92lm @ 250mA



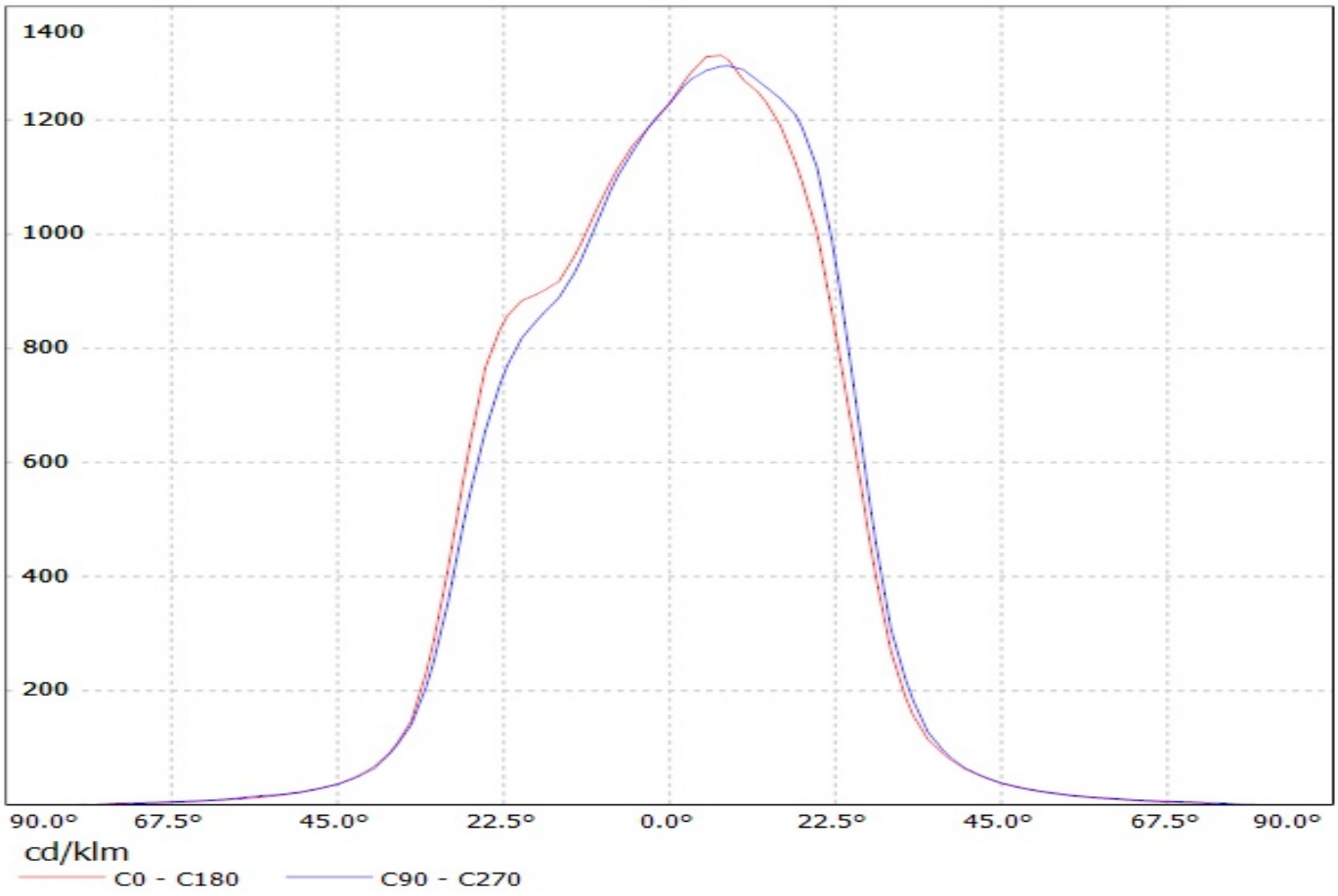
Luminaire: LEDiL CA12056_TINA2-W_(XT-E) Eff. 87%
Lamps: 1 x Cree XT-E (102lm@250mA)



Valaisin: LEDIL OY CA12056_TINA2-W_(XP-G2) Eff.88.2%
Lamput: 1 x XP-G2 (113lm@250mA)

