

DETAILS

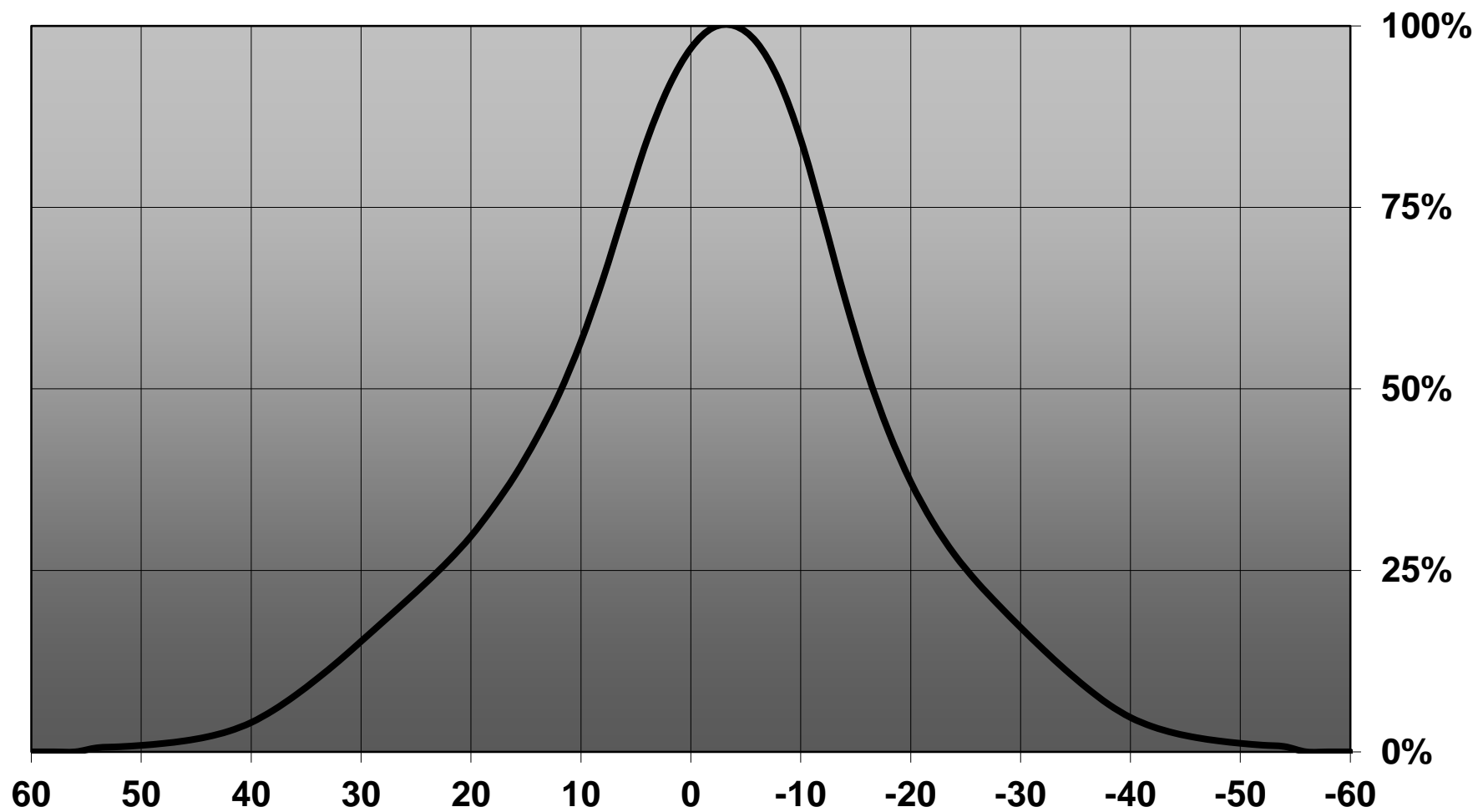
| | |
|------------------------|----------------------|
| Product Number | FP10997_LISA2-WW-PIN |
| Family | Lisa2 |
| Type | Assembly |
| Color | black |
| Diameter | 9,9 mm |
| Height | 7 mm |
| Style | round |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | glue, pin |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 25/01/2016 |

