

DETAILS

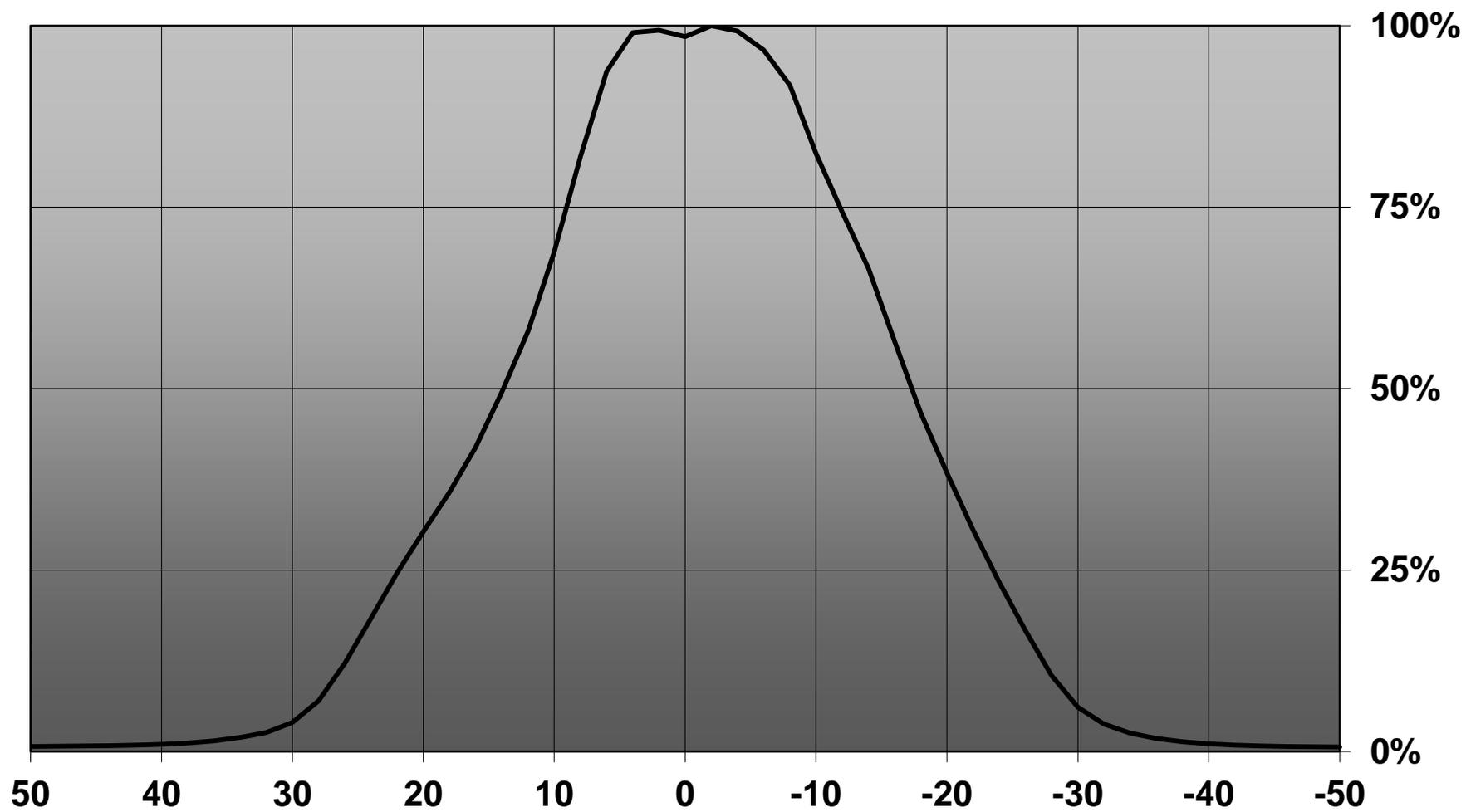
| | |
|------------------------|------------------|
| Product Number | FA11207_TINA-W |
| Family | Tina |
| Type | Assembly |
| Color | black |
| Diameter | 16,1 mm |
| Height | 9,5 mm |
| Style | round |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | tape, pin |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 13/11/2012 |