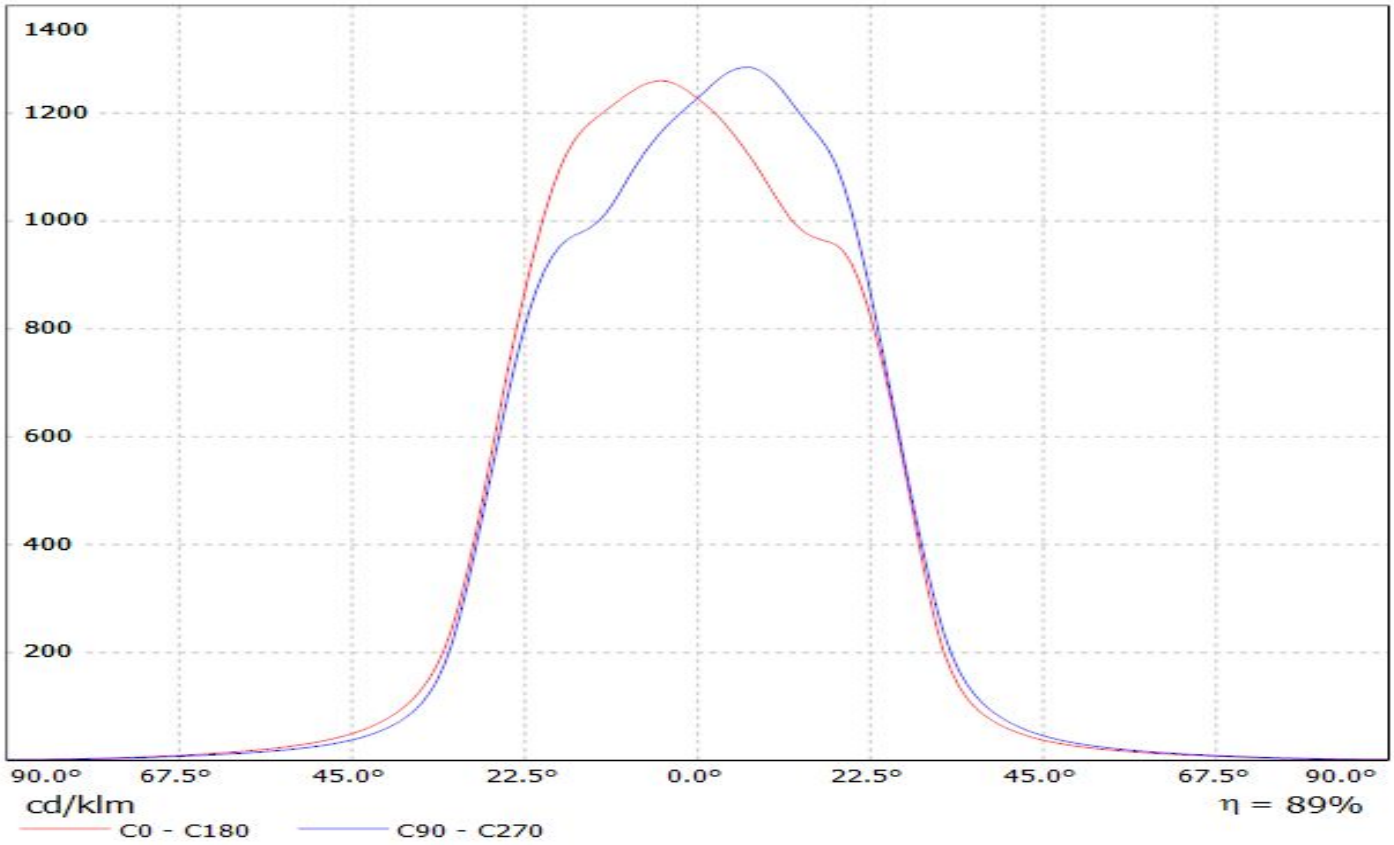


Luminaire: Ledil Oy CA12056_TINA2-W (CREE XP-E2 92 lm @ 250 mA) Efficiency=89%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA

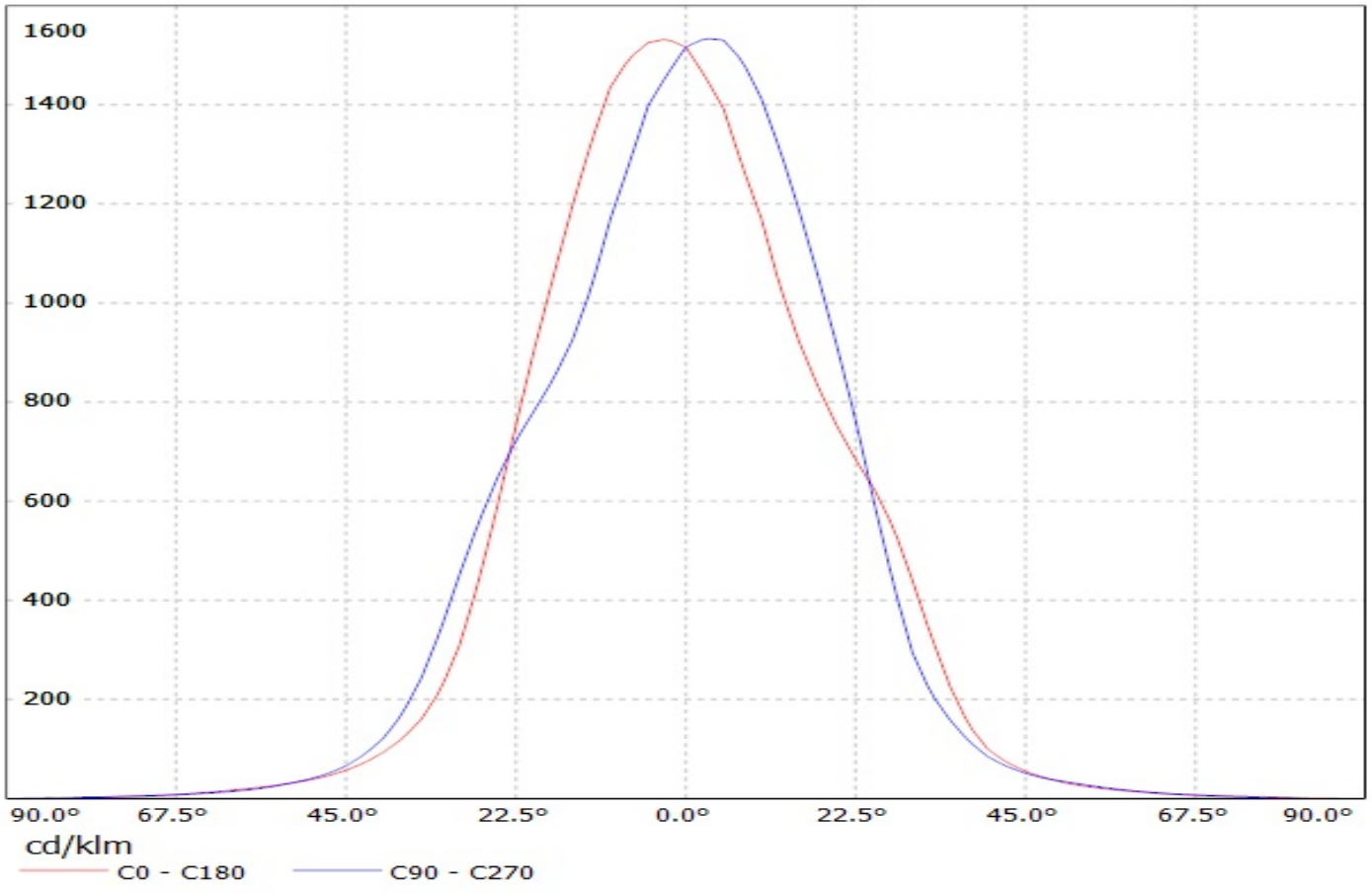


## LEDiL Oy CA12056_TINA2_W_(LG3535_2W) Eff.88.8% / LDC (Linear)

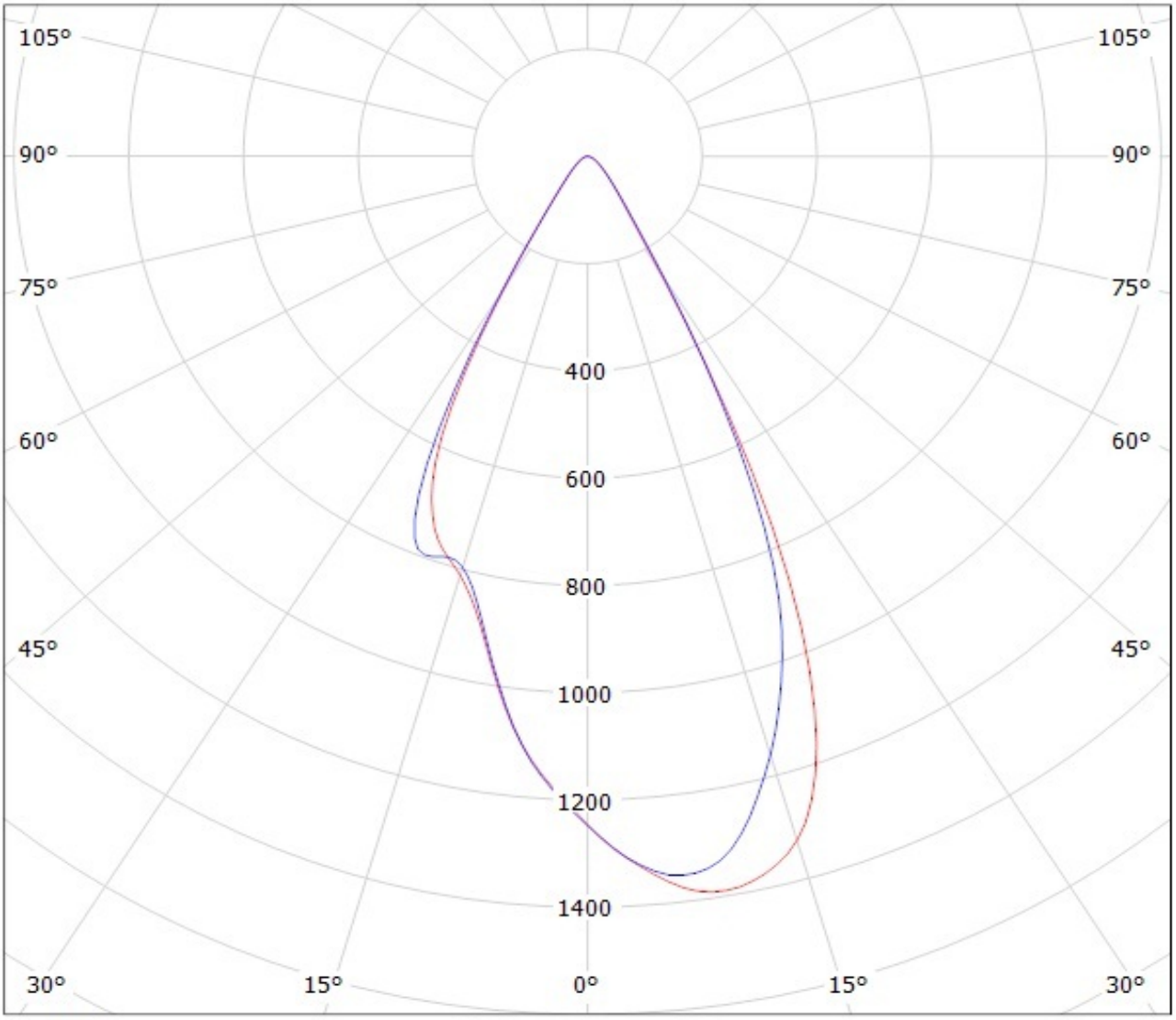
Luminaire: LEDiL Oy CA12056_TINA2_W_(LG3535_2W) Eff.88.8%
Lamps: 1 x LG3535_2W (97.2479lm@250mA)



