


**Ordering number C12360\_STRADA-2X2-DNW**

|                 |                  |             |              |
|-----------------|------------------|-------------|--------------|
| Family          | Strada-Module    | FWHM        | Asym degrees |
| Type            | Lens array       | Efficiency  | 93 %         |
| LED             | XP-G             | cd/lm       | 0.440        |
| Color           | Clear            | Gerber File | Available    |
| Diameter        | 50x50 mm         |             |              |
| Height          | 11 mm            |             |              |
| Style           | Square           |             |              |
| Optic Material  | PMMA             |             |              |
| Holder Material | -                |             |              |
| Fastening       | Screw, pin, glue |             |              |
| Status          | On production    |             |              |


**Ordering number C12362\_STRADA-2X2-DWC**

|                 |                  |             |              |
|-----------------|------------------|-------------|--------------|
| Family          | Strada-Module    | FWHM        | Asym degrees |
| Type            | Lens array       | Efficiency  | 93 %         |
| LED             | XP-G             | cd/lm       | 0.470        |
| Color           | Clear            | Gerber File | Available    |
| Diameter        | 50x50 mm         |             |              |
| Height          | 6 mm             |             |              |
| Style           | Square           |             |              |
| Optic Material  | PMMA             |             |              |
| Holder Material | -                |             |              |
| Fastening       | Screw, pin, glue |             |              |
| Status          | On production    |             |              |


**Ordering number C12419\_STRADA-2X2-A-T**

|                 |                  |             |              |
|-----------------|------------------|-------------|--------------|
| Family          | Strada-Module    | FWHM        | Asym degrees |
| Type            | Lens array       | Efficiency  | 93 %         |
| LED             | XP-G             | cd/lm       | 0.450        |
| Color           | Clear            | Gerber File | Available    |
| Diameter        | 50x50 mm         |             |              |
| Height          | 7.3 mm           |             |              |
| Style           | Rectang          |             |              |
| Optic Material  | PMMA             |             |              |
| Holder Material | -                |             |              |
| Fastening       | Screw, pin, glue |             |              |
| Status          | On production    |             |              |


**Ordering number C13300\_STRADA-2X2-T2**

|                 |                  |                                  |                               |
|-----------------|------------------|----------------------------------|-------------------------------|
| Family          | Strada-Module    | FWHM                             | Asym degrees                  |
| Type            | Lens array       | Efficiency                       | 94 %                          |
| LED             | XP-G             | cd/lm                            | 1.100                         |
| Color           | Clear            | Gerber File                      | Available                     |
| Diameter        | 50 + 50 mm       |                                  |                               |
| Height          | 7.7 mm           |                                  |                               |
| Style           | Square           | IESNA Type II Street light optic | Suitable for narrow roads and |
| Optic Material  | PMMA             |                                  |                               |
| Holder Material | -                |                                  |                               |
| Fastening       | Screw, pin, glue |                                  |                               |
| Status          | On production    |                                  |                               |


**Ordering number C13301\_STRADA-2X2-T3**

|                 |                  |             |                                   |
|-----------------|------------------|-------------|-----------------------------------|
| Family          | Strada-Module    | FWHM        | asymmetric degrees                |
| Type            | Lens array       | Efficiency  | 94 %                              |
| LED             | XP-G             | cd/lm       | 0.700                             |
| Color           | Clear            | Gerber File | Available                         |
| Diameter        | 50 x 50 mm       |             |                                   |
| Height          | 7 mm             |             |                                   |
| Style           | Square           |             | IESNA Type III Street light optic |
| Optic Material  | PMMA             |             |                                   |
| Holder Material | -                |             |                                   |
| Fastening       | Screw, pin, glue |             |                                   |
| Status          | On production    |             |                                   |

**Ordering number C13499\_STRADA-2X2-CY**

|                 |               |             |                 |
|-----------------|---------------|-------------|-----------------|
| Family          | Strada-Module | FWHM        | 131+131 degrees |
| Type            | Lens array    | Efficiency  | 94 %            |
| LED             | XP-G          | cd/lm       | 0.320           |
| Color           | Clear         | Gerber File | Available       |
| Diameter        | 50x50 mm      |             |                 |
| Height          | 7.85 mm       |             |                 |
| Style           | Square        |             |                 |
| Optic Material  | PMMA          |             |                 |
| Holder Material | -             |             |                 |
| Fastening       | Screw         |             |                 |
| Status          | On production |             |                 |