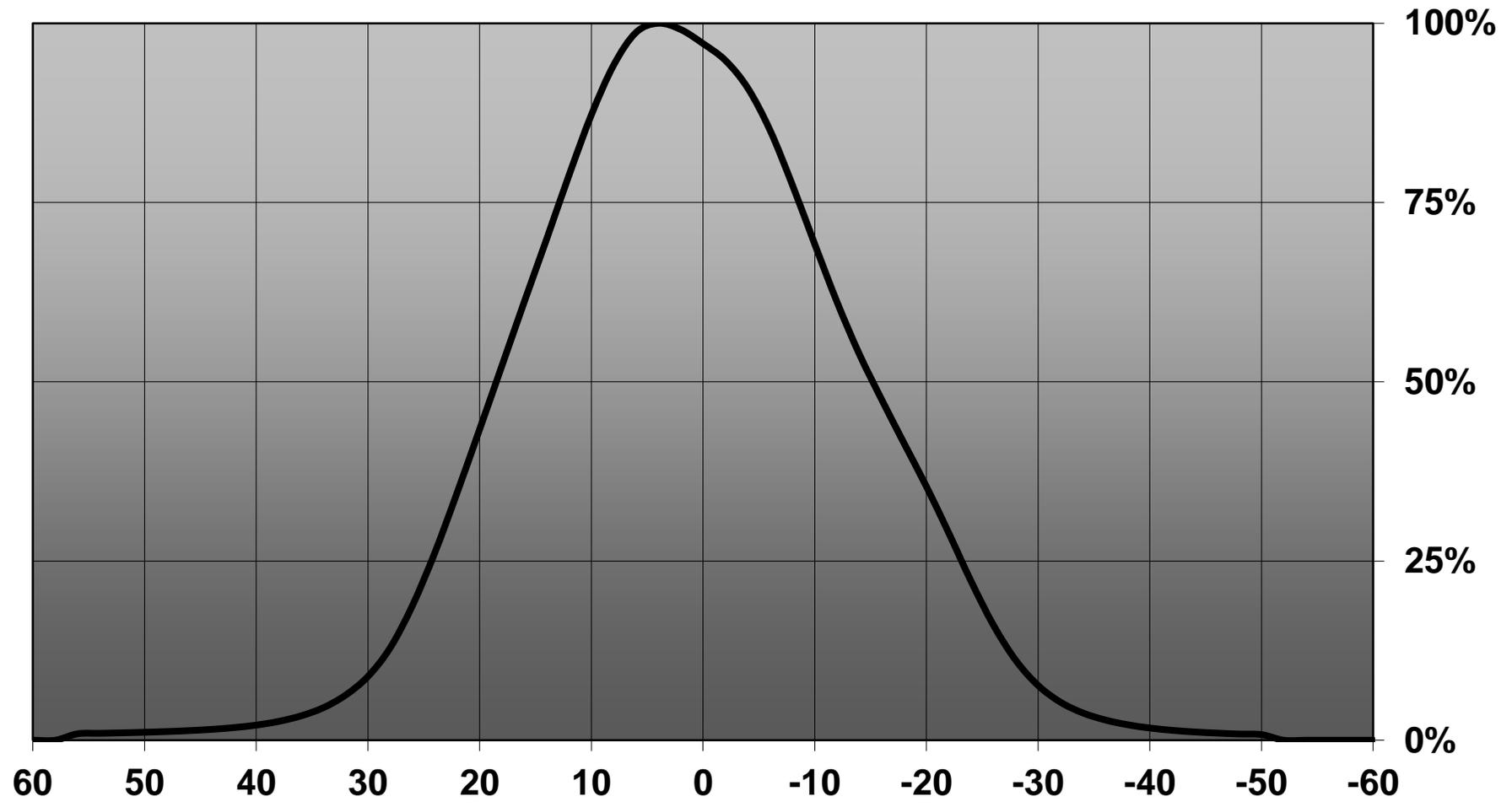
OPTICAL PROPERTIES

| LED | Viewing | Light | Effi- | | Connector |
|-------------------|---------|-------|-----------|------------|-----------|
| | Angle | Beam | ciency | cd/lm | |
| XB-H | 53 deg | Wide | 87 % | 1.200 | - |
| NVSxx19B/NVSxx19C | sim: 47 | Wide | sim: 88 % | sim: 1.500 | - |
| NVSW3x9A | 50 deg | Wide | 85 % | 1.200 | - |
| Oslon SSL 80 | 48 deg | Wide | 87 % | 1.100 | - |
| Oslon SSL 150 | 50 deg | Wide | 90 % | 0.900 | - |
| SFH 4715S | 32 deg | Wide | sim: 88 % | - | - |
| SFH 4725S | 34 deg | Wide | - | - | - |
| LH351A(3535) | 54 deg | Wide | 91 % | 0.790 | - |
| Z8Y22P | 41 deg | Wide | 83 % | 1.600 | - |