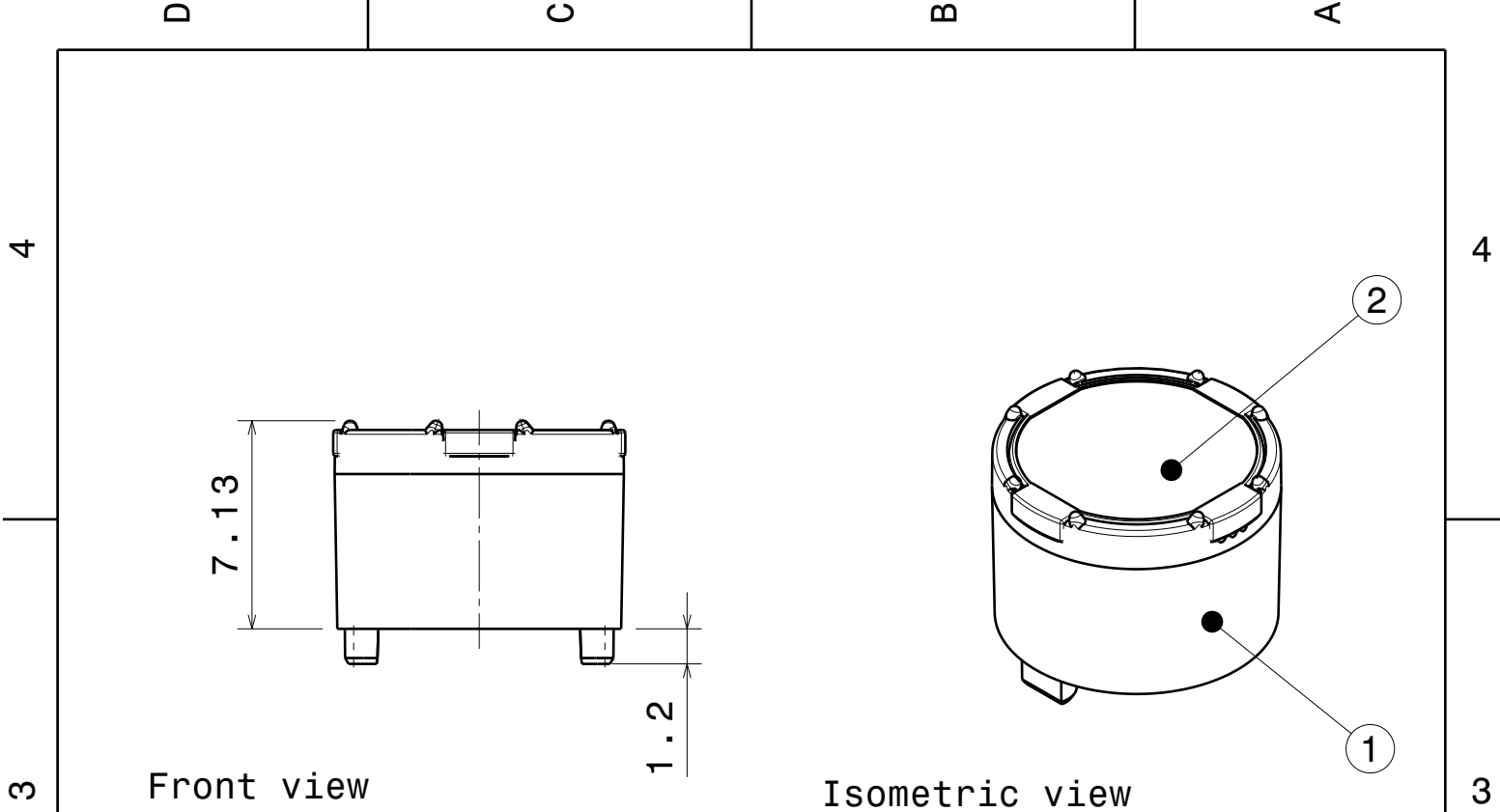


OPTICAL PROPERTIES

| LED | Viewing | Light | Effi- | | Connector |
|---------------------|---------|-----------|-----------|------------|-----------|
| | Angle | Beam | ciency | cd/lm | |
| XP-E | 42 deg | Very Wide | 91 % | 1.000 | - |
| XP-G | 54 deg | Very Wide | 90 % | 0.900 | - |
| XB-D | 38 deg | Very Wide | 85 % | 1.330 | - |
| XQ-E | sim: 72 | Very Wide | sim: 90 % | sim: 0.700 | - |
| XQ-E HI | sim: 27 | Very Wide | sim: 89 % | sim: 2.300 | - |
| LUXEON Rebel ES | 56 deg | Very Wide | 93 % | - | - |
| LUXEON Z | 28 deg | Very Wide | 87 % | 2.260 | - |
| LUXEON Z ES | 35 deg | Very Wide | 88 % | 1.800 | - |
| LUXEON C | 34 deg | Very Wide | 88 % | 1.900 | - |
| Double Dome (GM2BB) | sim: 60 | Very Wide | - | - | - |

Relative intensity of FP10997_LISA2-WW-PIN_(Luxeon Z)





Front view

Isometric view

Top view

Bottom view

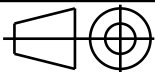
| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|---------|---------------|----------|--------|
| 1 | F10989 | LISA2-HLD-PIN | PC | black |
| 2 | - | LISA2_lens | PMMA | |

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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 Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

