# PRODUCT DATASHEET
# Emily series
last update 9/6/2016

## DETAILS



| | |
|---|---|
| **Product Number** | CA13498_EMILY-WWW |
| **Family** | Emily |
| **Type** | Assembly |
| **Color** | clear |
| **Diameter** | 26 mm |
| **Height** | 13,3 mm |
| **Style** | round |
| **Optic Material** | PMMA |
| **Holder Material** | |
| **Fastening** | tape |
| **Status** | production ready |
| **ROHS Comliant** | Yes |
| **Date Updated** | 9/06/2016 |

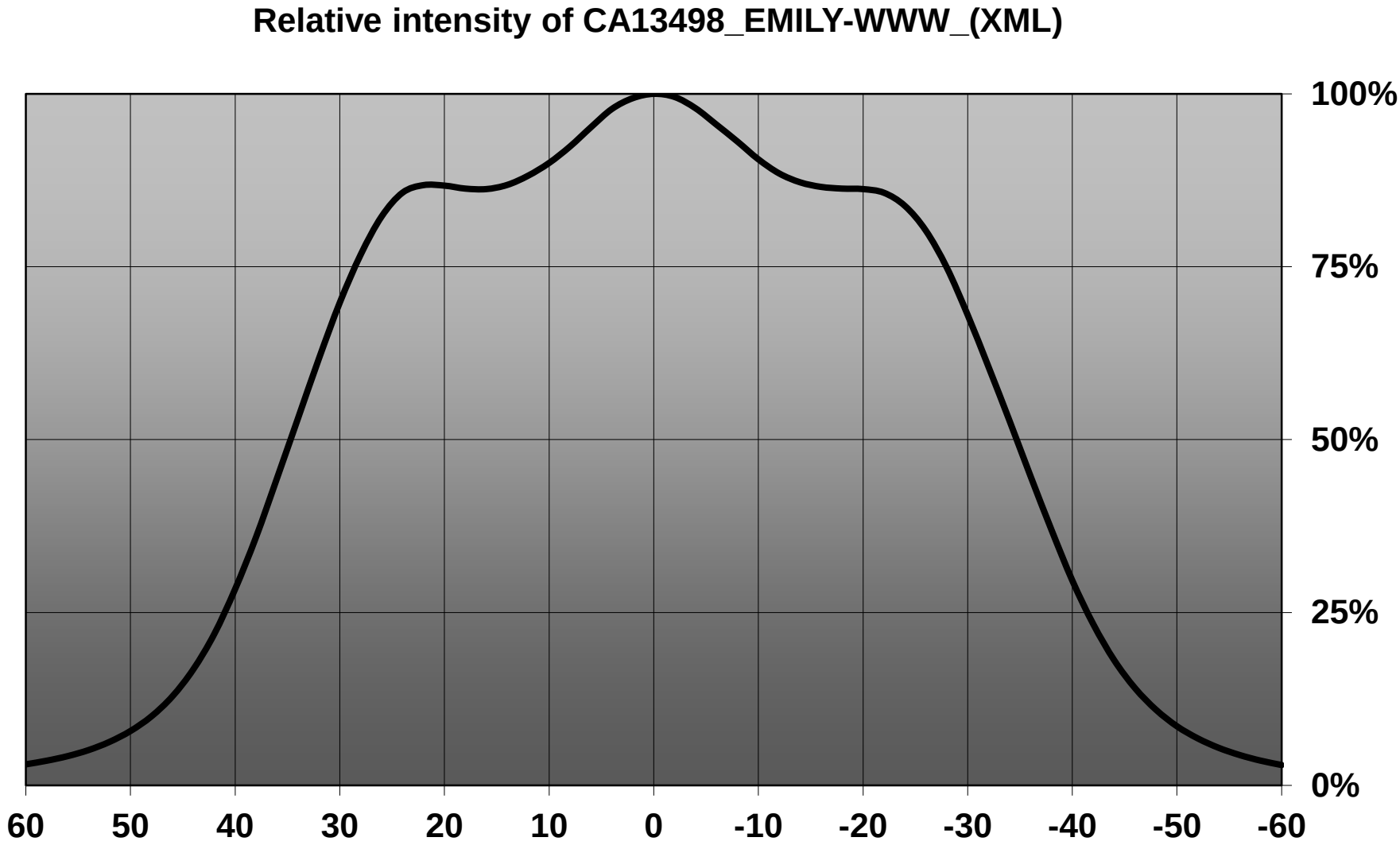
## OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Effi-ciency | cd/lm | Connector |
|---|---|---|---|---|---|
| XM-L | 70 deg | WWW-class | 90 % | 0.700 | - |
| XM-L2 | 70 deg | WWW-class | 88 % | 0.700 | - |
| XP-L | 66 deg | WWW-class | 83 % | 0.710 | - |
| XP-L HI | 67 deg | WWW-class | 88 % | 0.760 | - |
| XHP35 HD | 70 deg | WWW-class | 84 % | 0.700 | - |