Relative intensity of FA11207_TINA-W_(SFH4715S)



Relative intensity of FA11207_TINA-W_(SFH4725S)



D

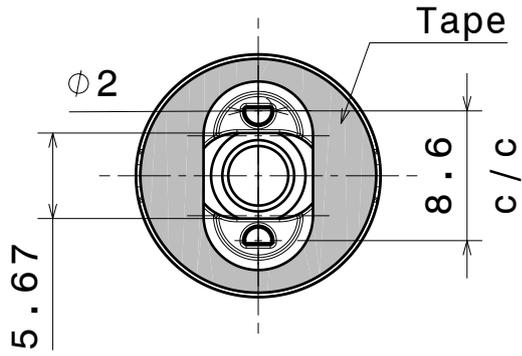
C

B

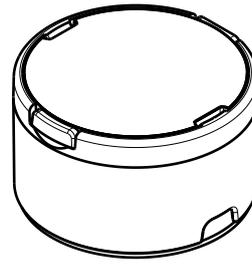
A

4

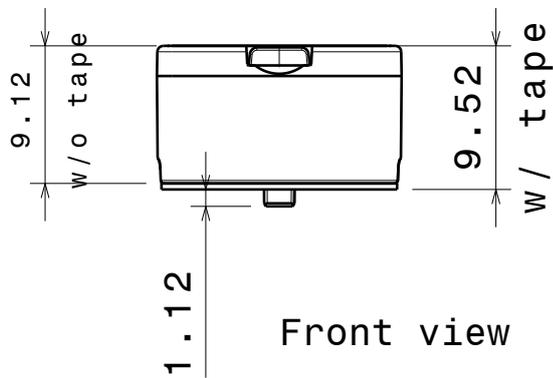
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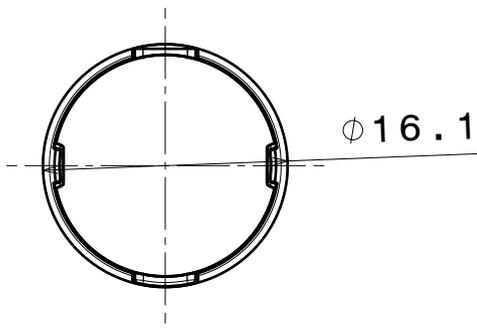
Bottom view



Isometric view



Front view



Top view

Materials
 Lens: PMMA
 Holder: PC
 Tape: PU Foam

3

3

2

2

1

1

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 Salorankatu 10
 FIN 24240 SALO
 Finland

