

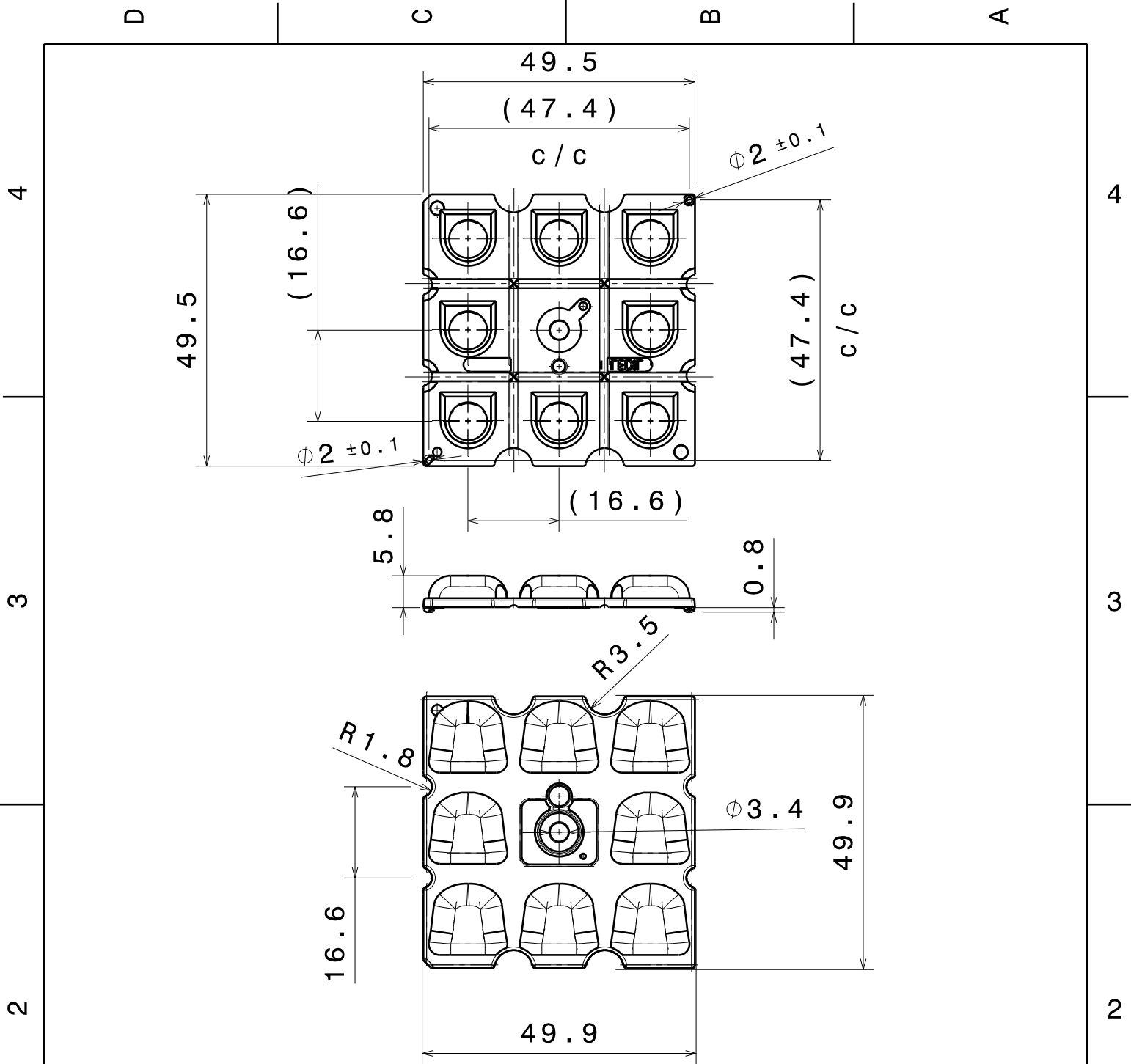
## DETAILS

|                        |                           |
|------------------------|---------------------------|
| <b>Product Number</b>  | C15960_STRADELLA-8-HV-T4B |
| <b>Family</b>          | Stradella                 |
| <b>Type</b>            | Lens array                |
| <b>Color</b>           | clear                     |
| <b>Diameter</b>        | 49,5+49,5 mm              |
| <b>Height</b>          | 5,8 mm                    |
| <b>Style</b>           | rectang                   |
| <b>Optic Material</b>  | PMMA                      |
| <b>Holder Material</b> |                           |
| <b>Fastening</b>       | pin, screw                |
| <b>Status</b>          | production ready          |
| <b>ROHS Compliant</b>  | Yes                       |
| <b>Date Updated</b>    | 7/04/2017                 |

## OPTICAL PROPERTIES

| LED               | Viewing         | Light      | Effi-     |            | Connector |
|-------------------|-----------------|------------|-----------|------------|-----------|
|                   | Angle           | Beam       | ciency    | cd/lm      |           |
| XP-G3             | sim: Asymmetric | Asymmetric | sim: 92 % | sim: 0.445 | -         |
| XD16              | Asymmetric deg  | Asymmetric | 93 %      | 0.670      | -         |
| LUXEON 3030 2D    | Asymmetric deg  | Asymmetric | 94 %      | 0.730      | -         |
| NVSxE21A          | sim: Asymmetric | Asymmetric | sim: 93 % | sim: 0.570 | -         |
| NVSW219D          | Asymmetric deg  | Asymmetric | 94 %      | 0.500      | -         |
| Oslon Square Gen3 | sim: Asymmetric | Asymmetric | sim: 93 % | sim: 0.523 | -         |
| LH181A            | sim: Asymmetric | Asymmetric | sim: 94 % | sim: 0.500 | -         |
| LH181B            | sim: Asymmetric | Asymmetric | sim: 94 % | sim: 0.530 | -         |



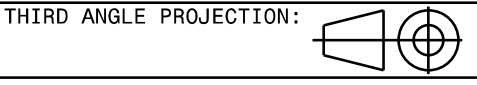


| INDEX | PART NO | DESCRIPTION                           | MATERIAL | COLOUR |
|-------|---------|---------------------------------------|----------|--------|
| 1     | C15960  | STRADELLA-8-HV-T4B_Mechanical_drawing | PMMA     |        |

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class FJ, otherwise see class MC.  
According to DIN ISO 2768-2  
Form and position: class K  
Control for SPC marked dimensions.

LEDiL

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland



DRAWING TITLE  
C15960\_STRADELLA-8-HV-T4B\_Mechanical\_drawing

This drawing is the property  
of LEDiL Oy. It may not be  
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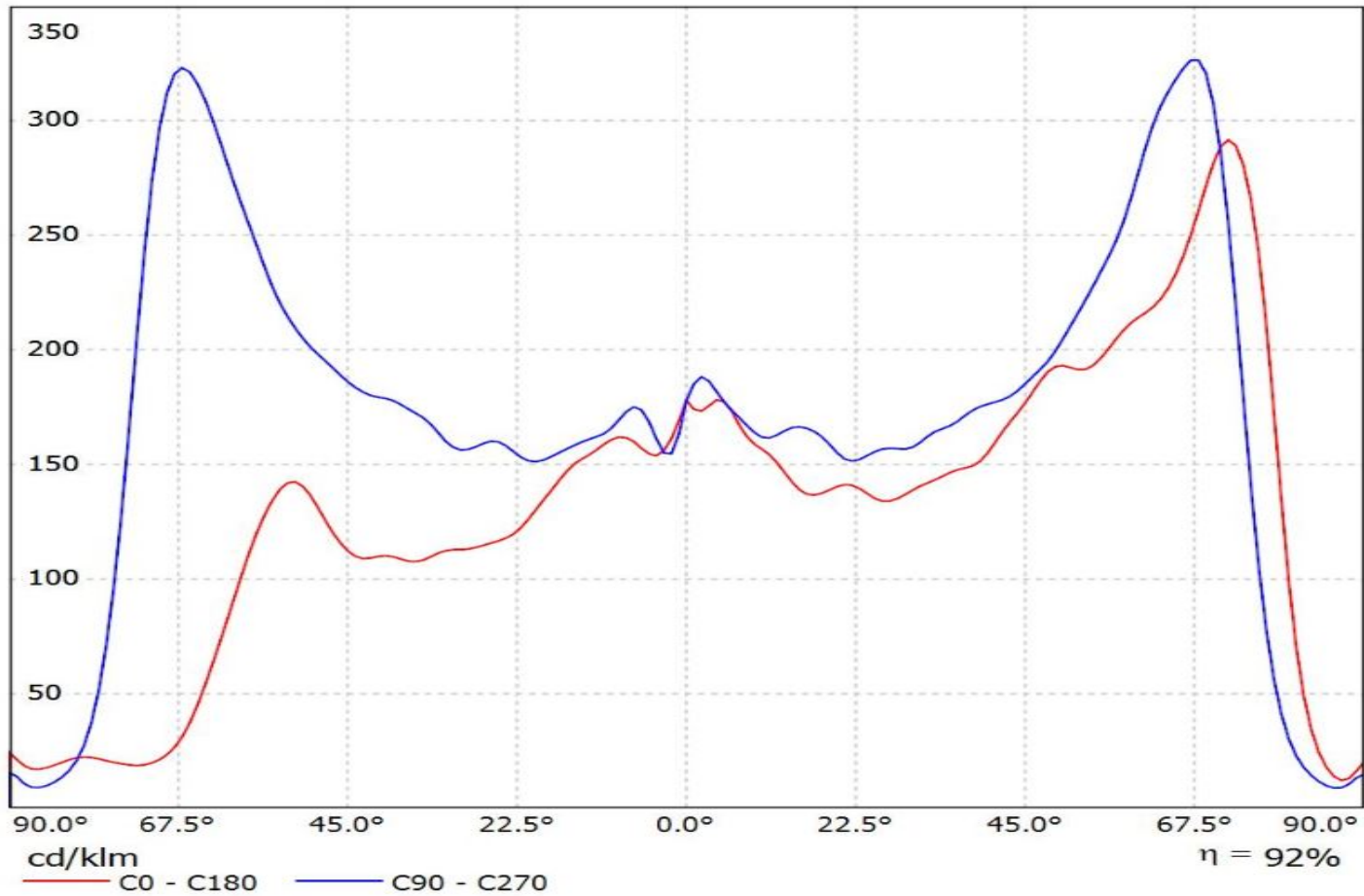
| SIZE | PART NUMBER |
|------|-------------|
| A4   | C15960      |

