

**Ordering number C12360_STRADA-2X2-DNW**

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	93 %
LED	XM-L	cd/Im	0.270
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	Asymmetric degrees
Type	Lens array	Efficiency	92 %
LED	XM-L	cd/Im	0.410
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	Asymmetric degrees
Type	Lens array	Efficiency	93 %
LED	XM-L	cd/Im	0.420
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 C13299_STRADA-2X2-ME**

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	94 %
LED	XM-L	cd/Im	0.700
Color	Clear	Gerber File	Available
Diameter	50 + 50 mm		
Height	8.15 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		

Designed for European ME road lighting classes. Optimized for

**Ordering number C13300_STRADA-2X2-T2**

Family	Strada-Module
Type	Lens array
LED	XM-L
Color	Clear
Diameter	50 + 50 mm
Height	7.7 mm
Style	Square
Optic Material	PMMA
Holder Material	-
Fastening	Screw, pin, glue
Status	On production

FWHM	Asymmetric degrees
Efficiency	95 %
cd/Im	0.800
Gerber File	Available

IESNA Type II Street light optic Suitable for narrow roads and

**Ordering number C13301_STRADA-2X2-T3**

Family	Strada-Module
Type	Lens array
LED	XM-L
Color	Clear
Diameter	50 x 50 mm
Height	7 mm
Style	Square
Optic Material	PMMA
Holder Material	-
Fastening	Screw, pin, glue
Status	On production

FWHM	Asymmetric degrees
Efficiency	-
cd/Im	(simulated) 0.000
Gerber File	Available

IESNA Type III Street light optic

**Ordering number C13604_STRADA-2X2-FN**

Family	Strada-Module
Type	Lens array
LED	XM-L
Color	Clear
Diameter	50 + 50 mm
Height	10 mm
Style	Square
Optic Material	PMMA
Holder Material	-
Fastening	Screw, pin, glue
Status	On production

FWHM	Asymmetric degrees
Efficiency	94 %
cd/Im	1.200
Gerber File	Available

Forward throw optic

**Ordering number C13699_STRADA-2X2-DN**

Family	Strada-Module
Type	Lens array
LED	XM-L
Color	Clear
Diameter	50 x 50 mm
Height	8.05 mm
Style	Square
Optic Material	PMMA
Holder Material	-
Fastening	Screw, pin
Status	On production

FWHM	Asymmetric degrees
Efficiency	94 %
cd/Im	0.700
Gerber File	Available

**Ordering number** C13499_STRADA-2X2-CY

Family	Strada-Module	FWHM	126+126 degrees
Type	Lens array	Efficiency	94 %
LED	XM-L	cd/Im	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 XM-L 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.

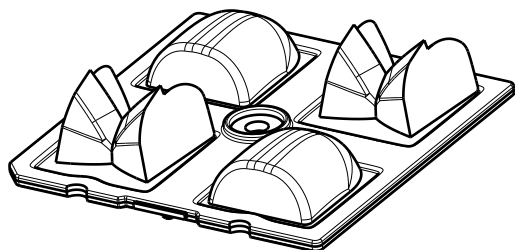
Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

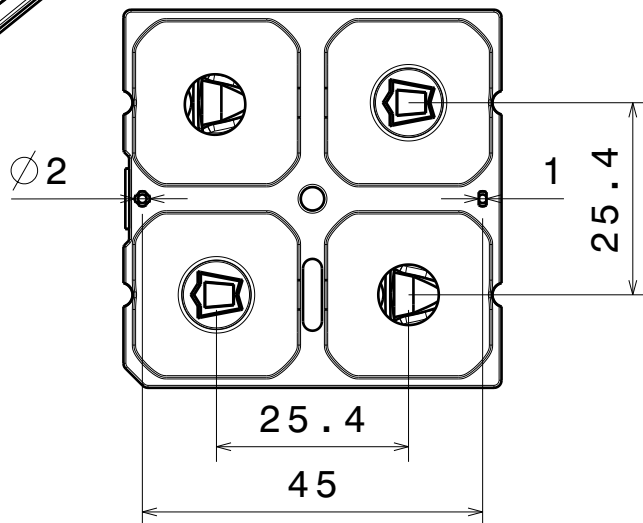
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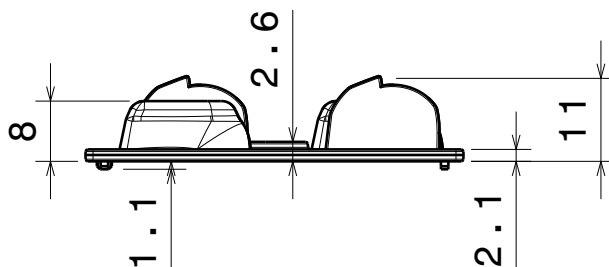


