

DETAILS

| | |
|------------------------|------------------|
| Product Number | C12528_PETUNIA |
| Family | Petunia |
| Type | Lens array |
| Color | clear |
| Diameter | 29,5+46,5 mm |
| Height | 7,4 mm |
| Style | rectang |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | pin |
| Status | production ready |
| ROHS Comliant | Yes |
| Date Updated | 22/04/2015 |



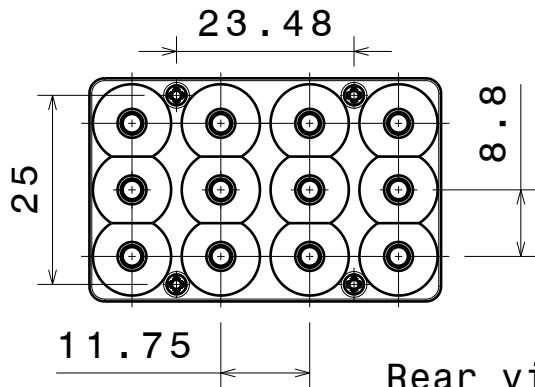
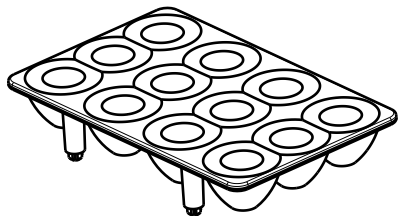
OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Efficiency | cd/lm | Connector |
|---------------|---------------|------------|------------|-------|-----------|
| XP-E | 29 deg | Medium | 91 % | 2.200 | - |
| XB-D | 29 deg | Medium | 85 % | 2.000 | - |
| NVSxx19A | 32 deg | Medium | 84 % | 1.700 | - |
| Oslon SSL 150 | 28 deg | Medium | 88 % | 2.300 | - |

D C B A

4

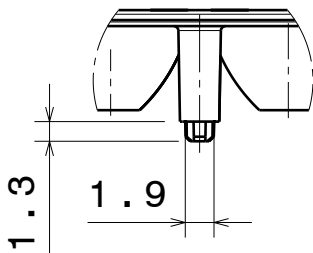
4



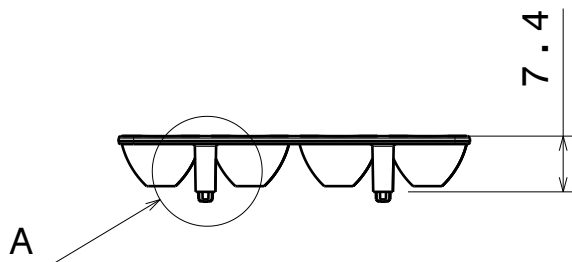
Rear view
Scale: 1:1

3

3



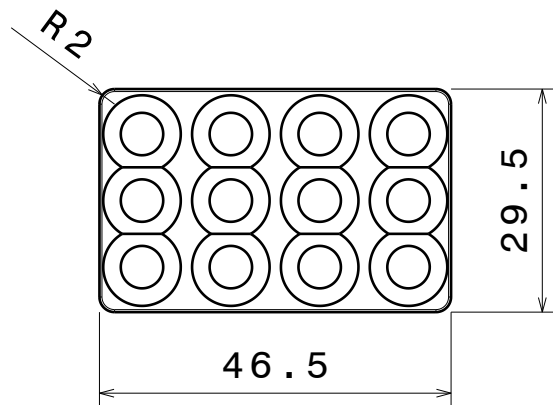
Detail A
Scale: 2:1



Bottom view
Scale: 1:1

2

2



Front view
Scale: 1:1

Material: PMMA

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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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Datasheet Petunia-OSL Lens