DRAWING TITLE Mechanical Drawing

DRAWN BY
 as

DATE
 10.9.2012

TINA-OSL

CHECKED BY
 sn

DATE
 -

SIZE
 A4

PART NUMBER
 TINA-OSL

REV
 001

DESIGNED BY
 -

DATE
 -

SCALE 2:1

WEIGHT

1,47 g

SHEET

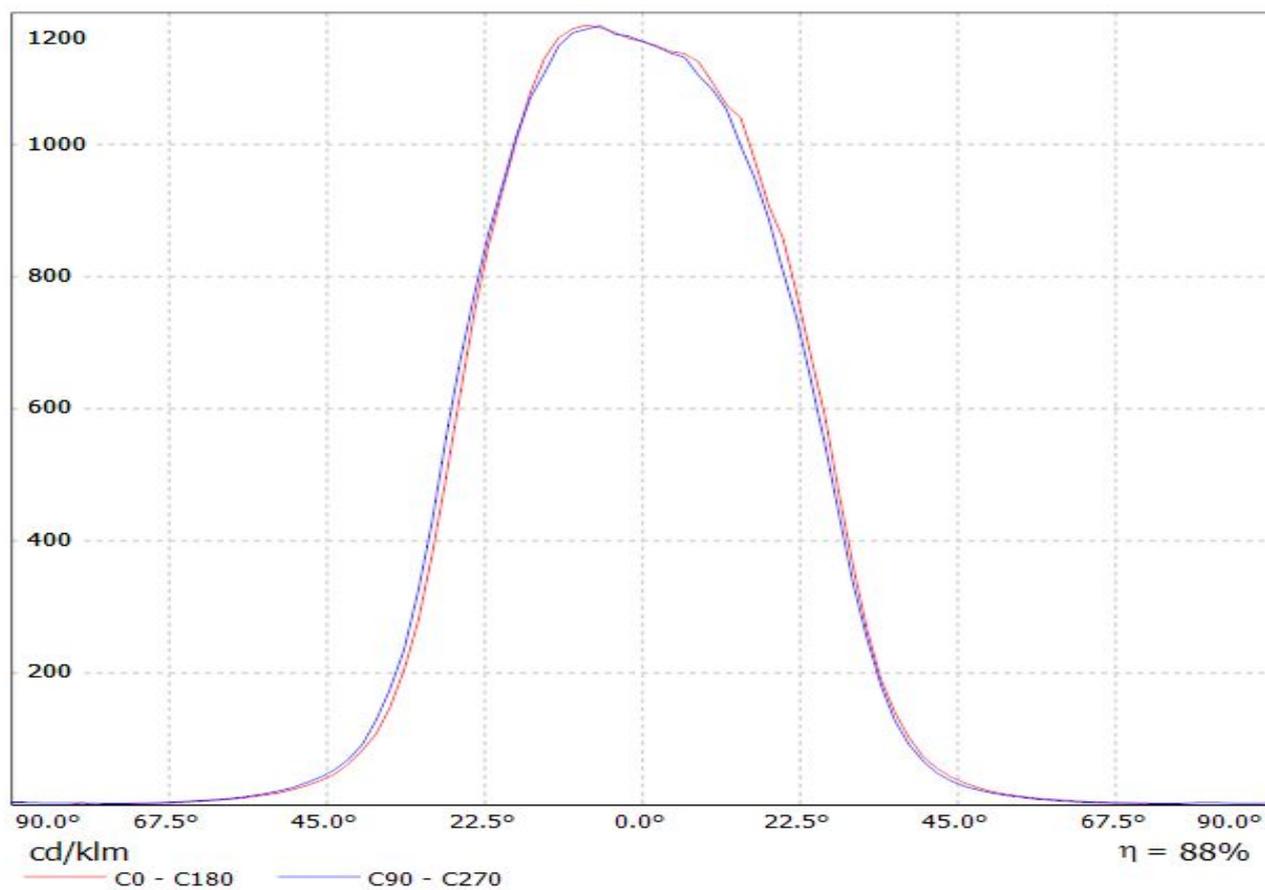
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D

A

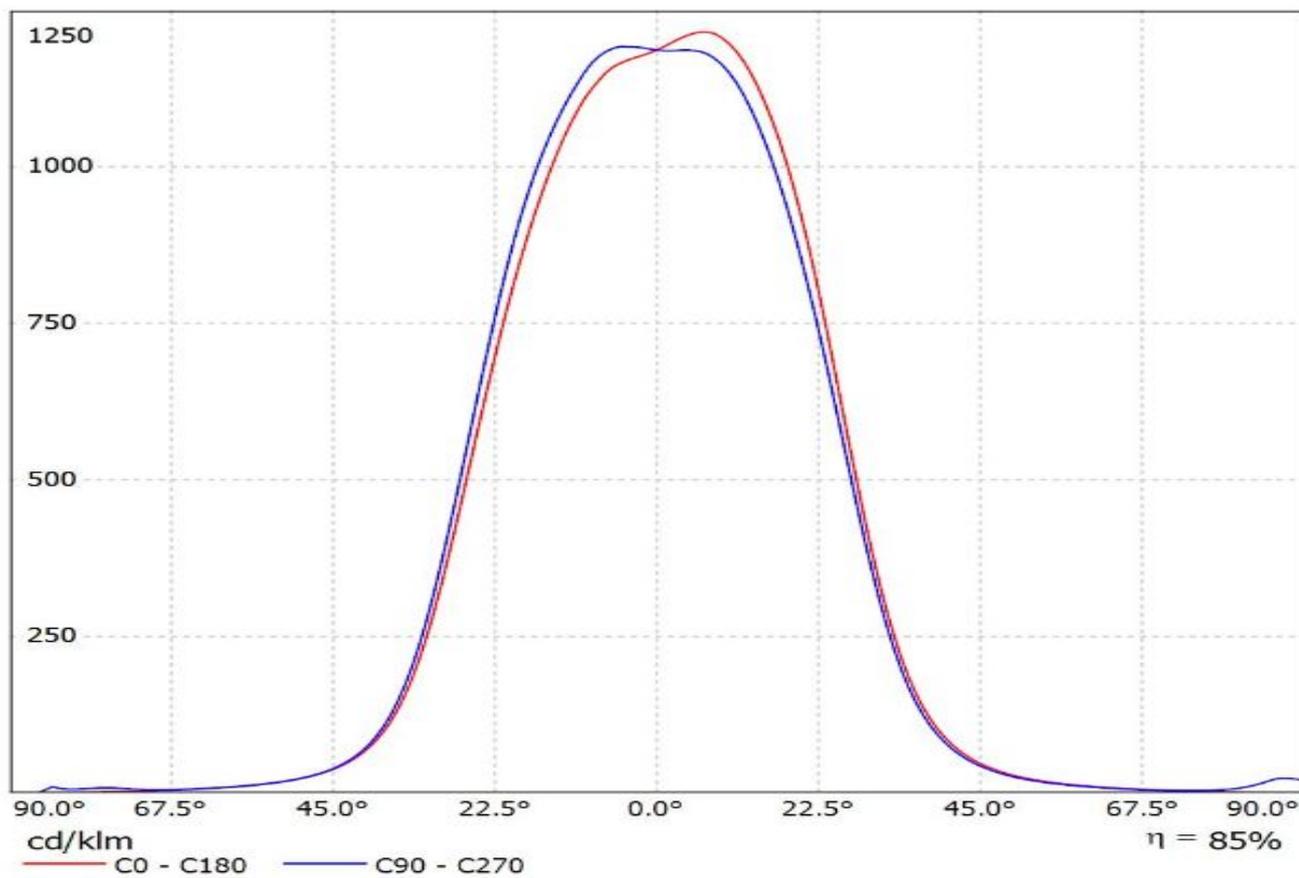
Luminaire: Ledil Oy FA11207_TINA-W_(XB-H)