|       |     |        |       |       |       |
|-------|-----|--------|-------|-------|-------|
| SCALE | 1:1 | WEIGHT | 7.6 g | SHEET | 1 / 1 |
|-------|-----|--------|-------|-------|-------|

D

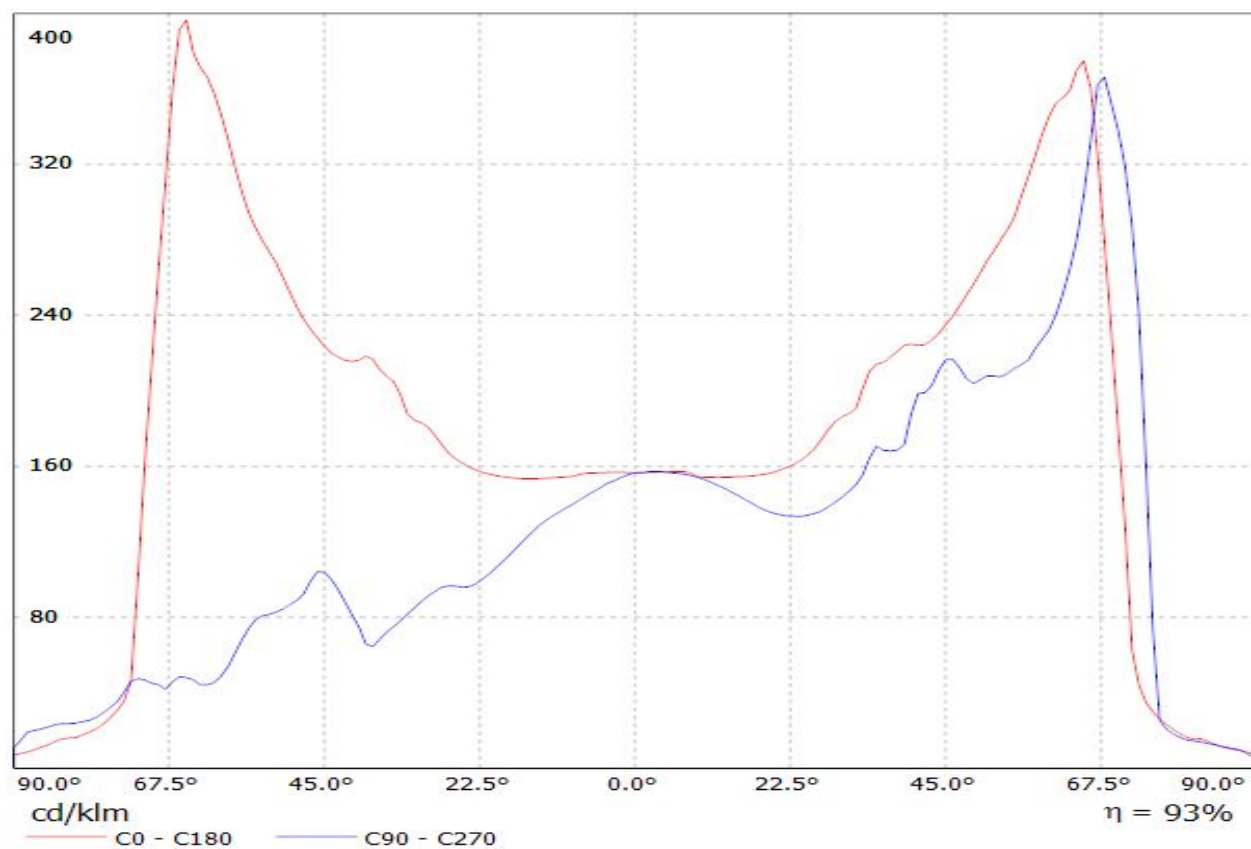
A

Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B C15960\_STRADELLA-8-HV-T4B  
Lamps: 1 x CREE XPG3 - 1.00 W

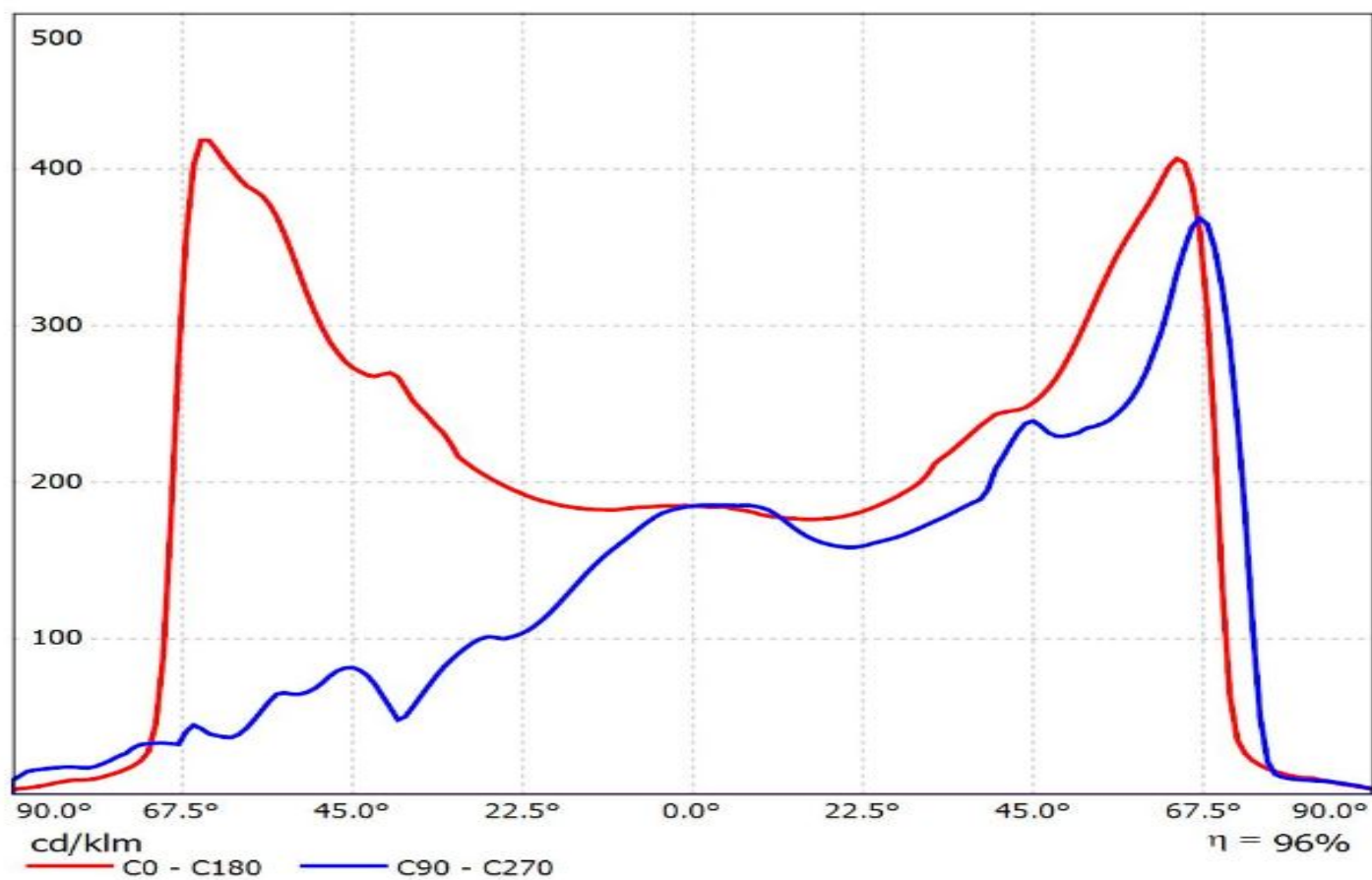


Luminaire: Ledil C15960\_STRADELLA-8-HV-T4B\_(XD16)

