# PRODUCT DATASHEET
# Minnie series
last update 14/10/2016

## DETAILS

| | |
|---|---|
| **Product Number** | CA14942_MINNIE-LT-W-PIN |
| **Family** | Minnie |
| **Type** | RefAssy |
| **Color** | metal |
| **Diameter** | 35 mm |
| **Height** | 15,6 mm |
| **Style** | round |
| **Optic Material** | |
| **Holder Material** | |
| **Fastening** | tape, pin |
| **Status** | production ready |
| **ROHS Comliant** | Yes |
| **Date Updated** | 14/10/2016 |

## OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Effi-ciency | cd/lm | Connector |
|---|---|---|---|---|---|
| LUXEON M | 30 deg | Wide | 93 % | 1.900 | - |
| NFMW48xA | 29 deg | Wide | 92 % | 2.000 | - |
| Duris S10 | 34 deg | Wide | 91 % | 1.700 | - |



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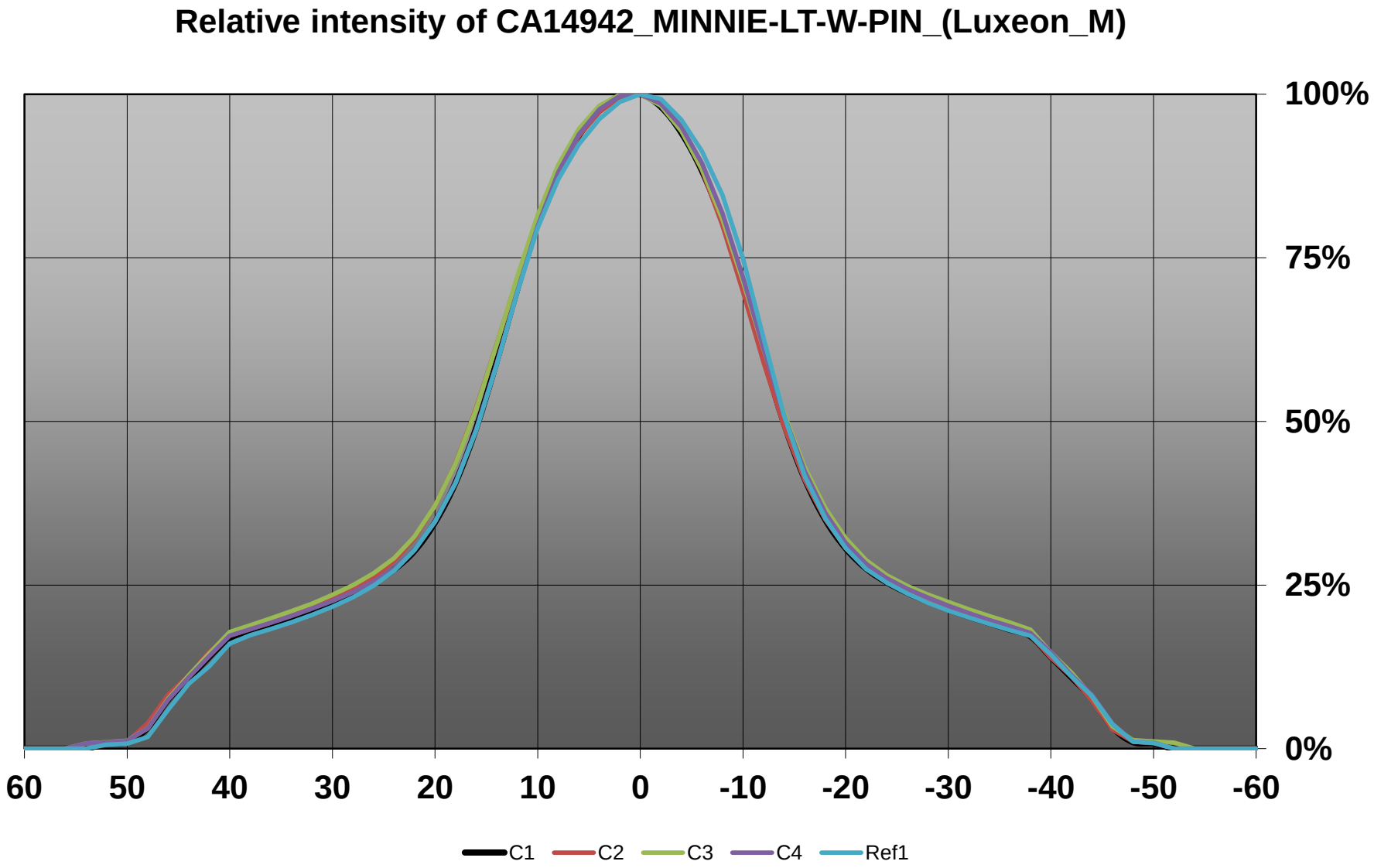
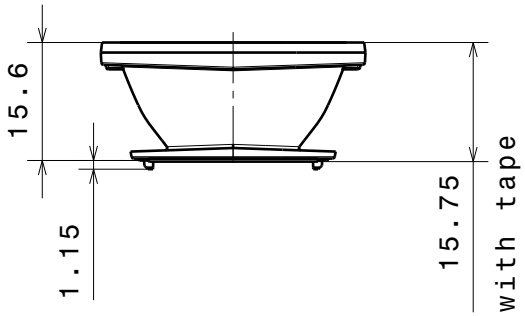
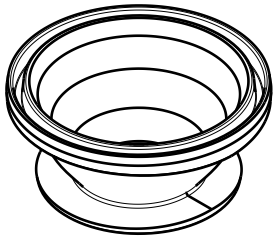
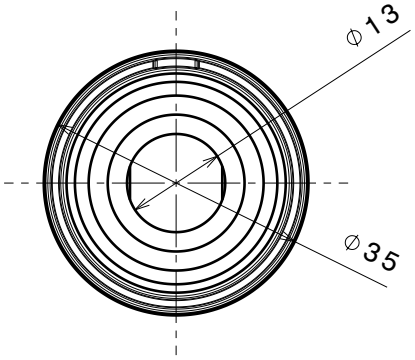