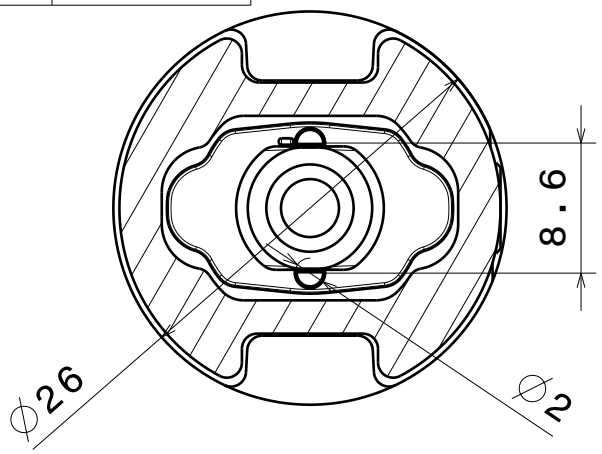


*Ledil Oy*
*Salorankatu 10*
*24240 SALO, Finland*

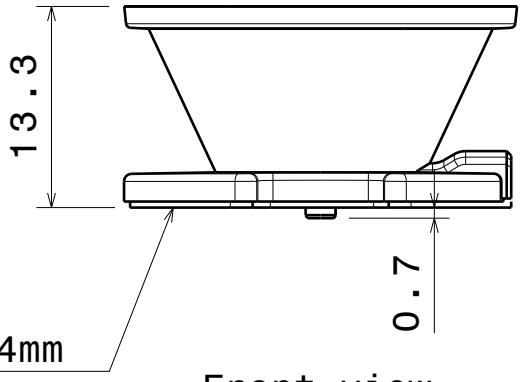
*http://www.ledil.com*
*email: ledil@ledil.com*
*FAX: +358-2-733 8001*


Relative intensity of CA13498_EMILY-WWW_(XML)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60

| INDEX | PART NO | DESCRIPTION | MATERIAL |
|---|---|---|---|
| 1 | | | |




Bottom view




Front view
Scale: 2:1

Materials:
Lens PMMA
Tape PU foam with PSA

Tolerances for dimensions:
0-20mm tolerance value +-0.1mm
21-45mm tolerance value +-0.2mm
46-90mm tolerance value +-0.3mm
91-100mm tolerance value +-0.4mm
101-mm tolerance value +-0.5mm