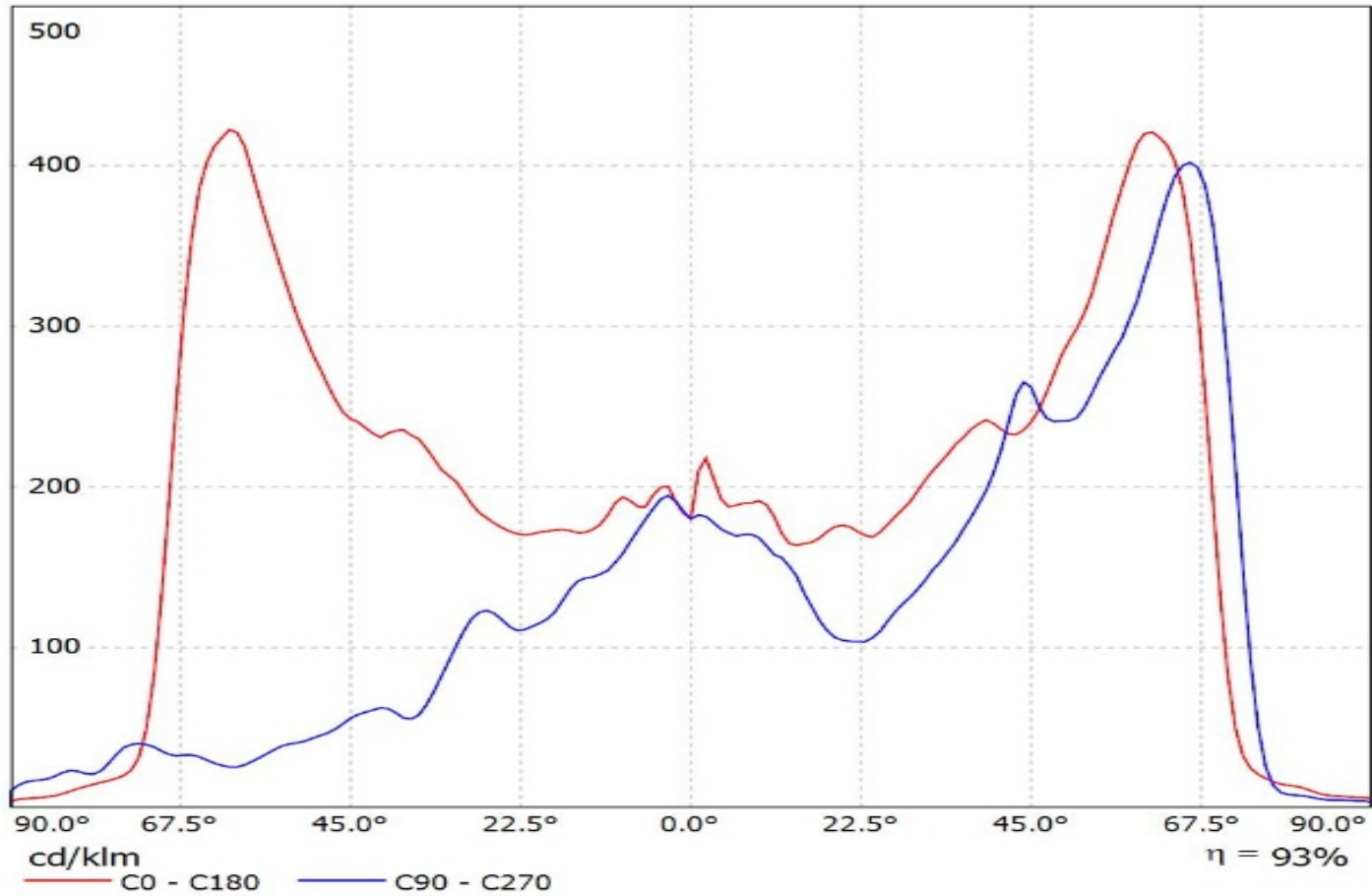
Lamps: 1 x Cree\_XD16\_(XD16AWT-H-2B0-S20-0B-002)\_903.058lm@250mA\_CCT=5700K\_P5.51704=W\_I=0.250A



Luminaire: LEDiL Oy C15960\_STRADELLA-8-HV-T4B\_(Luxeon\_3030\_2D)  
Lamps: 1 x Luxeon\_3030\_2D\_x8\_(LI30-2780)\_335.042lm@60mA\_P=2.7141W\_I=0.06A

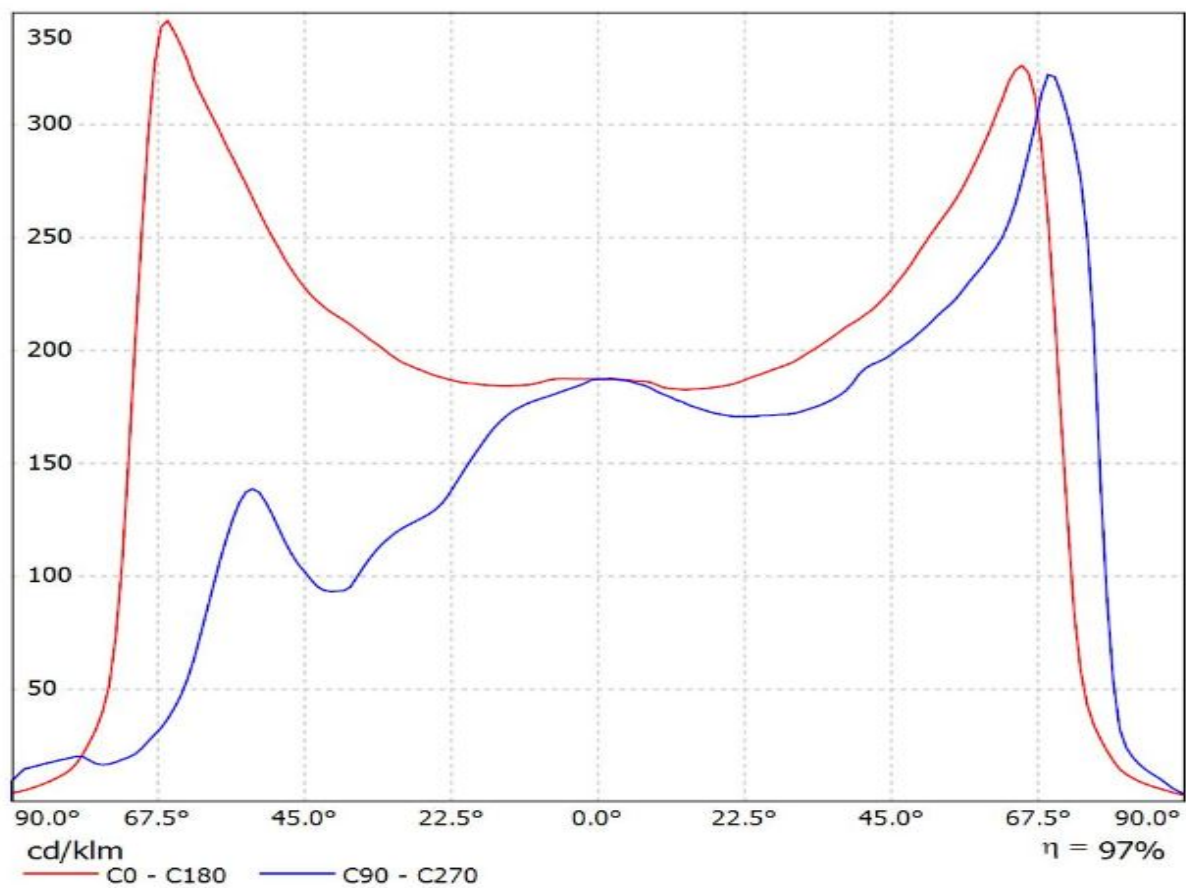


Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B\_(NVSLE21A)\_SIMULATED  
Lamps: 1 x Nichia NVSLE21A