Lamps: 1 x cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



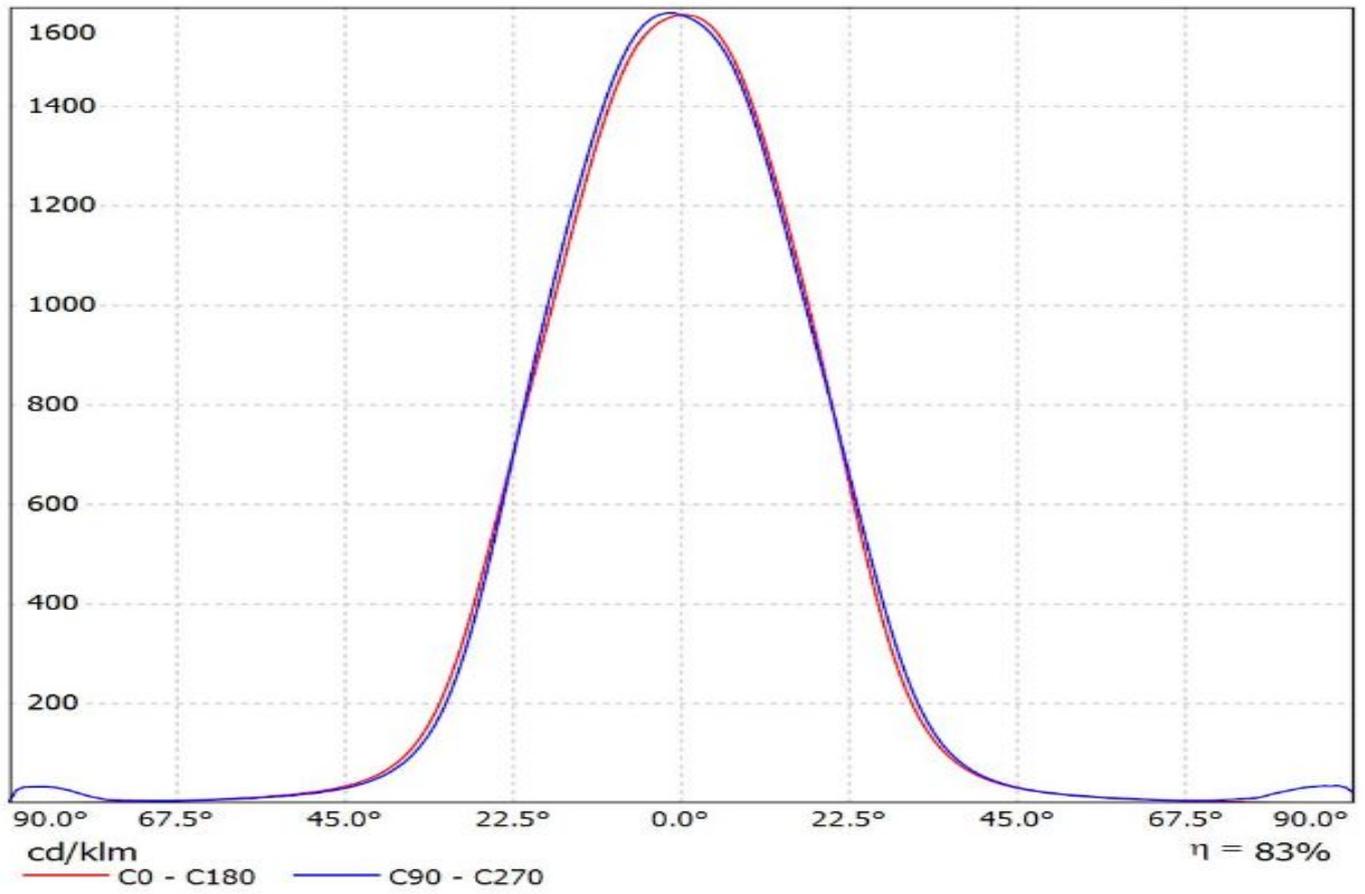
Luminaire: LEDiL Oy FA11207_TINA-W_(NVSW3x9A)

