

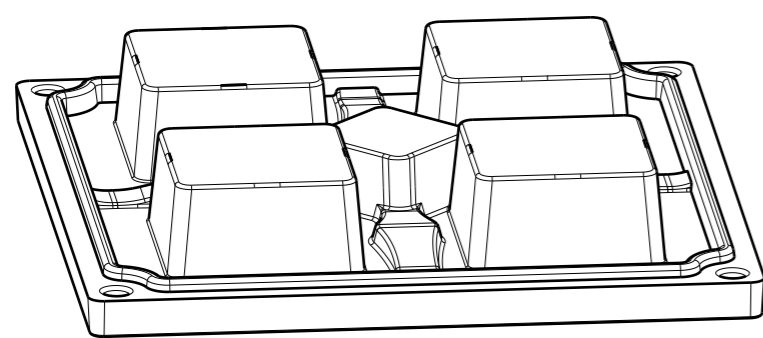
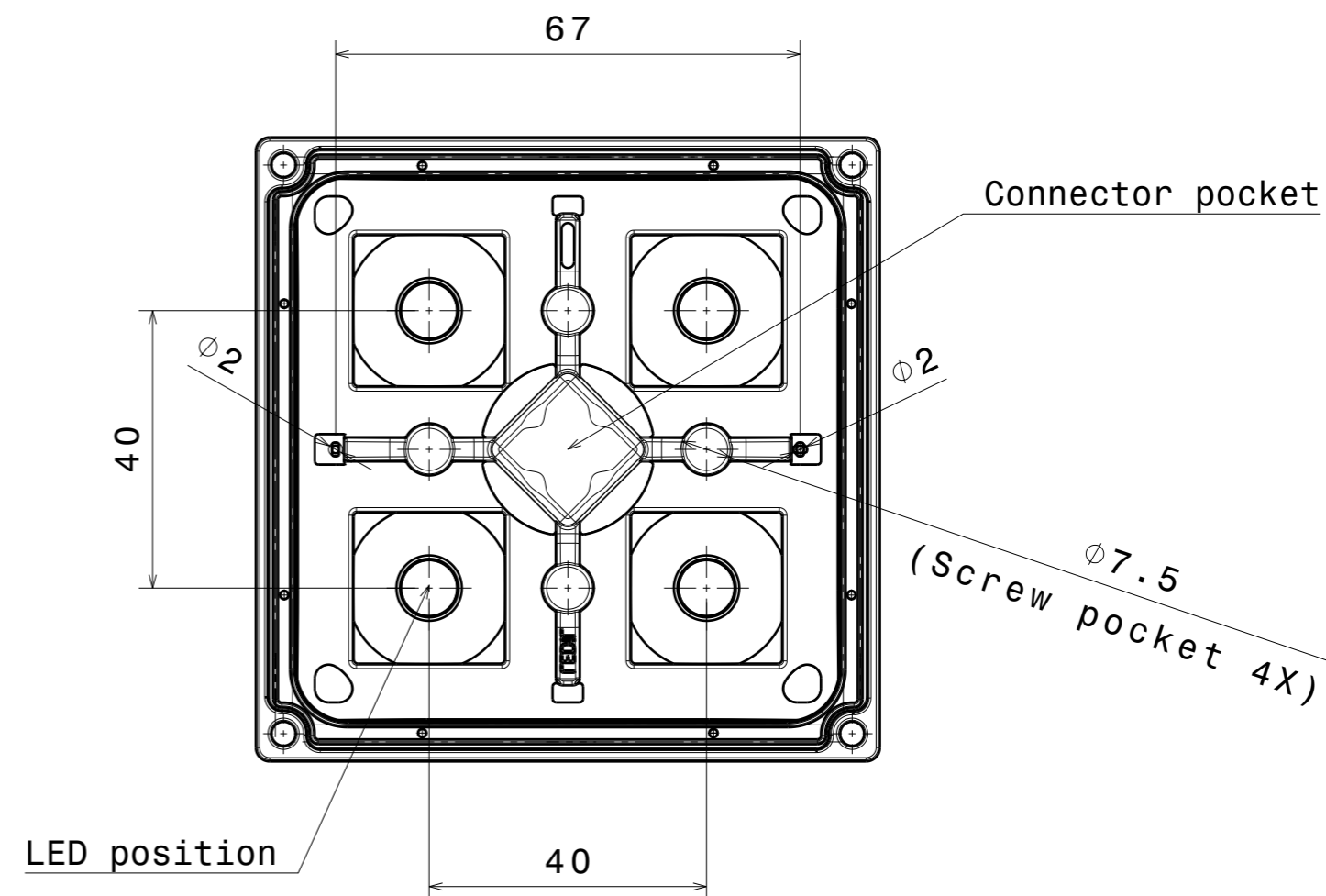
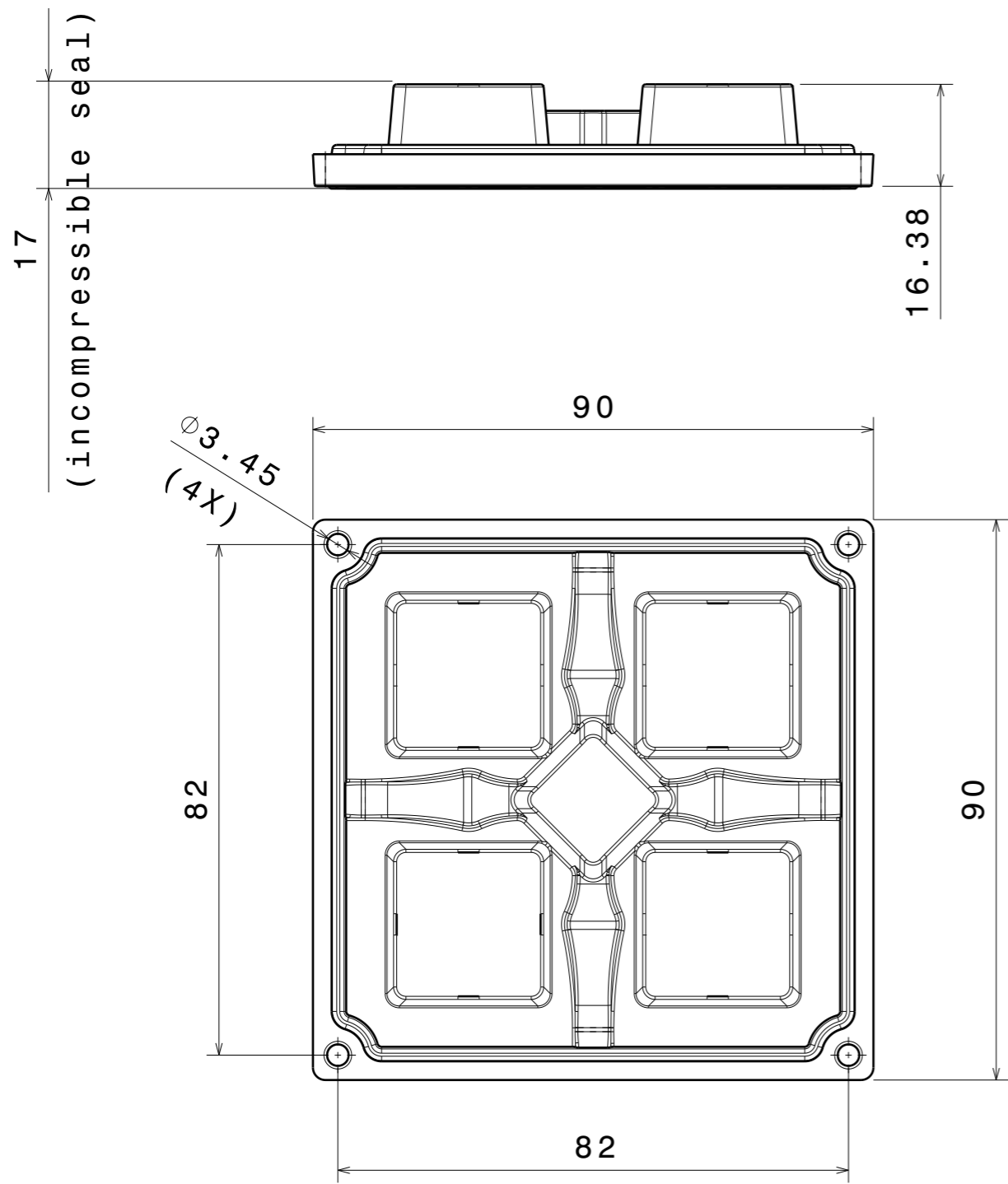
DETAILS

