

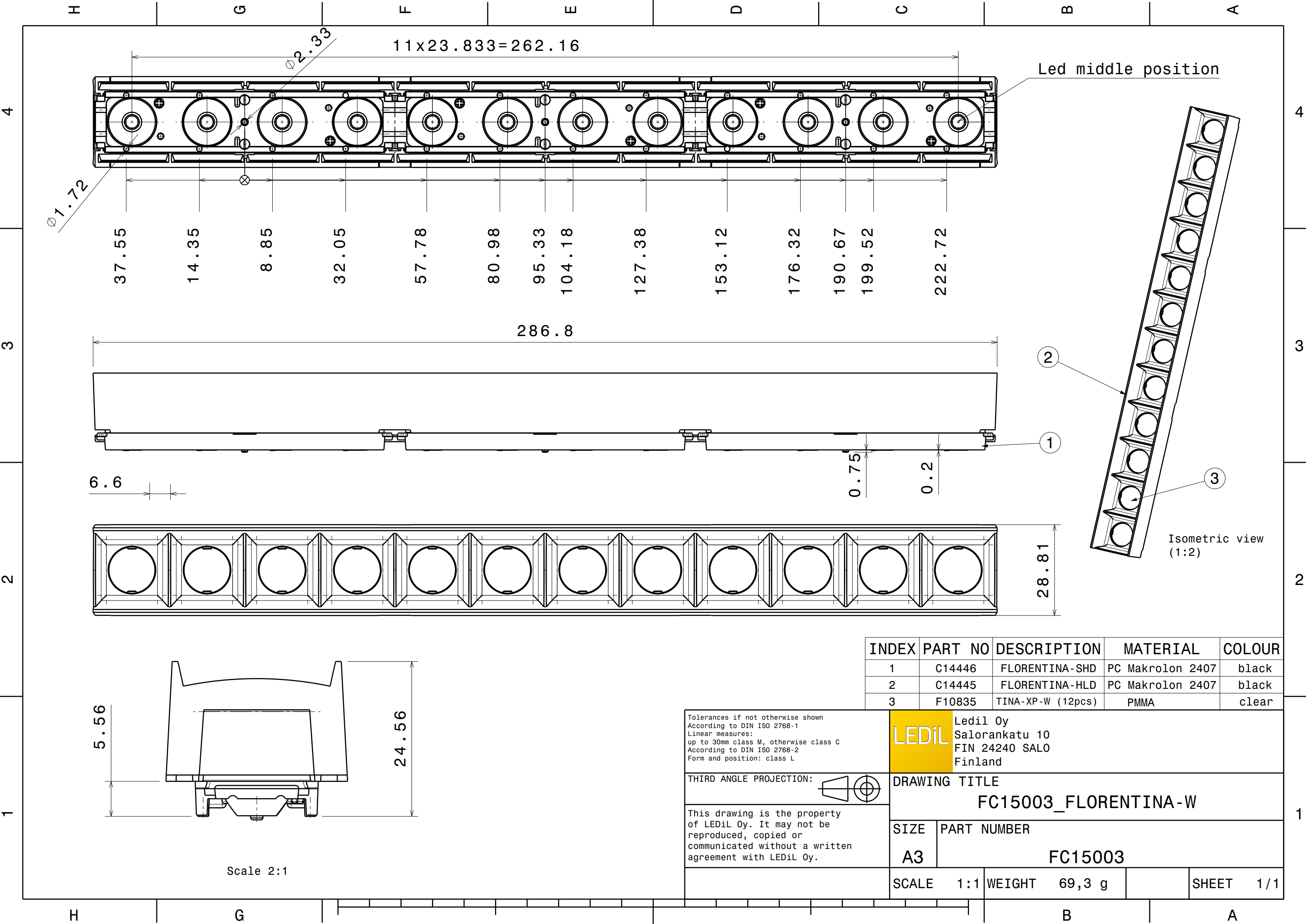
## DETAILS

|                        |                      |
|------------------------|----------------------|
| <b>Product Number</b>  | FC15003_FLORENTINA-W |
| <b>Family</b>          | Florentina           |
| <b>Type</b>            | Lens system          |
| <b>Color</b>           | black                |
| <b>Diameter</b>        | 285,6+19,5 mm        |
| <b>Height</b>          | 10,2 mm              |
| <b>Style</b>           | rectang              |
| <b>Optic Material</b>  | PMMA                 |
| <b>Holder Material</b> | PC                   |
| <b>Fastening</b>       |                      |
| <b>Status</b>          | production ready     |
| <b>ROHS Compliant</b>  | Yes                  |
| <b>Date Updated</b>    | 15/09/2015           |



## OPTICAL PROPERTIES

| LED               | Viewing | Light | Efficiency | cd/lm | Connector |
|-------------------|---------|-------|------------|-------|-----------|
|                   | Angle   | Beam  |            |       |           |
| LUXEON Rebel Plus | 33 deg  | Wide  | 83 %       | 2.200 | -         |
| LUXEON Z ES       | 33 deg  | Wide  | 84 %       | 2.250 | -         |
| Oslon SSL 80      | 35 deg  | Wide  | 83 %       | 2.000 | -         |
| LUXEON TX         | 41 deg  | Wide  | 82 %       | 1.700 | -         |
| XP-E2             | 42 deg  | Wide  | 84 %       | 1.750 | -         |
| TL1L4             | 42 deg  | Wide  | 82 %       | 1.650 | -         |
| LUXEON Rebel ES   | 43 deg  | Wide  | 81 %       | 1.600 | -         |
| Oslon Square EC   | 46 deg  | Wide  | 80 %       | 1.450 | -         |
| NVSxx19B/NVSxx19C | 48 deg  | Wide  | 79 %       | 1.400 | -         |
| H35C1 (LEMWA33)   | 51 deg  | Wide  | 82 %       | 1.290 | -         |
| LH351B            | 52 deg  | Wide  | 82 %       | 1.260 | -         |

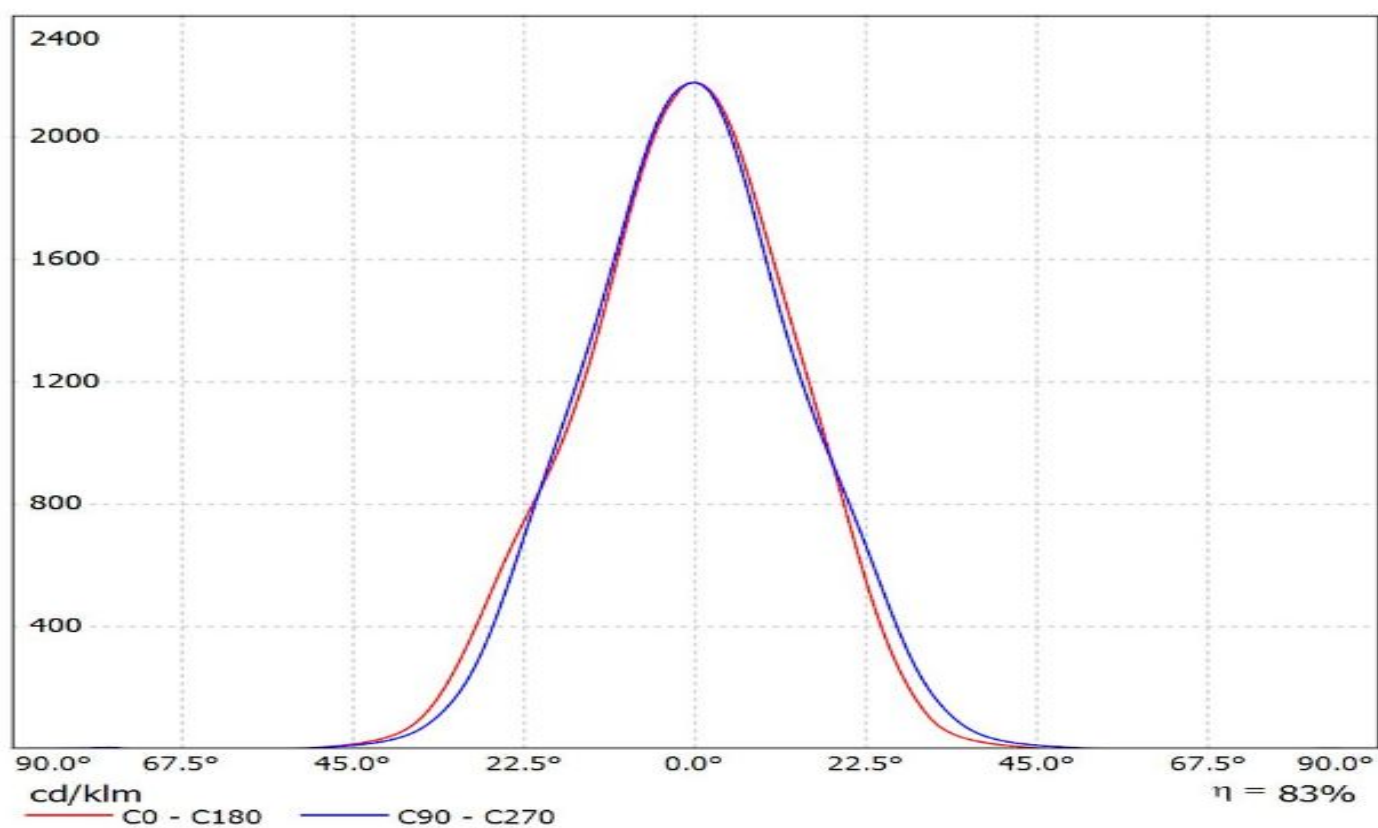


## Ledil FC15003\_FLORENTINA-W\_(Rebel\_Plus) / LDC (Linear)

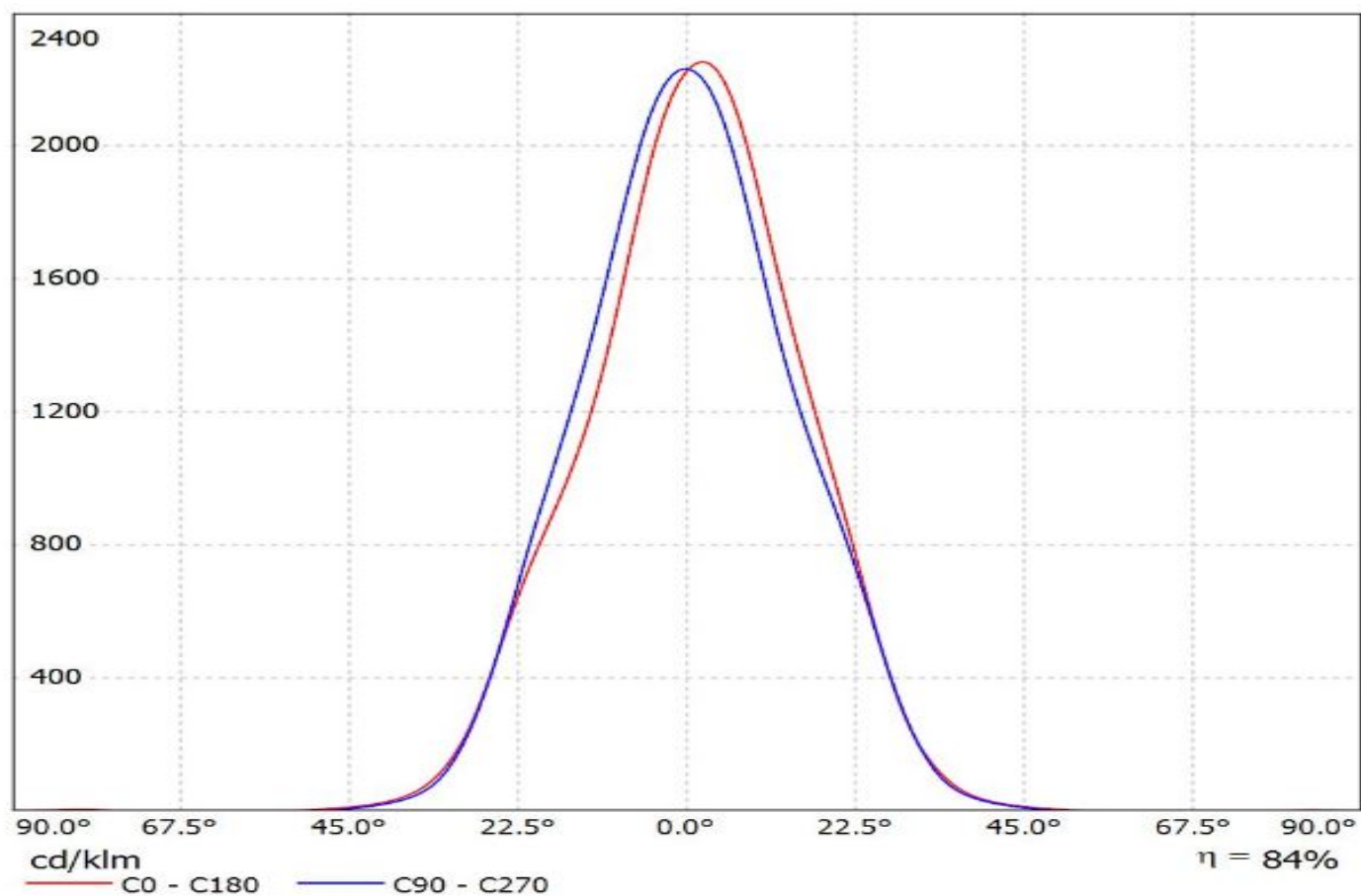
Luminaire: Ledil FC15003\_FLORENTINA-W\_(Rebel\_Plus)