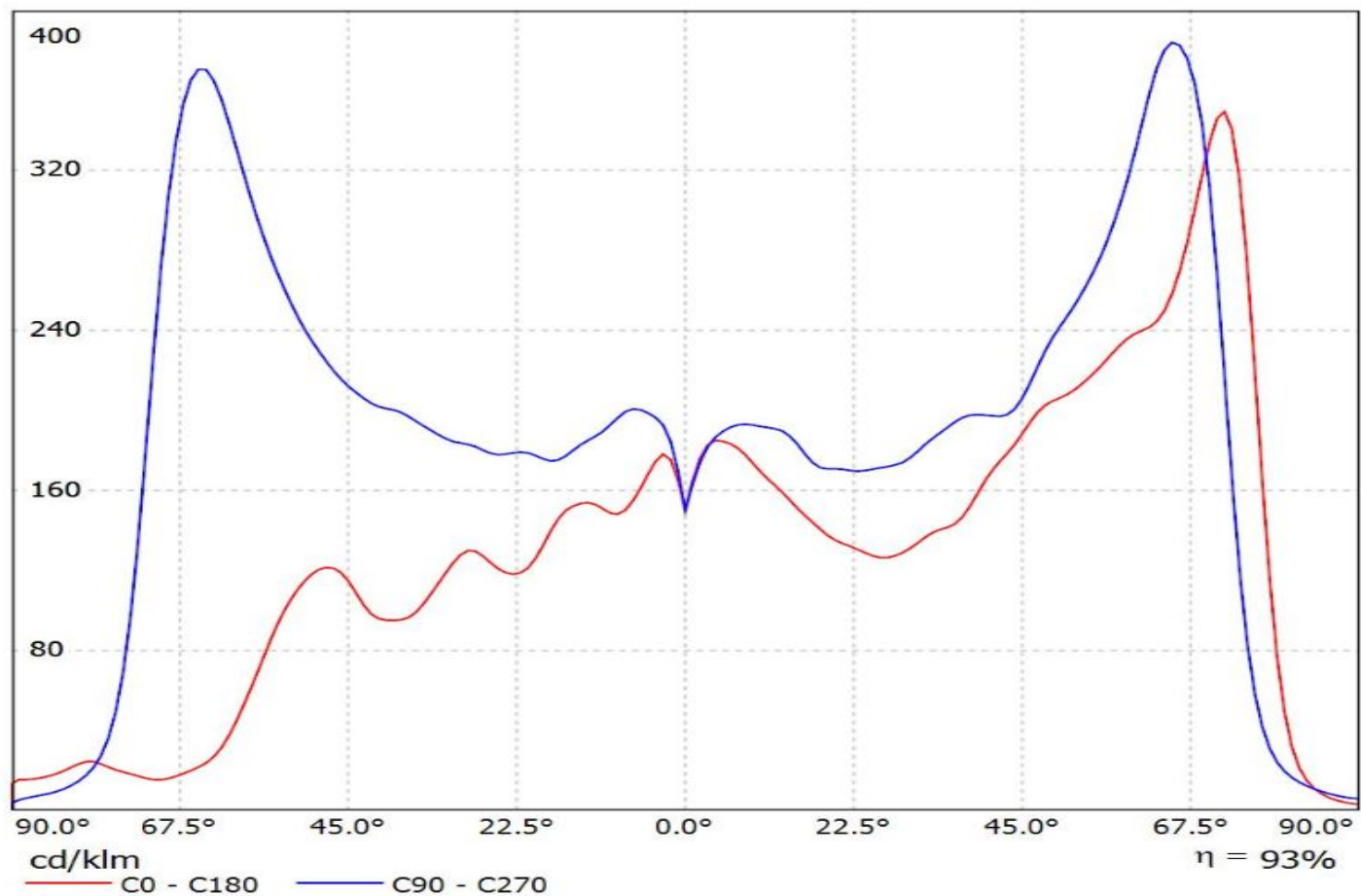
Luminaire: Ledil C15960\_STRADELLA-8-HV-T4B\_(NVSW219D)

Lamps: 1 x NICHIA\_NVSW219D\_Stradella-8\_(sm403D320R70)\_972.863lm@250mA\_CCT=4000K\_P=5.58452W\_U=22.347V



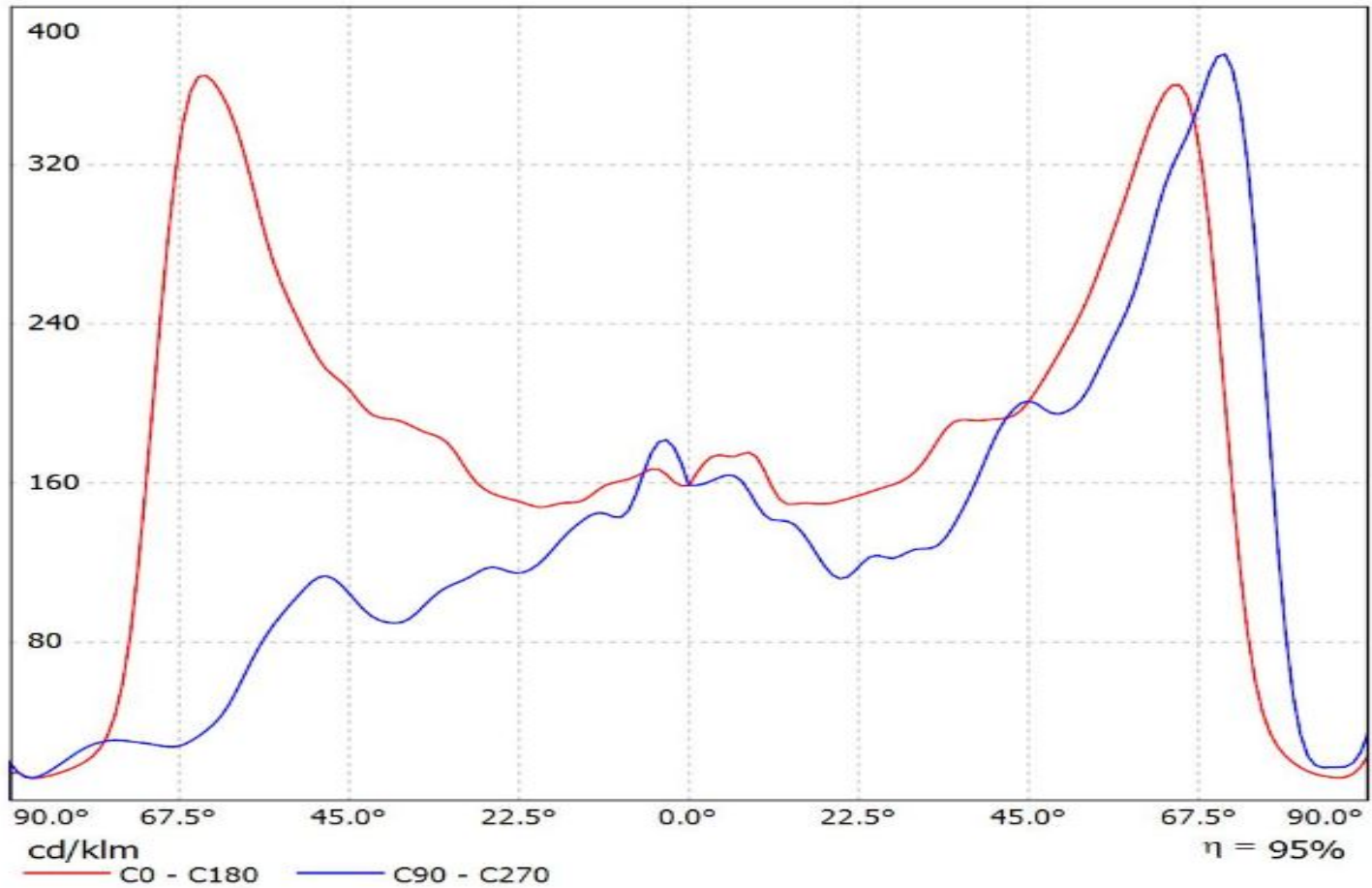


Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B C15960\_STRADELLA-8-HV-T4B  
Lamps: 1 x Osram\_Oslon Square Gen3\_0521