Lisa2-PIN-XP assembly

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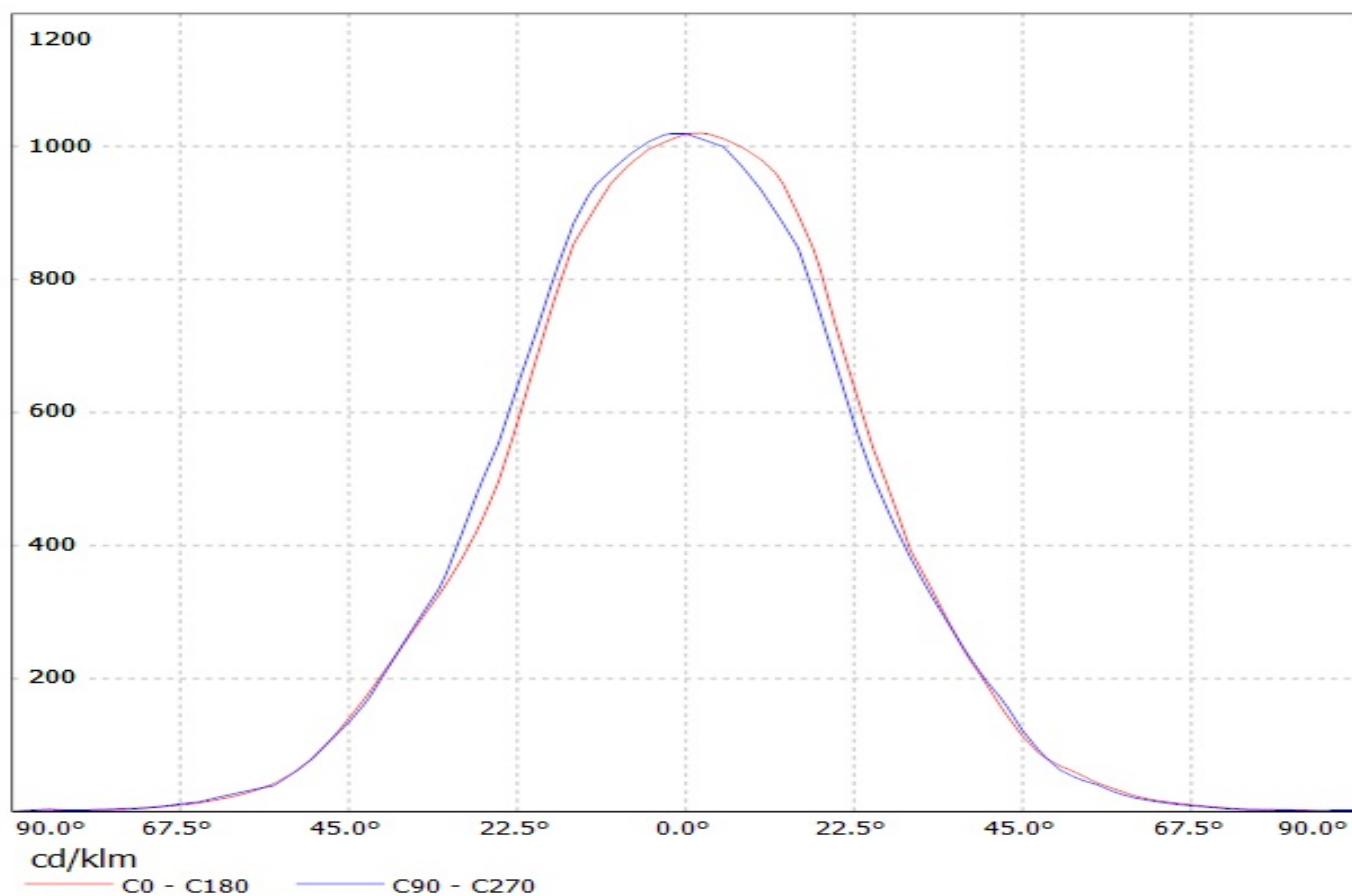
SIZE PART NUMBER

A4

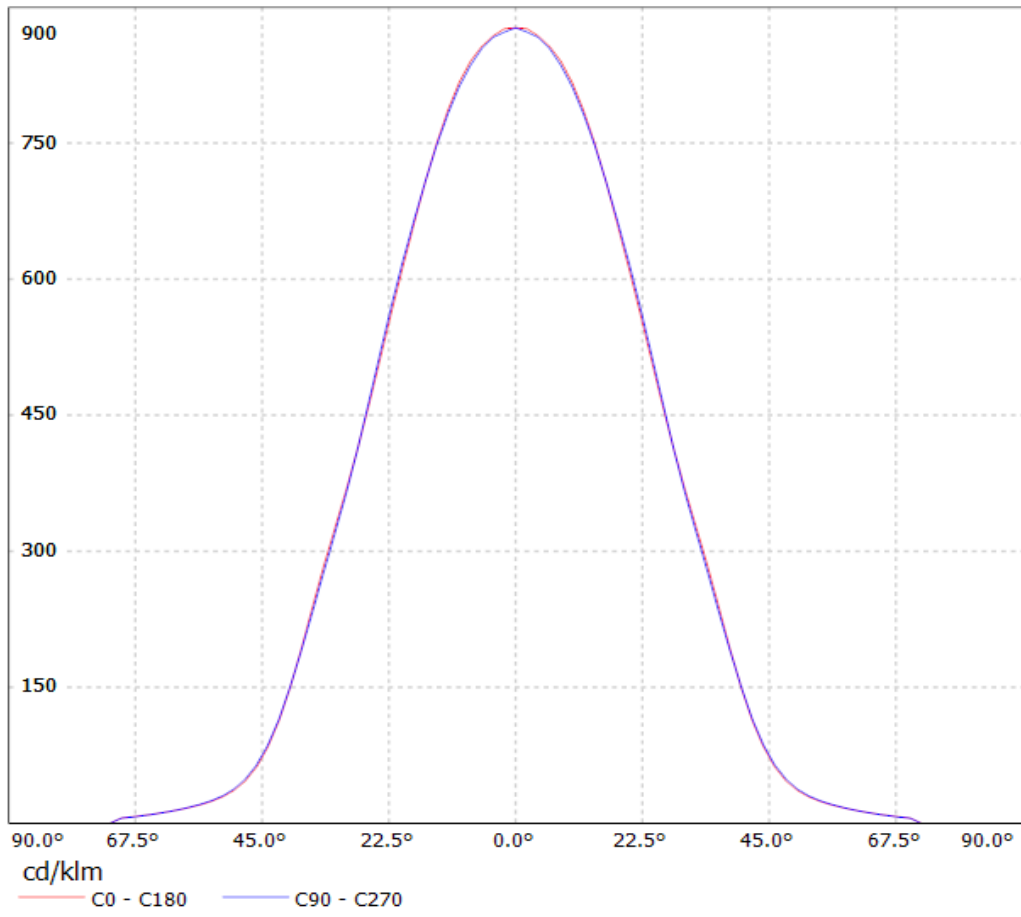
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SCALE 4:1 WEIGHT 0,5 g SHEET 1/1