Lamps: 1 x Luxeon\_Rebel\_Plus\_x12\_(LX18-P140-3)

\_1023.73lm@250mA\_CCT=4000K\_P=8.4525W\_I=0.25A

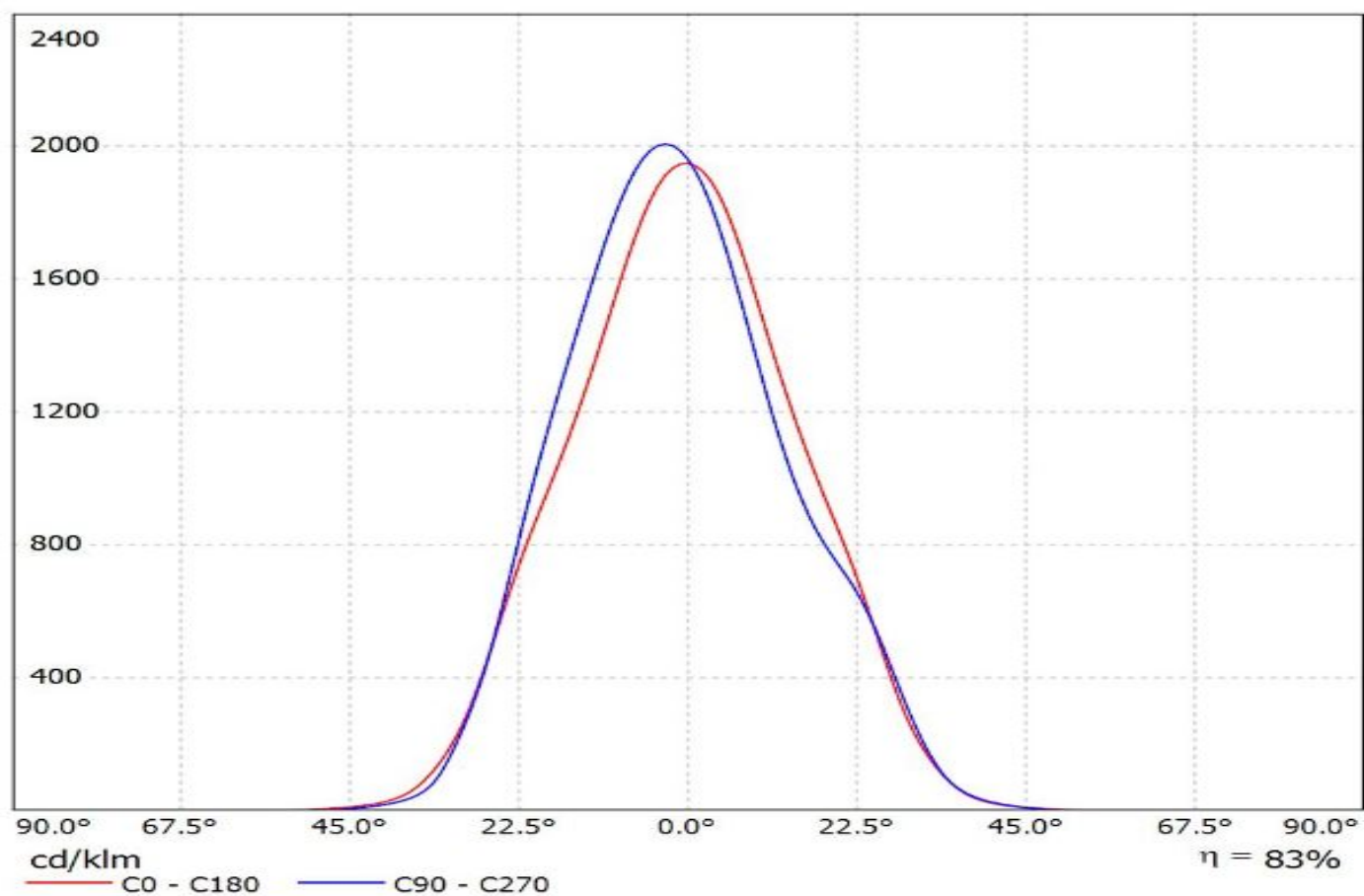


Luminaire: Ledil FC15003\_FLORENTINA-W\_(Luxeon\_Z-ES)  
Lamps: 1 x Luxeon\_Z-ES\_x12\_934.806@250mA\_P=8.3W\_I=0.25A



Luminaire: Ledil FC15003\_FLORENTINA-W\_(Oslon\_SSL\_80)

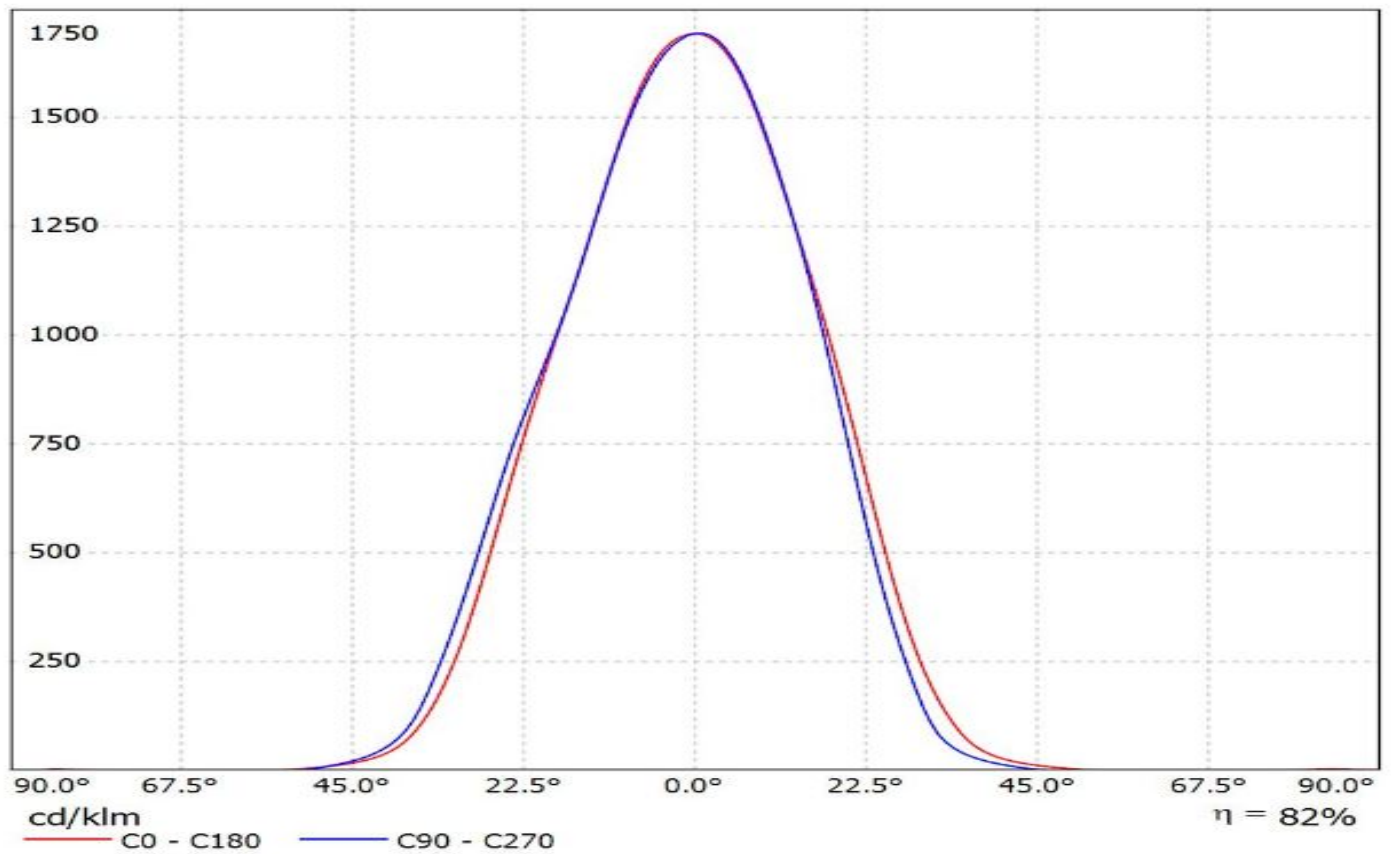
Lamps: 1 x Oslon\_SSL\_80\_828.64lm@250mA\_CCT=?K\_P=9.31W\_I=0.250A



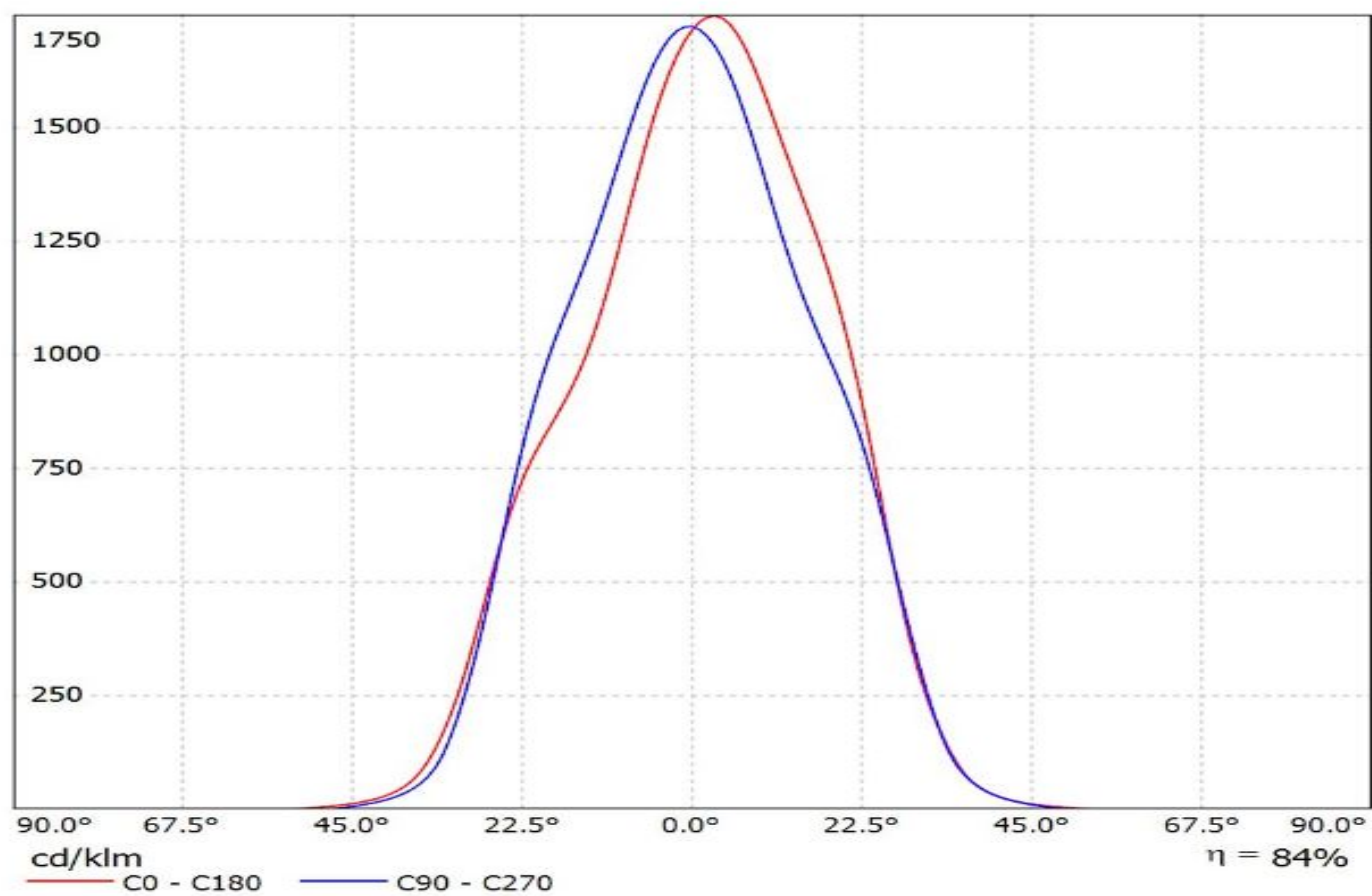
## Ledil FC15003\_FLORENTINA-W\_(Luxeon\_TX) / LDC (Linear)