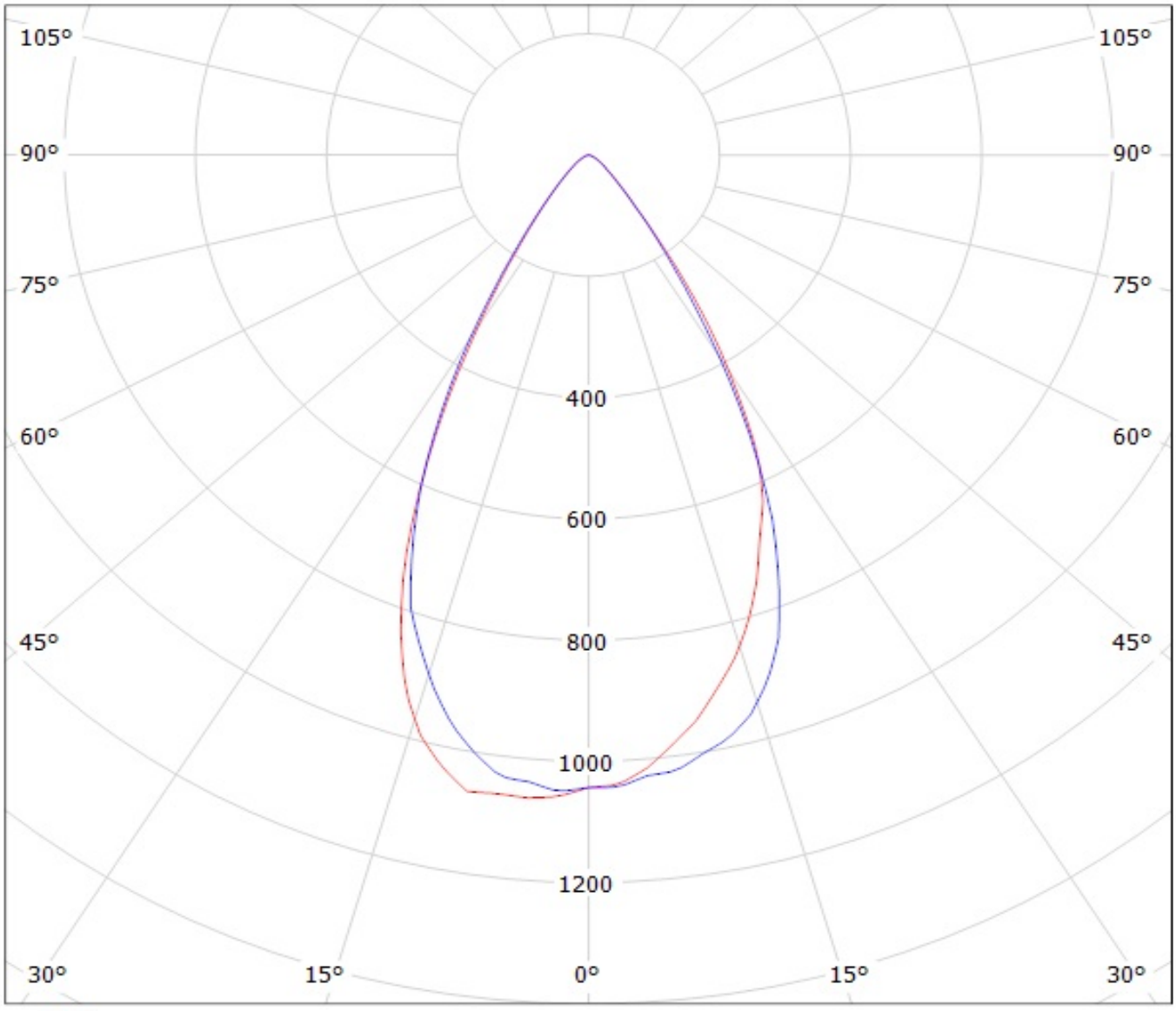
Luminaire: Ledil Oy CA12056_TINA2-W (Seoul Z5 78lm @ 250mA) Efficiency=89%
Lamps: 1 x Seoul Z5 78lm @ 250mA