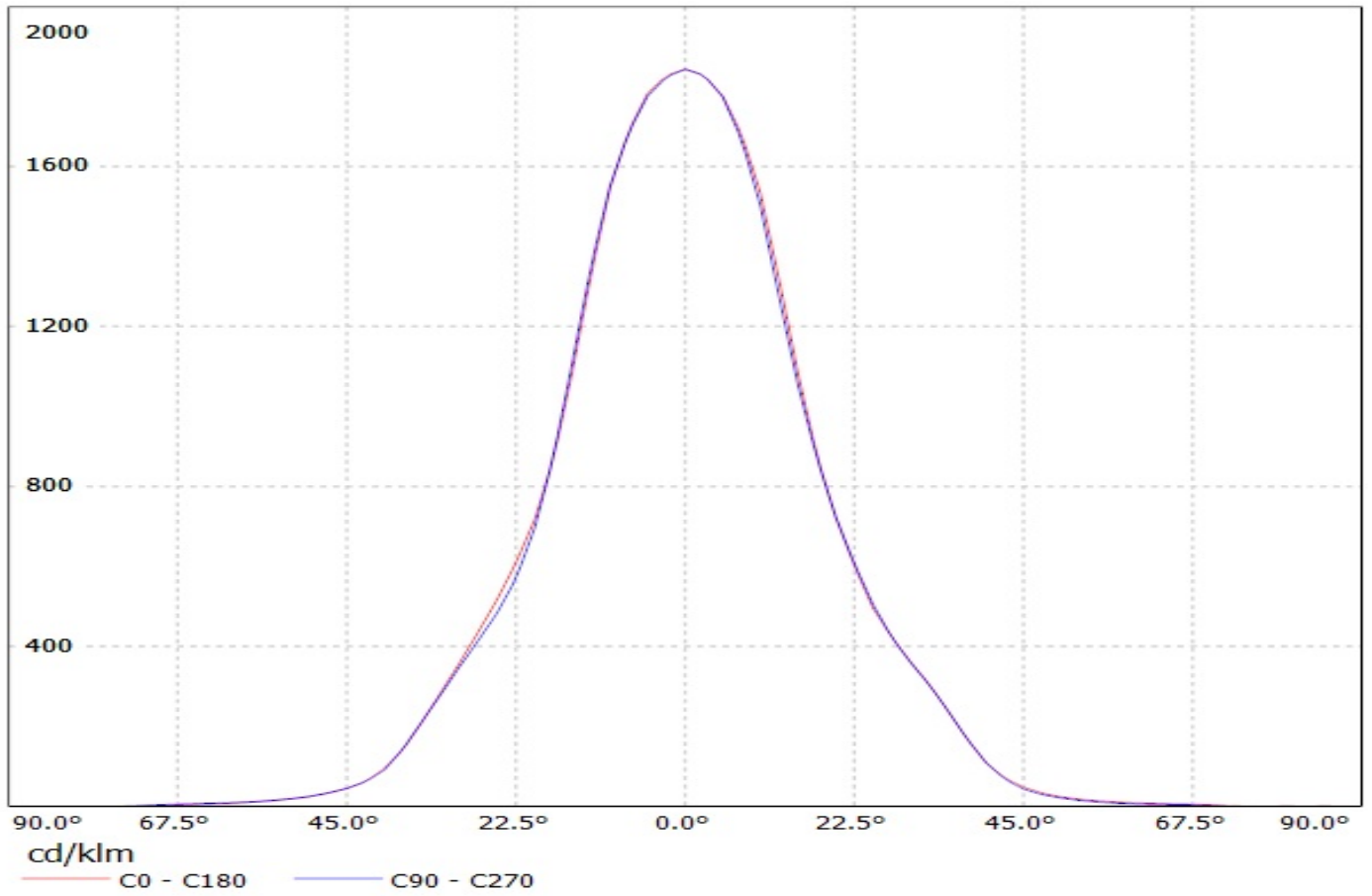
Luminaire: Ledil Oy FP10997_LISA2-WW-PIN (Cree XP-E 73lm @ 250mA) Efficiency=91%
Lamps: 1 x Cree XP-E 73lm @ 250mA