Luminaire: Ledil FC15003\_FLORENTINA-W\_(Luxeon\_TX)

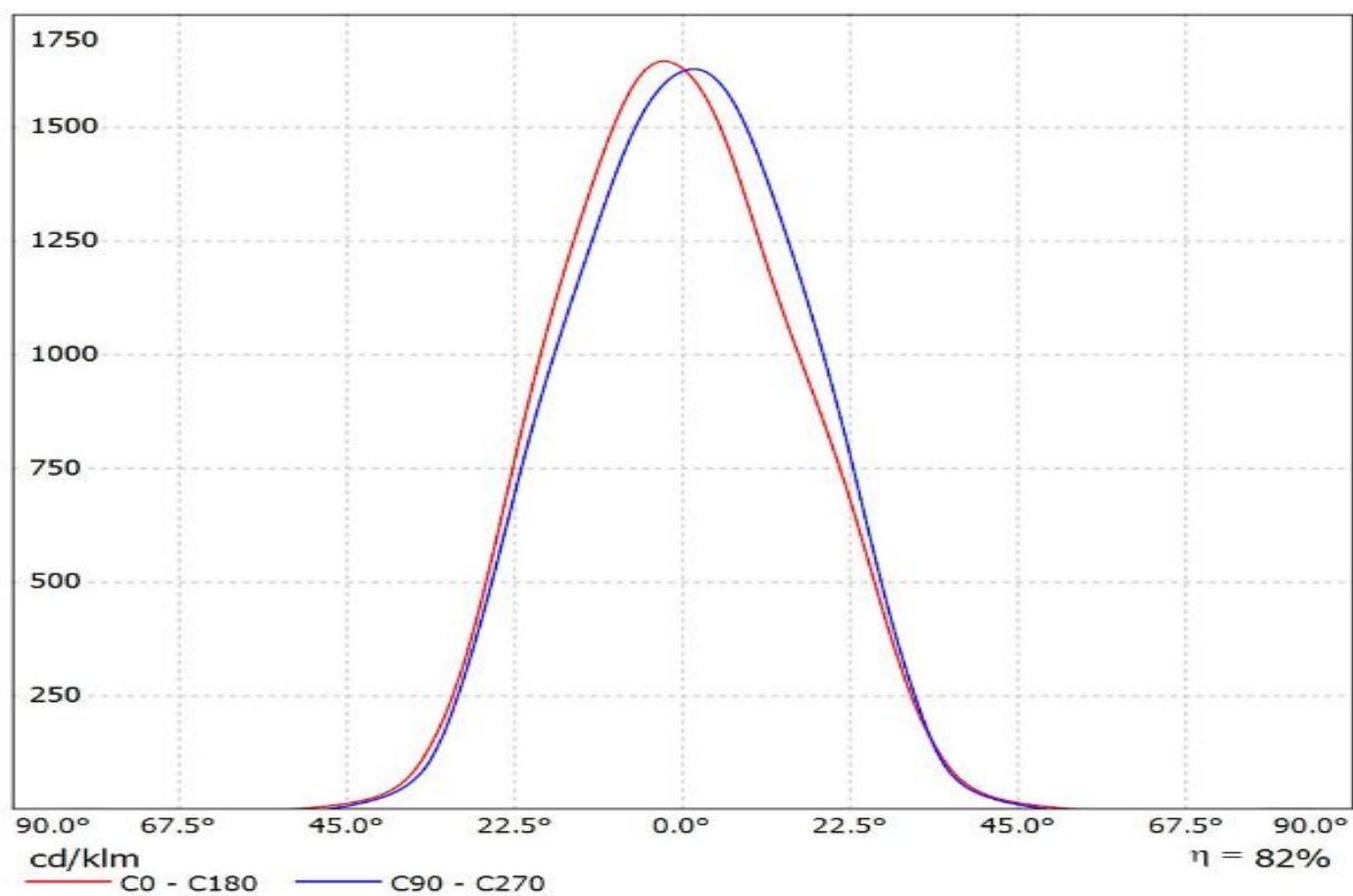
Lamps: 1 x Luxeon\_TX\_x12\_(L1T2-5770)\_1350.11lm@250mA\_CCT=5700K\_P=8.3223W\_I=0.25A



Luminaire: Ledil FC15003\_FLORENTINA-W\_(XP-E2)  
Lamps: 1 x XP-E2\_925.24lm@250mA\_CCT=3000K\_P=8.66W\_I=0.250A



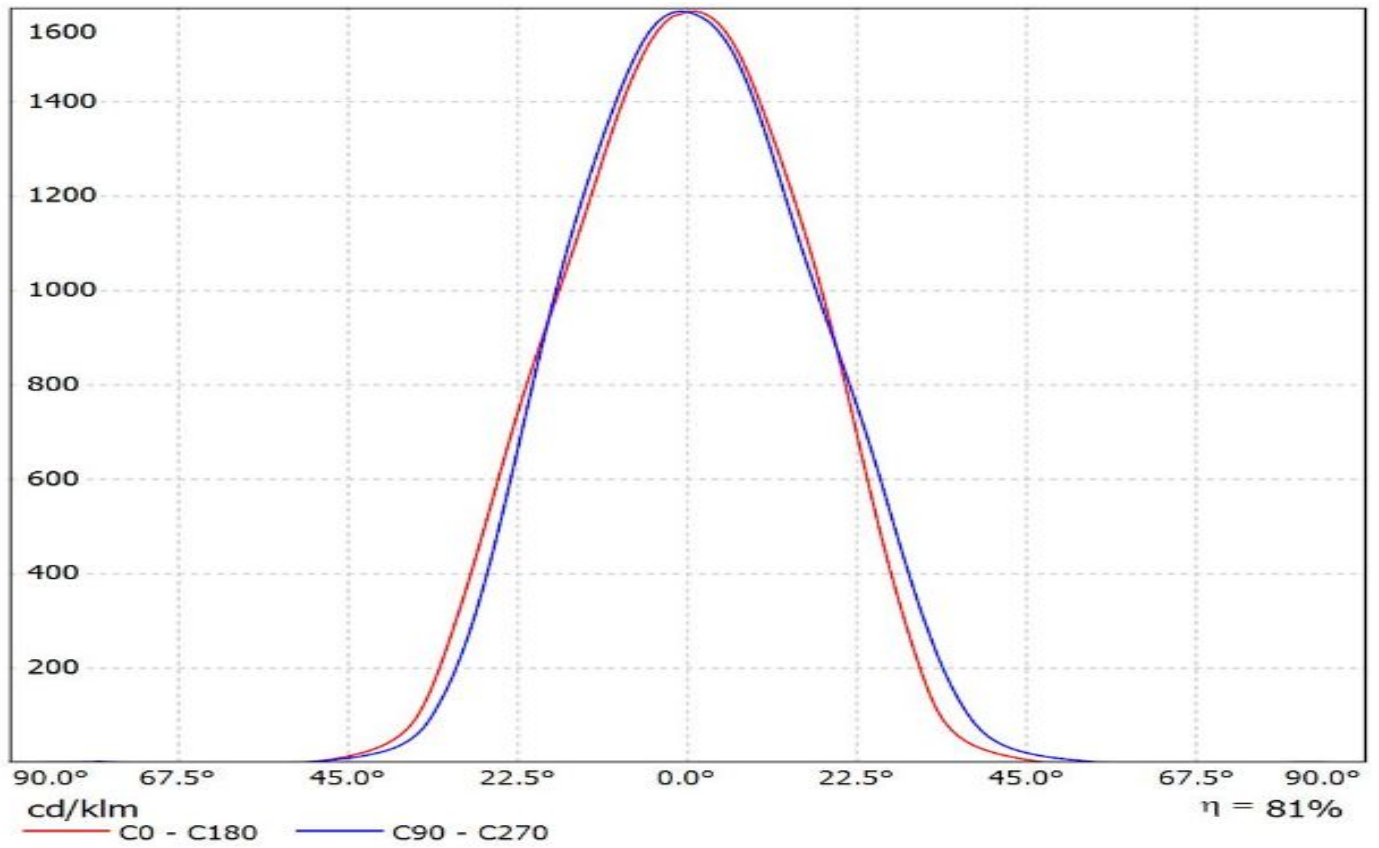
Luminaire: Ledil FC15003\_FLORENTINA-W\_(TL1L4)  
Lamps: 1 x Toshiba\_TL1L4\_1140.96lm@250mA\_P=8.3597W\_I=0.25A