Isometric view



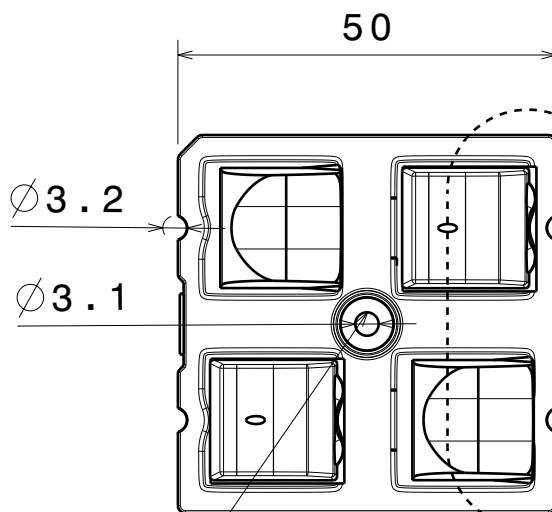
Bottom view

3



Front view

2



Top view

Material: PMMA

Screw hole

Beam direction
(street side)

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LEDiL

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

DESIGNED BY
ol

DATE
18.10.2011

SIZE
A4

DRAWING NUMBER

C12360

REV
4

SCALE

1 : 1

WEIGHT (g)