1

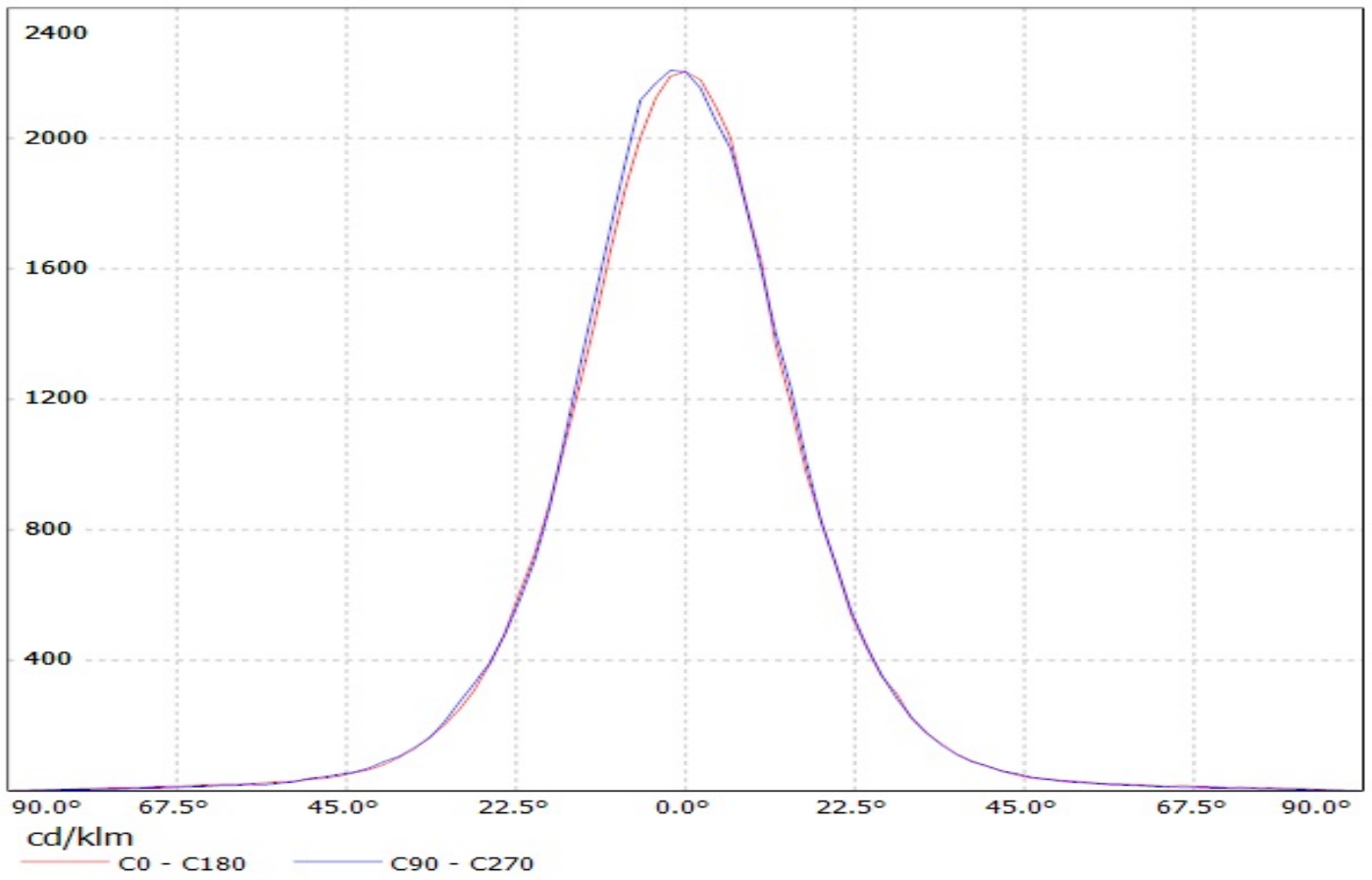
1

| | | | | | | | |
|-------------------|--|--------------------|--|---|--------------------------|--------------|----------|
| DRAWN BY pl | | DATE 27.01.2012 | | DRAWING TITLE Datasheet Petunia-OSL Lens | | | |
| CHECKED BY xx | | DATE xx.xx.2011 | | SIZE A4 | DRAWING NUMBER C12528 | | REV 1 |
| DESIGNED BY pl | | DATE 13.12.2011 | | SCALE 1:1 | WEIGHT (g) | SHEET 1/1 | |