| | |
|------------------------|--------------------|
| Product Number | CS14840_HB-2X2MX-M |
| Family | STRADA |
| Type | Assembly |
| Color | clear |
| Diameter | 90x90 mm |
| Height | 16,38 mm |
| Style | square |
| Optic Material | PMMA |
| Holder Material | |
| Fastening | |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 1/04/2016 |



OPTICAL PROPERTIES

| LED | Viewing | Light | Effi- | | Connector |
|------------------------|---------|--------|-----------|------------|-----------|
| | Angle | Beam | ciency | cd/lm | |
| Duris P10 | sim: 24 | Medium | sim: 94 % | sim: 3.490 | - |
| LUXEON MZ | 22 deg | Medium | 91 % | 4.000 | - |
| NV4x144A | 23 deg | Medium | 93 % | 3.300 | - |
| LUXEON M | 24 deg | Medium | 93 % | 3.100 | - |
| LUXEON XR-M square 2x2 | 24 deg | Medium | 93 % | 3.100 | - |
| XHP70 | 30 deg | Medium | 91 % | 2.100 | - |



Isometric view (1:1)

| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|---------|-------------------|----------|--------|
| 1 | C14631 | STRADA-2X2MX-SEAL | silicone | |
| 2 | C14833 | HB-2X2MX-M | 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

THIRD ANGLE PROJECTION:

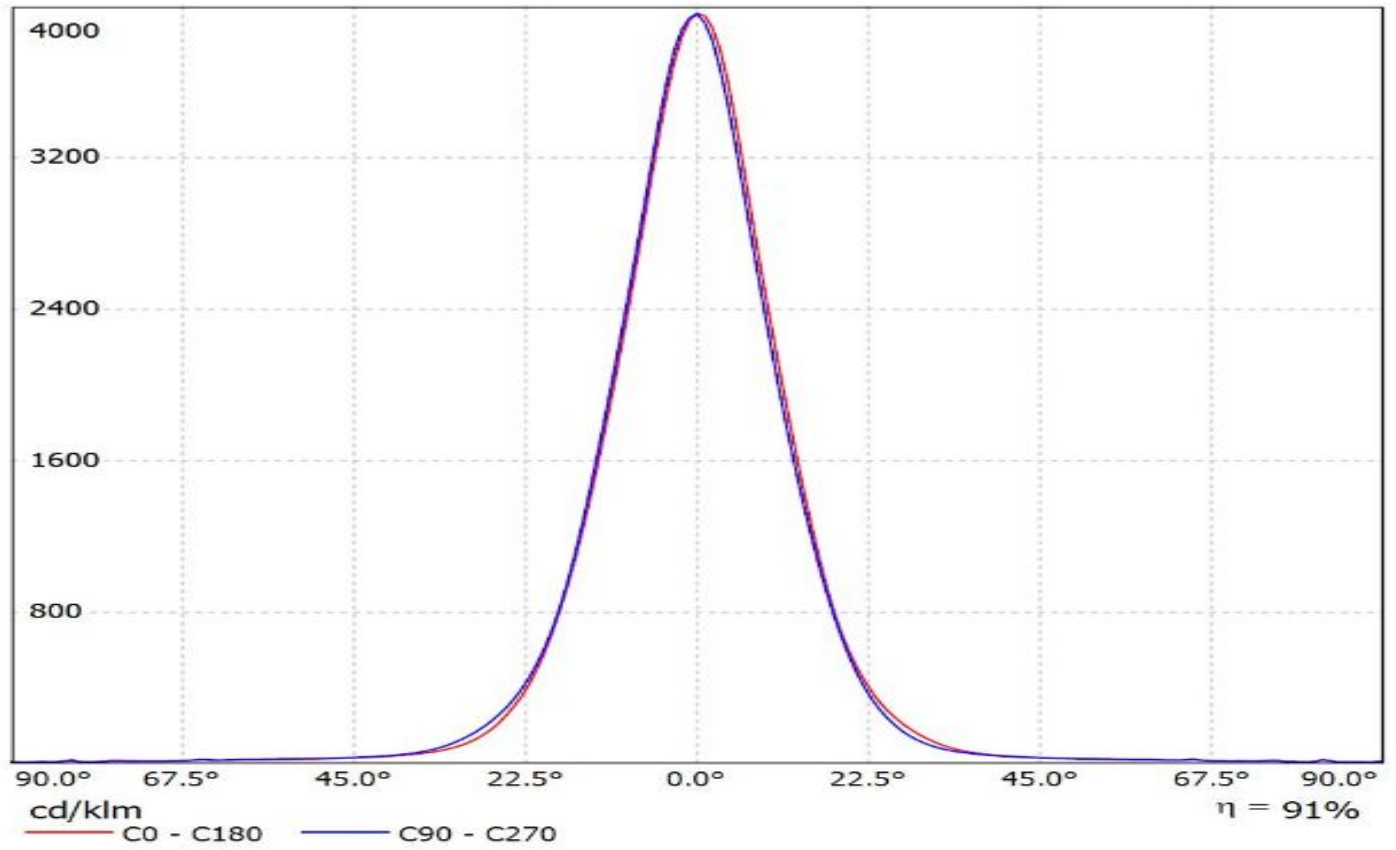
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| | | | | |
|--------------|---|---------------|---------------|------------------|
| LEDiL | LediL Oy Salorankatu 10 FIN 24240 SALO Finland | | | |
| | DRAWING TITLE CS14840_HB-2X2MX-M | | | |
| SIZE | PART NUMBER | | | |
| A3 | CS14840 | | | |
| SCALE | 1:1 | WEIGHT | 46.5 g | SHEET 1/1 |

Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ) / LDC (Linear)

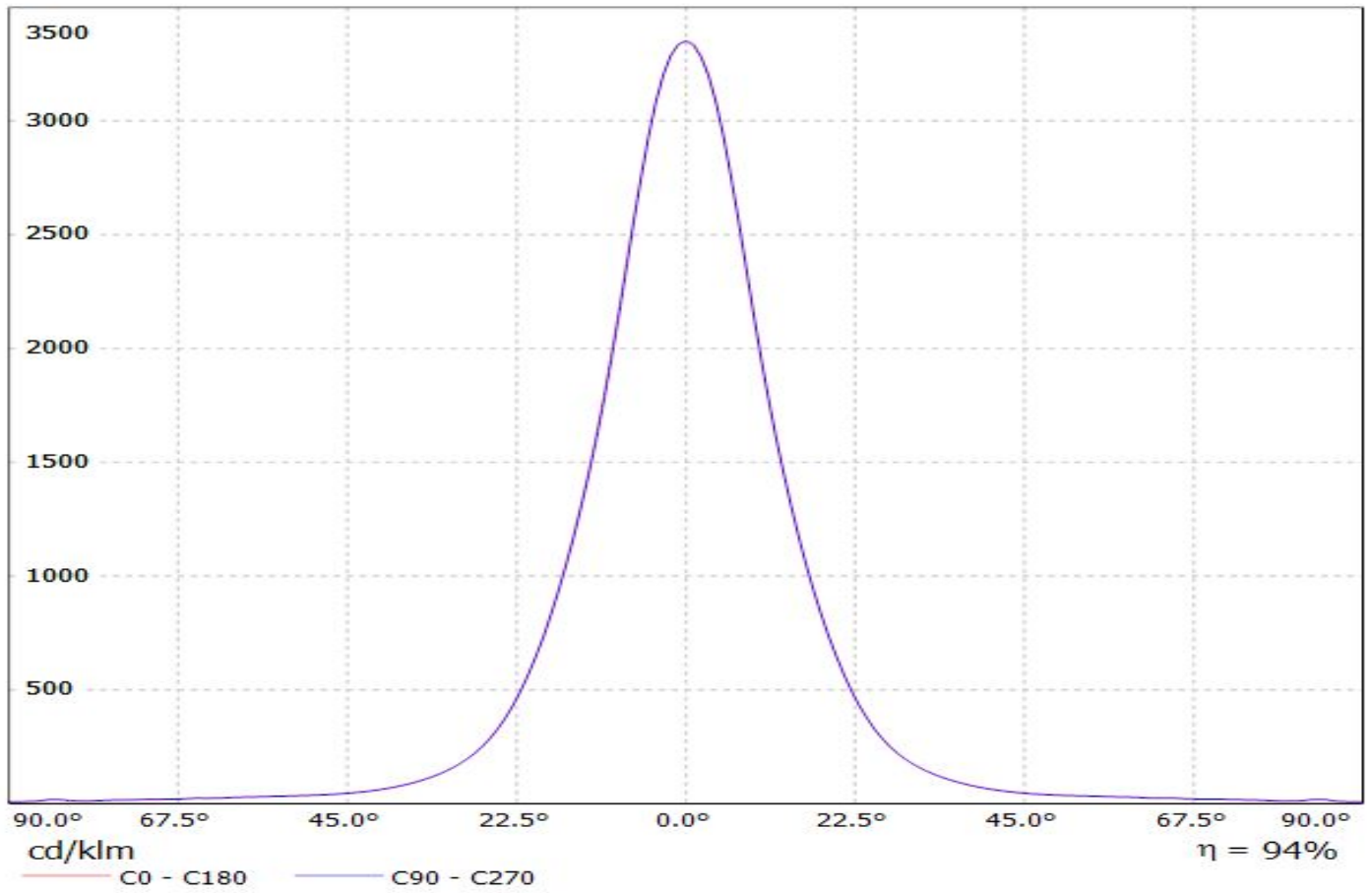
Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ)

Lamps: 1 x Luxeon_MZ-2x2MX_(LMZ9-SW30)_1123.93lm@250mA_CCT=3000K_P=10.967W_I=0.25A



Luminaire: LEDiL Oy CS14840_HB-2X2MX-M_(NV4x144A)