SHEET

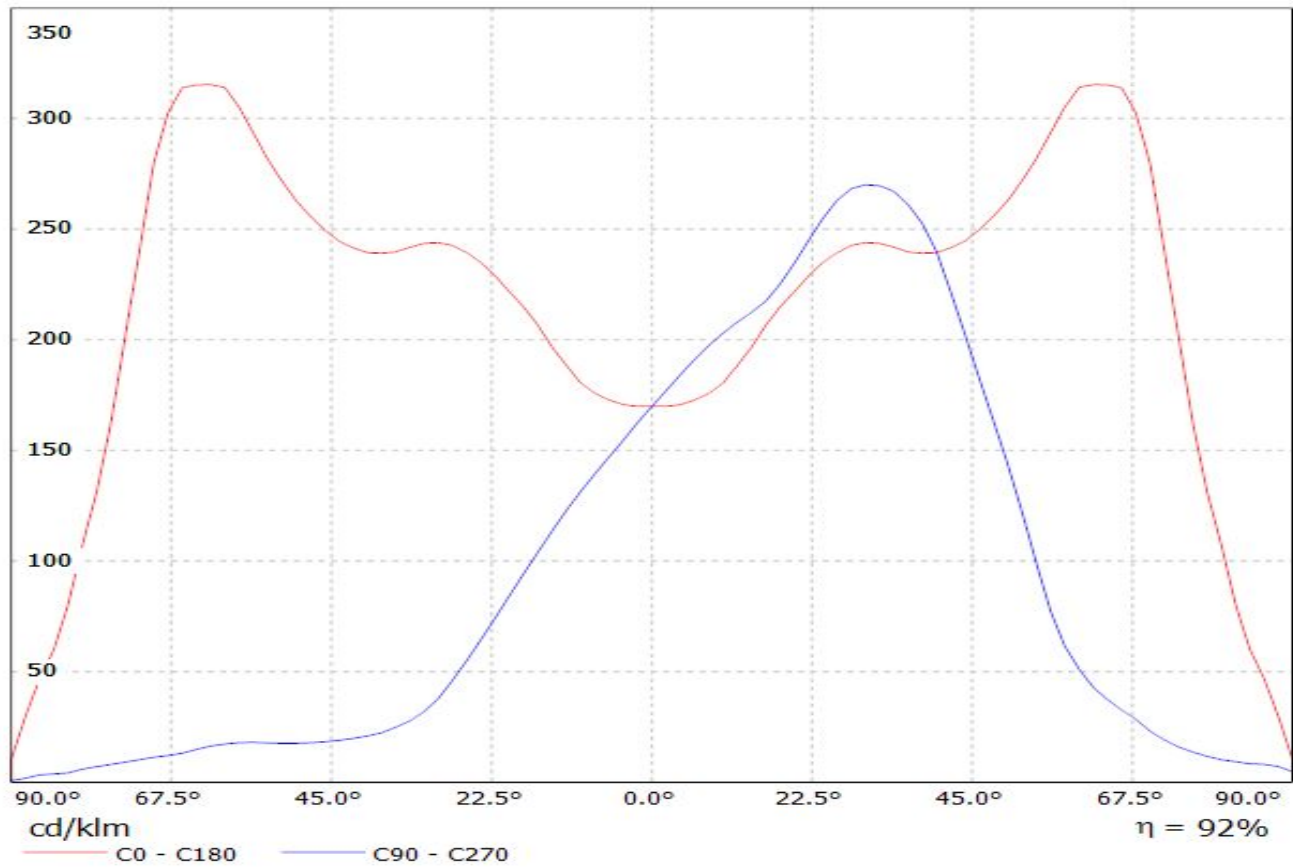
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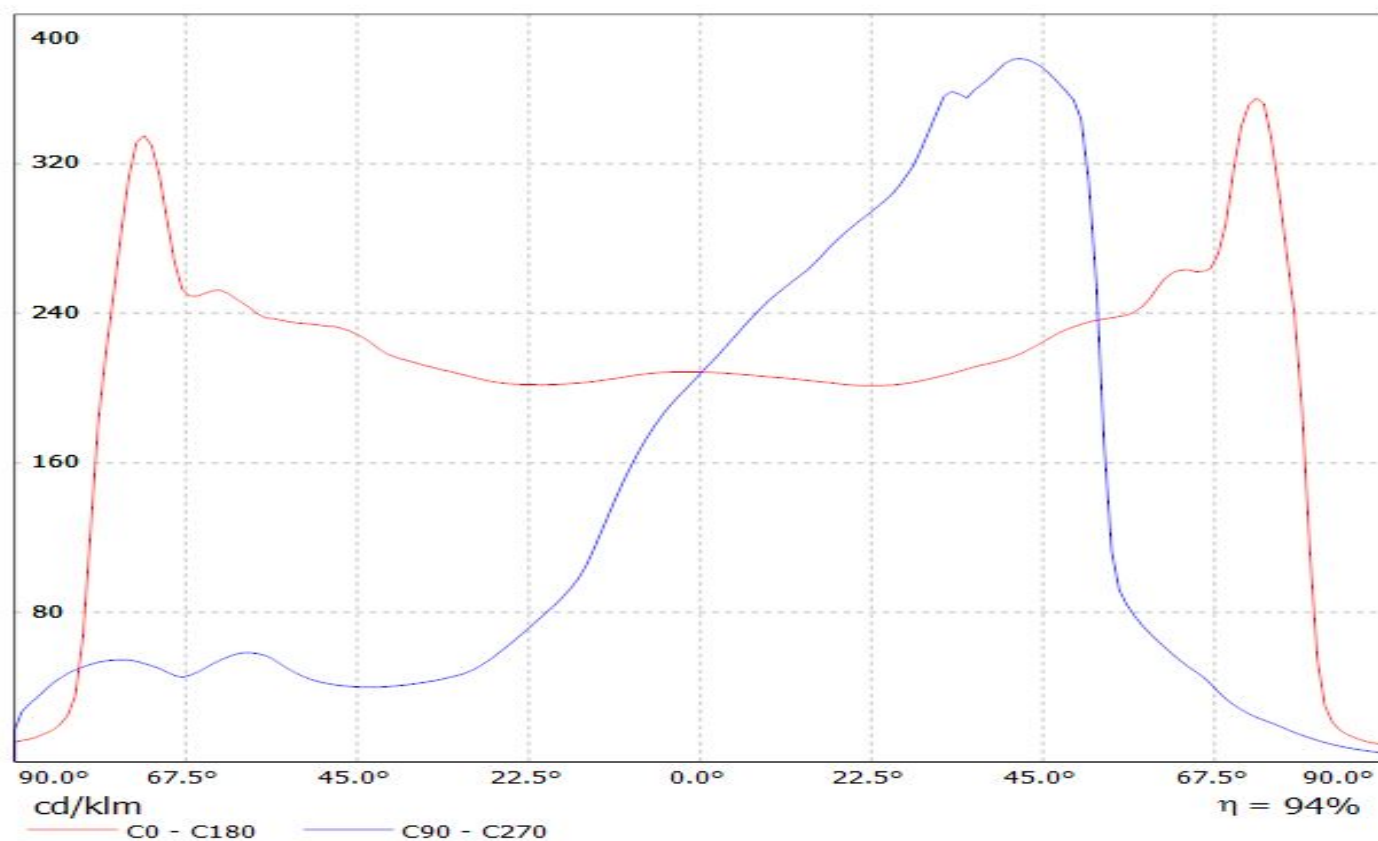
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Luminaire: Ledil Oy C12360_Strada-2x2-DNW-XM-L Eff.93%
Lamps: 1 x Cree XM-L 400lm@250mA