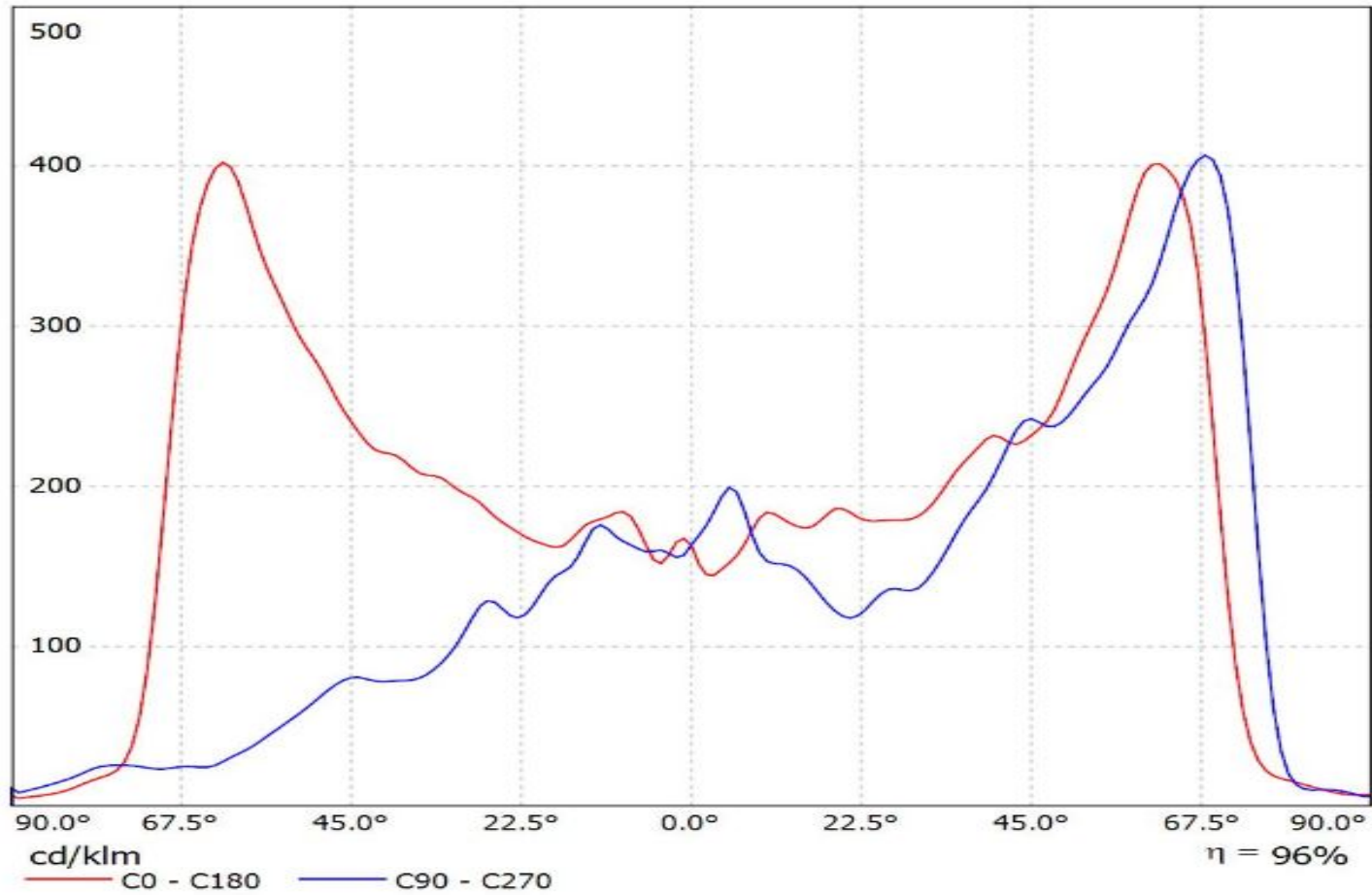




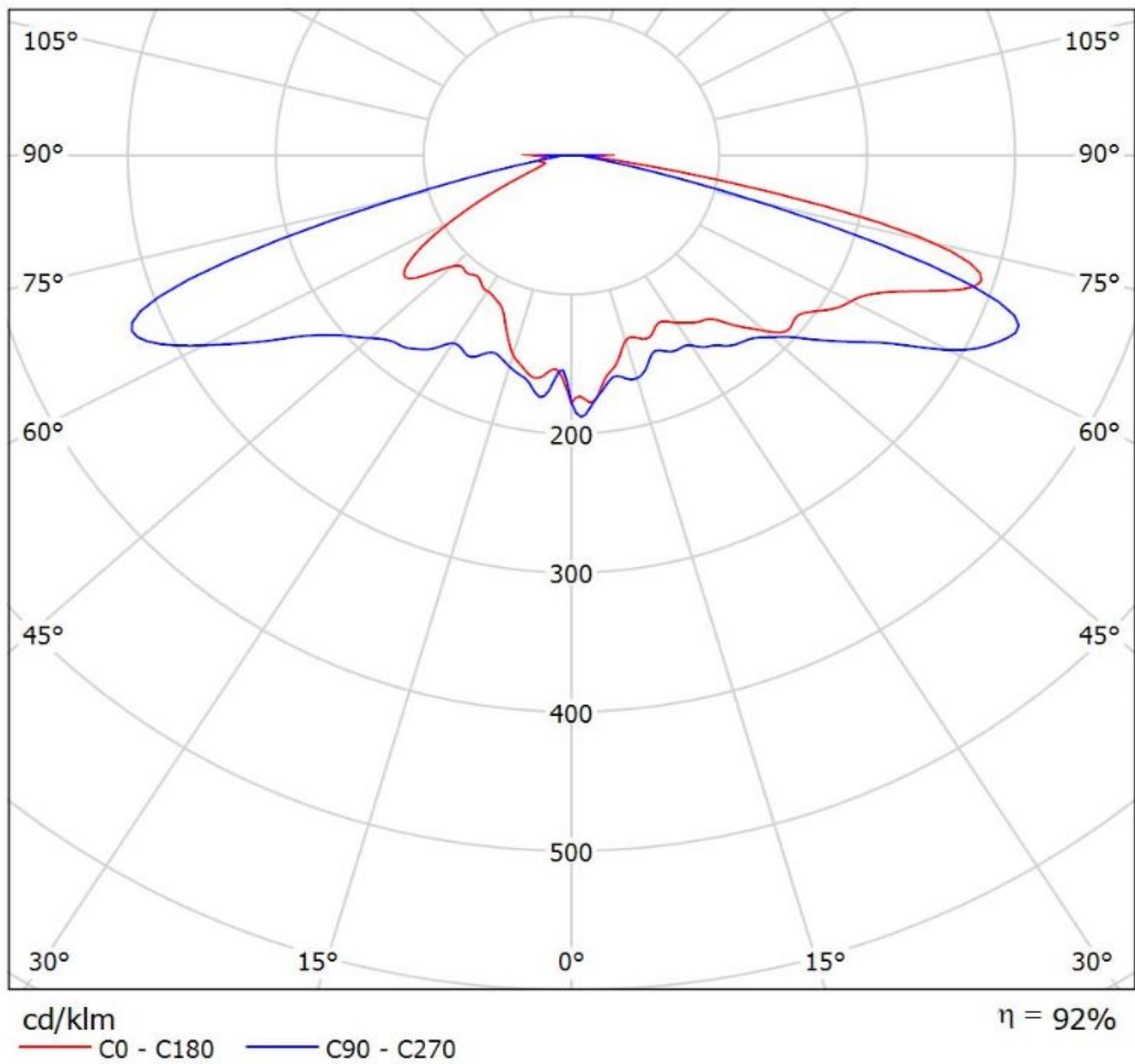
Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B\_(LH181A)\_SIMULATED  
Lamps: 1 x Samsung LH181A



Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B\_(LH181B)\_SIMULATED  
Lamps: 1 x Samsung LH181B