## Ledil FC15003\_FLORENTINA-W\_(Rebel\_ES) / LDC (Linear)

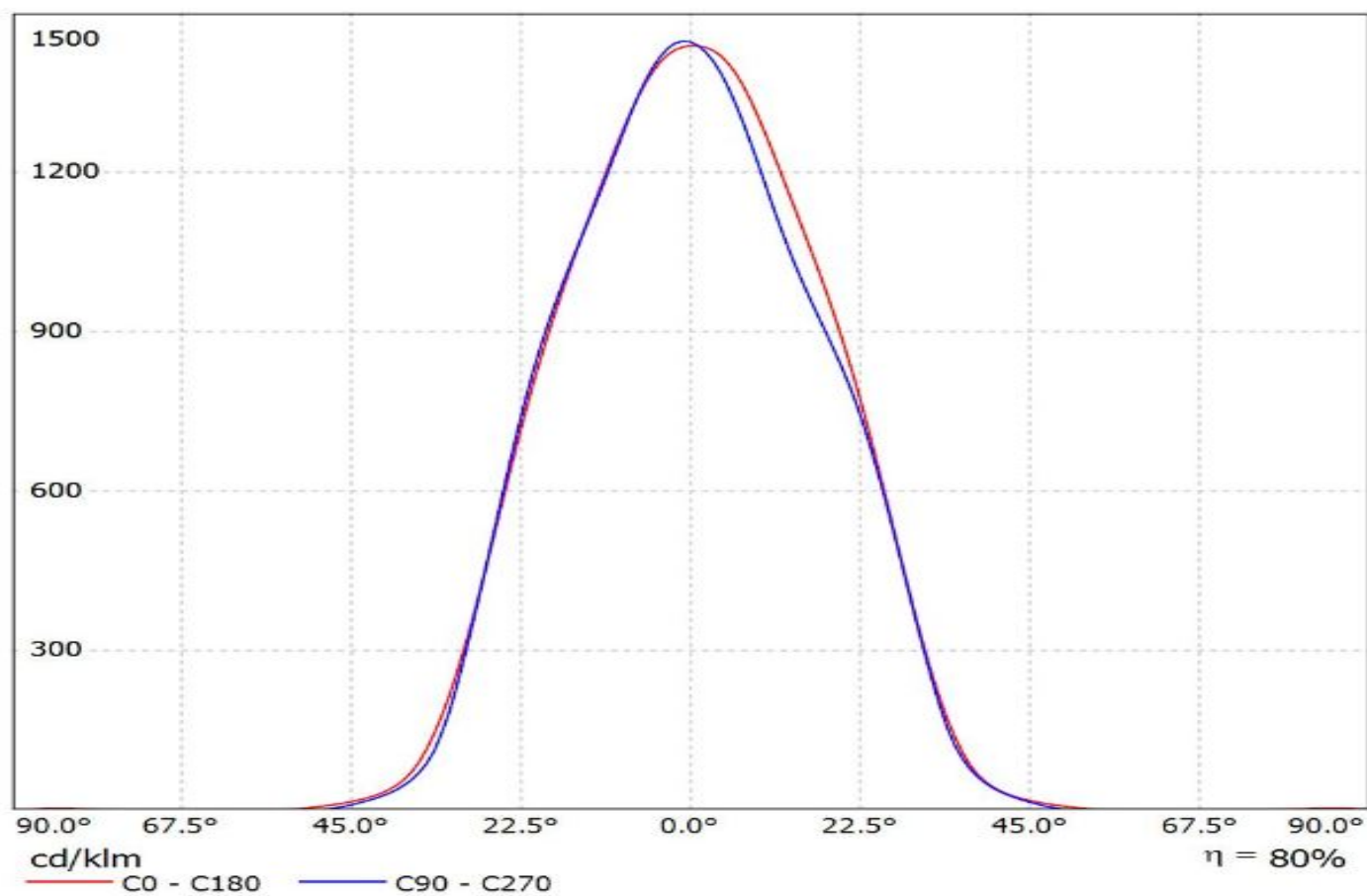
Luminaire: Ledil FC15003\_FLORENTINA-W\_(Rebel\_ES)

Lamps: 1 x Luxeon\_Rebel\_ES\_x12\_(LXML-PWC2)\_1133.87lm@250mA\_P=8.6613W\_I=0.25A

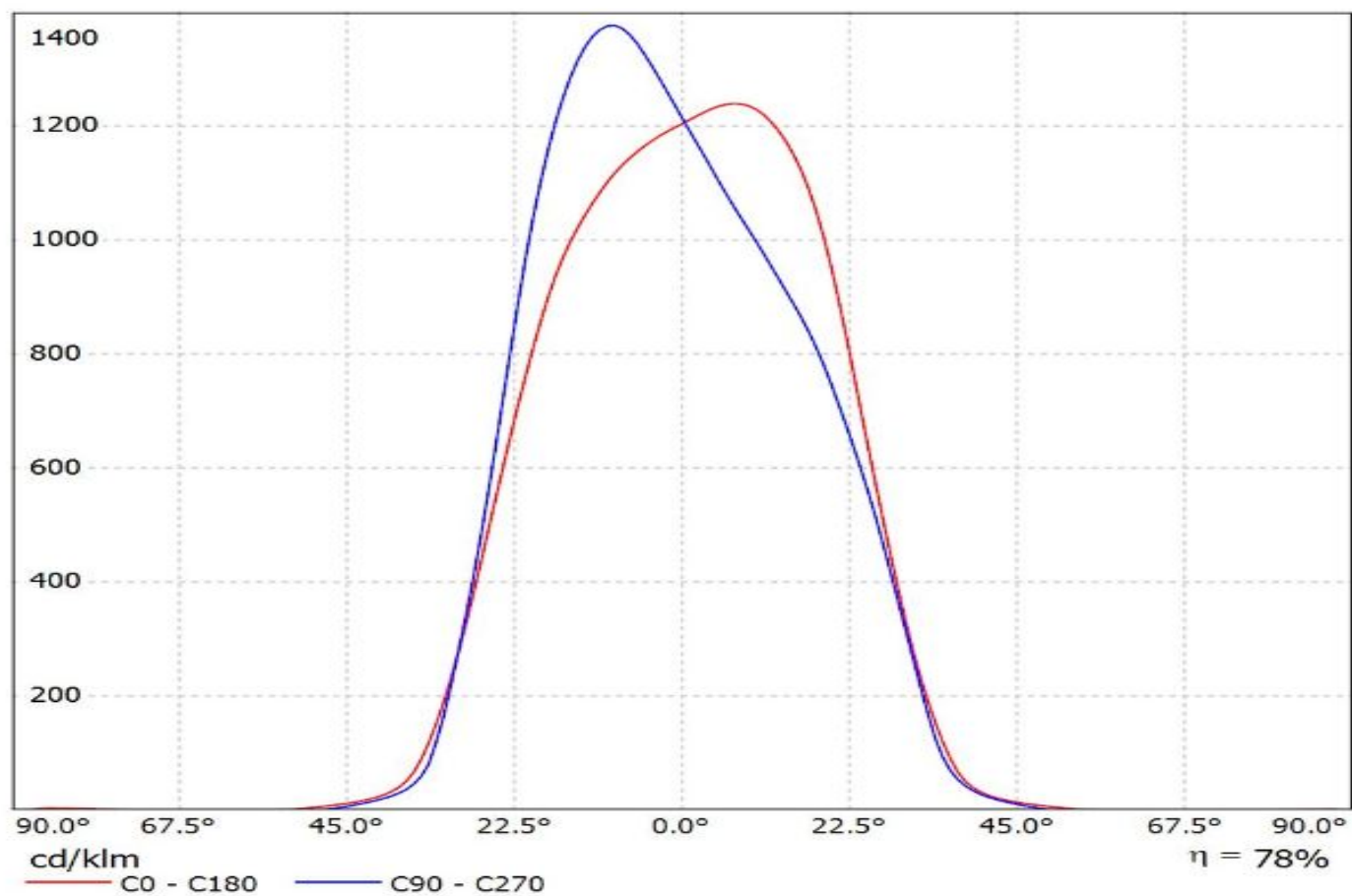


Luminaire: Ledil FC15003\_FLORENTINA-W\_(SQ-EC)

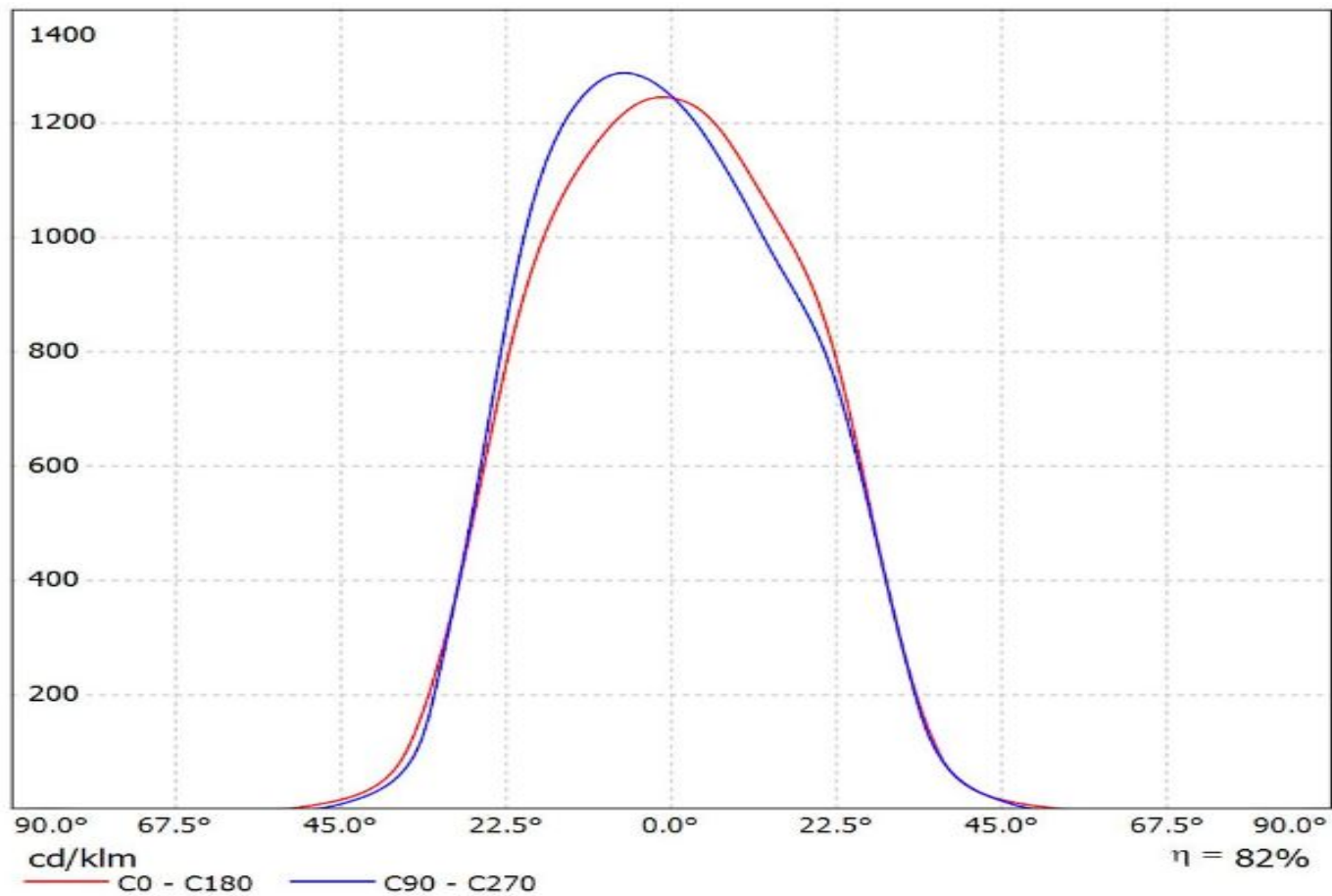
Lamps: 1 x OSLO<sub>N</sub>\_SQUARE-EC\_x12\_1046.45lm@250mA\_P=8.3193W\_I=0.25A



Luminaire: Ledil FC15003\_FLORENTINA-W\_(NVSL219B)  
Lamps: 1 x Nichia\_NVSL219B\_x12\_1040.35@250mA\_P=8.6165W\_I=0.25A