LEDiL Oy C13299_STRADA-2X2-ME_(XM-L) Eff.94.0% / LDC (Linear)

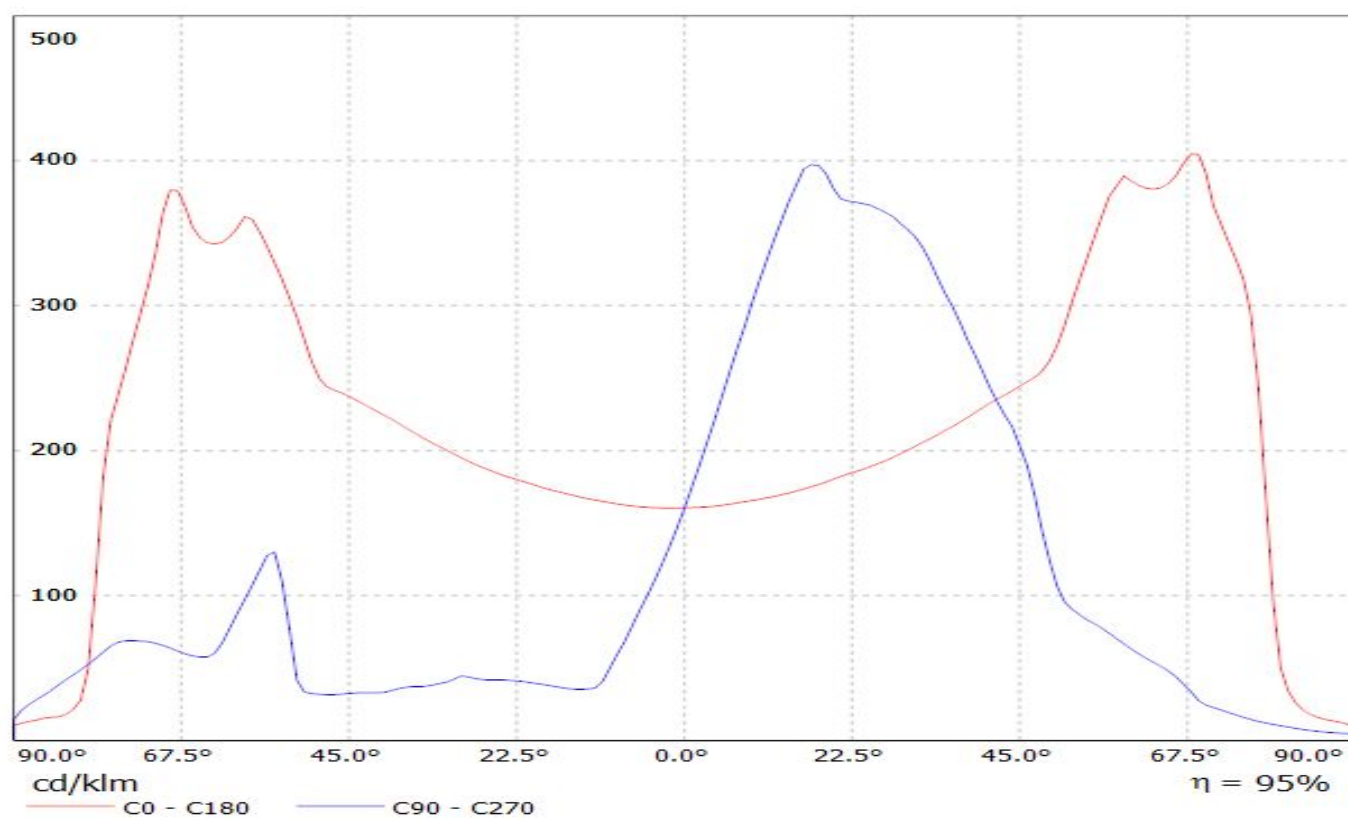
Luminaire: LEDiL Oy C13299_STRADA-2X2-ME_(XM-L) Eff.94.0%
Lamps: 1 x XM-L_2x2_360.4lm@250mA_P=2.82462W_I=249.9mA