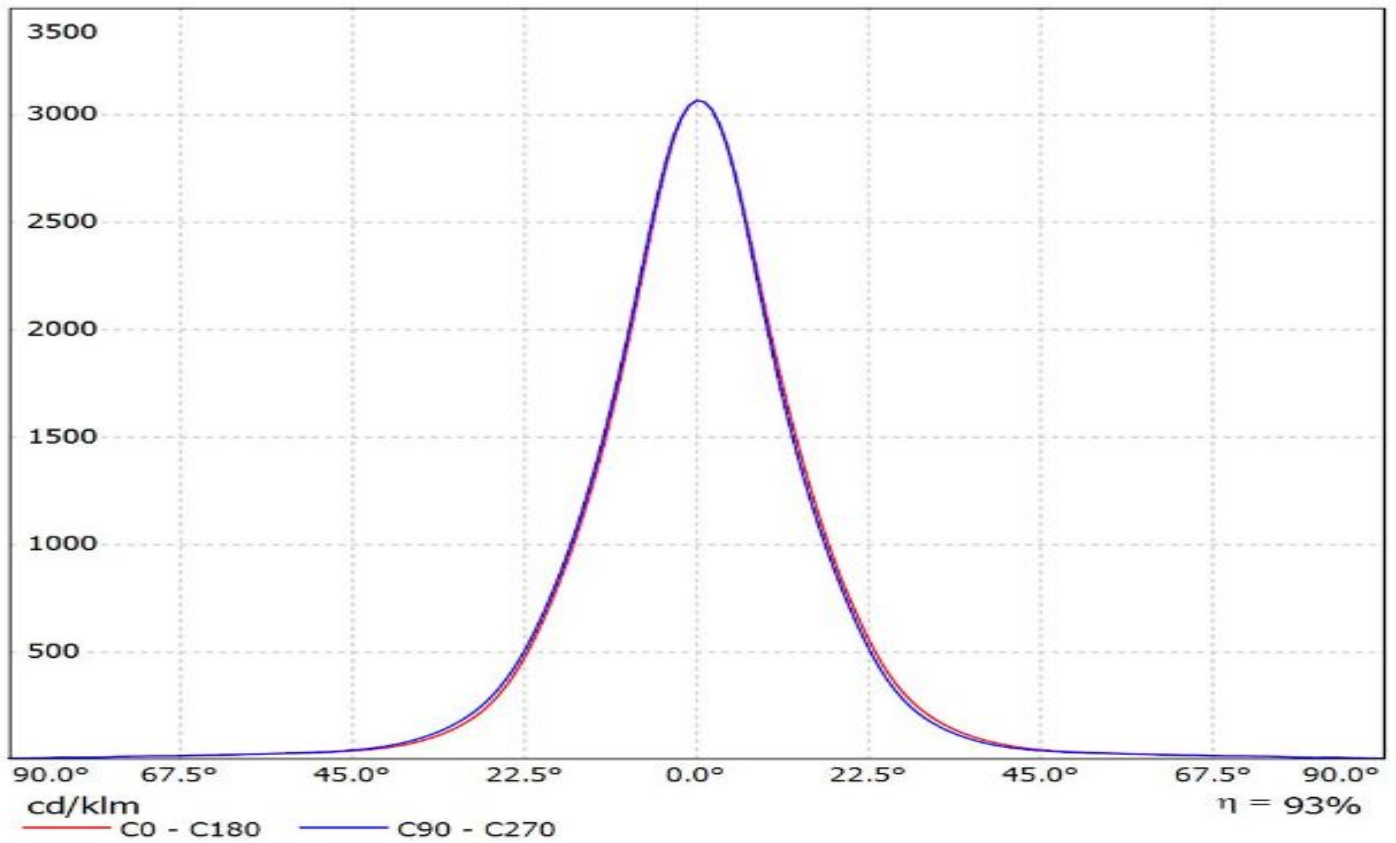
Lamps: 1 x Nichia_NV4x144A_1841.22lm@250mA_P=10.9615W_I=0.250A



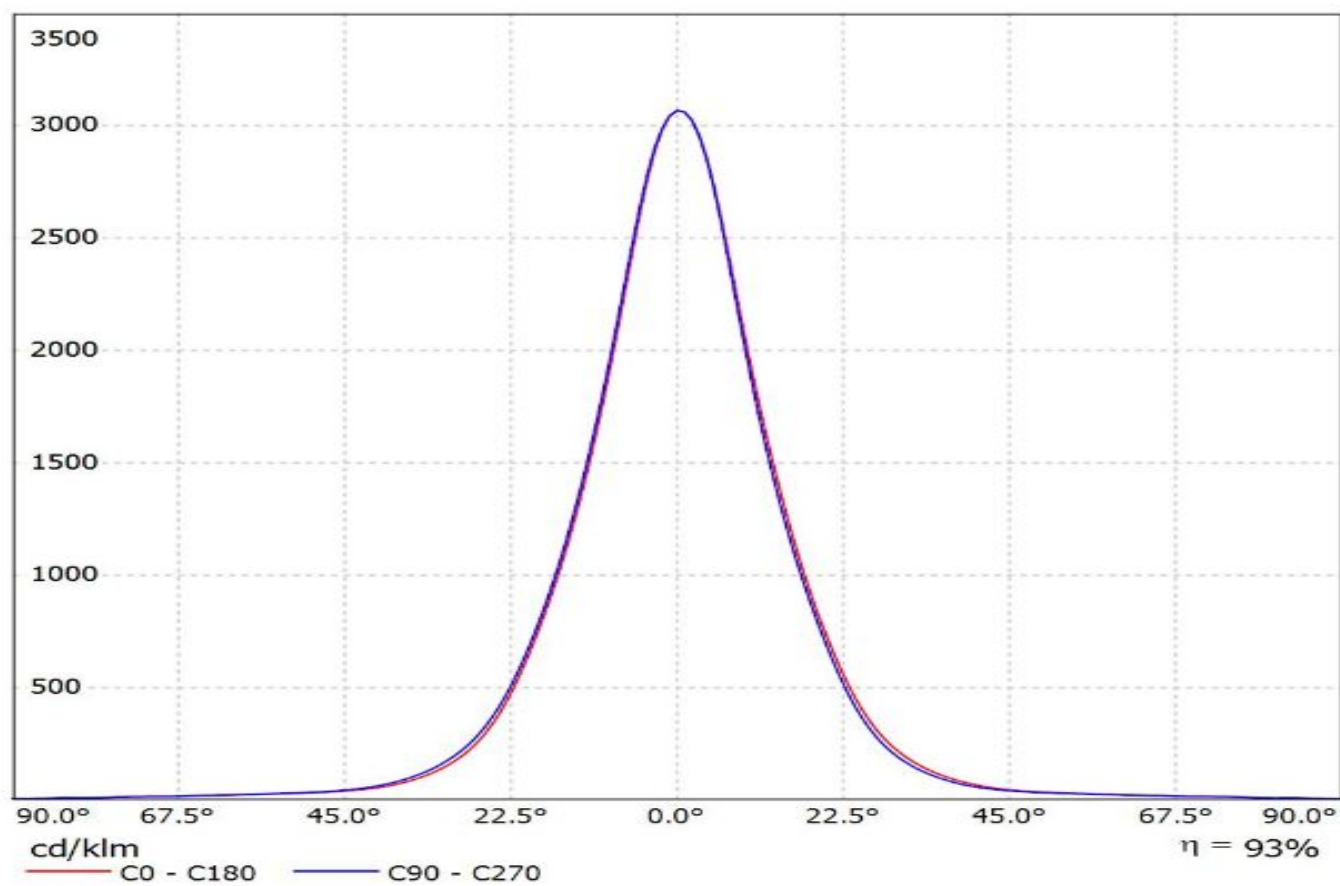
Ledil CS14840_HB-2x2MX-M_(Luxeon_M) / LDC (Linear)

Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_M)

Lamps: 1 x Luxeon_M_2x2MX_(Lumileds)_1799.33lm@250mA_P=10.874W_I=0.25A



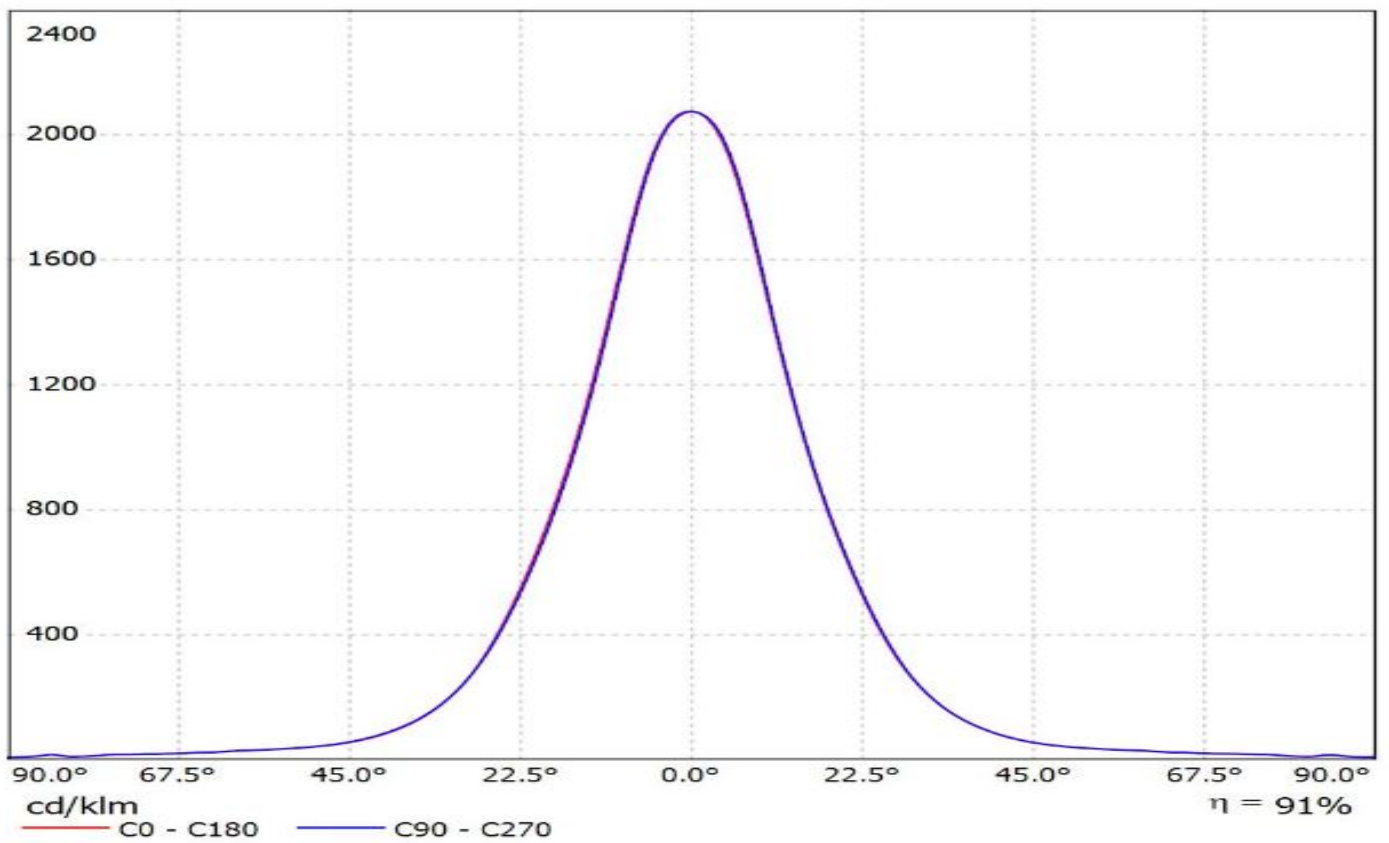
Luminaire: Ledil CS14840_HB-2x2MX-M (XR-M_2x2)
Lamps: 1 x Lumileds_XR-M_2x2_1799.33lm@250mA_P=10.874W_I=0.25A



Ledil CS14840_HB-2x2MX-M_(XHP70) / LDC (Linear)

Luminaire: Ledil CS14840_HB-2x2MX-M_(XHP70)