**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.**



## PRODUCT DATASHEET Strada-Module series

last update 4/9/2013

### GENERAL INFORMATION

- Product series especially designed & optimized for XP-G series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

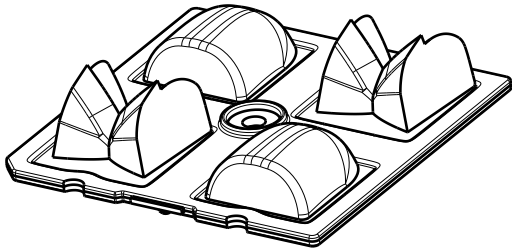
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

D

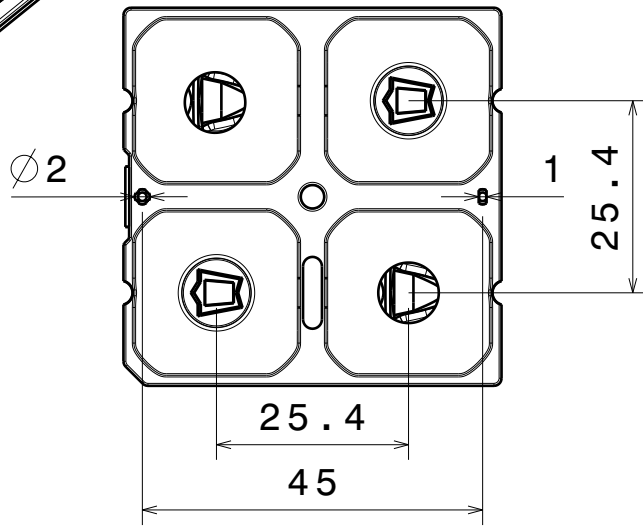
C

B

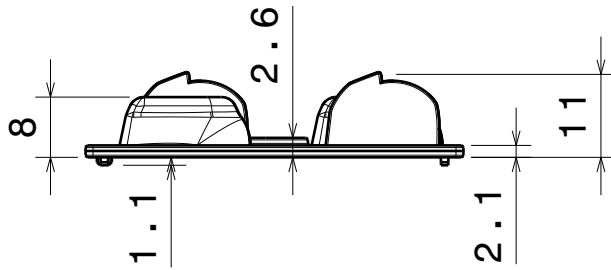
A



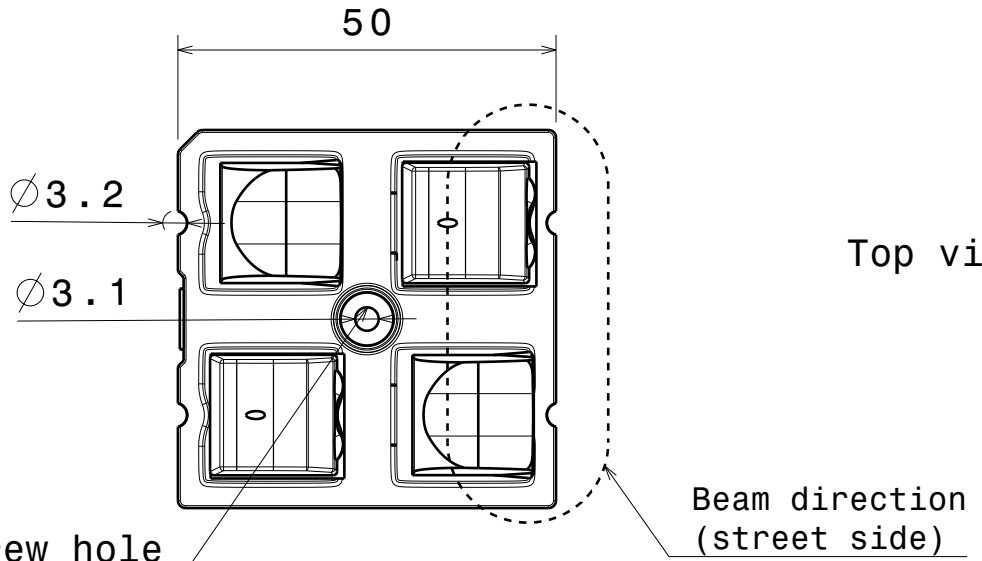
Isometric view



Bottom view



Front view



Top view

Material: PMMA

Screw hole

Beam direction (street side)