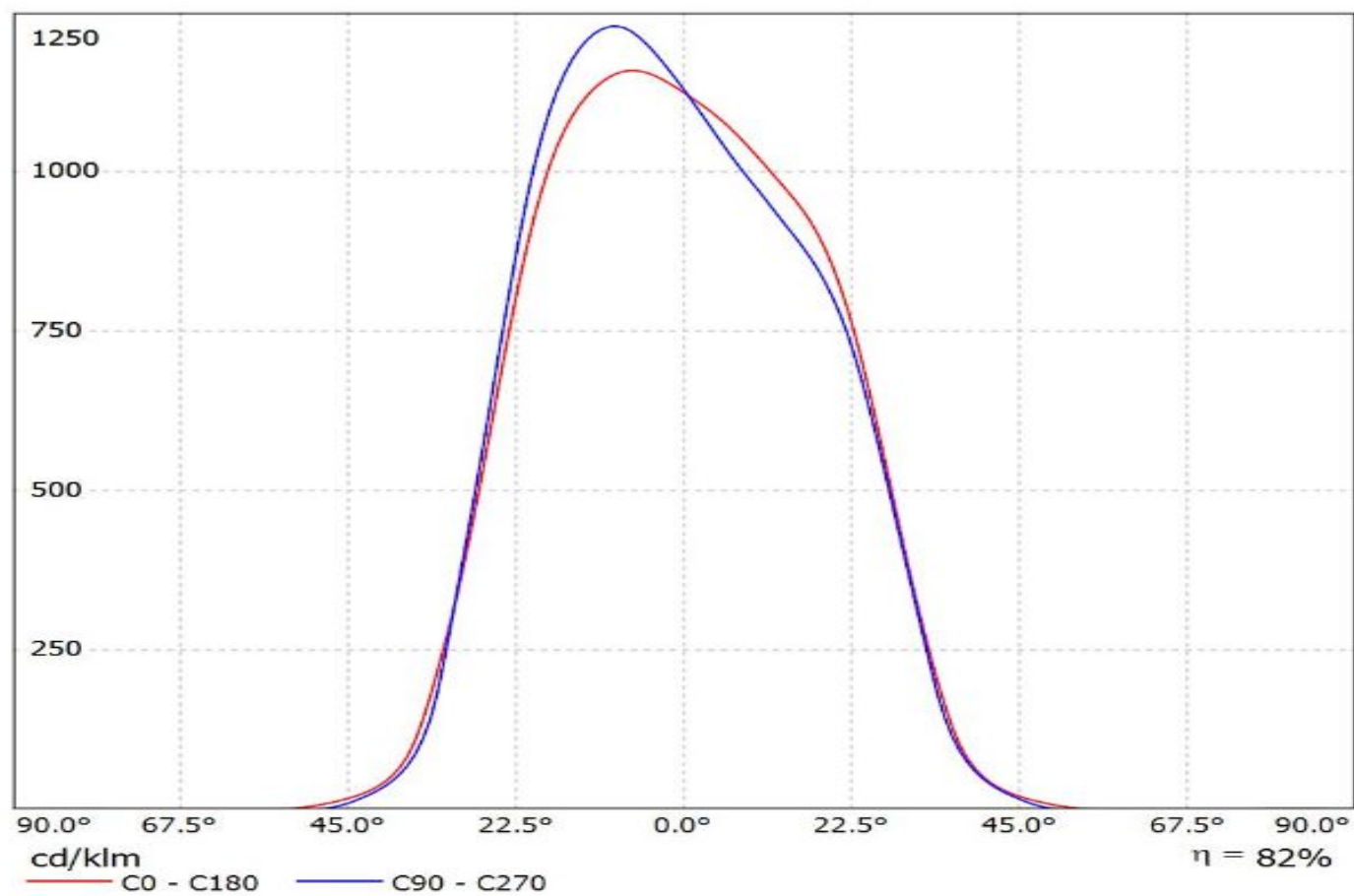


Luminaire: Ledil FC15003\_FLORENTINA-W\_(LG\_H35C1)  
Lamps: 1 x LG\_H35C1\_x12\_1386.4lm@250mA\_P=8.5608W\_I=0.25A



Luminaire: Ledil FC15003\_FLORENTINA-W\_(LH351B)

Lamps: 1 x Samsung\_LH351B\_x12\_1310.26@250mA\_P=8.4105W\_I=0.25A

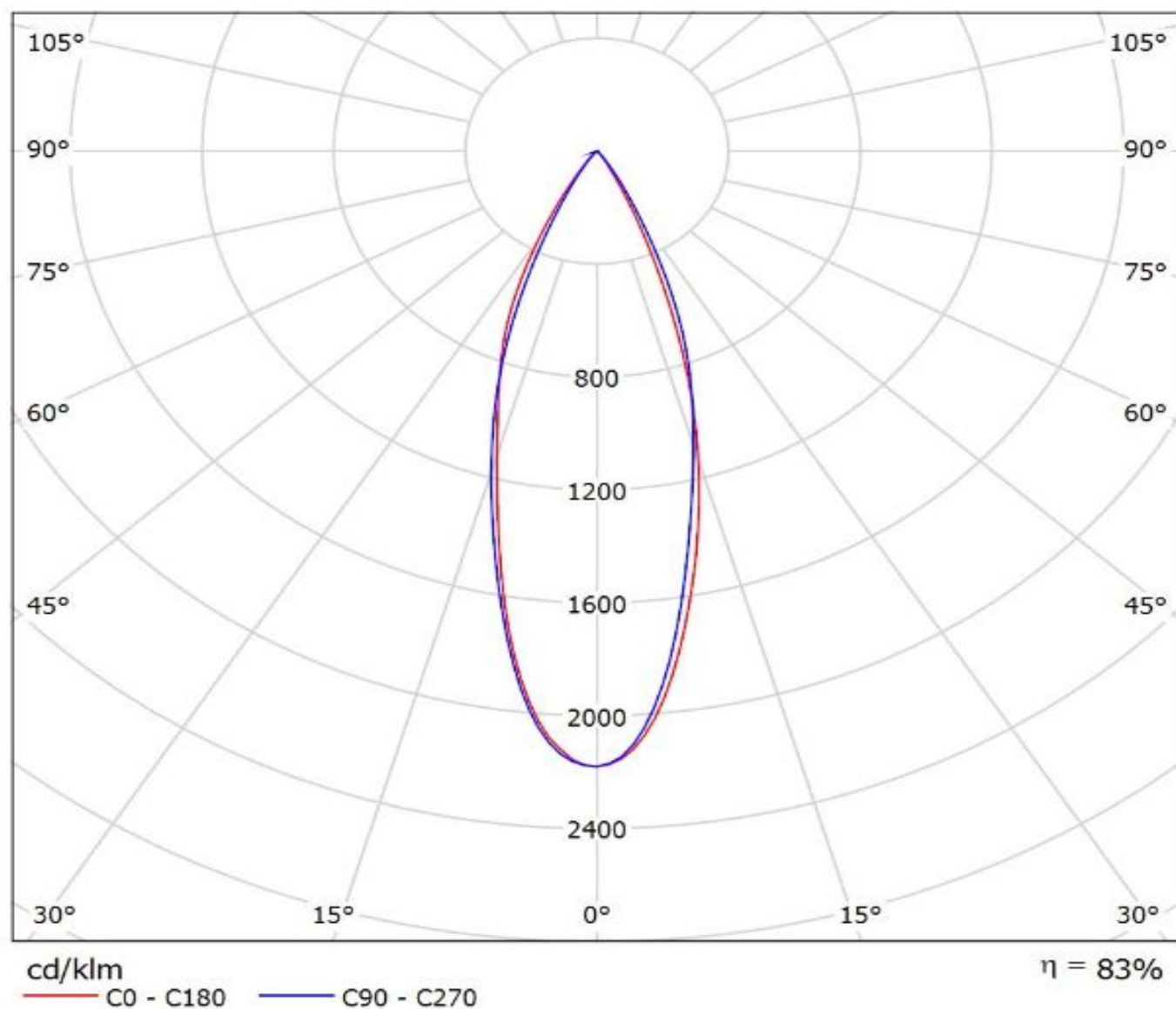


## Ledil FC15003\_FLORENTINA-W\_(Rebel\_Plus) / LDC (Polar)

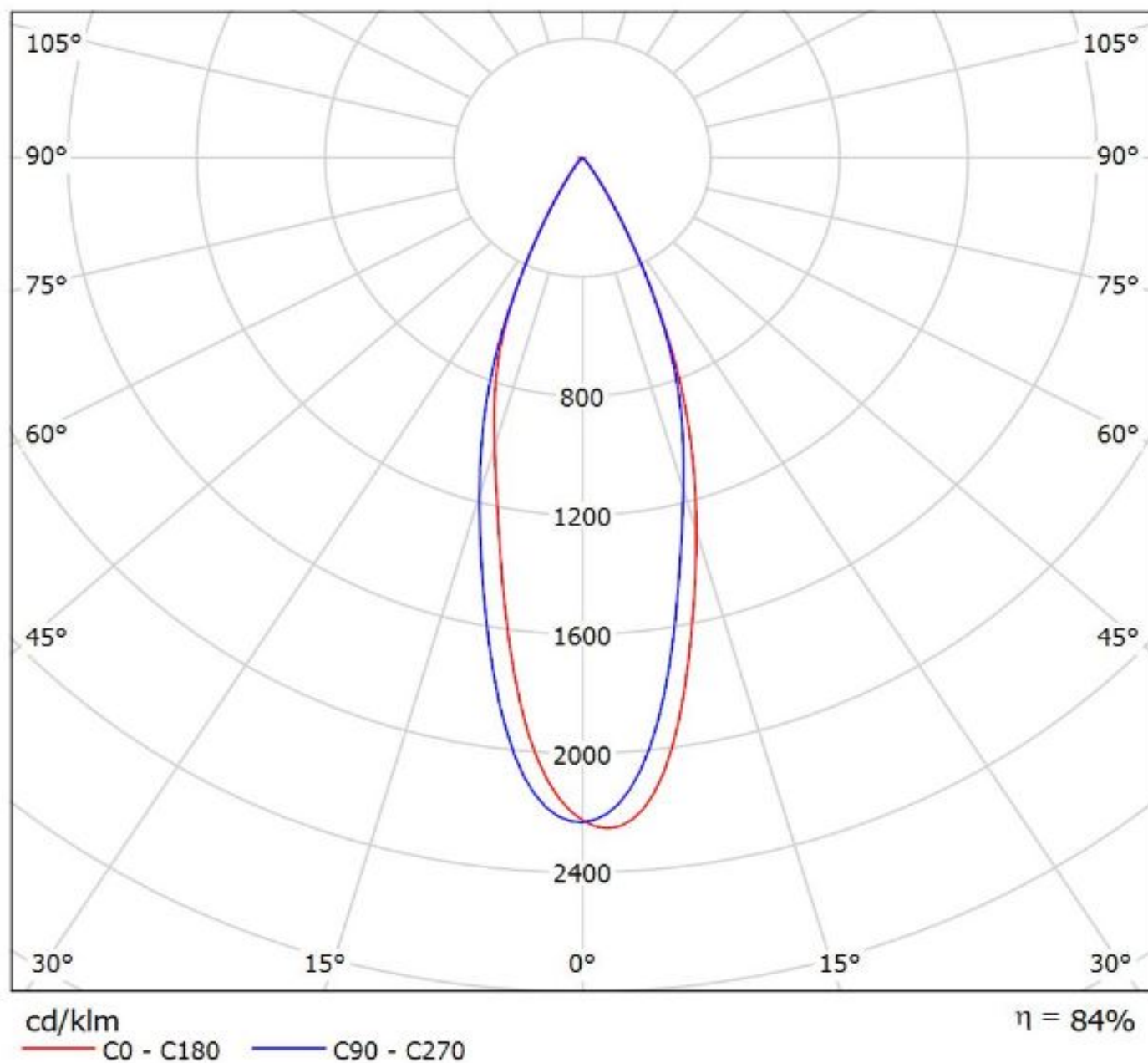
Luminaire: Ledil FC15003\_FLORENTINA-W\_(Rebel\_Plus)

Lamps: 1 x Luxeon\_Rebel\_Plus\_x12\_(LX18-P140-3)