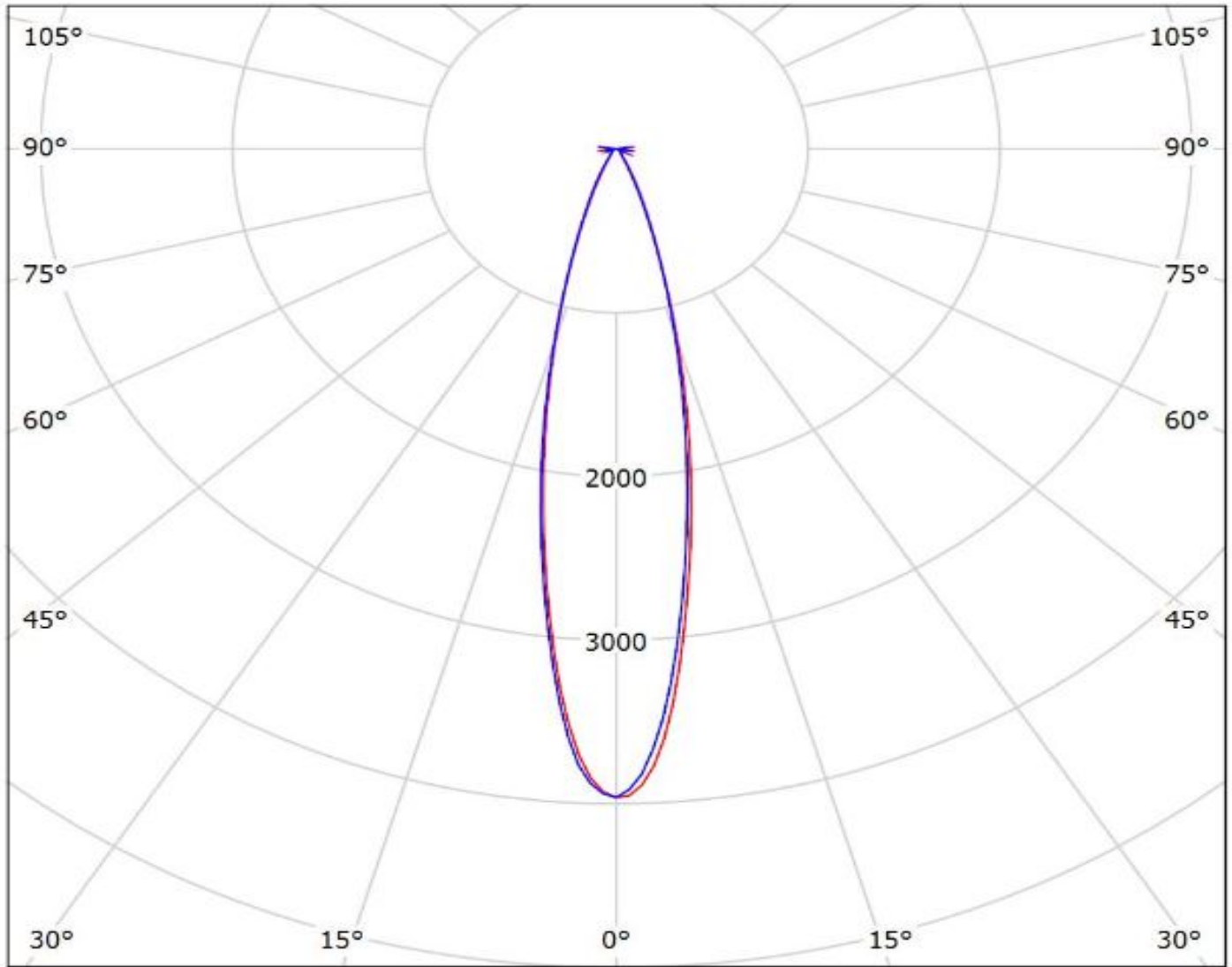
Lamps: 1 x Cree_XHP70-2x2MX_1527.15lm@250mA_P=10.997W_I=0.25A



Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ) / LDC (Polar)

Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_MZ)

Lamps: 1 x Luxeon_MZ-2x2MX_(LMZ9-SW30)_1123.93lm@250mA_CCT=3000K_P=10.967W_I=0.25A



cd/klm

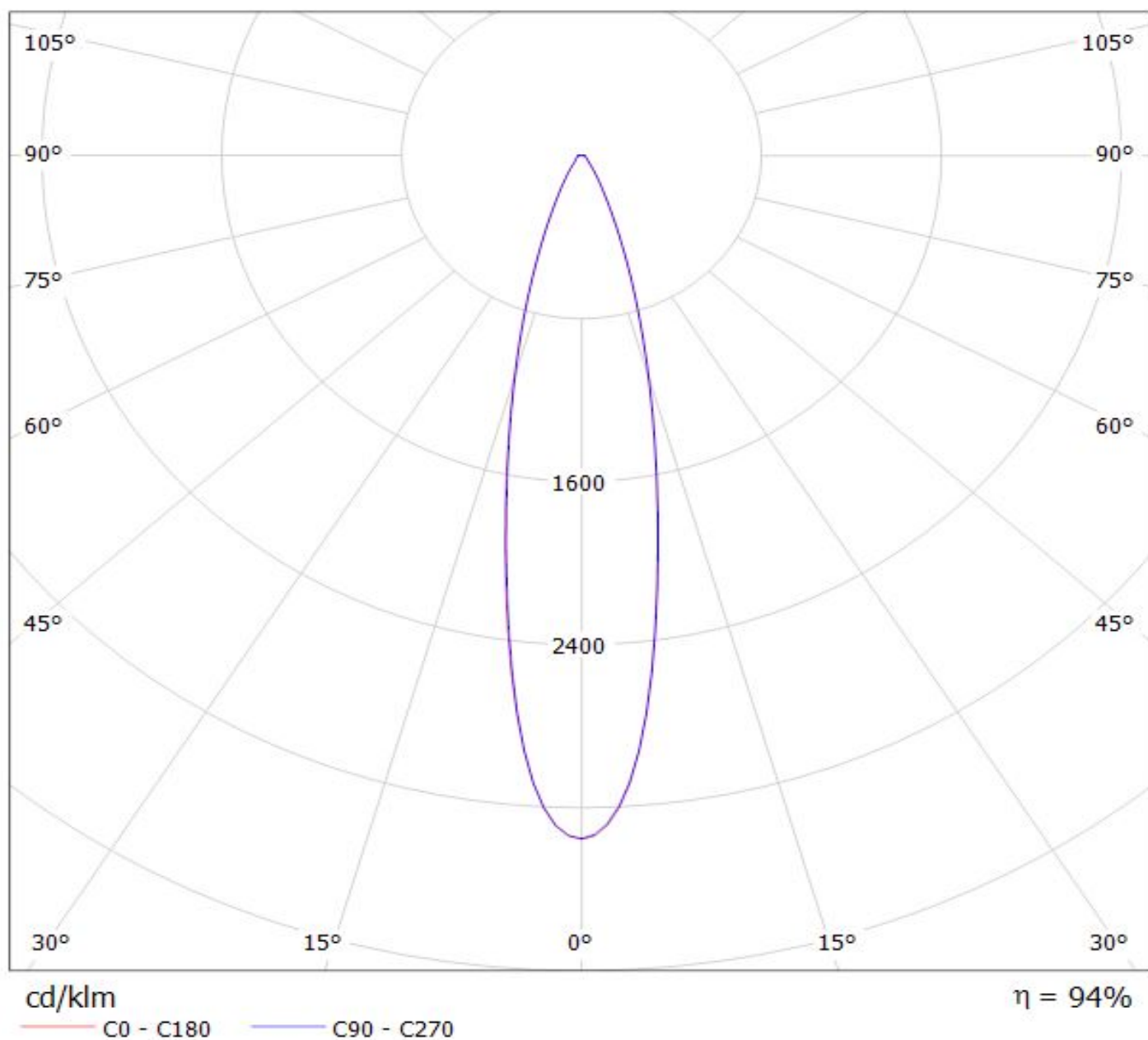
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14840_HB-2X2MX-M_(NV4x144A)