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

| DRAWN BY | DATE |
|---|---|
| pv | 27.9.2012 |
| CHECKED BY | DATE |
| - | - |
| DESIGNED BY | DATE |
| - | - |

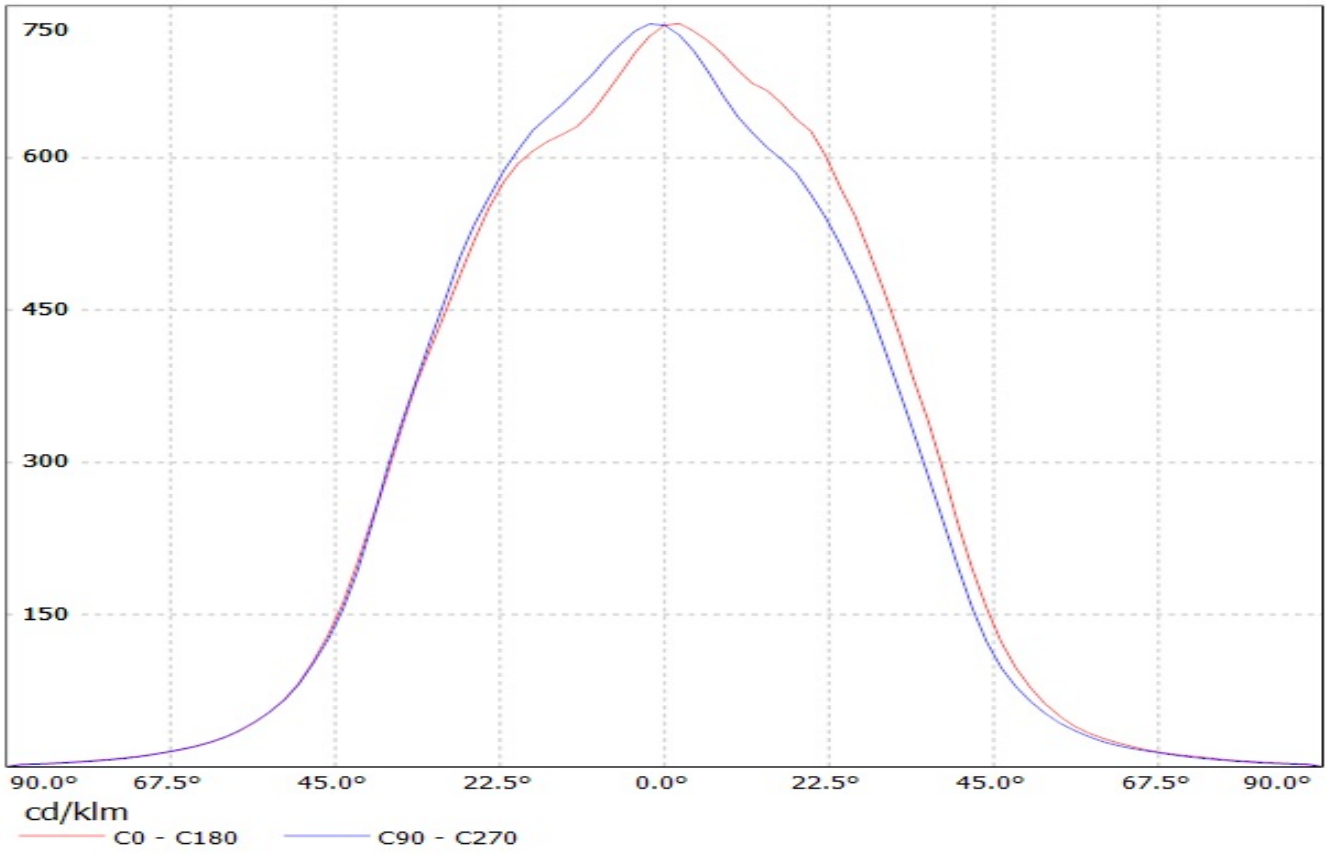
DRAWING TITLE: Part Drawing

Datasheet EMILY-WWW assy

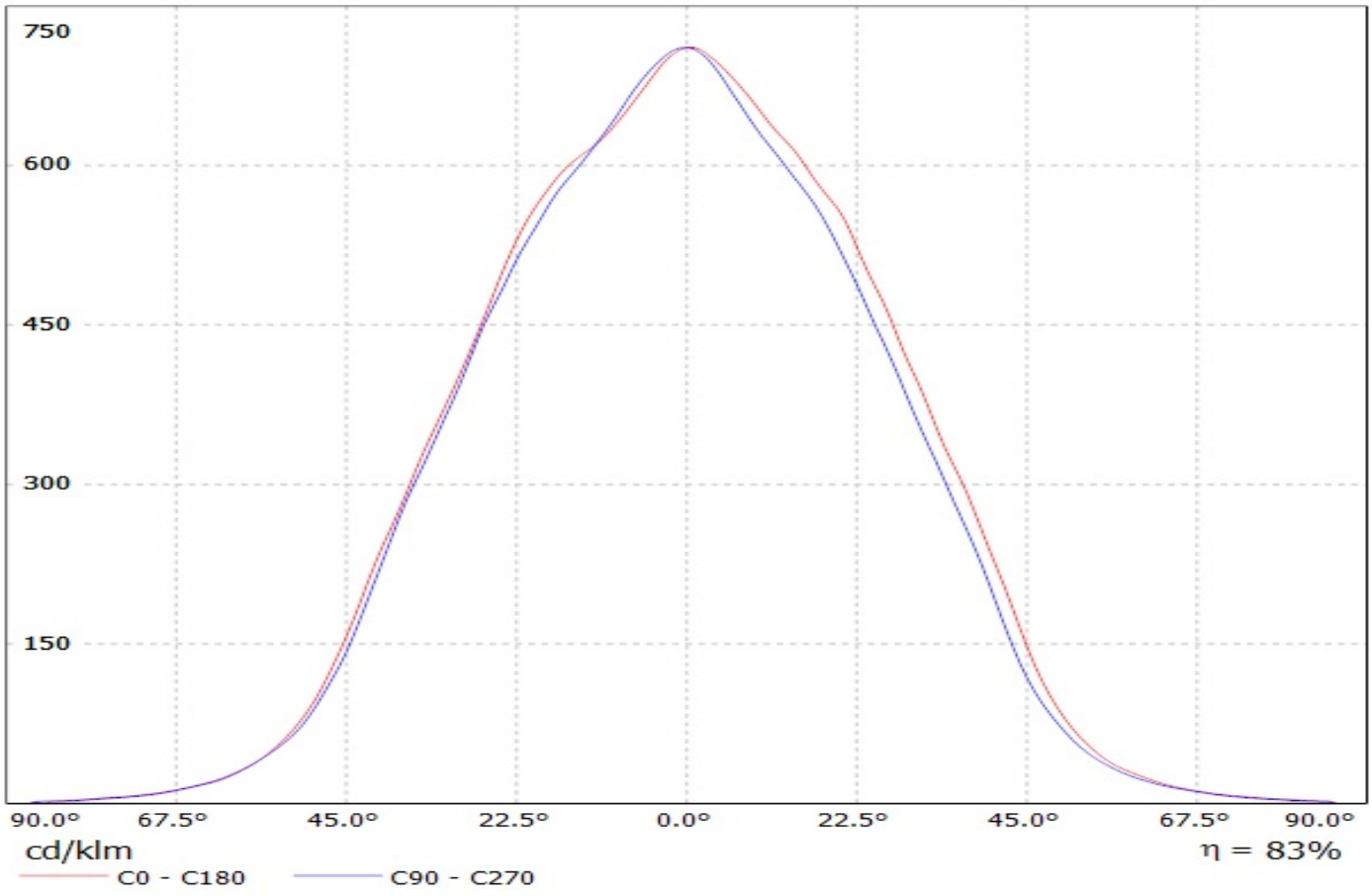
| SIZE | PART NUMBER | REV |
|---|---|---|
| A4 | CA12589 | 001 |