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Ledil Oy  
Salorankatu 10  
FIN-24100 SALO  
Finland

DRAWING TITLE

Datasheet Strada-2x2-DNW

DRAWN BY  
ah/mav

DATE  
10.9.2012

CHECKED BY  
ol

DATE  
10.9.2012

SIZE  
A4

DRAWING NUMBER

C12360

REV  
4

DESIGNED BY  
ol

DATE  
18.10.2011

SCALE

1:1

WEIGHT (g)

SHEET

1/1

D

A

4

4

3

3

2

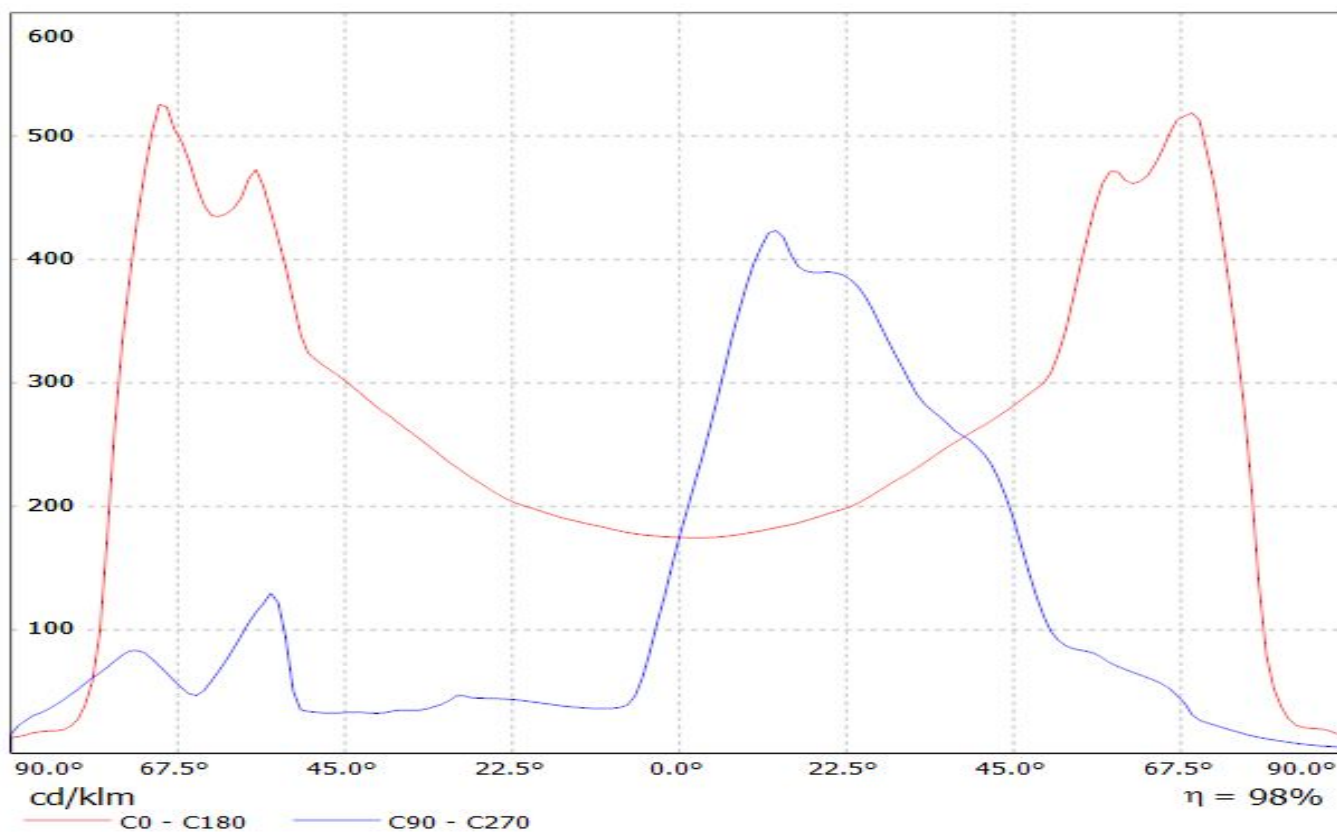
2

1

1

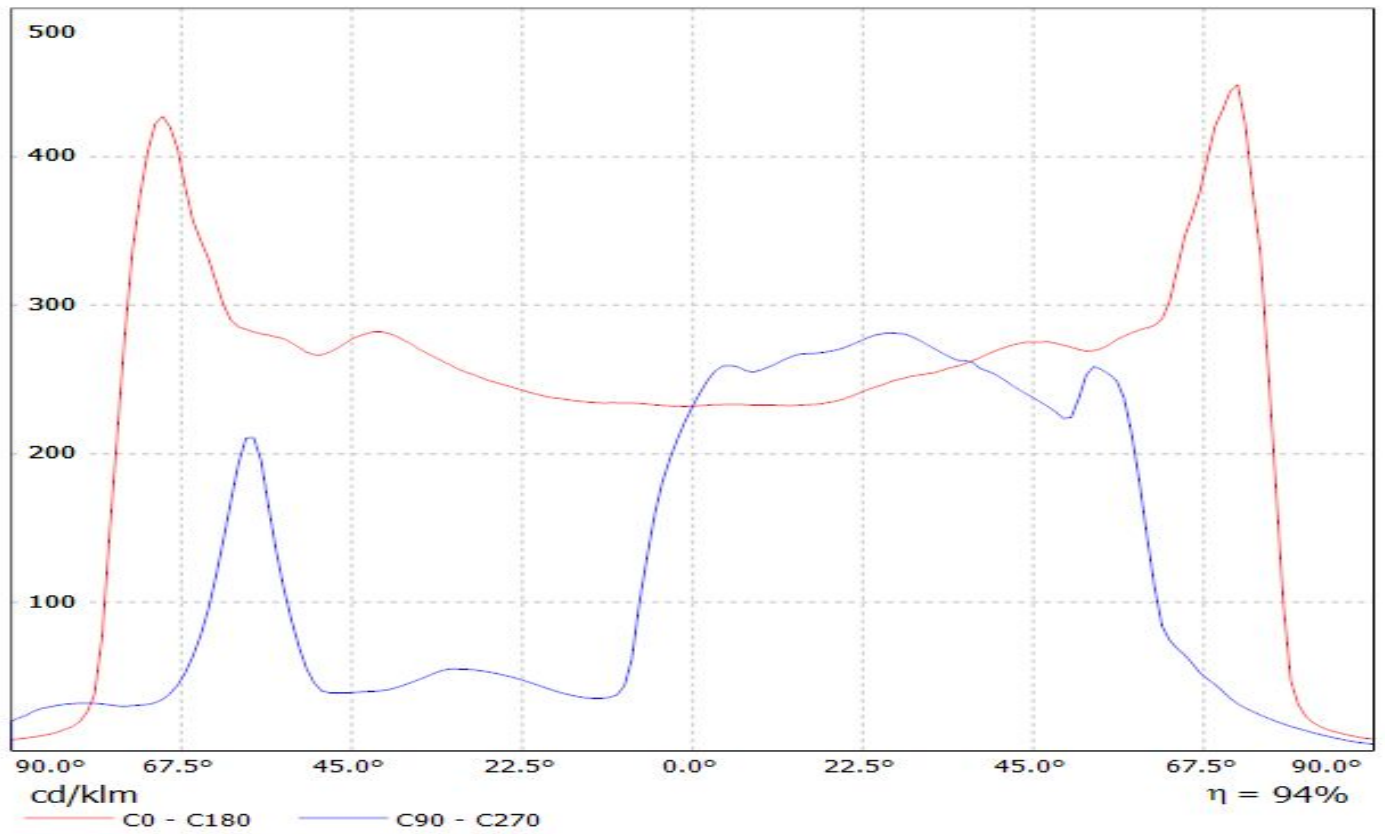
# LEDiL Oy C13300\_STRADA-2X2-T2\_(XP-G) Eff.97.9% / LDC (Linear)