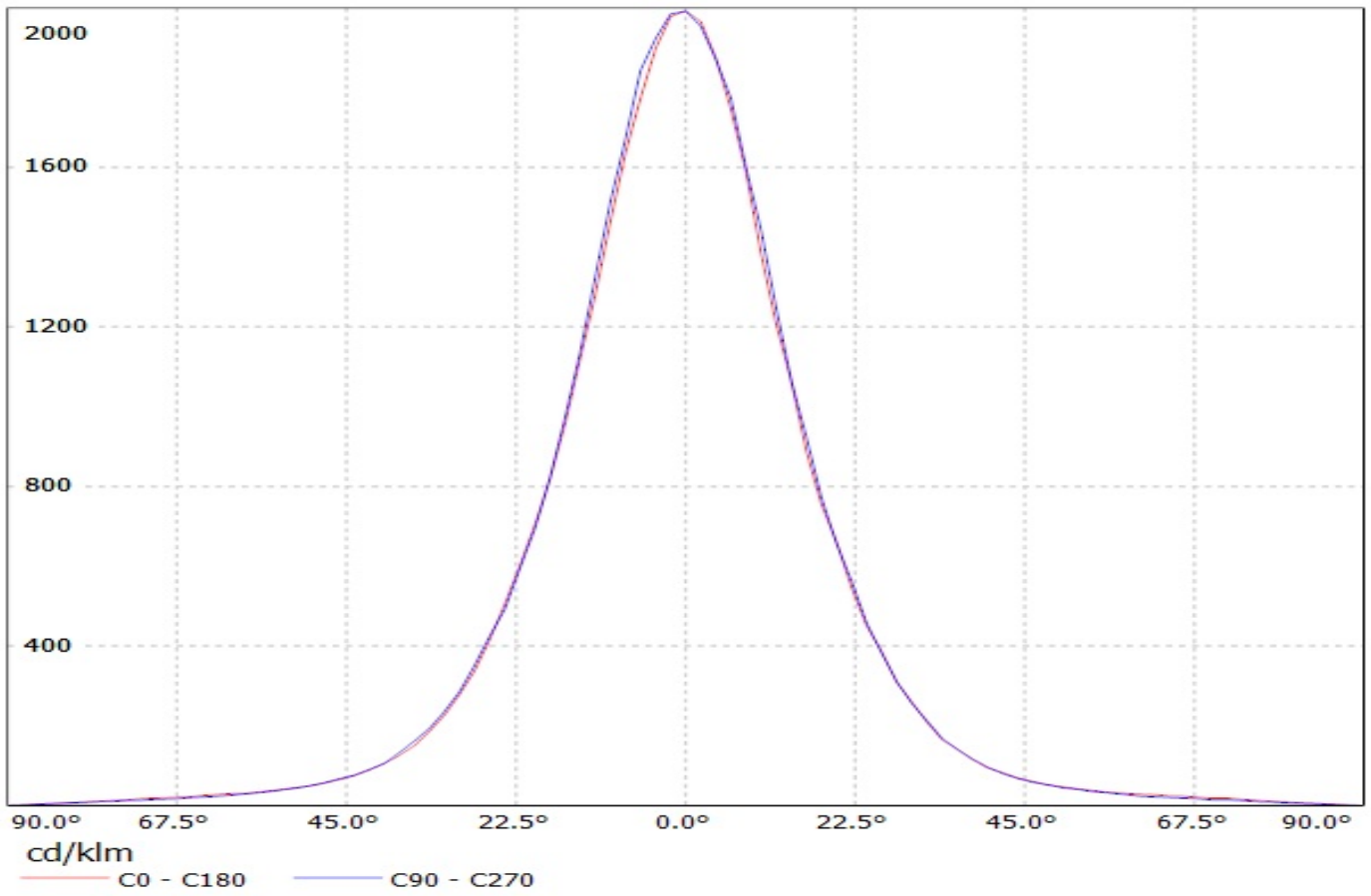
D

A

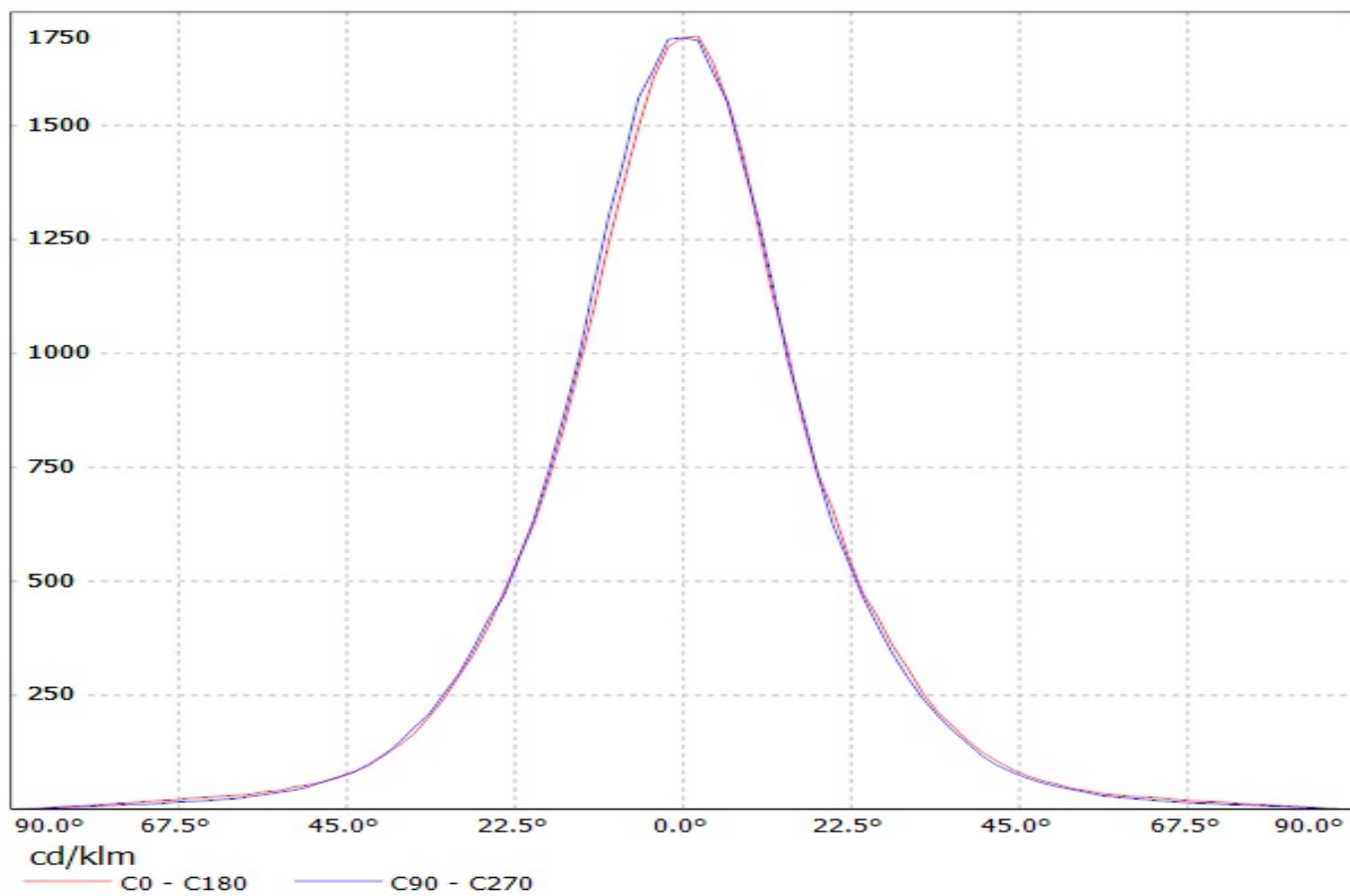
Luminaire: Ledil Oy C12528_Petunia (Cree XP-E 862lm @ 250mA) Efficiency=91%
Lamps: 1 x Cree XP-E 862lm @ 250mA