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

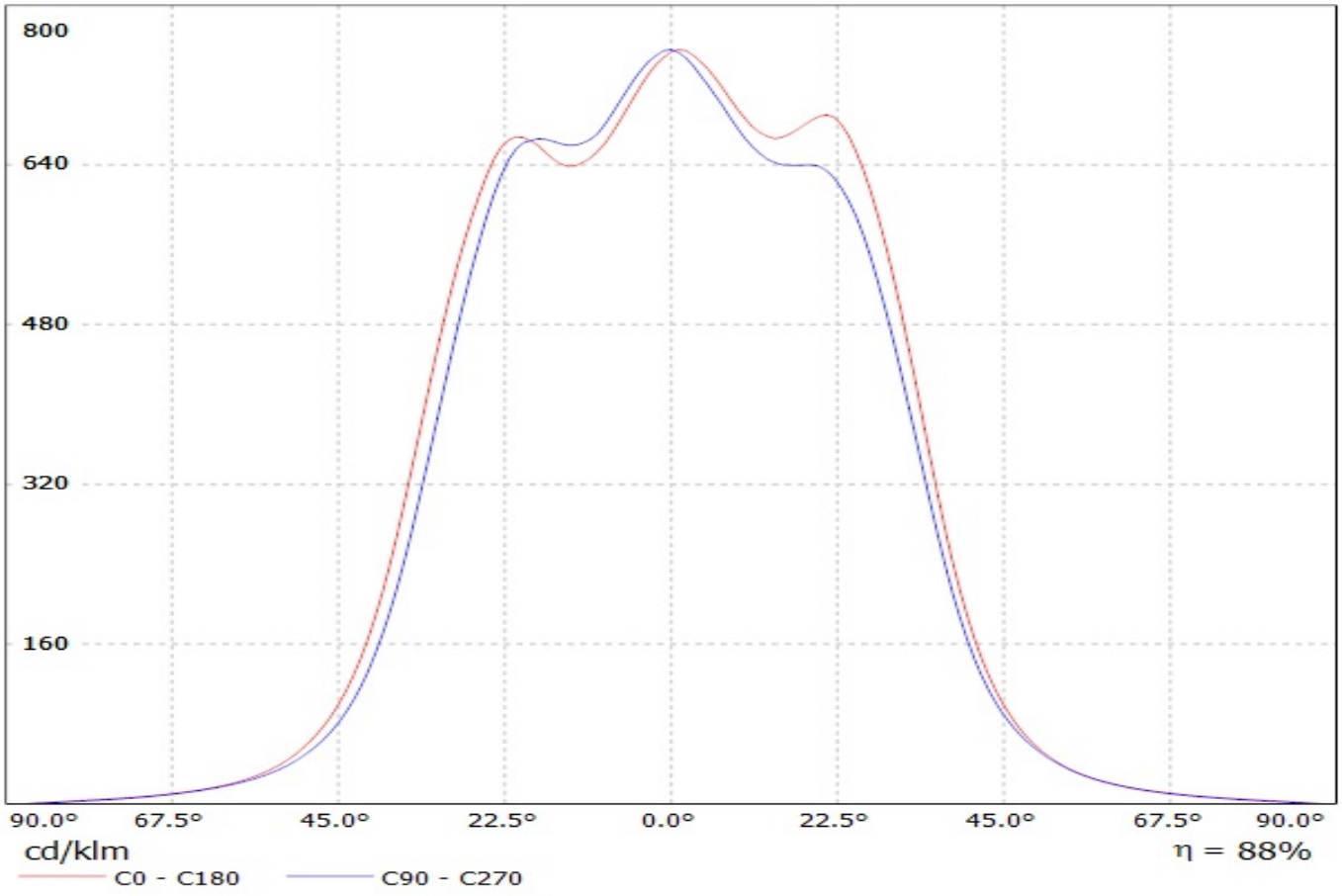
Luminaire: LEDiL CA13498_EMILY-WWW Efficiency=88%
Lamps: 1 x Cree XM-L2 (100lm @ 250mA) P=0.7W I=250mA