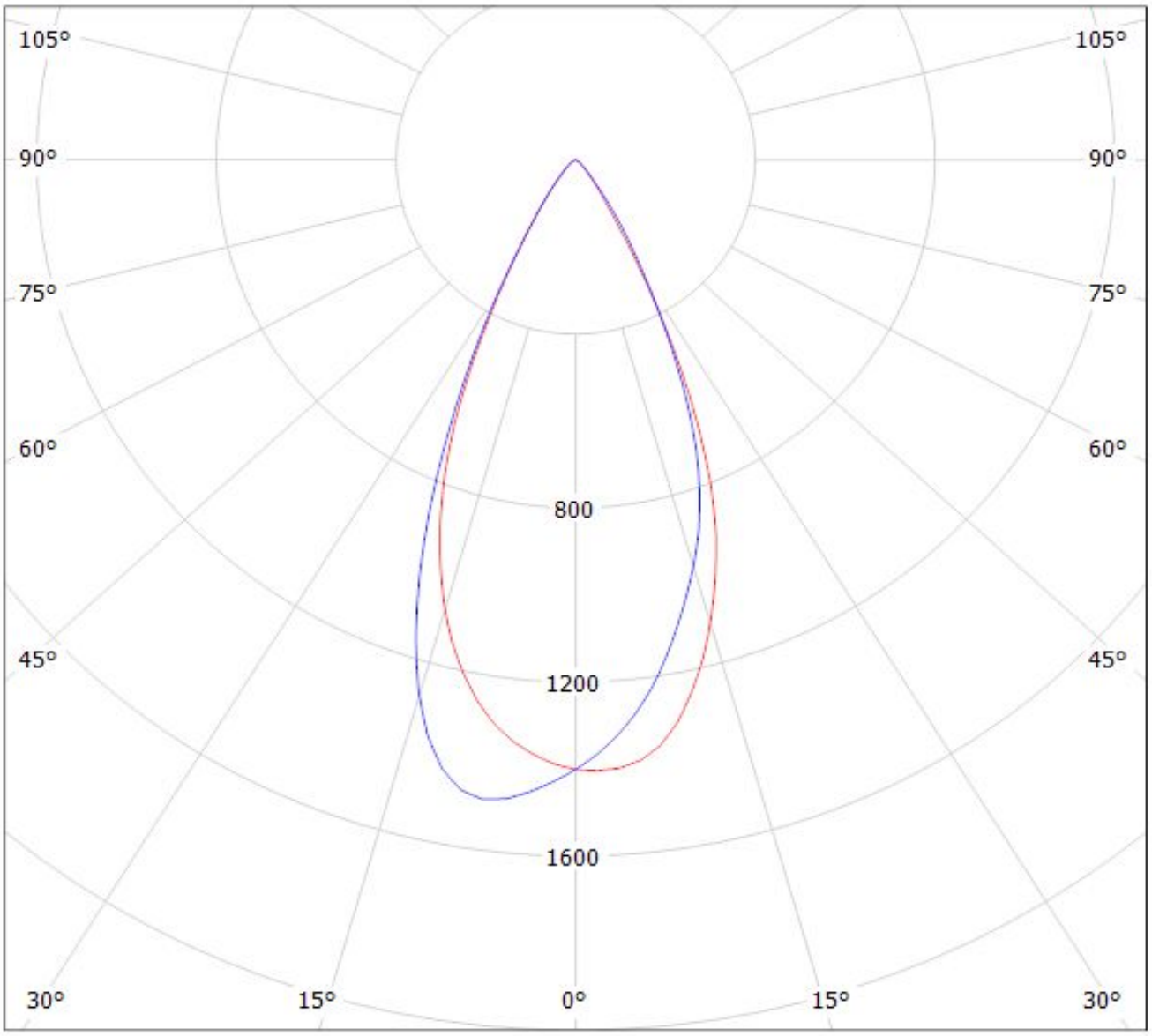
Luminaire: LEDIL OY CA12056_TINA2-W (XP-E) Efficiency=88%
Lamps: 1 x Cree XP-E (78lm @ 250mA)