Relative intensity of CA14942_MINNIE-LT-W-PIN_(Luxeon_M)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
C1
C2
C3
C4
Ref1



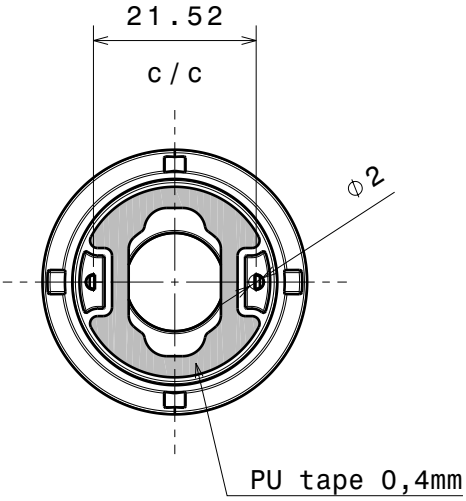

Front view



Isometric view




Top view




Bottom view

| INDEX | DESCRIPTION | MATERIAL | COLOUR |
|---|---|---|---|
| 1 | MINNIE-LT-PIN_MechModel | PC | metal |

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

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THIRD ANGLE PROJECTION:



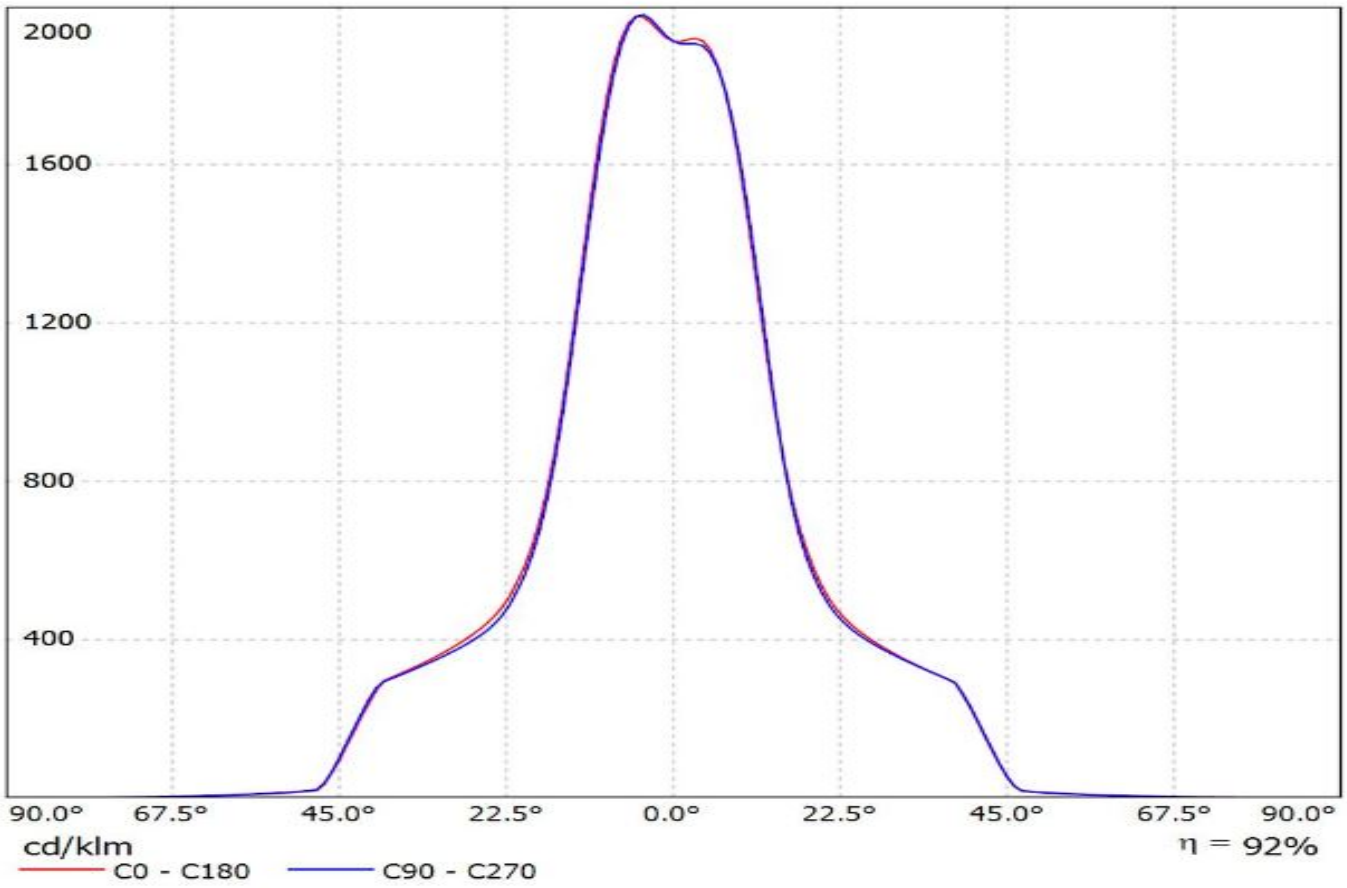
DRAWING TITLE

MINNIE-LT-PIN-Tape_MechModel

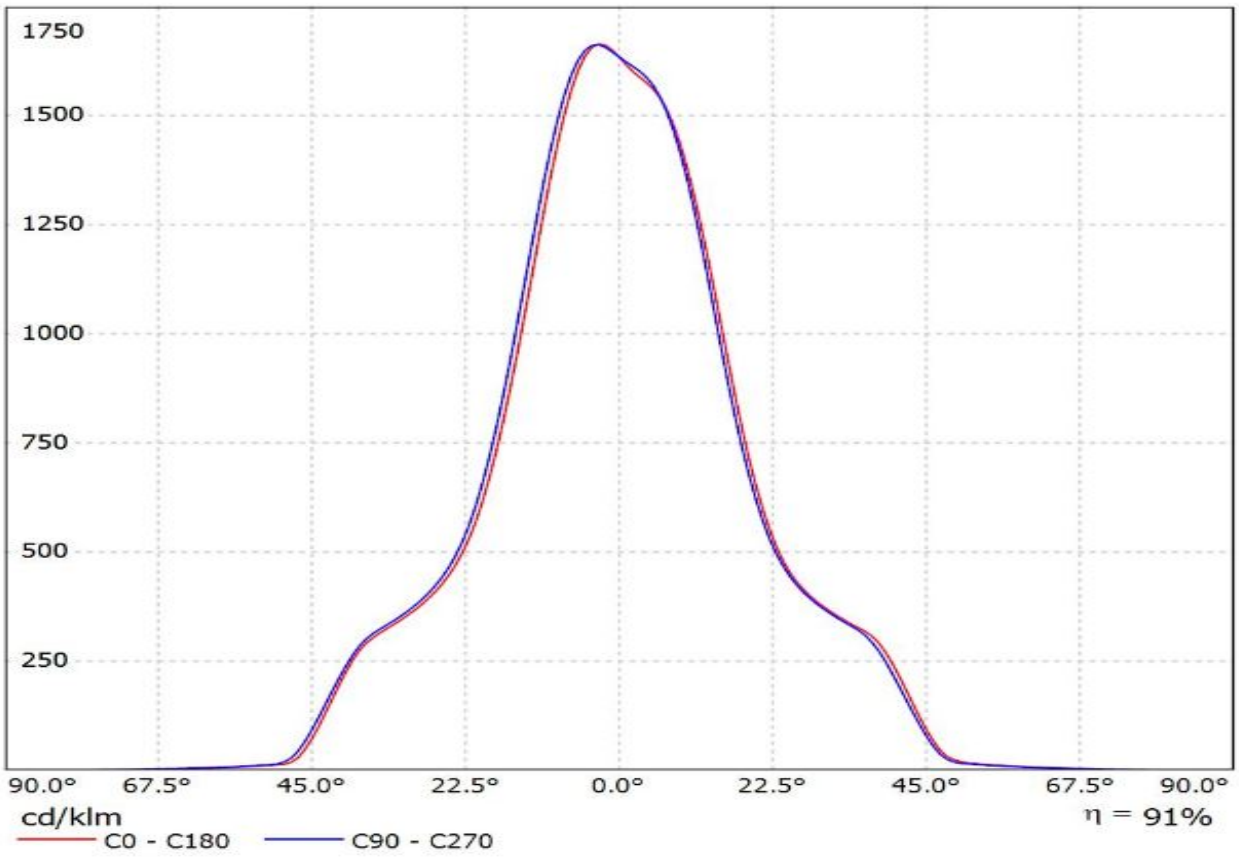
| SIZE | PART NUMBER |
|---|---|
| A4 | - |

| SCALE | WEIGHT | | SHEET |
|---|---|---|---|
| 1:1 | - | | 1/1 |

Luminaire: Ledil CA14942_MINNIE-LT-W-PIN_(nfmw488AR)
Lamps: 1 x Nichia_nfmw488AR_568.467lm@100mA_P=4.06643W_I=0.100A



Luminaire: Ledil CA14942_MINNIE-LT-W-PIN_(Duris_S10)
Lamps: 1 x Osram_Duris_S10_(GW_P7LP32.EM)_1023.92lm@250mA_P=9.27075W_I=0.25A