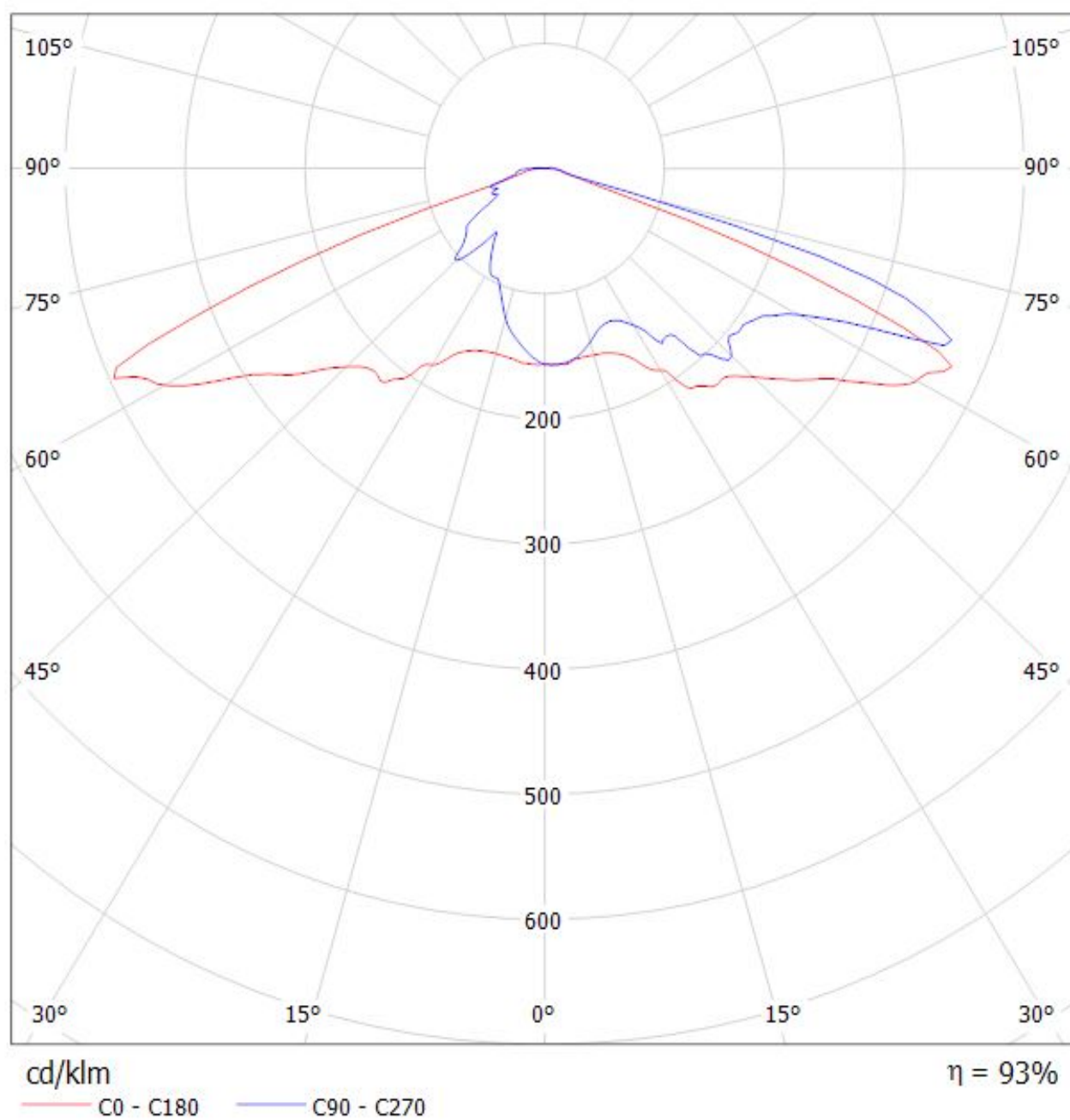


Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B C15960\_STRADELLA-8-HV-T4B  
Lamps: 1 x CREE XPG3 - 1.00 W

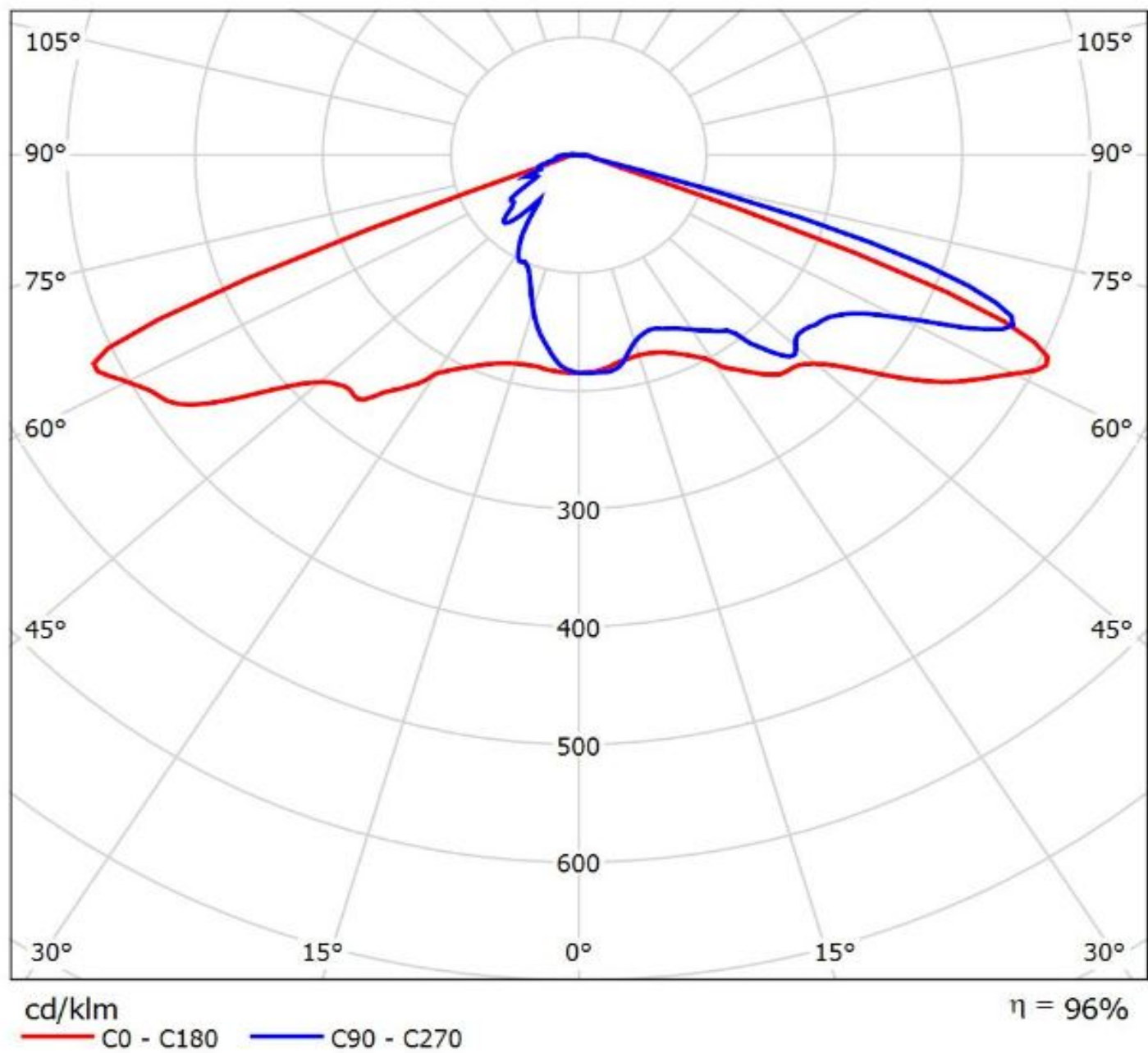


Luminaire: Ledil C15960\_STRADELLA-8-HV-T4B\_(XD16)

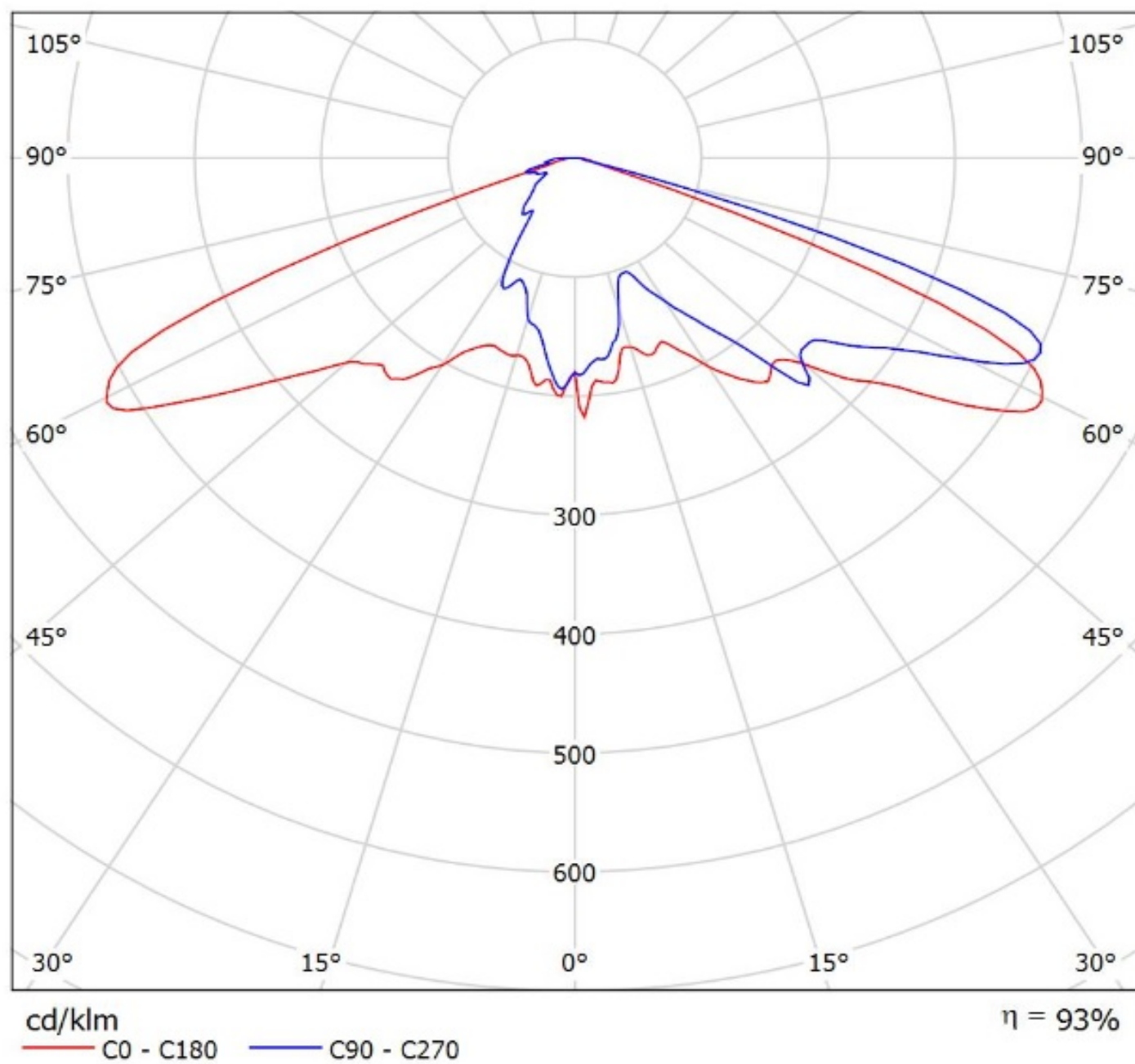
Lamps: 1 x Cree\_XD16\_(XD16AWT-H-2B0-S20-0B-002)\_903.058lm@250mA\_CCT=5700K\_P5.51704=W\_I=0.250A