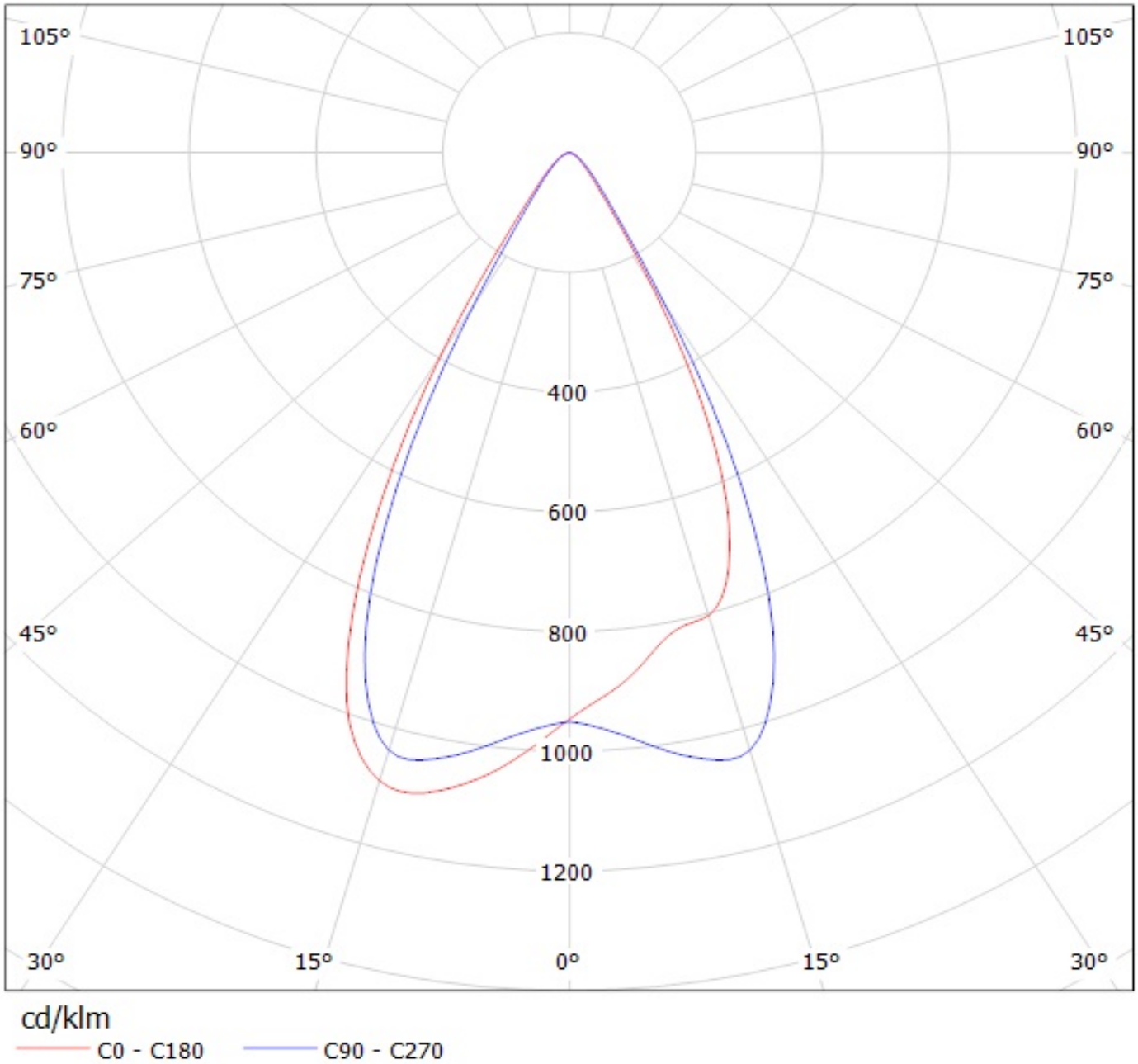
Luminaire: Ledil Oy CA12056_TINA2-W (Cree XP-G 92lm @ 250mA) Efficiency=88%
Lamps: 1 x Cree XP-G 92lm @ 250mA