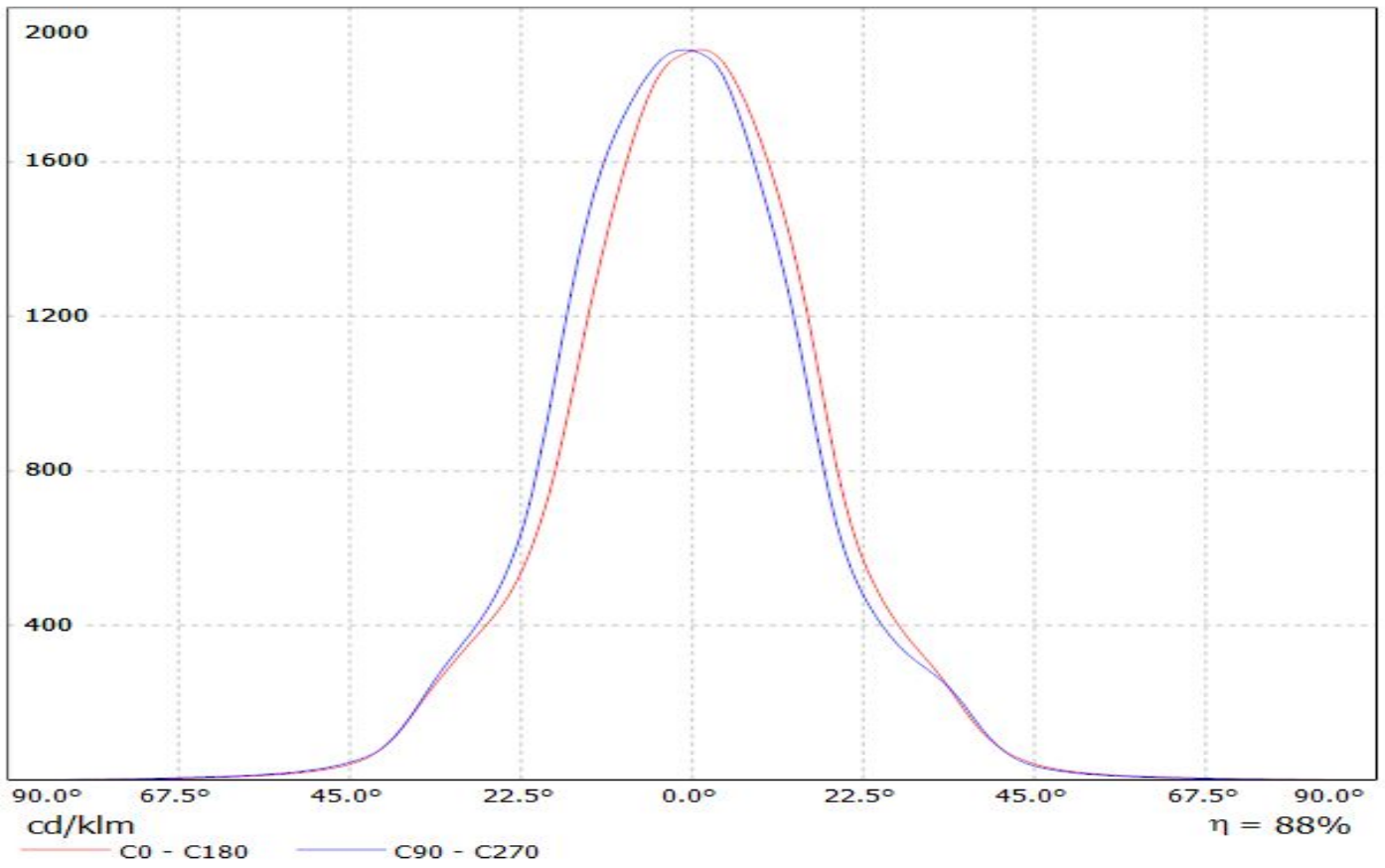
Luminaire: Ledil Oy FA10997_Lisa2_WW_Pin/FP11077_LISA2-WW-CLIP_XP-G FA10997_Lisa2_WW_Pin/FP11077_LISA2-WW-CLIP_XP-G
Lamps: 1 x Cree XP-G (White)