Luminaire: LEDiL Oy C15960\_STRADELLA-8-HV-T4B\_(Luxeon\_3030\_2D)  
Lamps: 1 x Luxeon\_3030\_2D\_x8\_(LI30-2780)\_335.042lm@60mA\_P=2.7141W\_I=0.06A



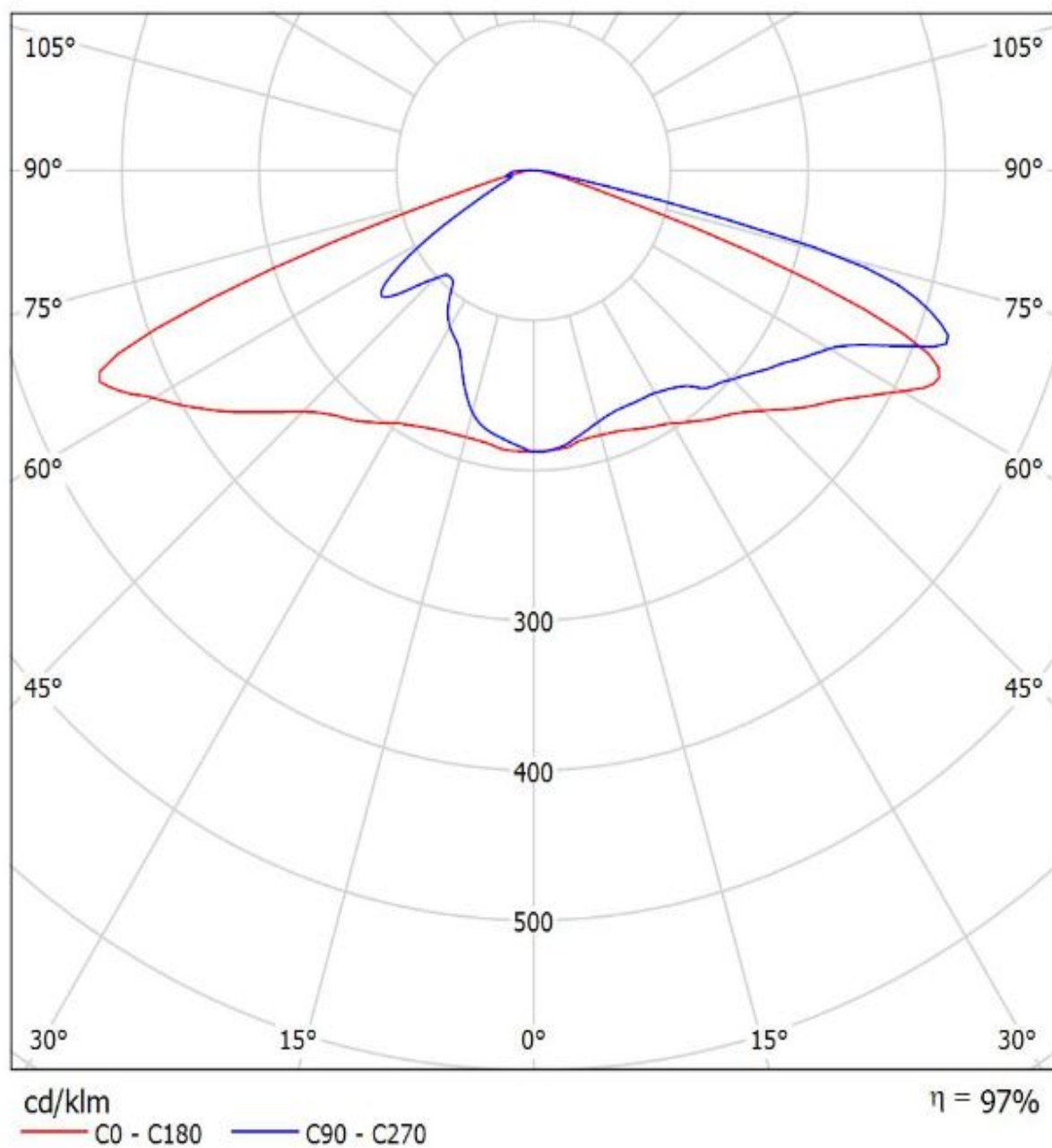
Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B\_(NVSLE21A)\_SIMULATED  
Lamps: 1 x Nichia NVSLE21A





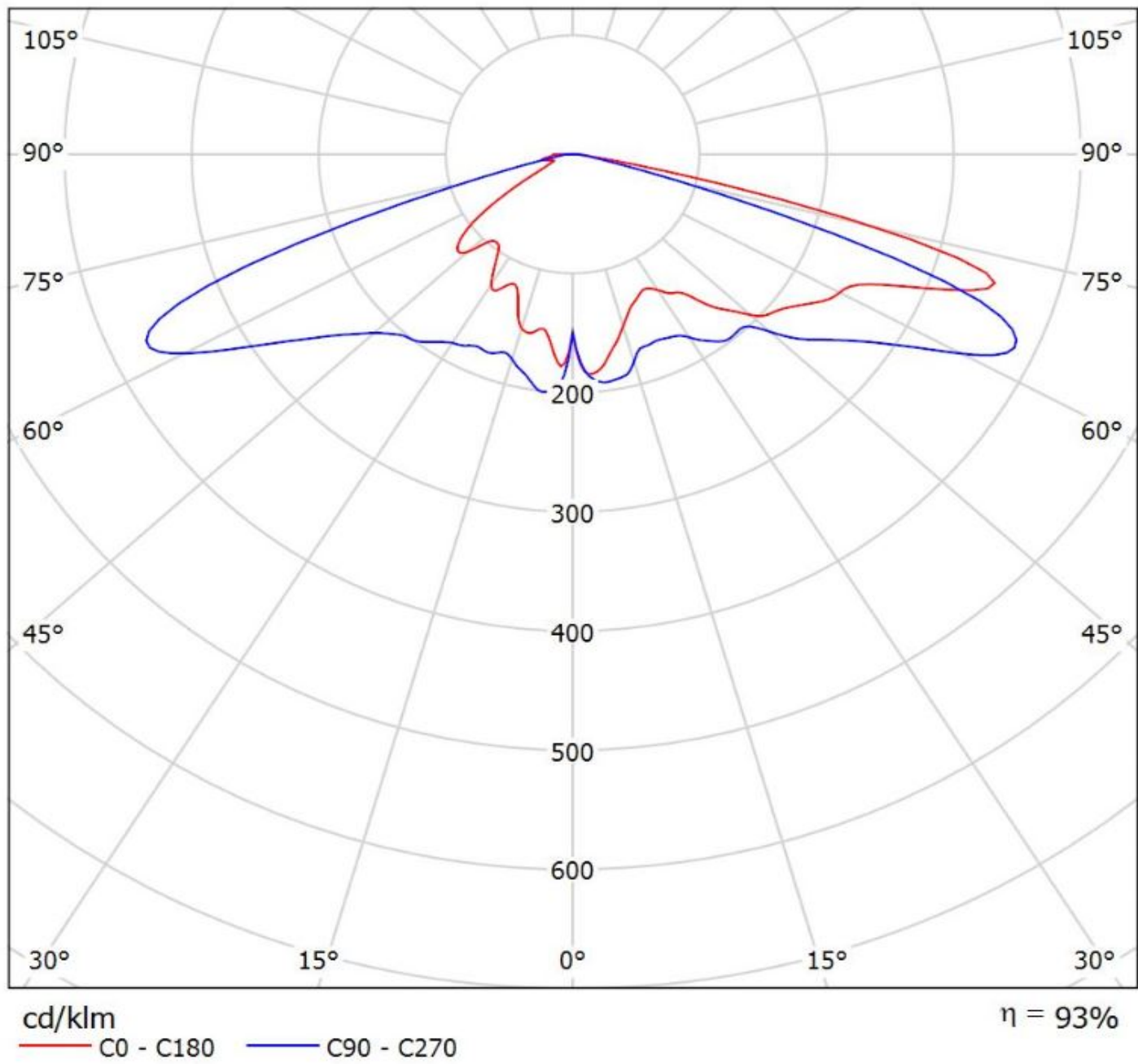
Luminaire: Ledil C15960\_STRADELLA-8-HV-T4B\_(NVSW219D)