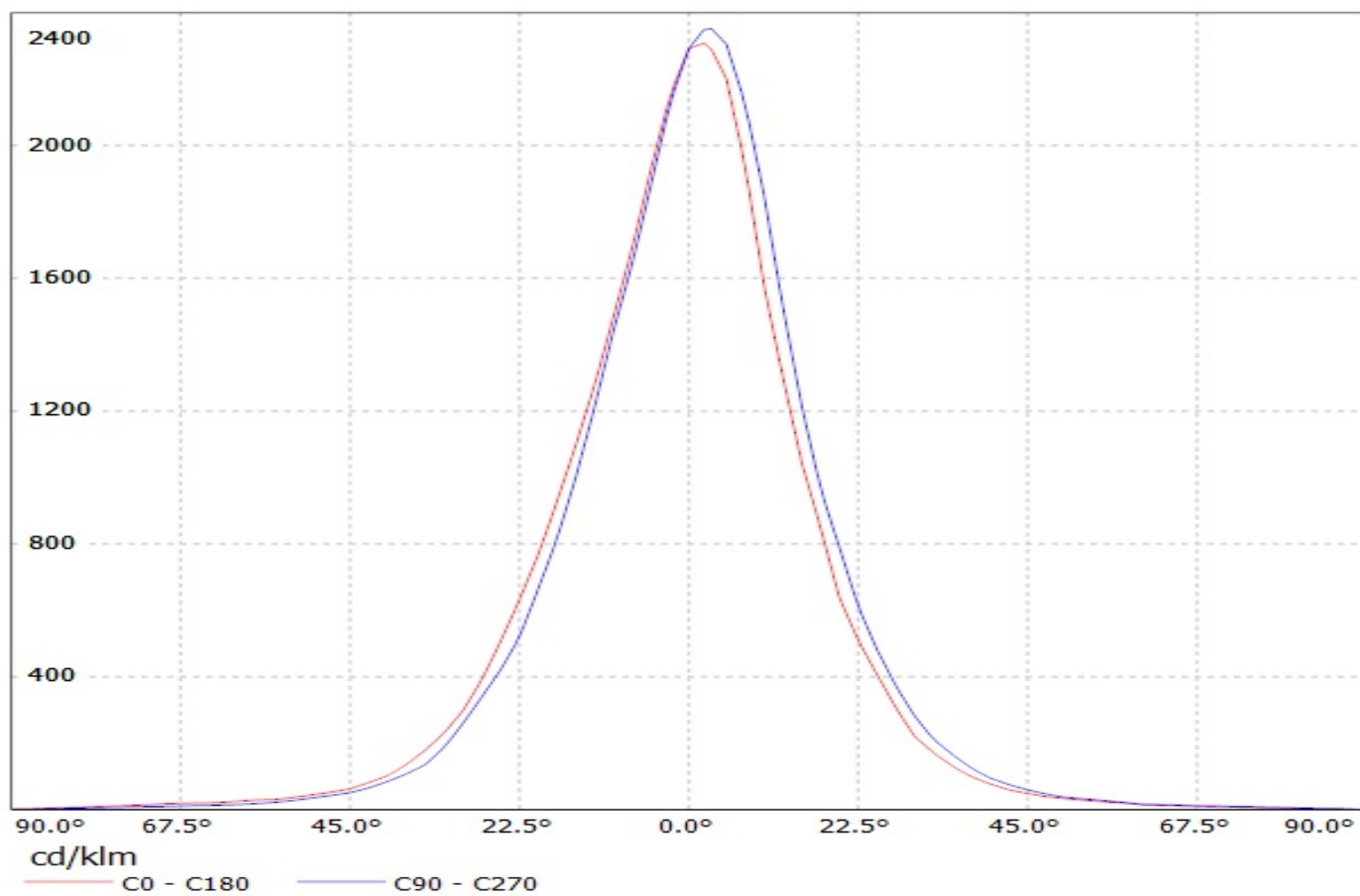
Luminaire: Ledil Oy C12528_PETUNIA (Cree XB-D 1037lm @ 250mA) Efficiency=85%
Lamps: 1 x Cree XB-D 1037lm @ 250mA