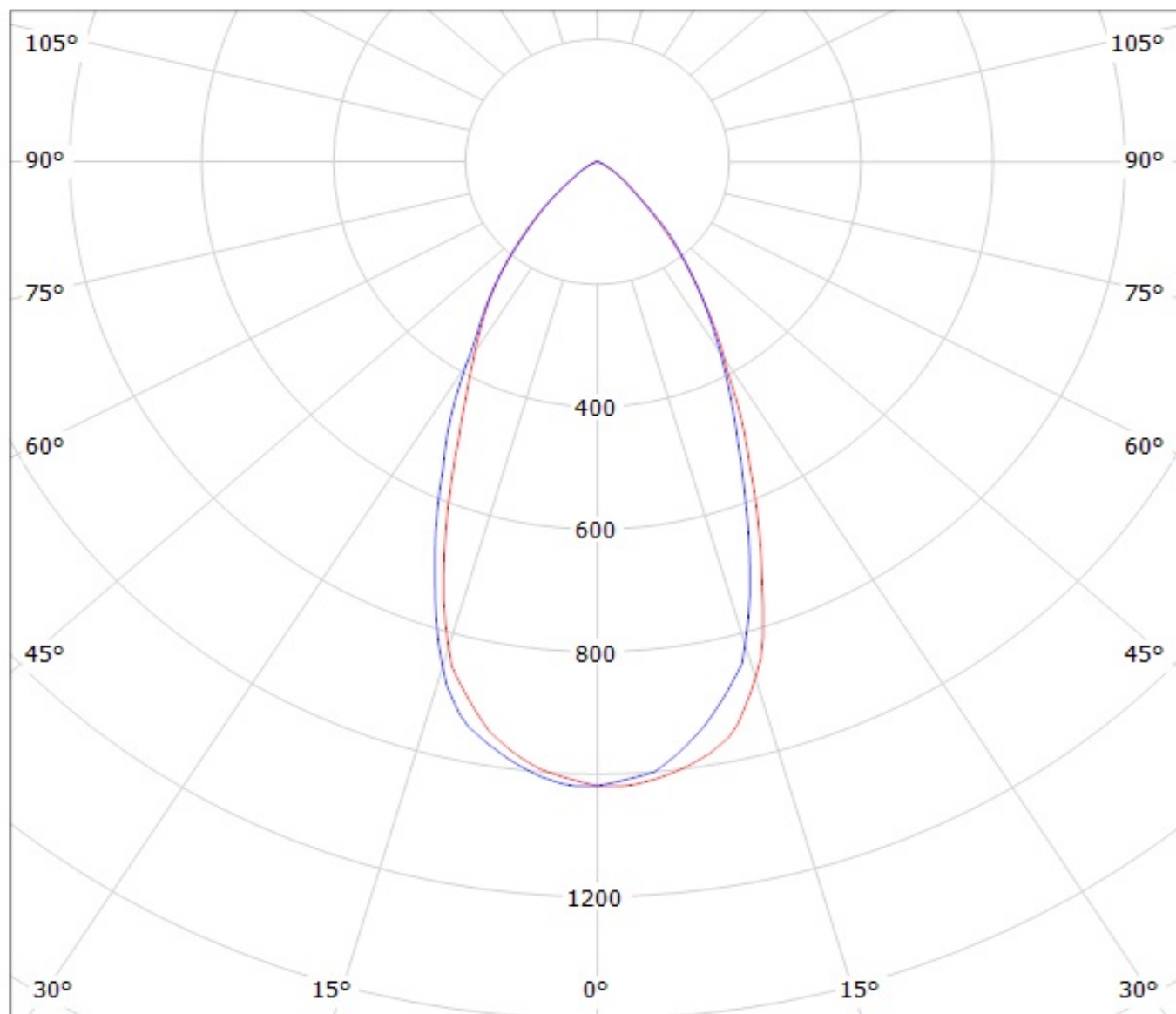
Luminaire: LEDil Oy FP10997_LISA2-WW-PIN_(Luxeon_Z_ES) Efficiency=88%
Lamps: 1 x Philips Lumileds Luxeon Z ES (LXZ2-3090) 50.4lm @ 250mA CCT=3200K P=0.7 I=250mA



Luminaire: LEDiL Oy FP10997_LISA2-WW-PIN_(Luxeon_C_WHITE)
Lamps: 1 x Luxeon_C_WHITE_84.9929lm@250mA_P=0.7402W_ι=0.250A



Luminaire: Ledil Oy FP10997_LISA2-WW-PIN (Cree XP-E 73lm @ 250mA) Efficiency=91%
Lamps: 1 x Cree XP-E 73lm @ 250mA