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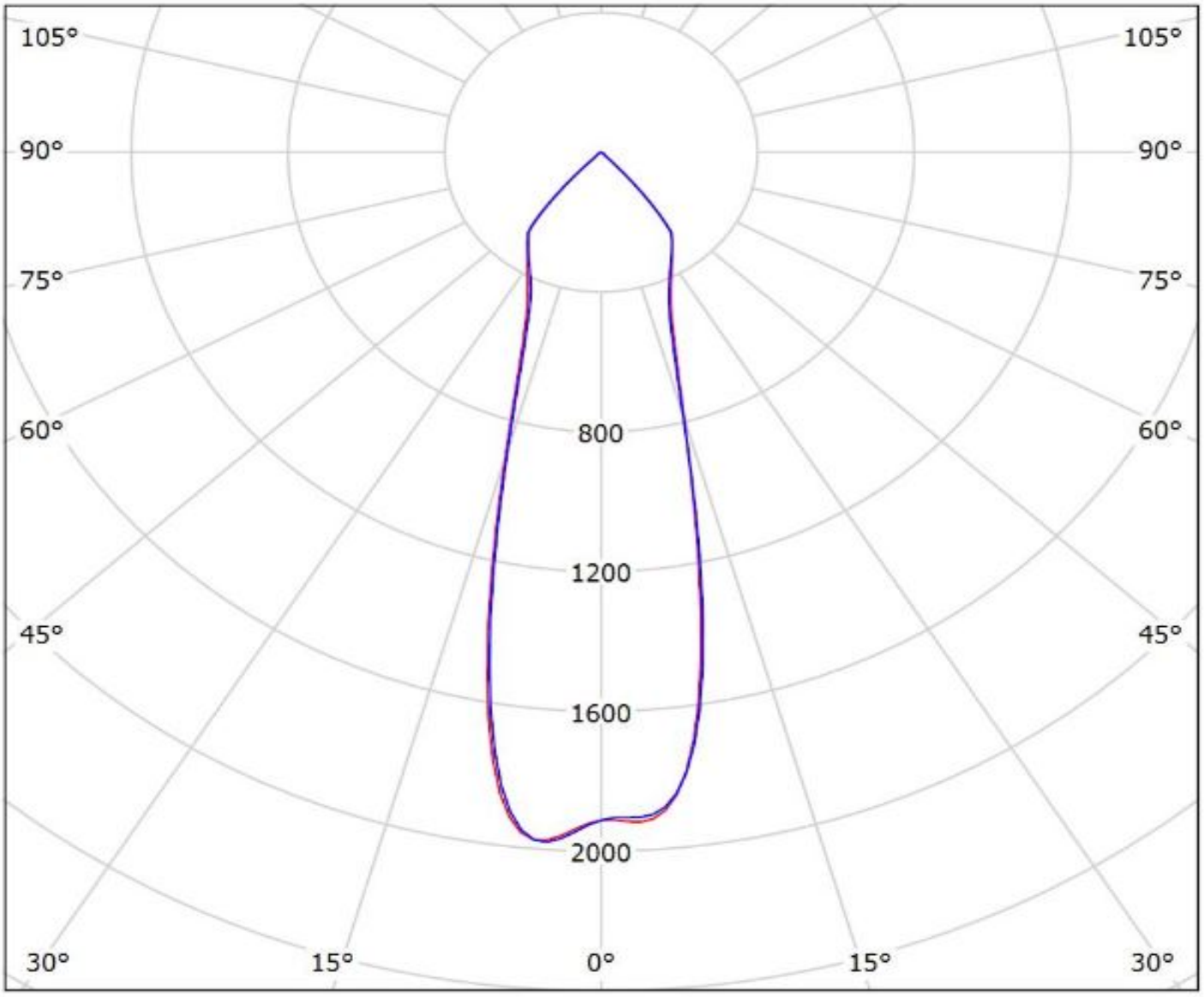
Lamps: 1 x Nichia_nfmw488AR_568.467lm@100mA_P=4.06643W_I=0.100A