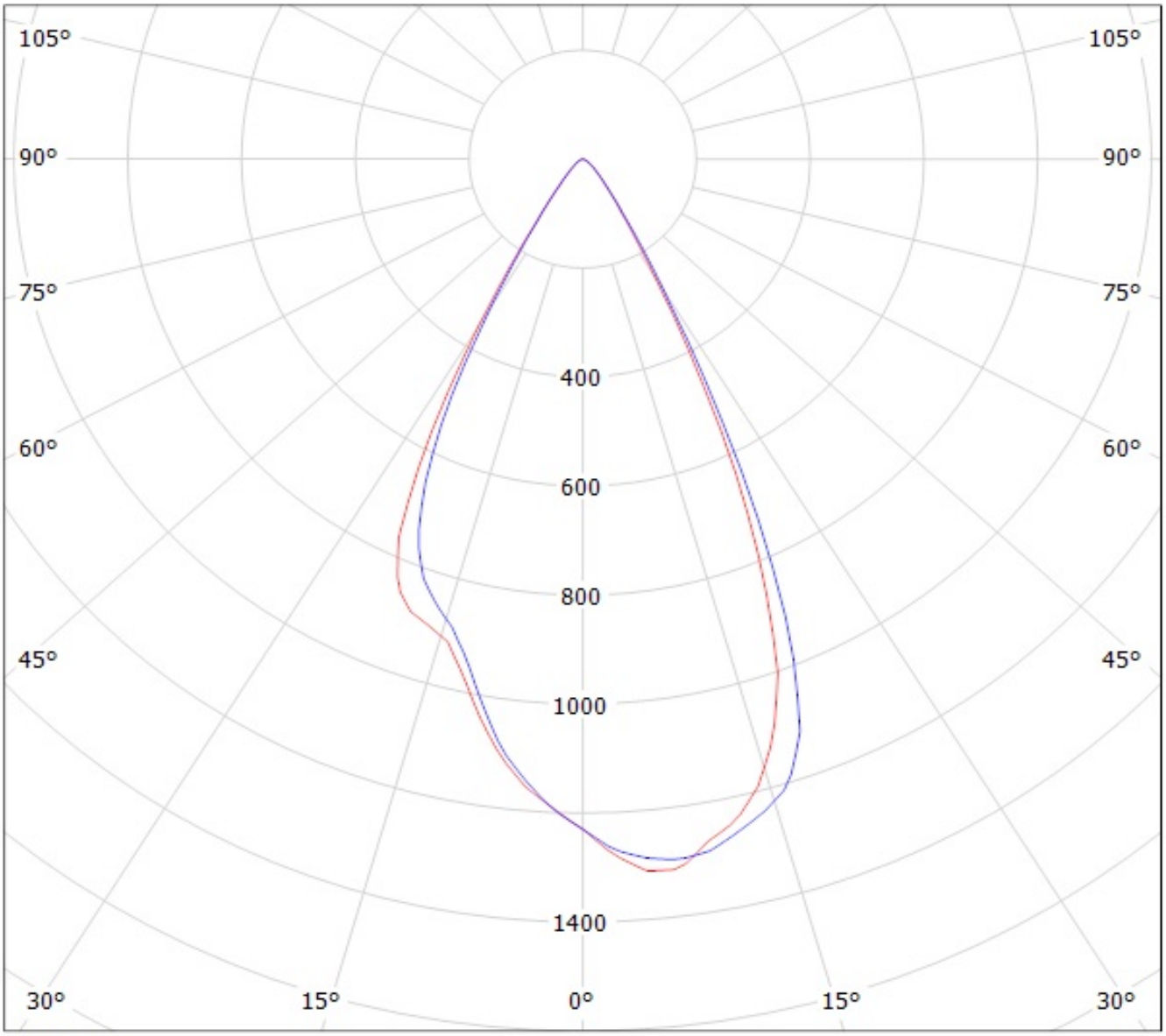
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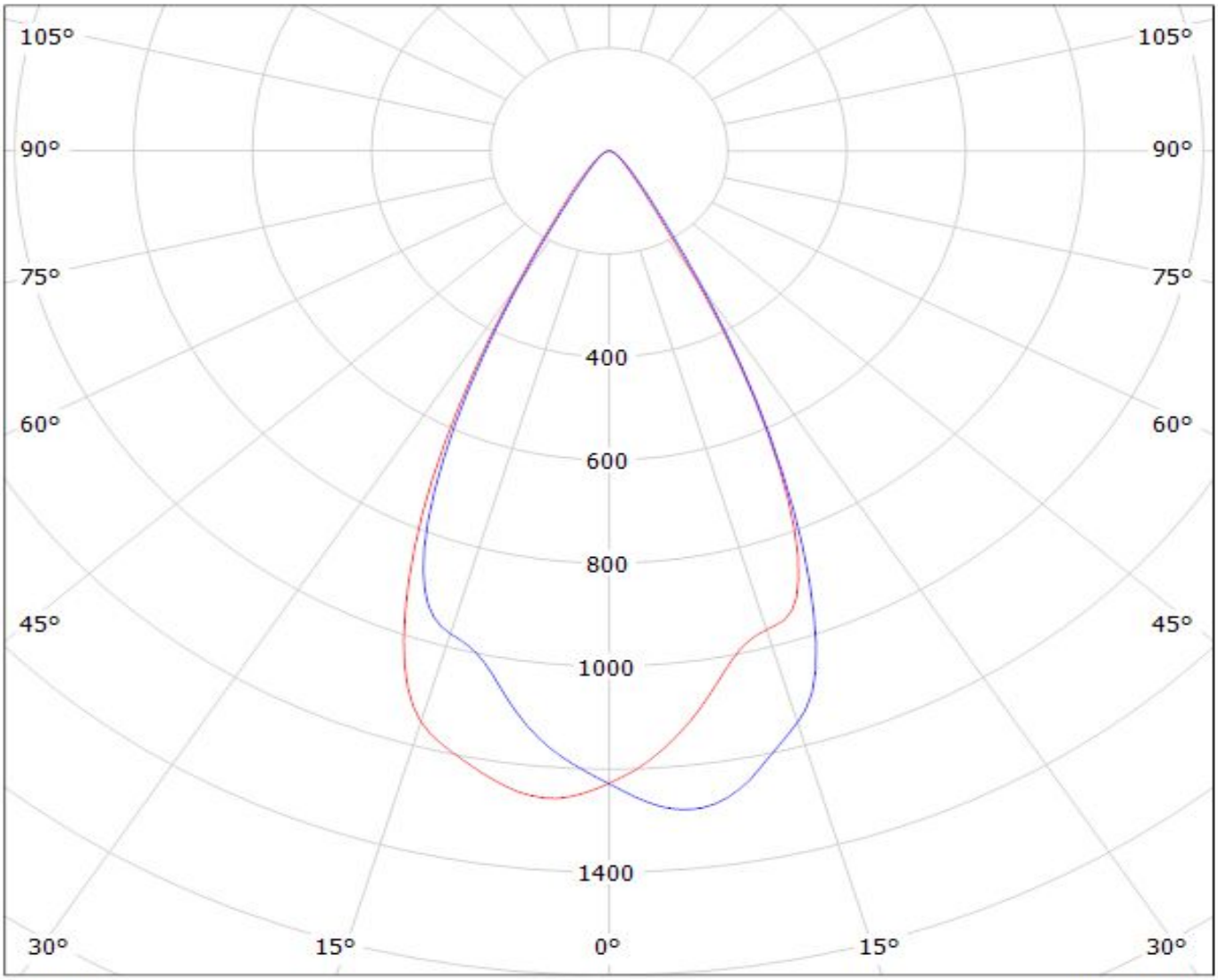