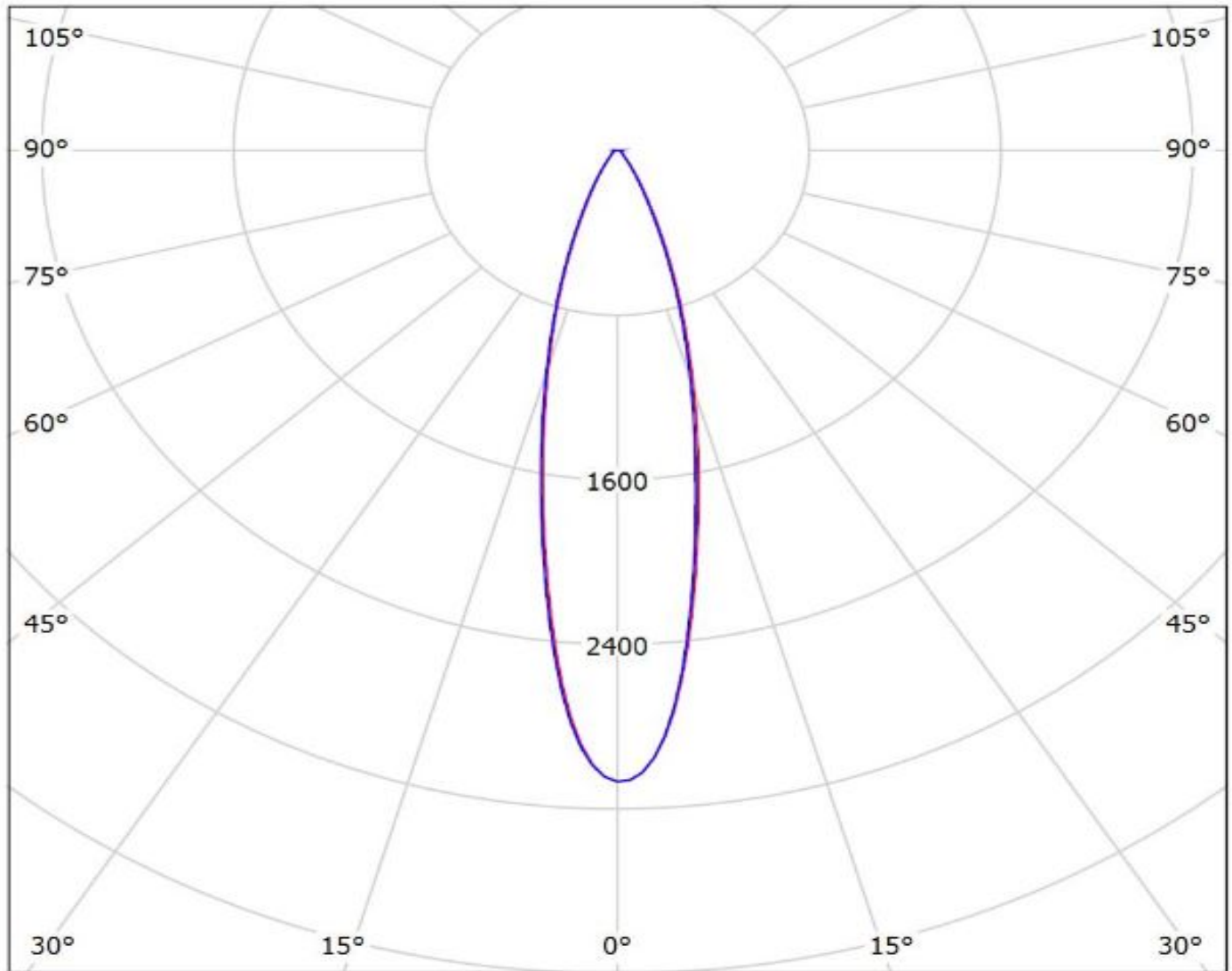
Lamps: 1 x Nichia_NV4x144A_1841.22lm@250mA_P=10.9615W_I=0.250A



Ledil CS14840_HB-2x2MX-M_(Luxeon_M) / LDC (Polar)

Luminaire: Ledil CS14840_HB-2x2MX-M_(Luxeon_M)