\_1023.73lm@250mA\_CCT=4000K\_P=8.4525W\_I=0.25A

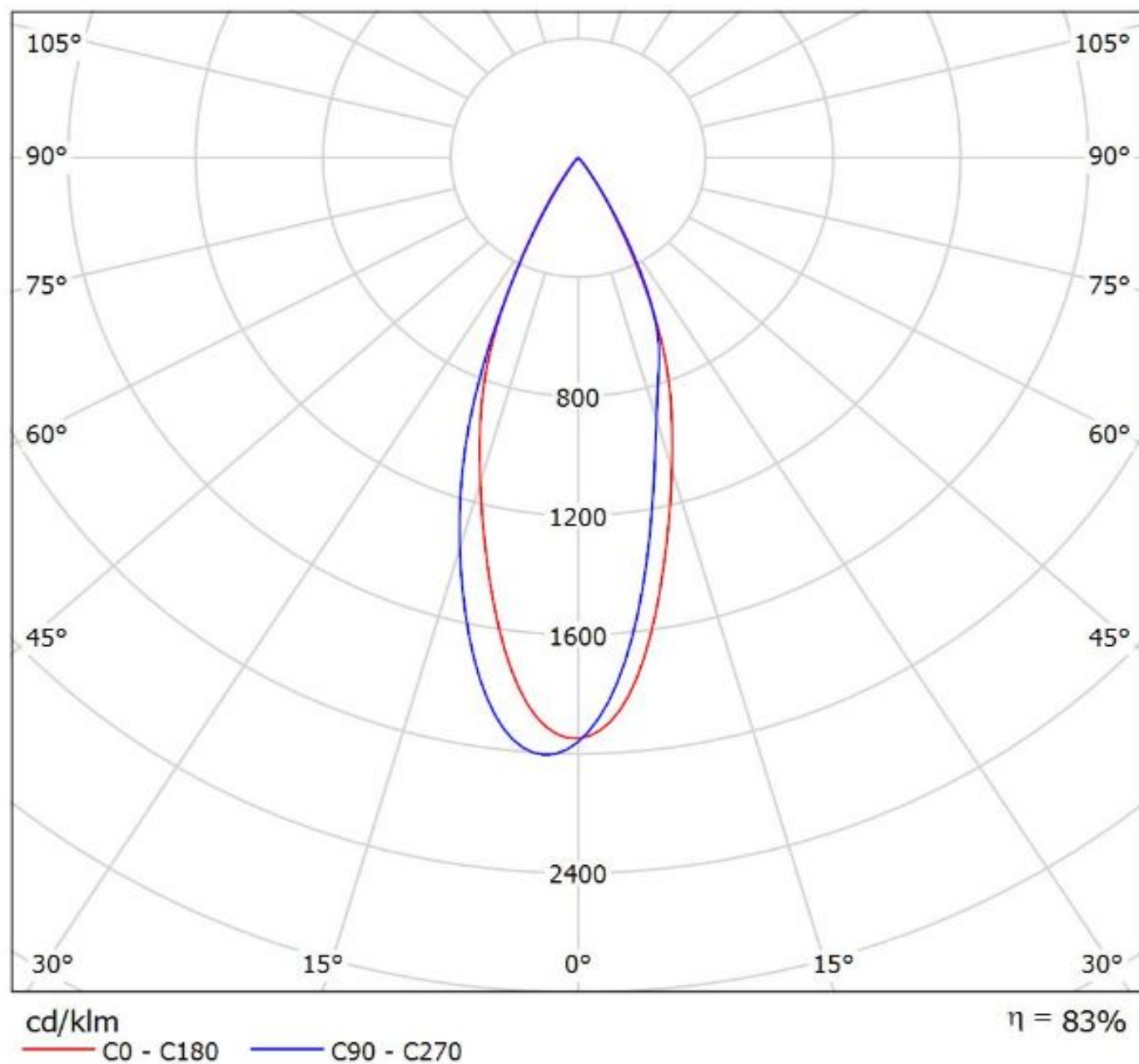


Luminaire: Ledil FC15003\_FLORENTINA-W\_(Luxeon\_Z-ES)  
Lamps: 1 x Luxeon\_Z-ES\_x12\_934.806@250mA\_P=8.3W\_I=0.25A



Luminaire: Ledil FC15003\_FLORENTINA-W\_(Oslon\_SSL\_80)

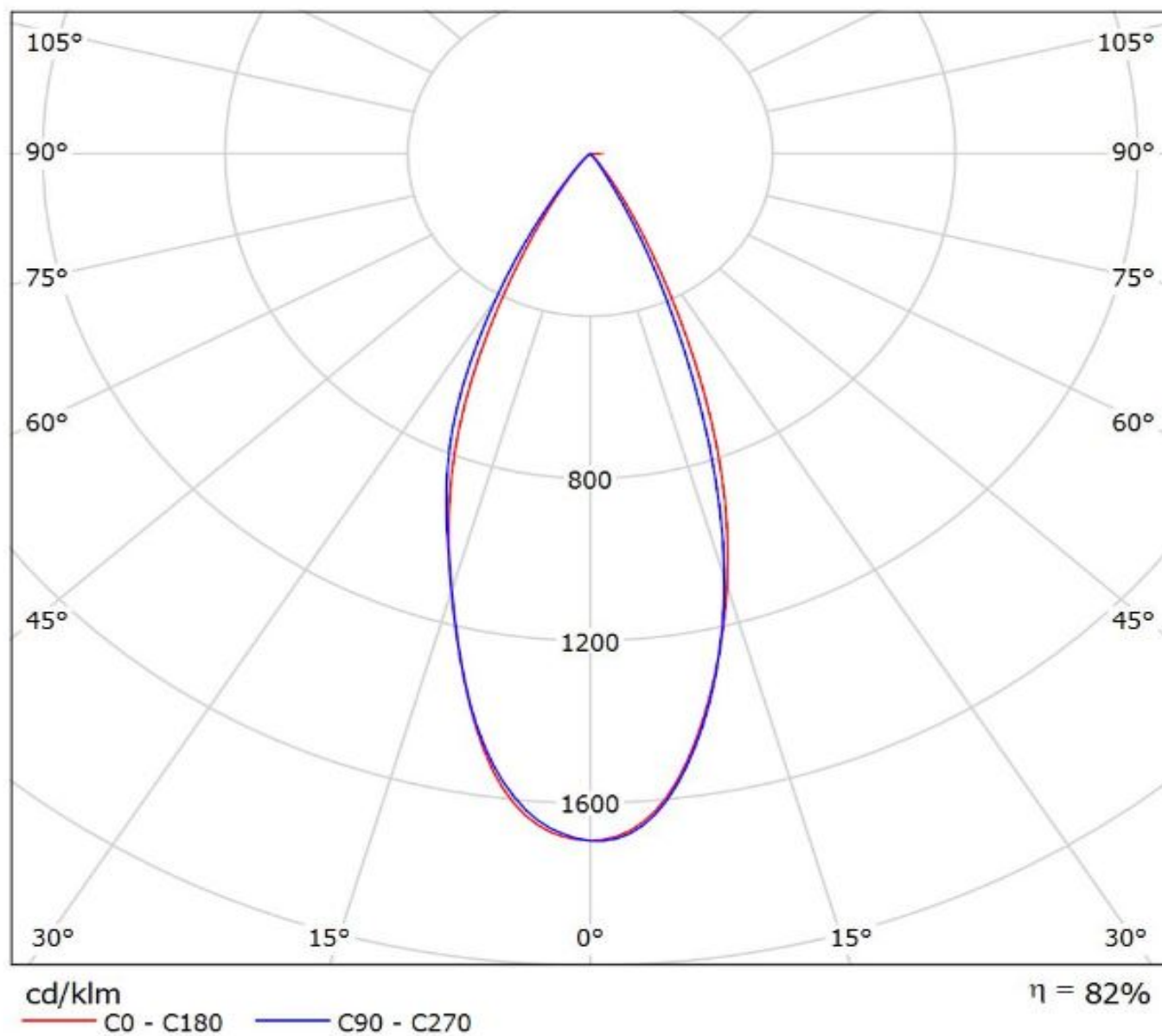
Lamps: 1 x Oslon\_SSL\_80\_828.64lm@250mA\_CCT=?K\_P=9.31W\_I=0.250A



## Ledil FC15003\_FLORENTINA-W\_(Luxeon\_TX) / LDC (Polar)

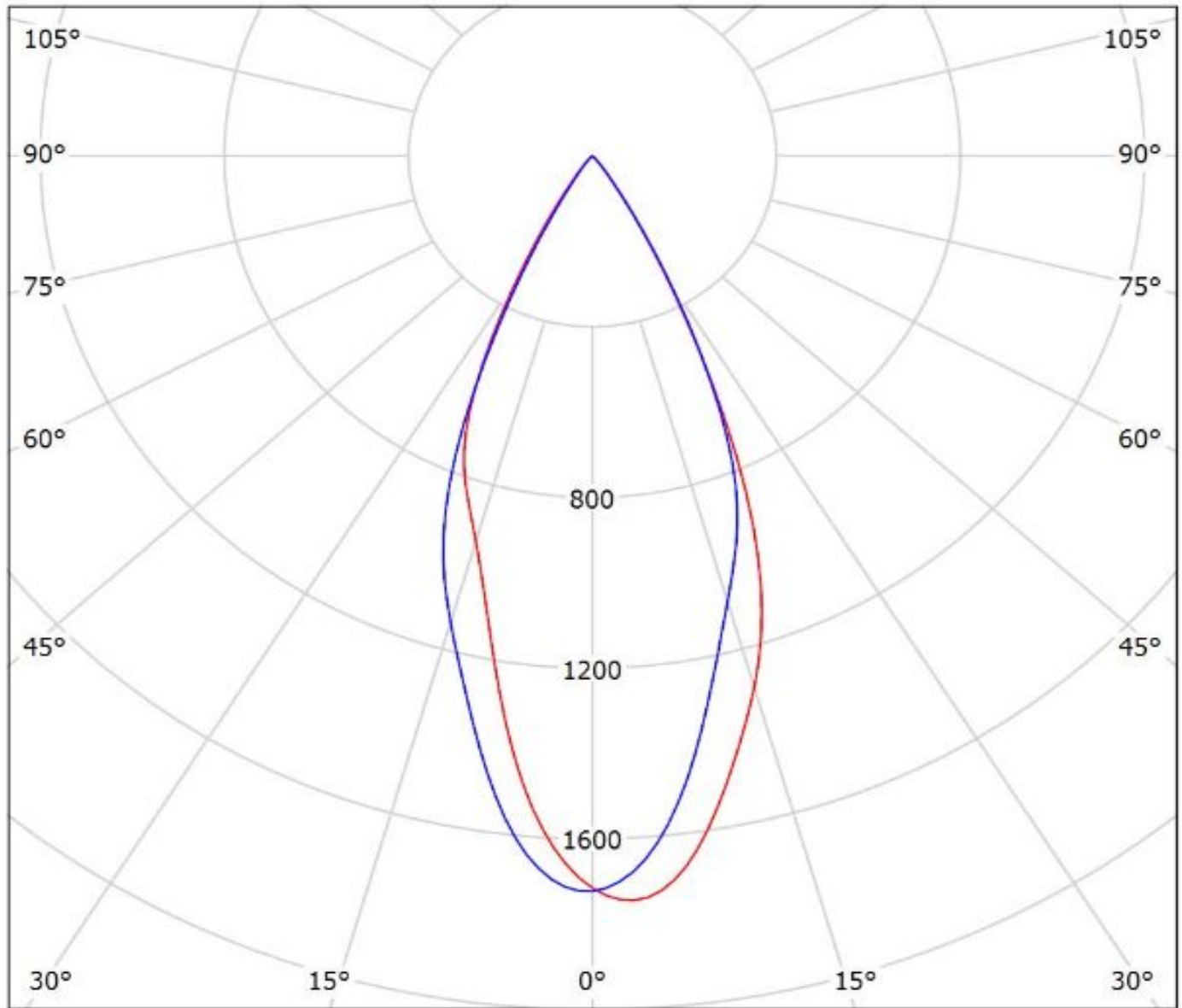
Luminaire: Ledil FC15003\_FLORENTINA-W\_(Luxeon\_TX)

Lamps: 1 x Luxeon\_TX\_x12\_(L1T2-5770)\_1350.11lm@250mA\_CCT=5700K\_P=8.3223W\_I=0.25A



Luminaire: Ledil FC15003\_FLORENTINA-W\_(XP-E2)