Luminaire: LEDiL Oy C13300\_STRADA-2X2-T2\_(XP-G) Eff.97.9%  
Lamps: 1 x XP-G (249lm@250mA)

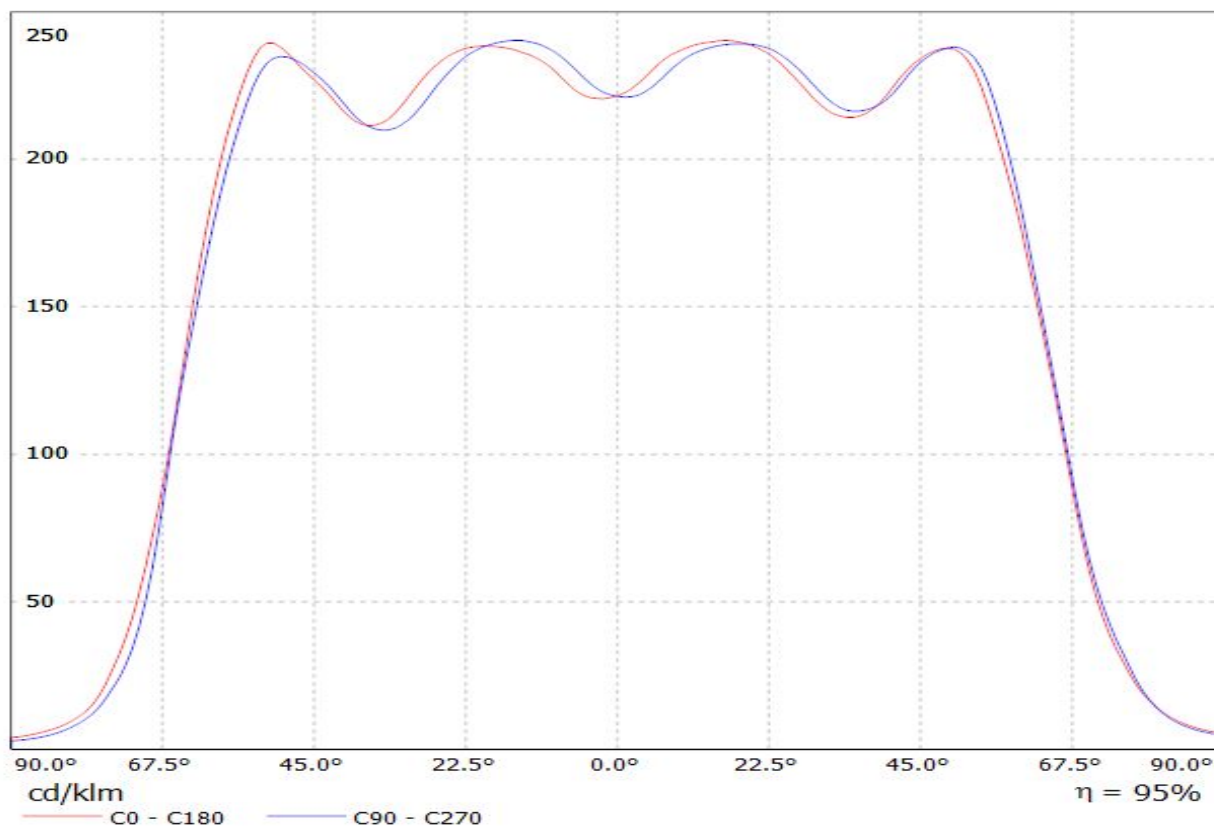


# LEDiL Oy C13301\_STRADA-2X2-T3\_(XP-G) Eff.94.2% / LDC (Linear)

Luminaire: LEDiL Oy C13301\_STRADA-2X2-T3\_(XP-G) Eff.94.2%  
Lamps: 1 x CREE XP-G2 (259lm@250mA)