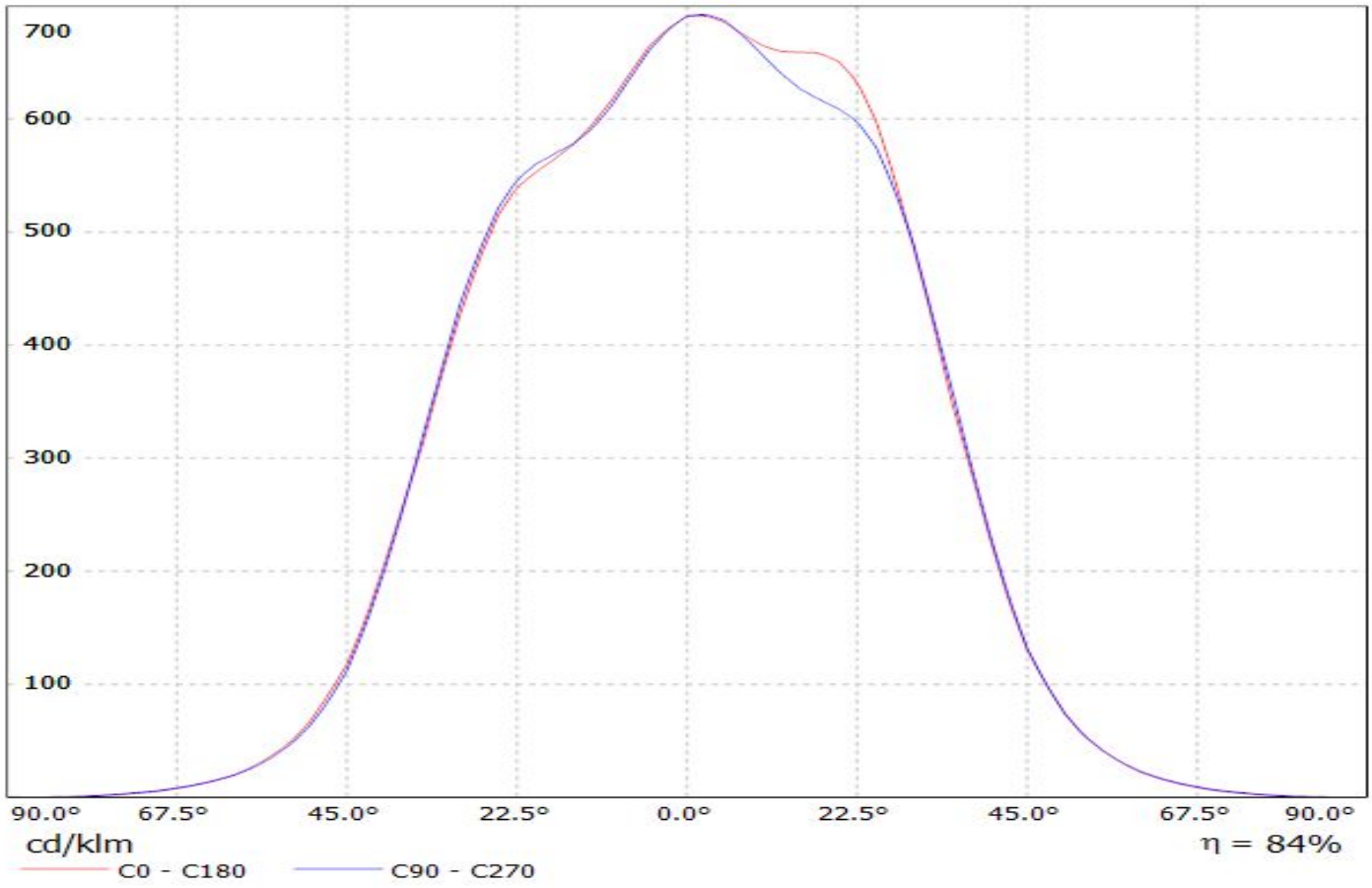
Luminaire: LEDil Oy CA13498_EMILY-WWW_(XP-L)
Lamps: 1 x Cree XP-L (124.35lm @ 250mA) P=0.7W I=250mA