Lamps: 1 x XP-E2\_925.24lm@250mA\_CCT=3000K\_P=8.66W\_I=0.250A



cd/klm

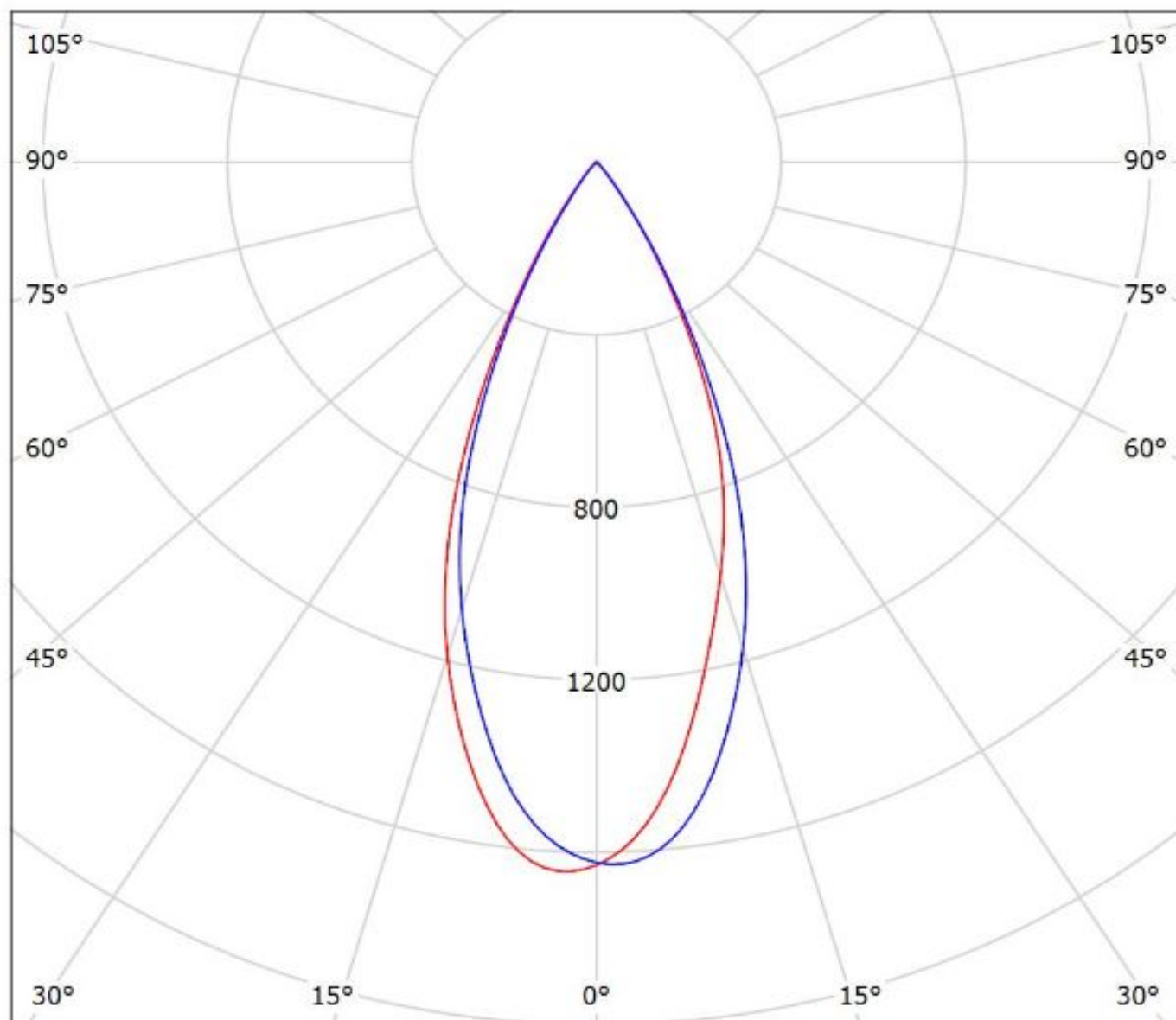
— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: Ledil FC15003\_FLORENTINA-W\_(TL1L4)

Lamps: 1 x Toshiba\_TL1L4\_1140.96lm@250mA\_P=8.3597W\_I=0.25A



cd/klm

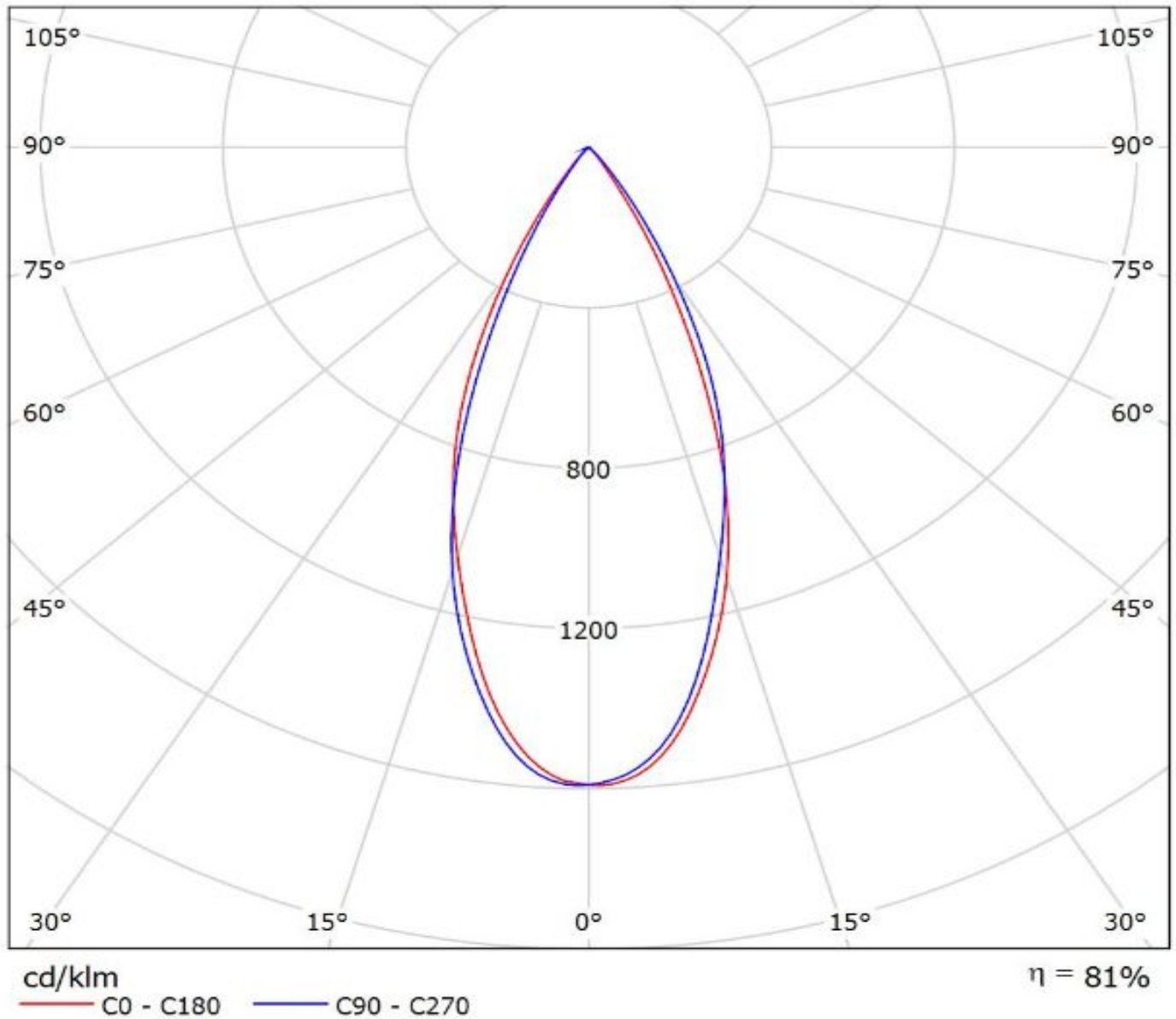
— C0 - C180 — C90 - C270

$\eta = 82\%$

## Ledil FC15003\_FLORENTINA-W\_(Rebel\_ES) / LDC (Polar)

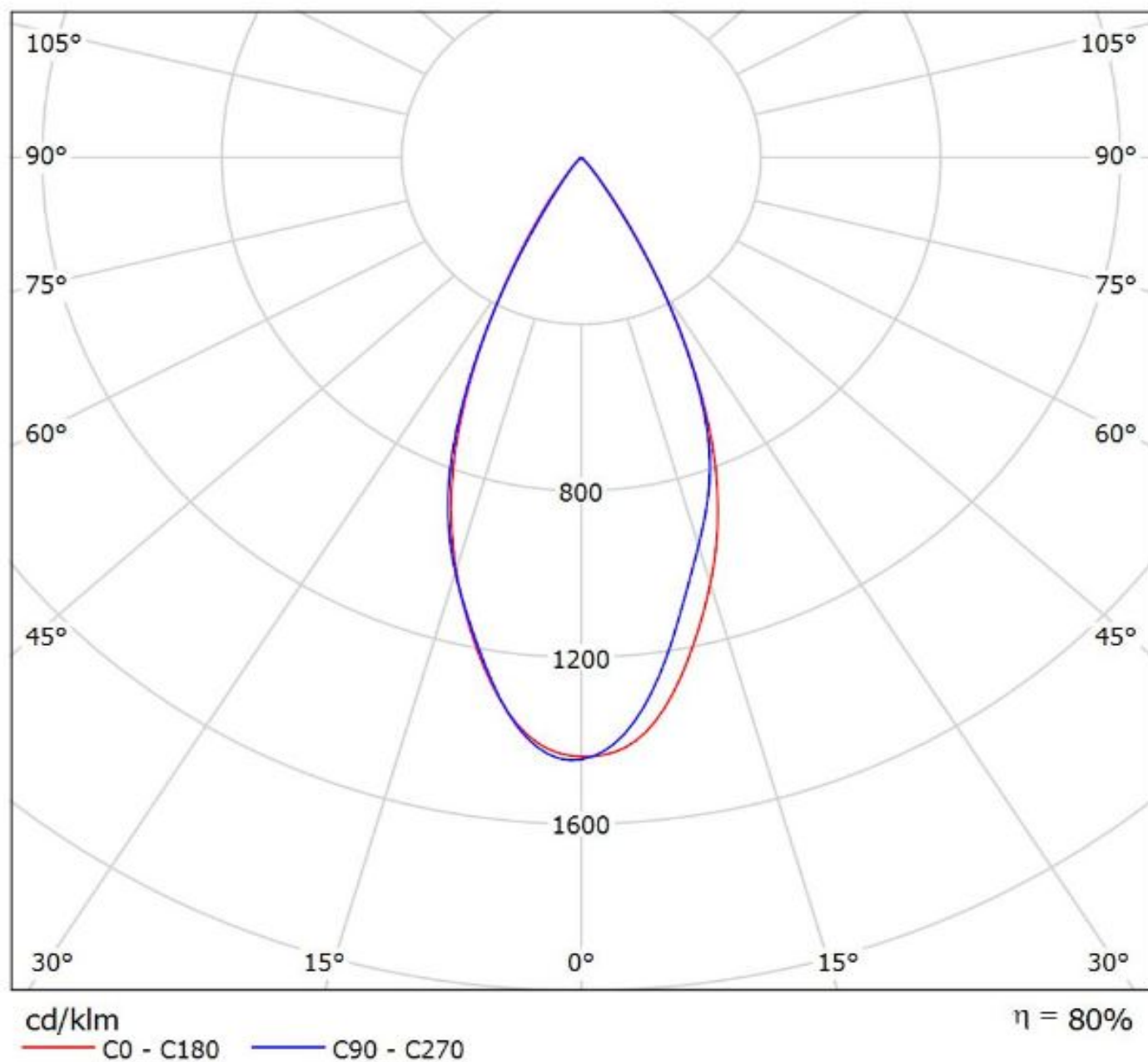
Luminaire: Ledil FC15003\_FLORENTINA-W\_(Rebel\_ES)

Lamps: 1 x Luxeon\_Rebel\_ES\_x12\_(LXML-PWC2)\_1133.87lm@250mA\_P=8.6613W\_I=0.25A