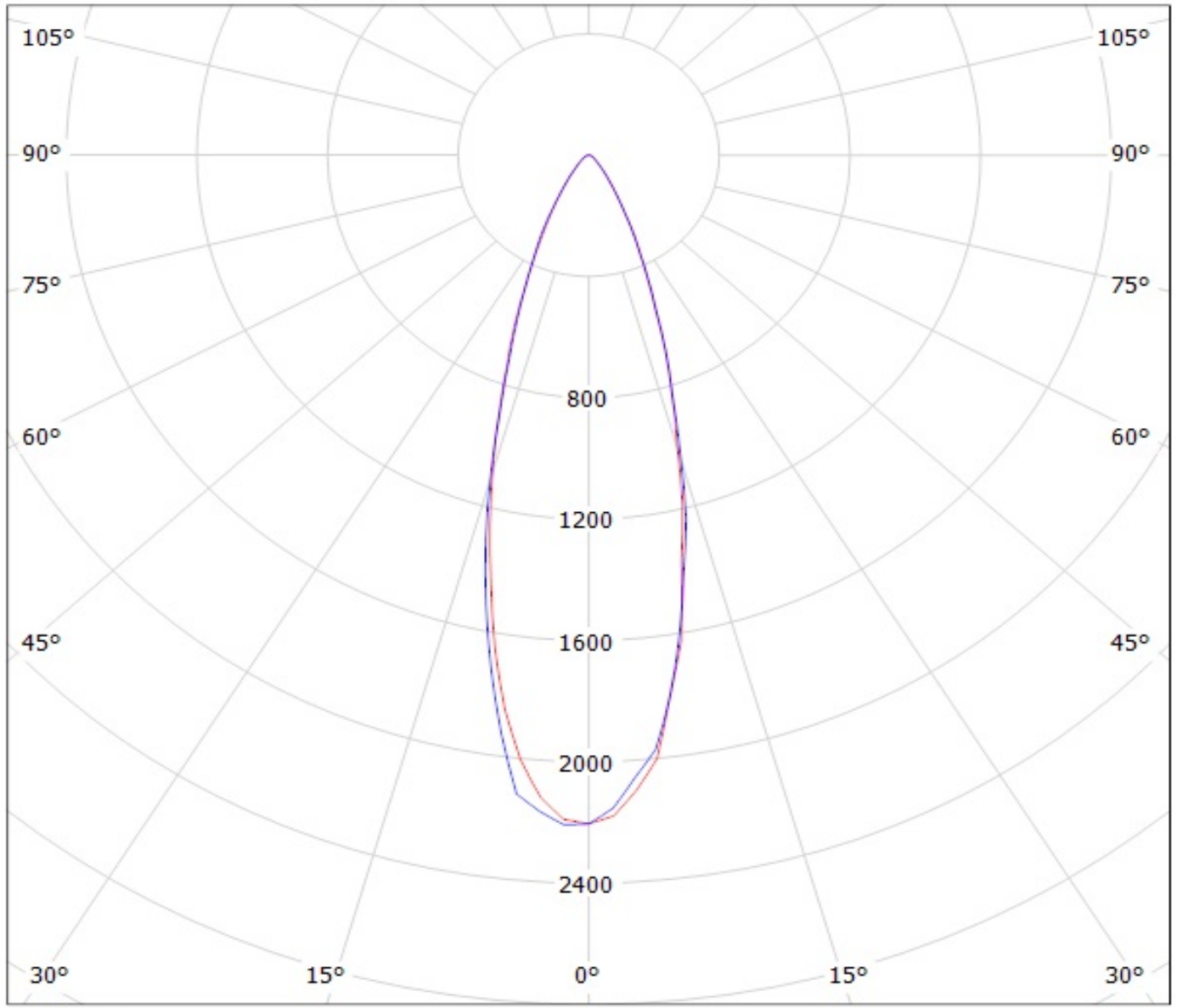
Luminaire: Ledil Oy C12528_PETUNIA (Nichia NVS19 1138lm @ 250mA) Efficiency=84%
Lamps: 1 x Nichia NVS19 1138lm @ 250mA