Lamps: 1 x Nichia_NVSW3x9A_(sm405/R70)_122.334lm@250mA_P=0.705435W_I=0.250A



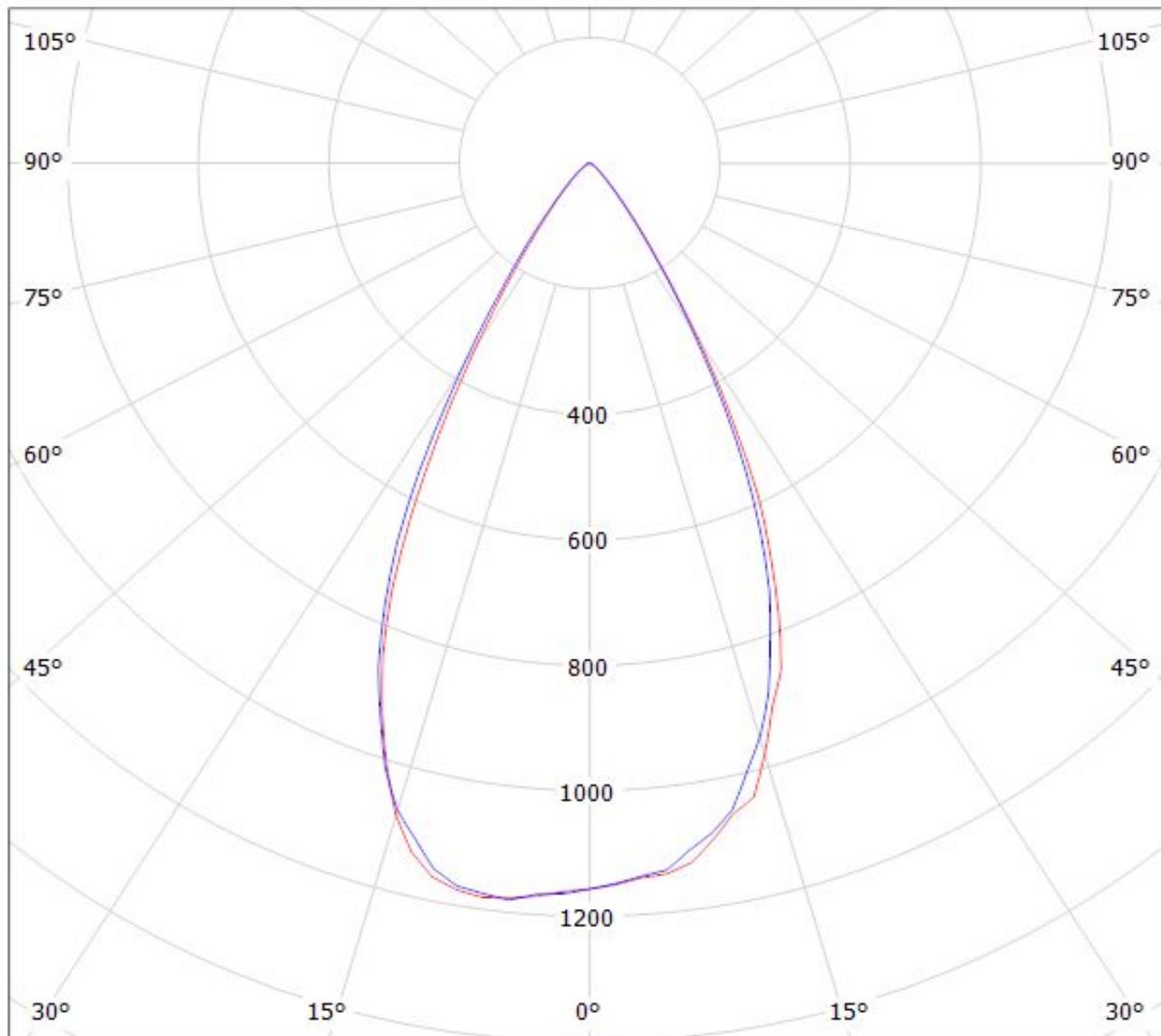
Luminaire: LEDiL Oy FA11207_TINA-W_(Z8Y22plus)