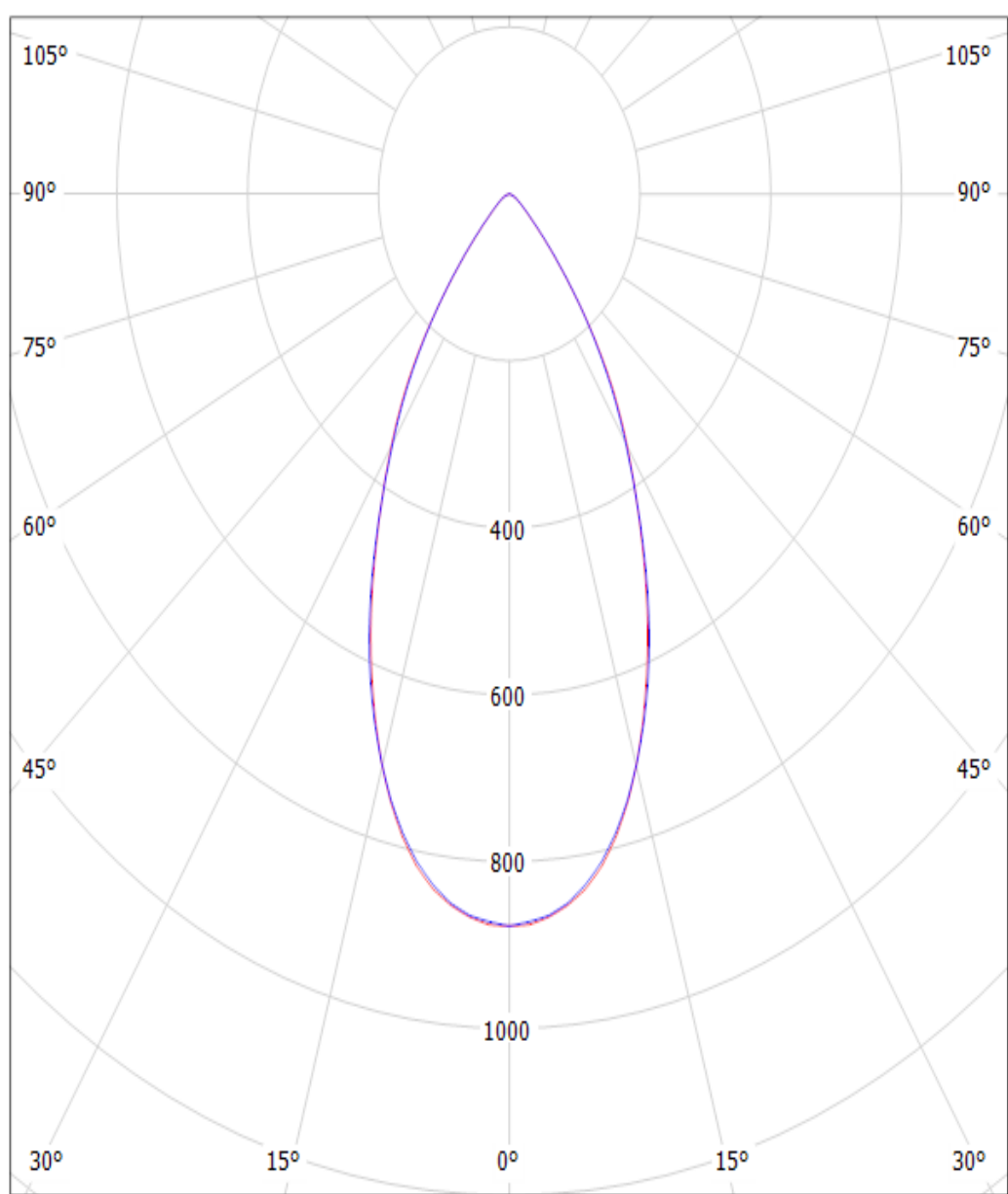


cd/klm

— C0 - C180

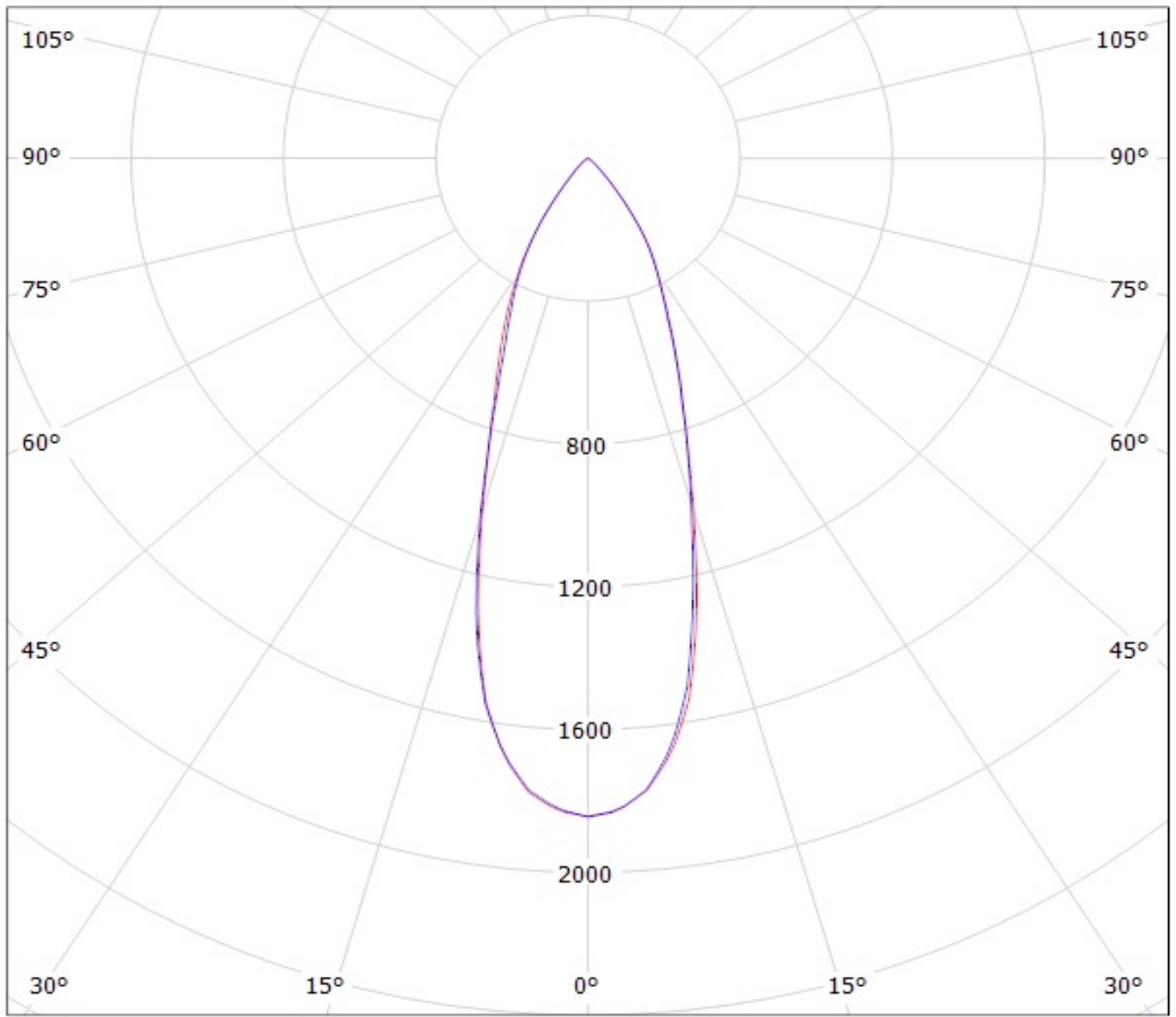
— C90 - C270

Luminaire: Ledil Oy FA10997_Lisa2_WW_Pin/FP11077_LISA2-WW-CLIP_XP-G FA10997_Lisa2_WW_Pin/FP11077_LISA2-WW-CLIP_XP-G
Lamps: 1 x Cree XP-G (White)



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDil Oy FP10997_LISA2-WW-PIN_(Luxeon_Z_ES) Efficiency=88%