Luminaire: Ledil Oy C12528_Petunia (Osram Oslon 150dg 1173lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Oslon 150dg 1173lm @ 250mA



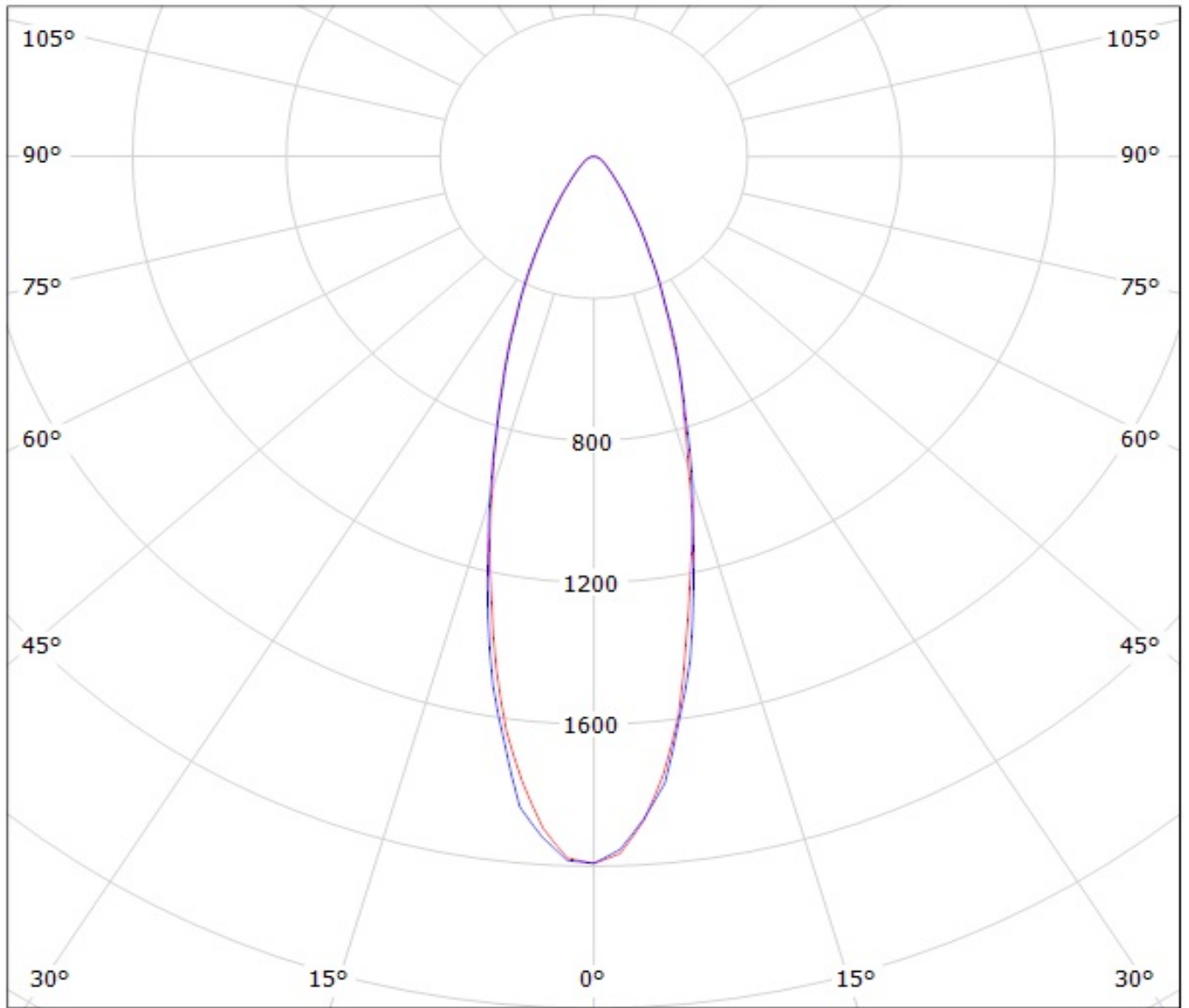
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cd/klm