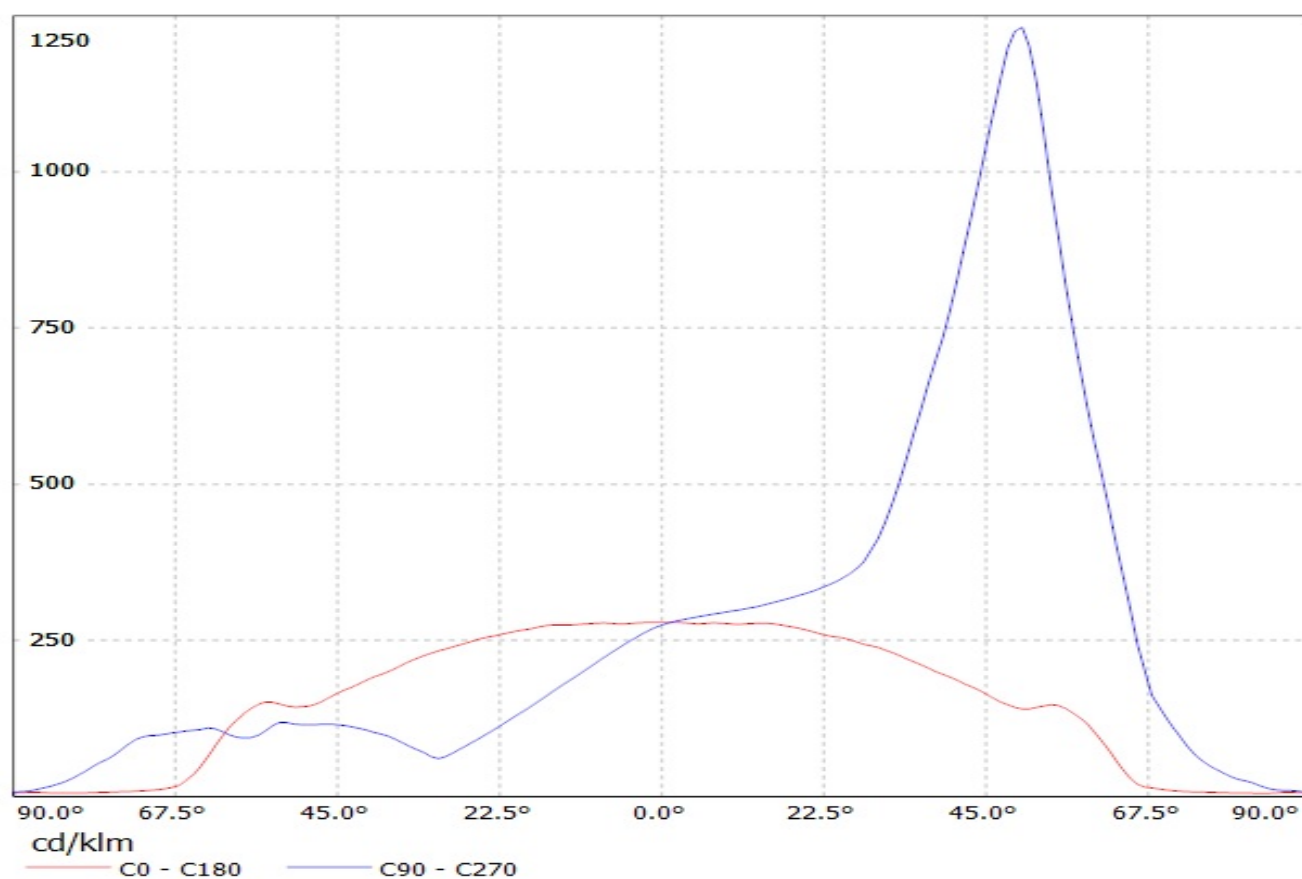
LEDiL Oy C13300_STRADA-2X2-T2_(XM-L) Eff.95.1% / LDC (Linear)