Lamps: 1 x NICHIA\_NVSW219D\_Stradella-8\_(sm403D320R70)\_972.863lm@250mA\_CCT=4000K\_P=5.58452W\_U=22.347V

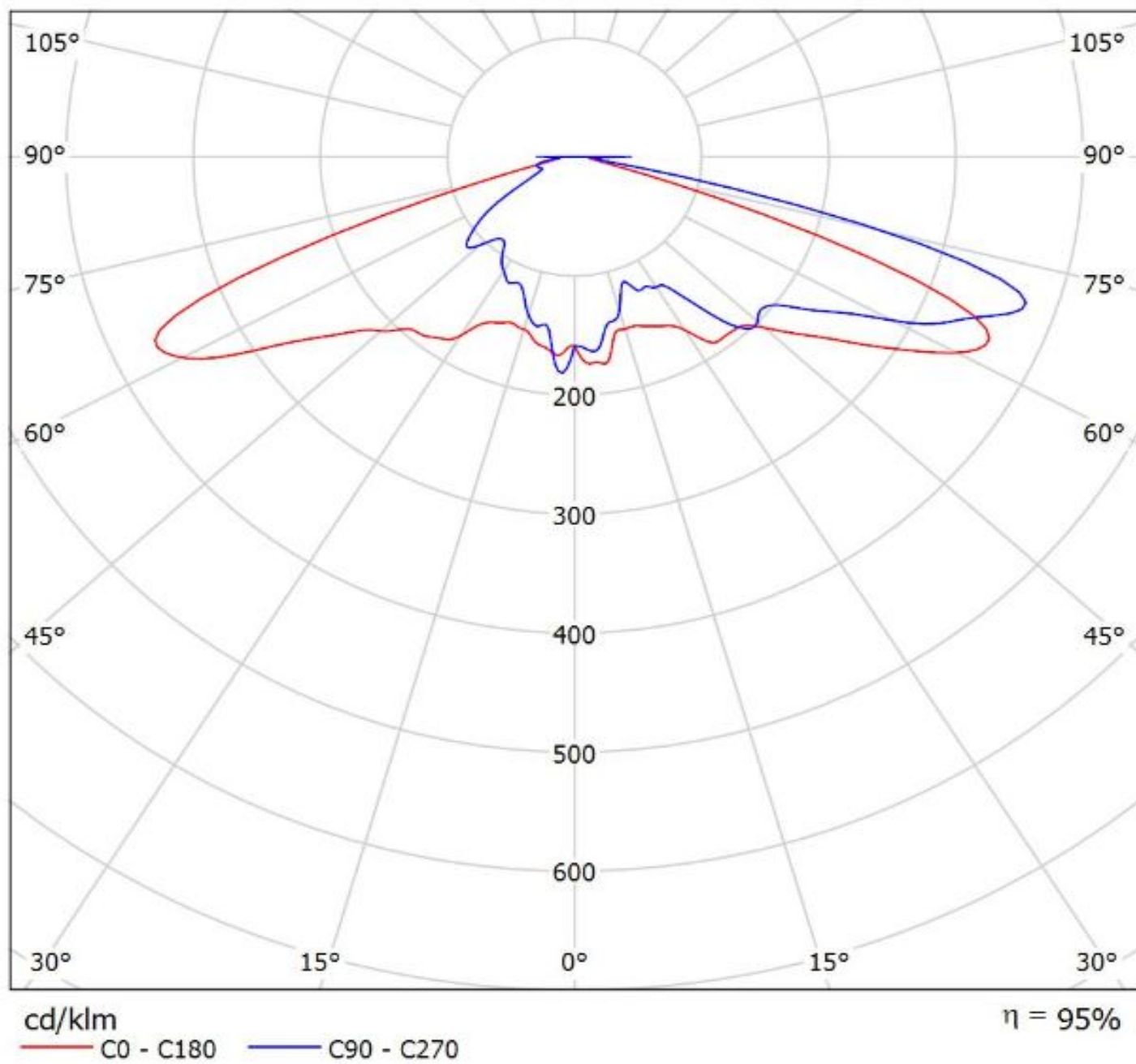




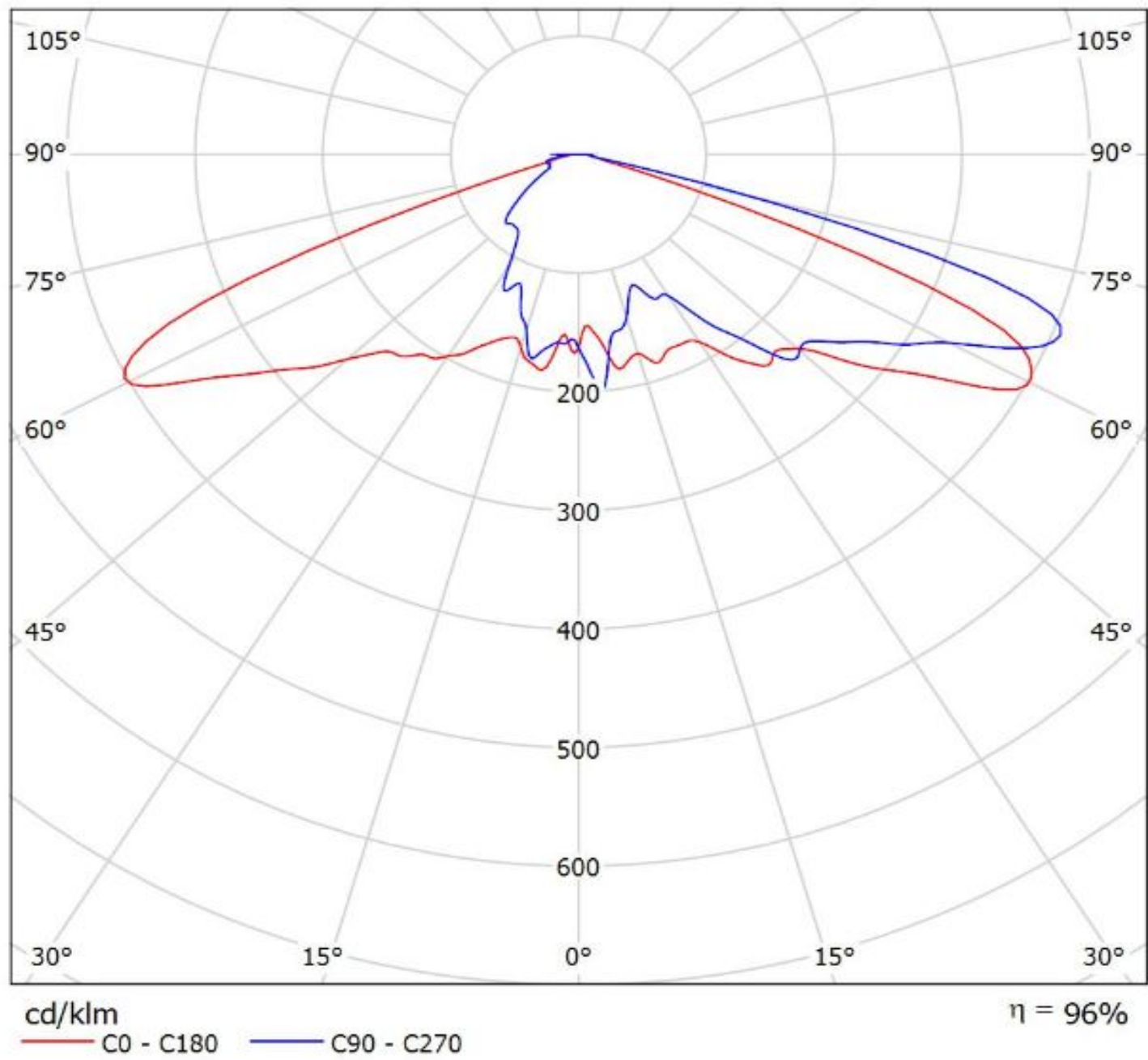
Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B C15960\_STRADELLA-8-HV-T4B  
Lamps: 1 x Osram\_Oslon Square Gen3\_0521



Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B\_(LH181A)\_SIMULATED  
Lamps: 1 x Samsung LH181A



Luminaire: Ledil Oy C15960\_STRADELLA-8-HV-T4B\_(LH181B)\_SIMULATED  
Lamps: 1 x Samsung LH181B



**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.**