Luminaire: Ledil Oy CA12056_TINA2-W (CREE XP-E2 92 lm @ 250 mA) Efficiency=89%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA



## LEDiL Oy CA12056_TINA2_W_(LG3535_2W) Eff.88.8% / LDC (Polar)

Luminaire: LEDiL Oy CA12056_TINA2_W_(LG3535_2W) Eff.88.8%
Lamps: 1 x LG3535_2W (97.2479lm@250mA)

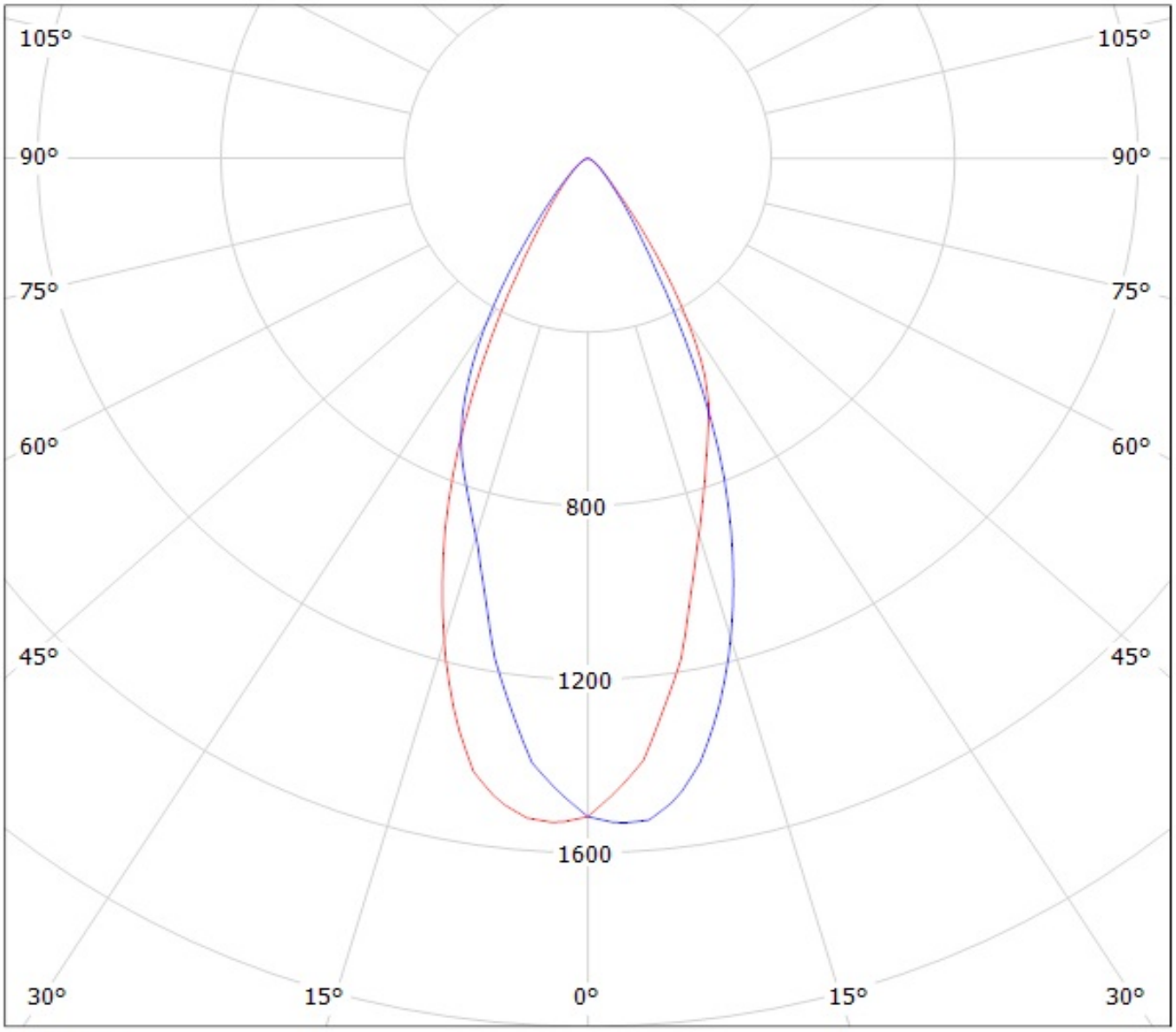



cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA12056_TINA2-W (Seoul Z5 78lm @ 250mA) Efficiency=89%
Lamps: 1 x Seoul Z5 78lm @ 250mA



**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.**