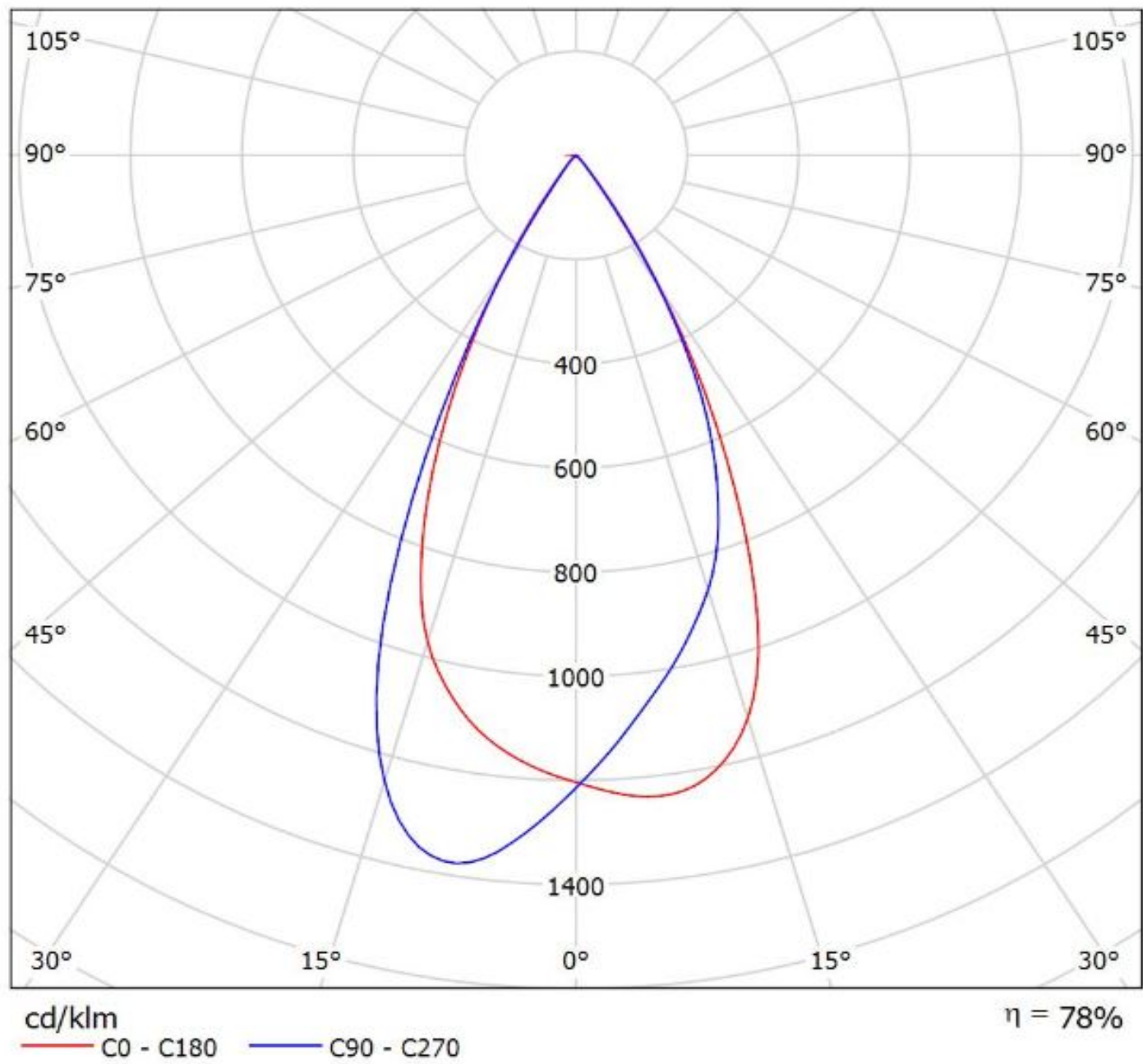


Luminaire: Ledil FC15003\_FLORENTINA-W\_(SQ-EC)

Lamps: 1 x OSLO<sub>N</sub>\_SQUA<sub>R</sub>E-EC\_x12\_1046.45lm@250mA\_P=8.3193W\_I=0.25A

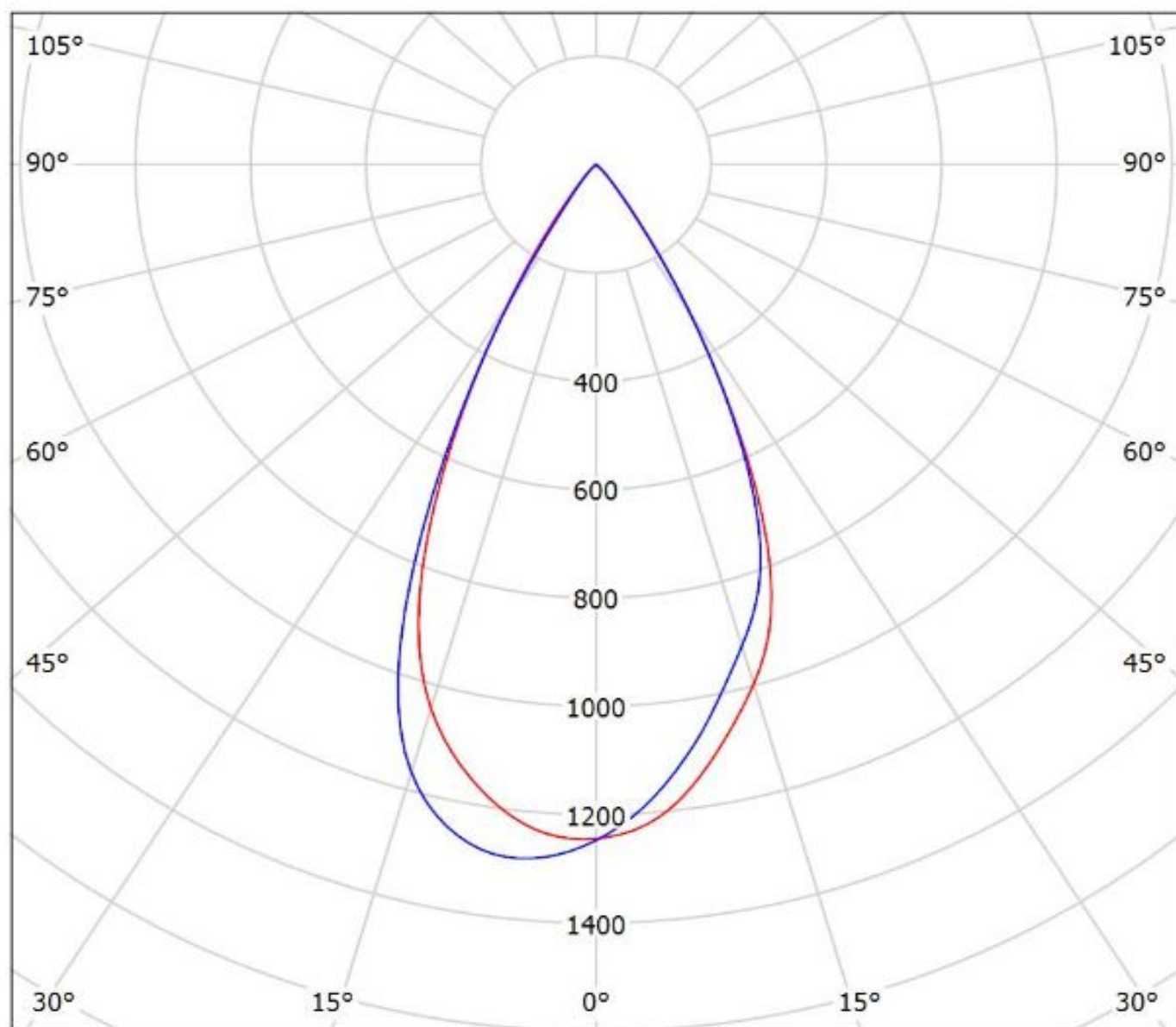


Luminaire: Ledil FC15003\_FLORENTINA-W\_(NVSL219B)  
Lamps: 1 x Nichia\_NVSL219B\_x12\_1040.35@250mA\_P=8.6165W\_I=0.25A



Luminaire: Ledil FC15003\_FLORENTINA-W\_(LG\_H35C1)

Lamps: 1 x LG\_H35C1\_x12\_1386.4lm@250mA\_P=8.5608W\_I=0.25A



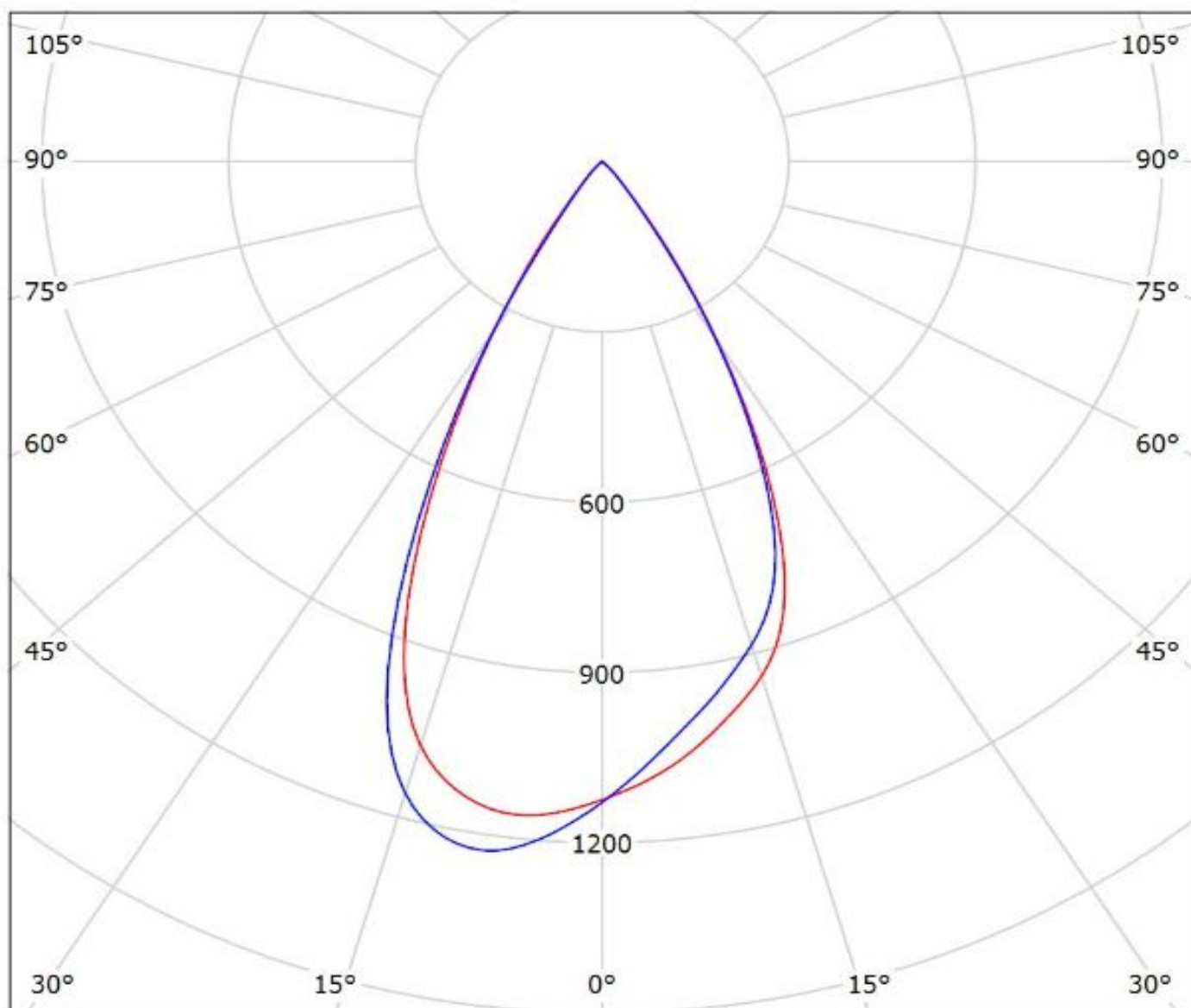
cd/klm

— C0 - C180 — C90 - C270

$\eta = 82\%$

Luminaire: Ledil FC15003\_FLORENTINA-W\_(LH351B)

Lamps: 1 x Samsung\_LH351B\_x12\_1310.26@250mA\_P=8.4105W\_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 82\%$

**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.**