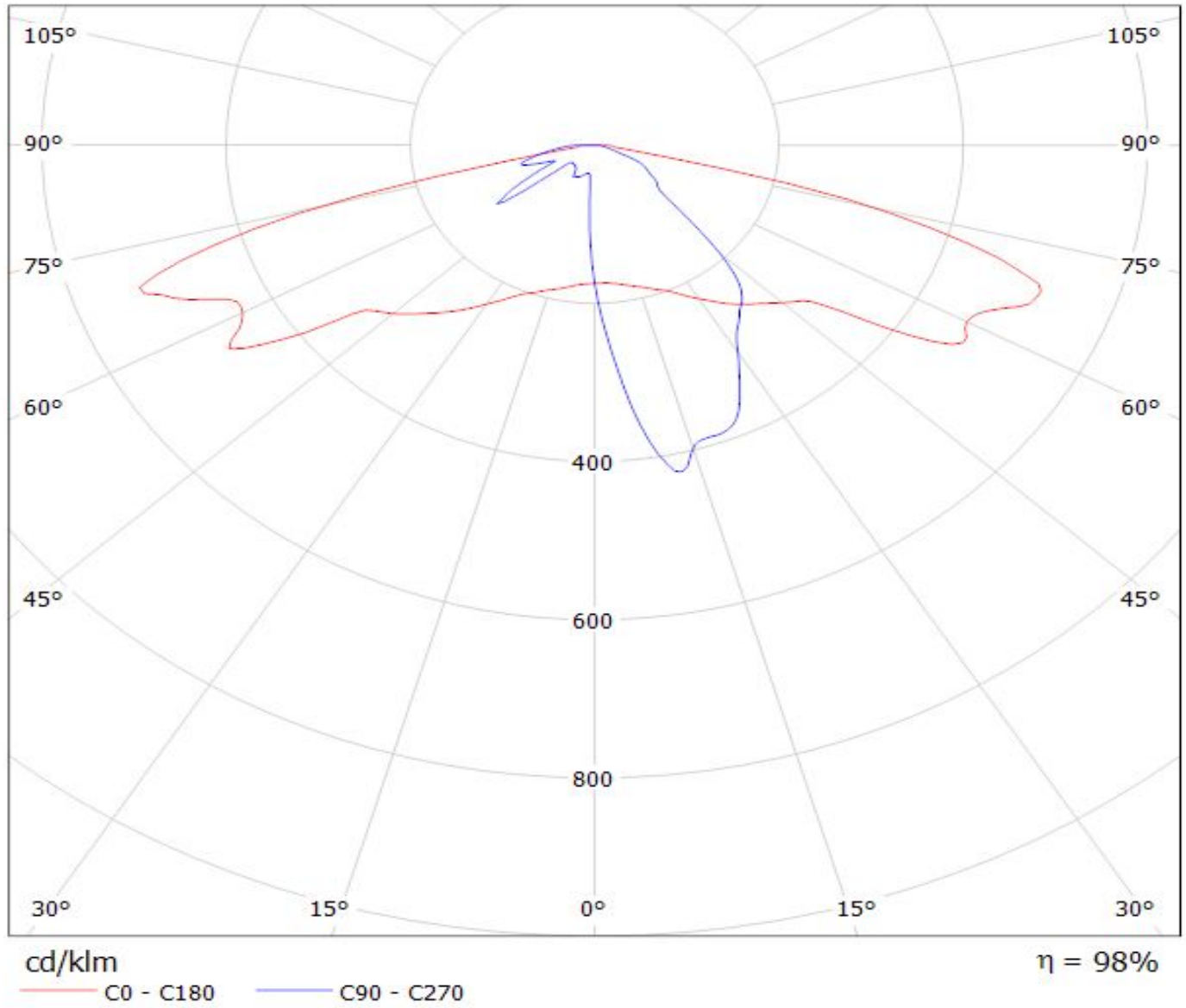
Luminaire: LEDiL Oy C13499\_STRADA-2X2-CY\_(XP-G) Eff. 94%  
Lamps: 1 x CREE\_XP-G\_2x2\_253.946lm@250mA\_P=2.89059W\_I=249.9mA