Lamps: 1 x Seoul_Z8Y22plus_(W6E2G)_125.652lm@250mA_P=0.69312W_I=0.250A



Luminaire: Ledil Oy FA11207_TINA-W_(XB-H)

Lamps: 1 x cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



cd/klm

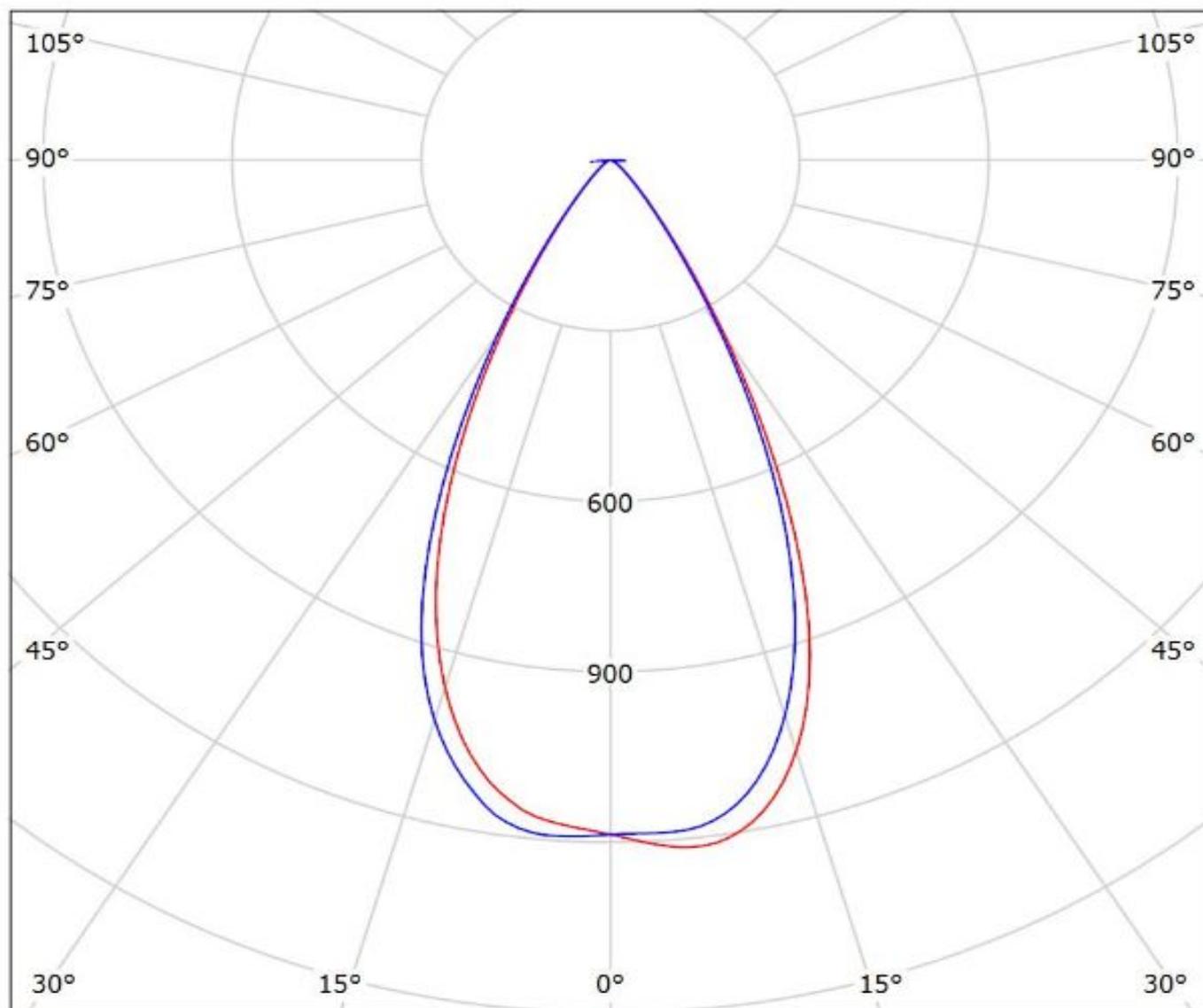
η = 88%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy FA11207_TINA-W_(NVSW3x9A)