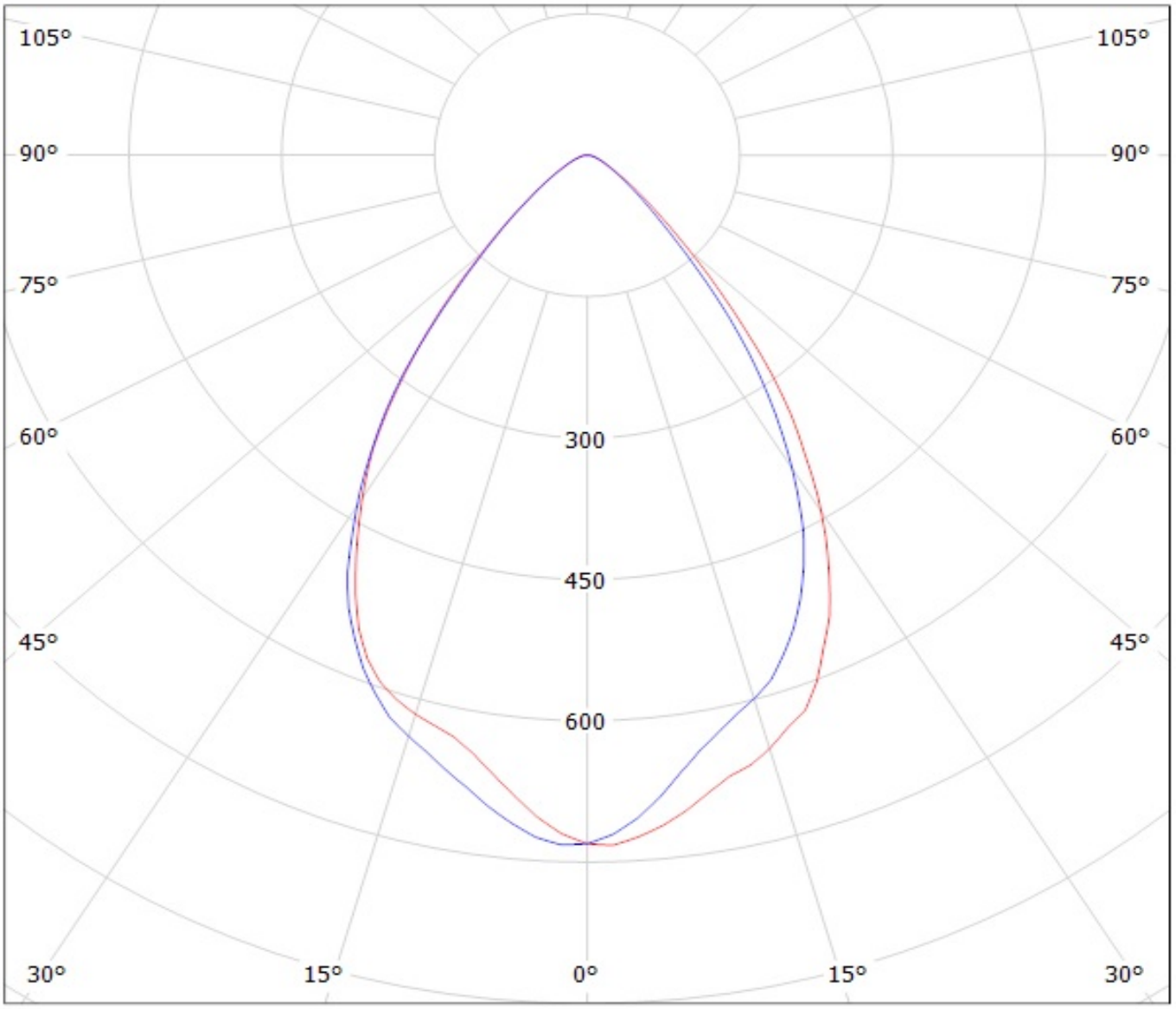
Luminaire: LEDiL Oy CA13498_EMILY-WWW_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_114.406lm@250mA_P=0.745352W_I=0.2499A



Luminaire: LEDiL Oy
Lamps: 1 x CA13498_EMILY-WWW_(XHP35)



Luminaire: LEDiL CA13498_EMILY-WWW Efficiency=88%
Lamps: 1 x Cree XM-L2 (100lm @ 250mA) P=0.7W I=250mA