Lamps: 1 x Philips Lumileds Luxeon Z ES (LXZ2-3090) 50.4lm @ 250mA CCT=3200K P=0.7 I=250mA

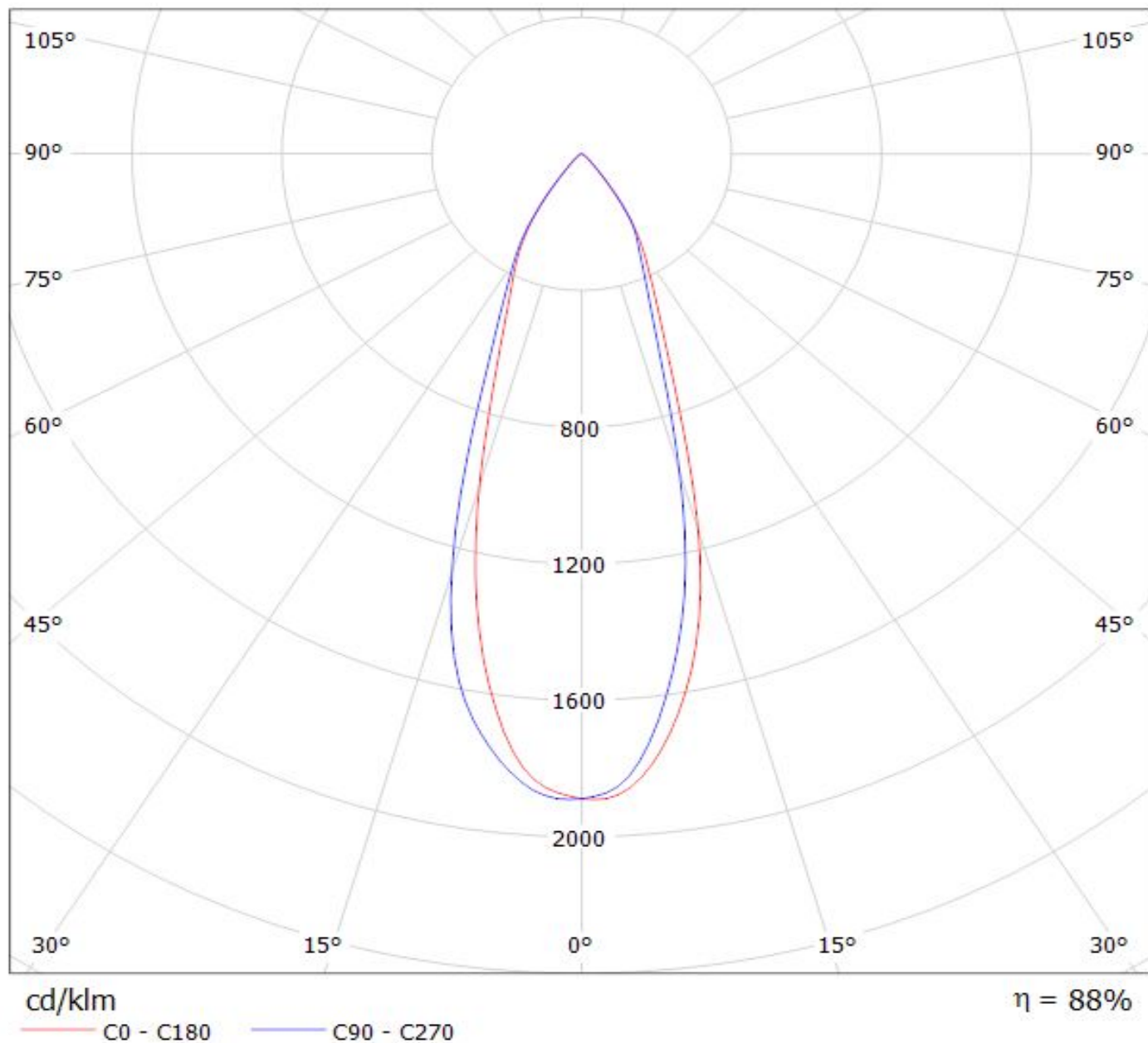


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy FP10997_LISA2-WW-PIN_(Luxeon_C_WHITE)
Lamps: 1 x Luxeon_C_WHITE_84.9929lm@250mA_P=0.7402W_I=0.250A



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.