— C0 - C180 — C90 - C270

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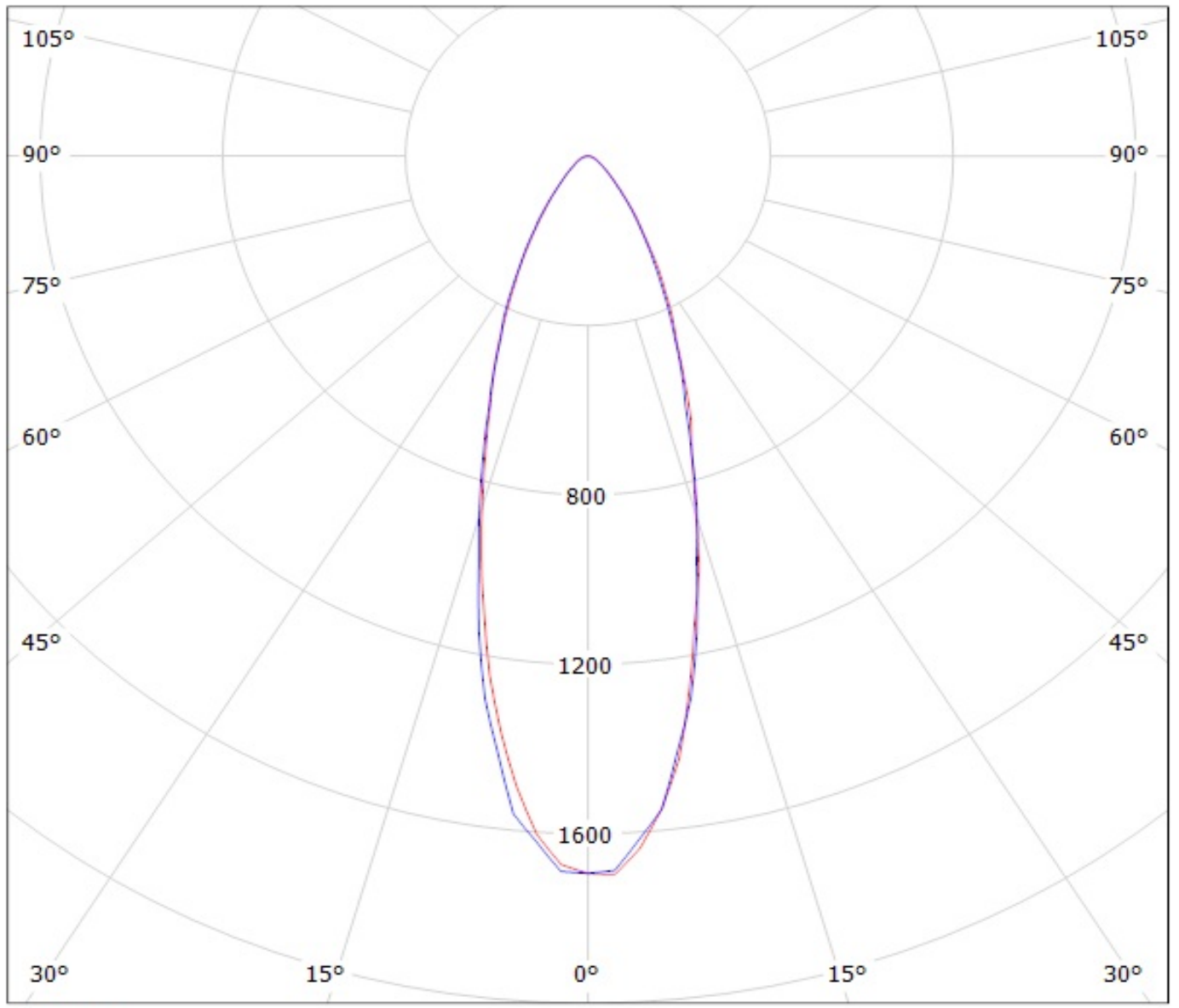