Lamps: 1 x Nichia_NVSW3x9A_(sm405/R70)_122.334lm@250mA_P=0.705435W_I=0.250A



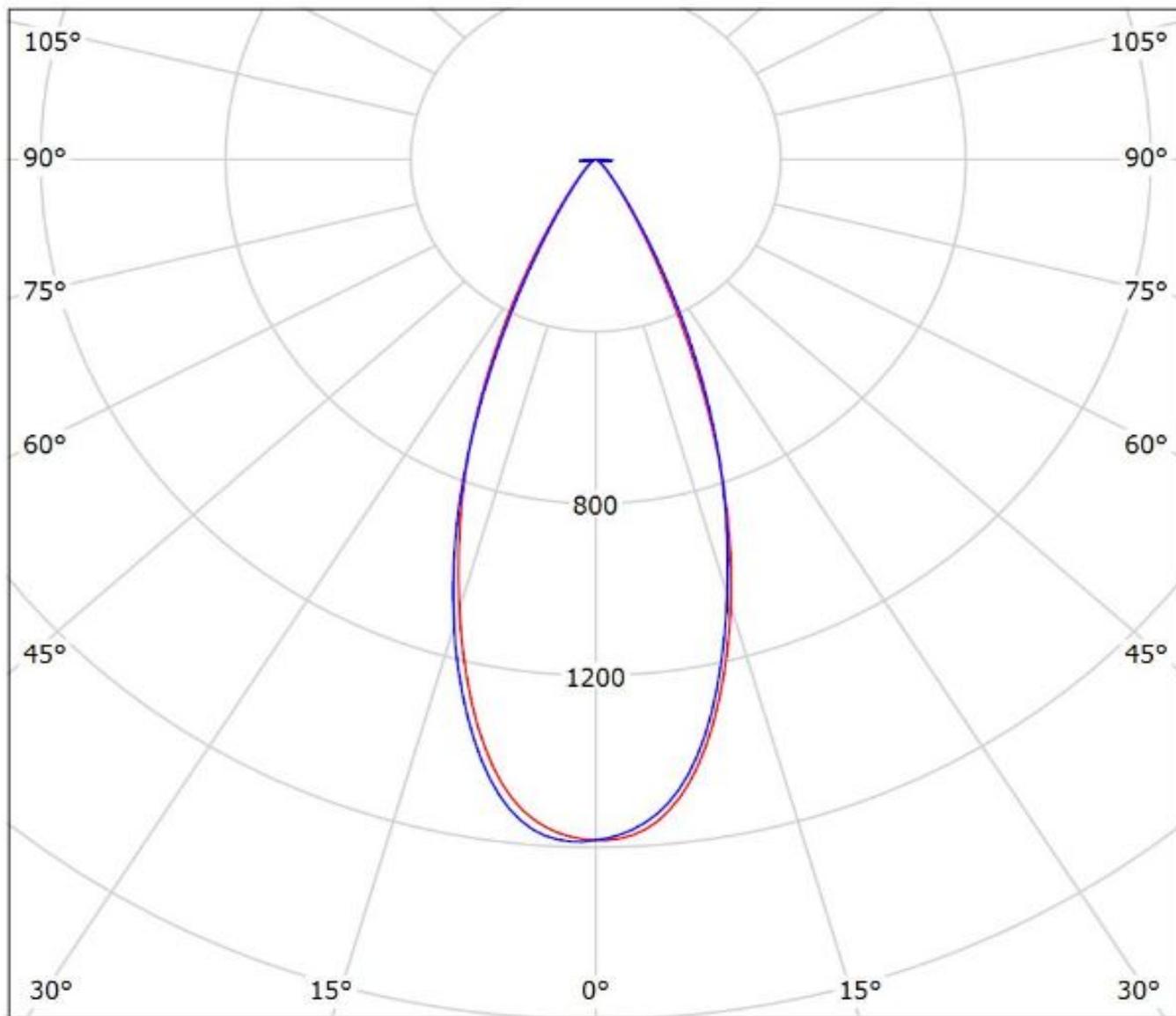
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: LEDiL Oy FA11207_TINA-W_(Z8Y22plus)

Lamps: 1 x Seoul_Z8Y22plus_(W6E2G)_125.652lm@250mA_P=0.69312W_I=0.250A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

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.