Lamps: 1 x Luxeon_M_2x2MX_(Lumileds)_1799.33lm@250mA_P=10.874W_I=0.25A



cd/klm

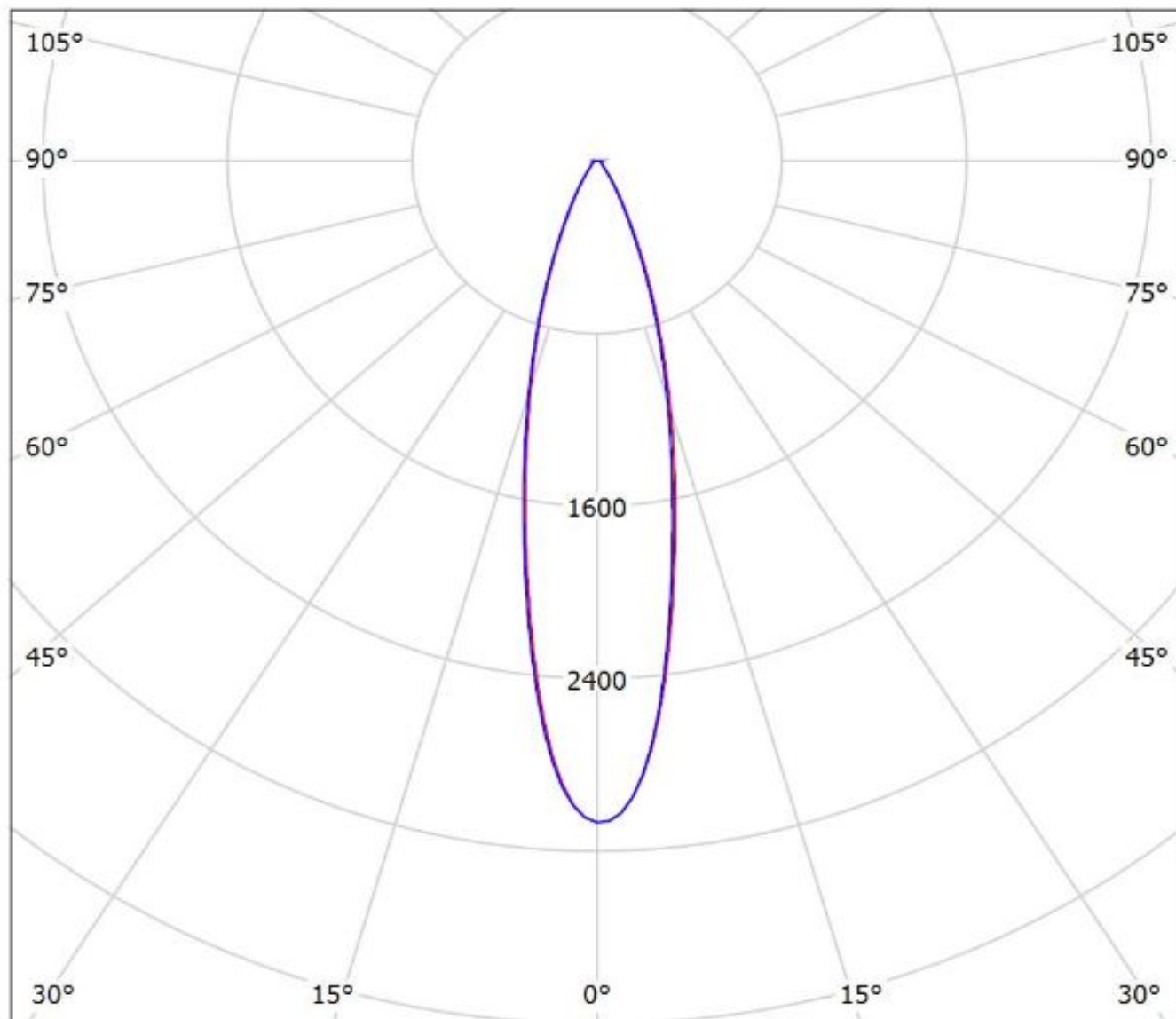
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil CS14840_HB-2x2MX-M_(XR-M_2x2)

Lamps: 1 x Lumileds_XR-M_2x2_1799.33lm@250mA_P=10.874W_I=0.25A



cd/klm

— C0 - C180

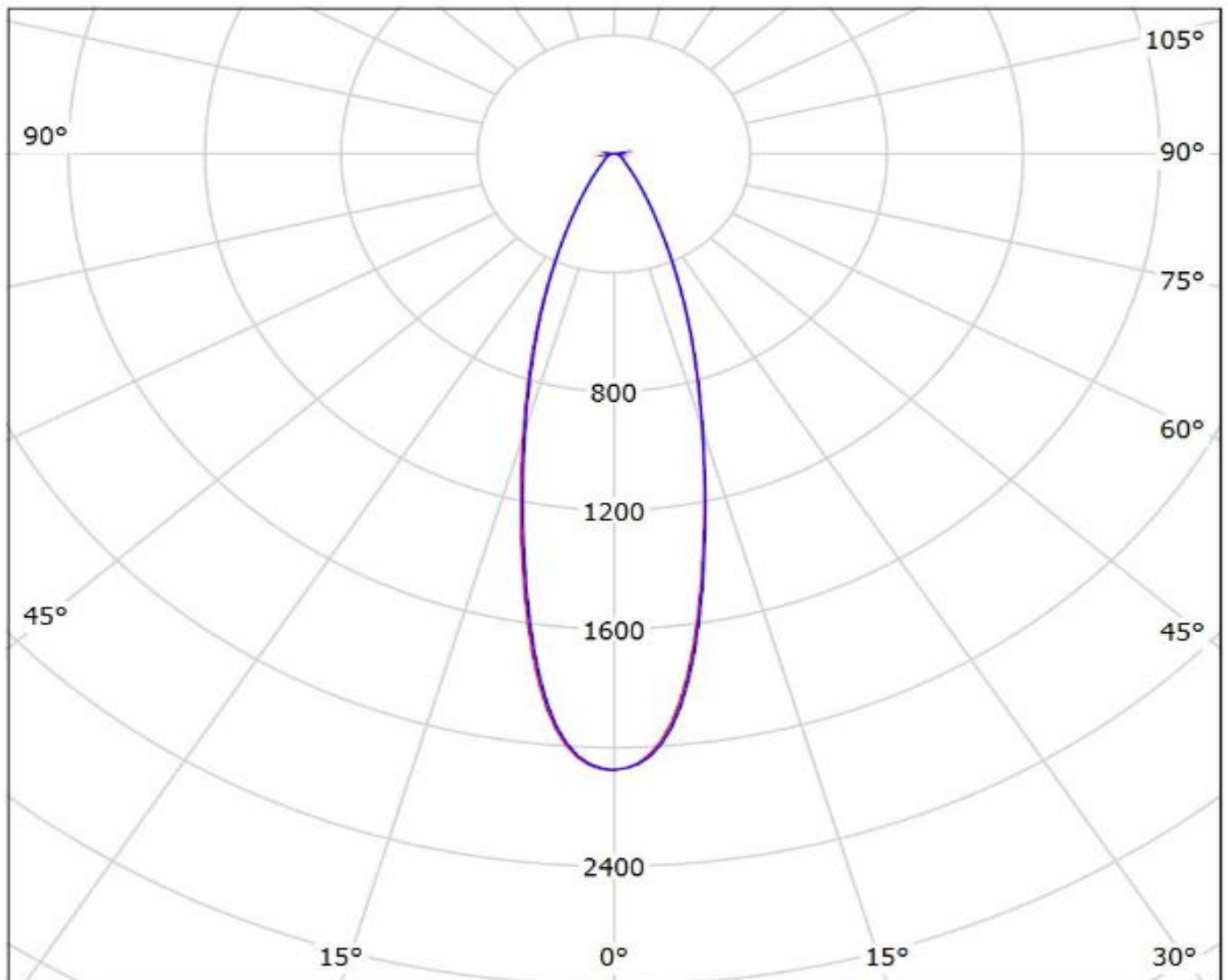
— C90 - C270

$\eta = 93\%$

Ledil CS14840_HB-2x2MX-M_(XHP70) / LDC (Polar)

Luminaire: Ledil CS14840_HB-2x2MX-M_(XHP70)

Lamps: 1 x Cree_XHP70-2x2MX_1527.15lm@250mA_P=10.997W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

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.