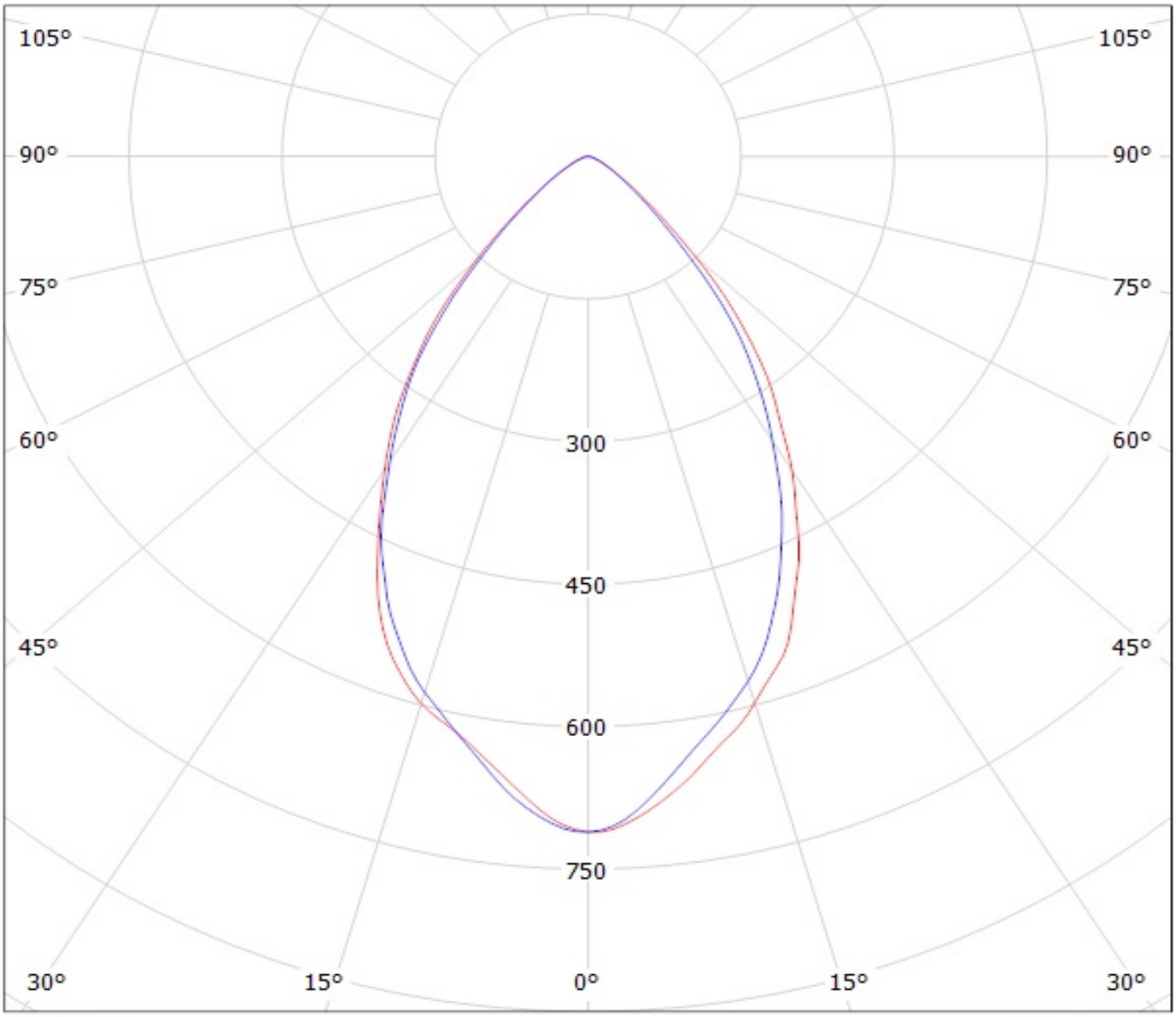



cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: LEDil Oy CA13498_EMILY-WWW_(XP-L)
Lamps: 1 x Cree XP-L (124.35lm @ 250mA) P=0.7W I=250mA