# LEDiL Oy C13300\_STRADA-2X2-T2\_(XP-G) Eff.97.9% / LDC (Polar)

Luminaire: LEDiL Oy C13300\_STRADA-2X2-T2\_(XP-G) Eff.97.9%

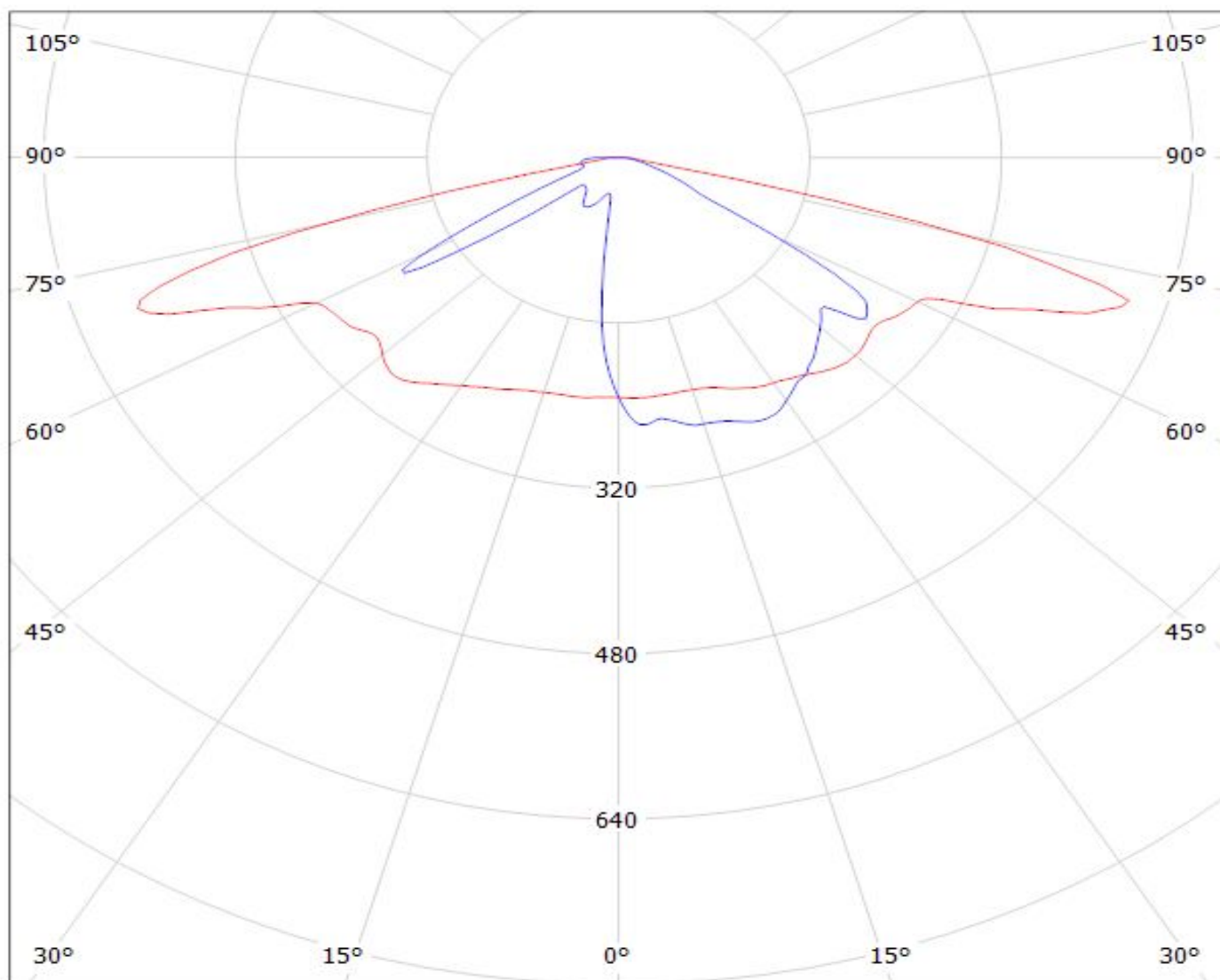
Lamps: 1 x XP-G (249lm@250mA)



# LEDiL Oy C13301\_STRADA-2X2-T3\_(XP-G) Eff.94.2% / LDC (Polar)

Luminaire: LEDiL Oy C13301\_STRADA-2X2-T3\_(XP-G) Eff.94.2%

Lamps: 1 x CREE XP-G2 (259lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

η = 94%

Luminaire: LEDiL Oy C13499\_STRADA-2X2-CY\_(XP-G) Eff. 94%  
Lamps: 1 x CREE\_XP-G\_2x2\_253.946lm@250mA\_P=2.89059W\_I=249.9mA