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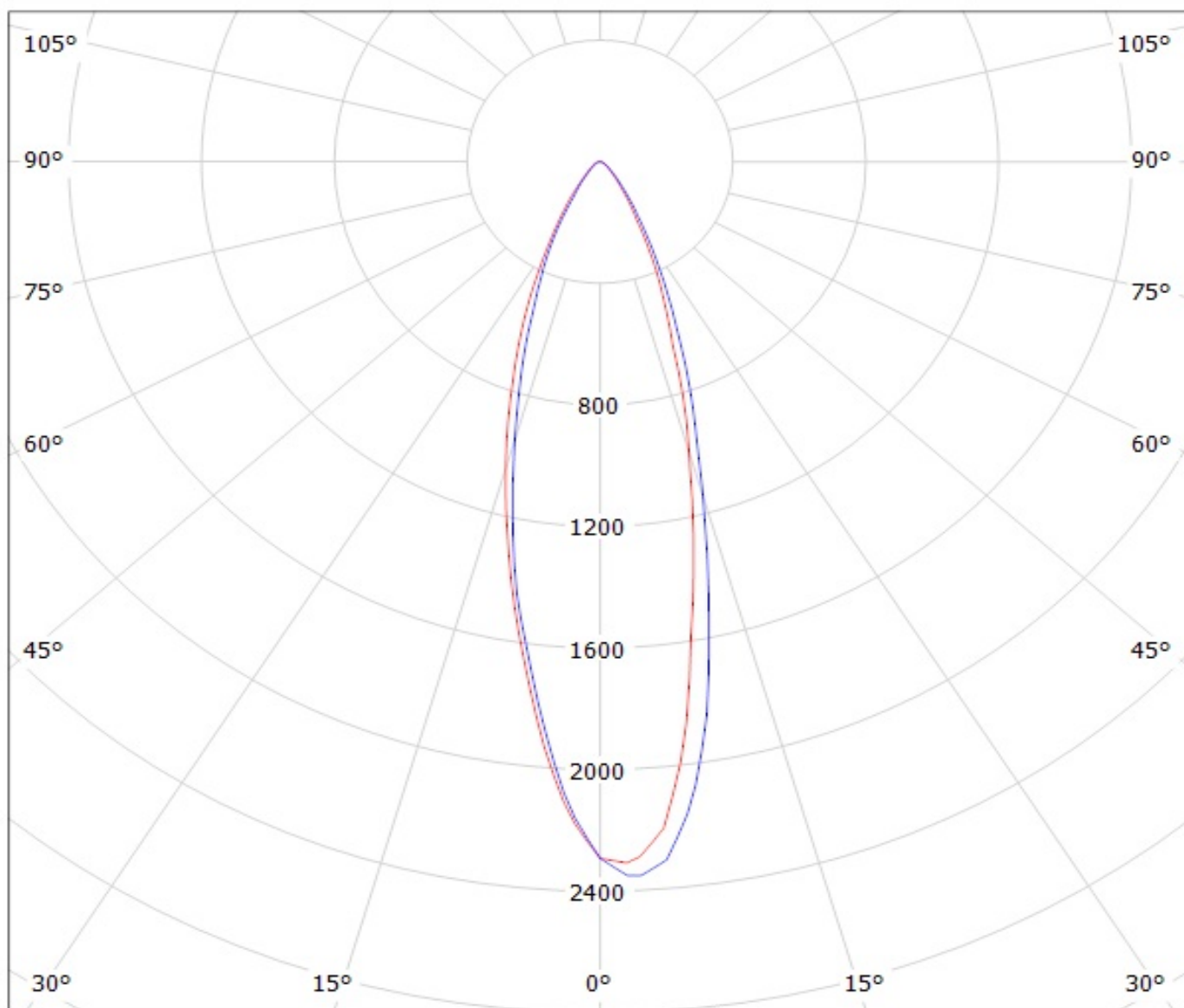


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cd/klm

— 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.