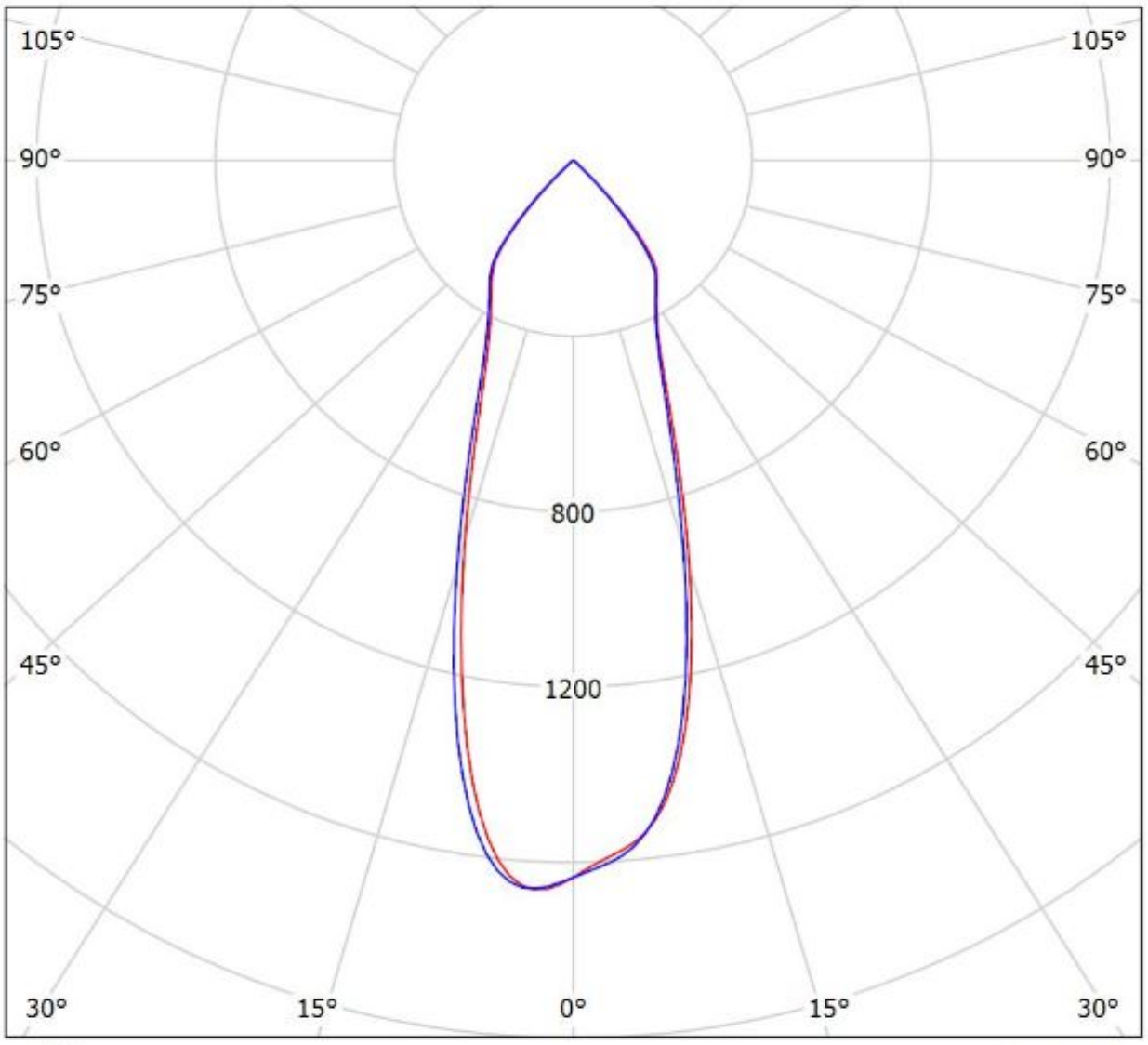



cd/klm

η = 92%

C0 - C180 C90 - C270

Luminaire: Ledil CA14942_MINNIE-LT-W-PIN_(Duris_S10)
Lamps: 1 x Osram_Duris_S10_(GW_P7LP32.EM)_1023.92lm@250mA_P=9.27075W_I=0.25A




cd/klm

η = 91%

C0 - C180 C90 - C270

**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.**