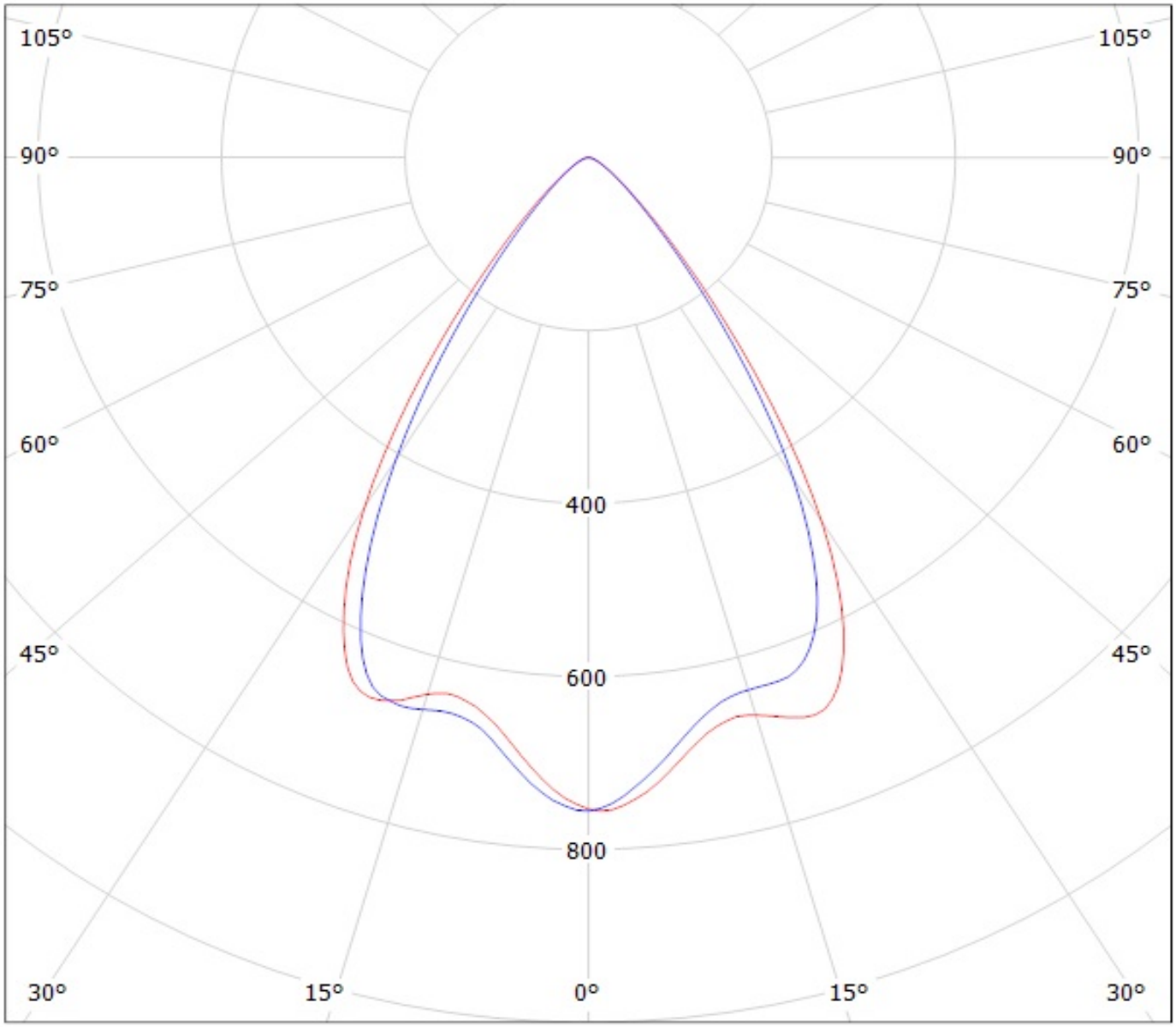



cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CA13498_EMILY-WWW_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_114.406lm@250mA_P=0.745352W_I=0.2499A

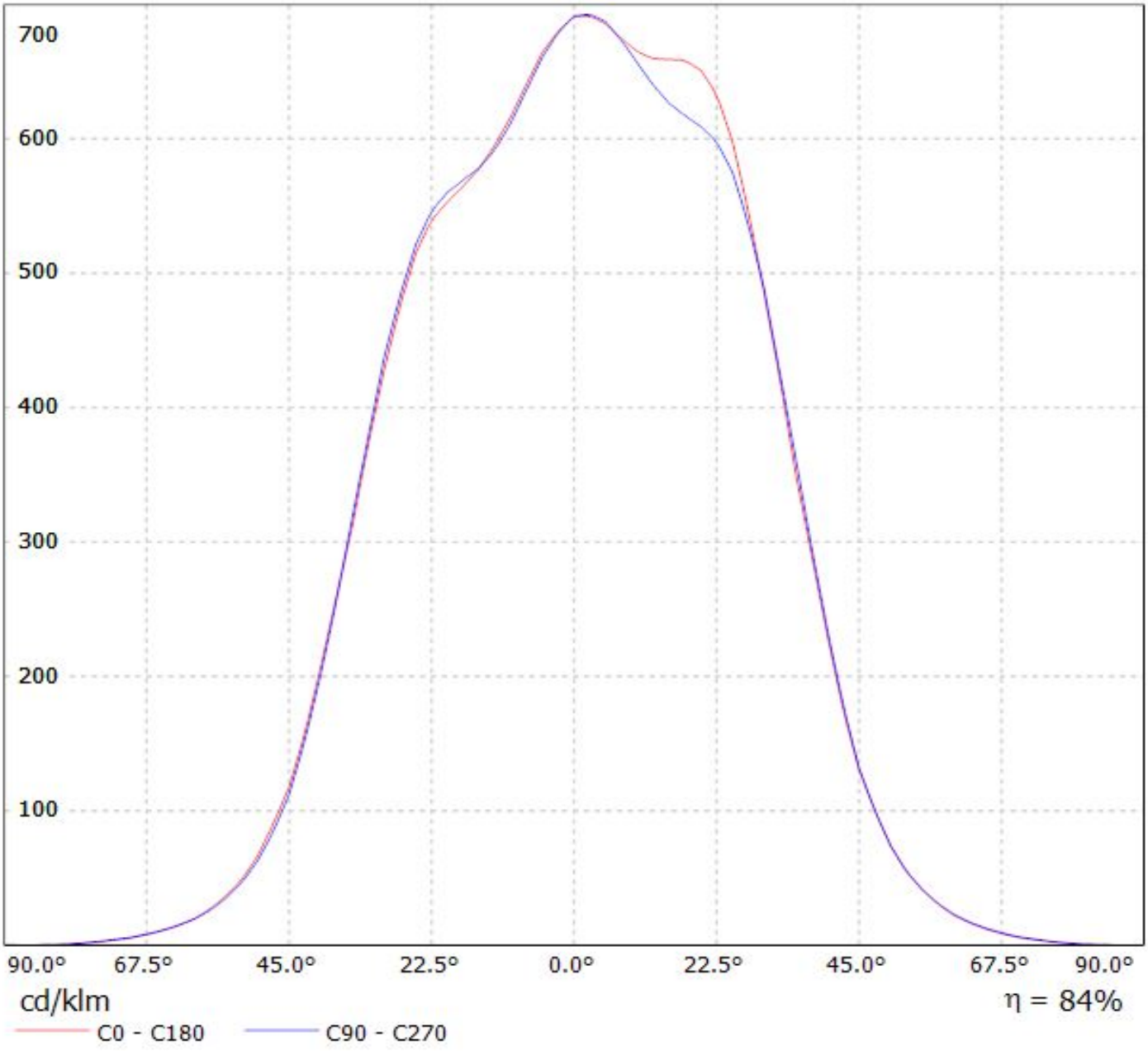



cd/klm

η = 88%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy
Lamps: 1 x CA13498_EMILY-WWW_(XHP35)



**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.**