Luminaire: LEDiL Oy C13300_STRADA-2X2-T2_(XM-L) Eff.95.1%

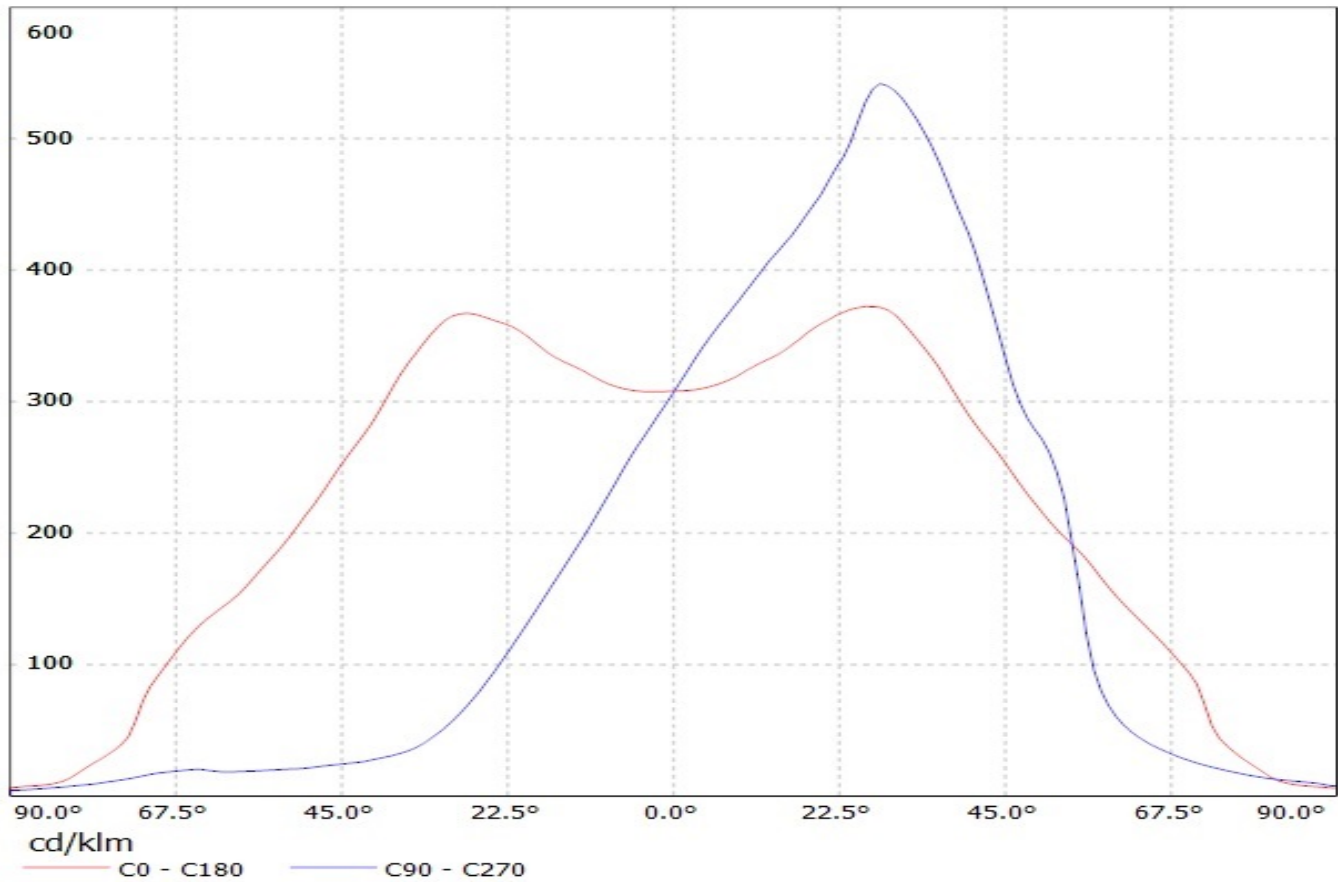
Lamps: 1 x XM-L (357lm@250mA)



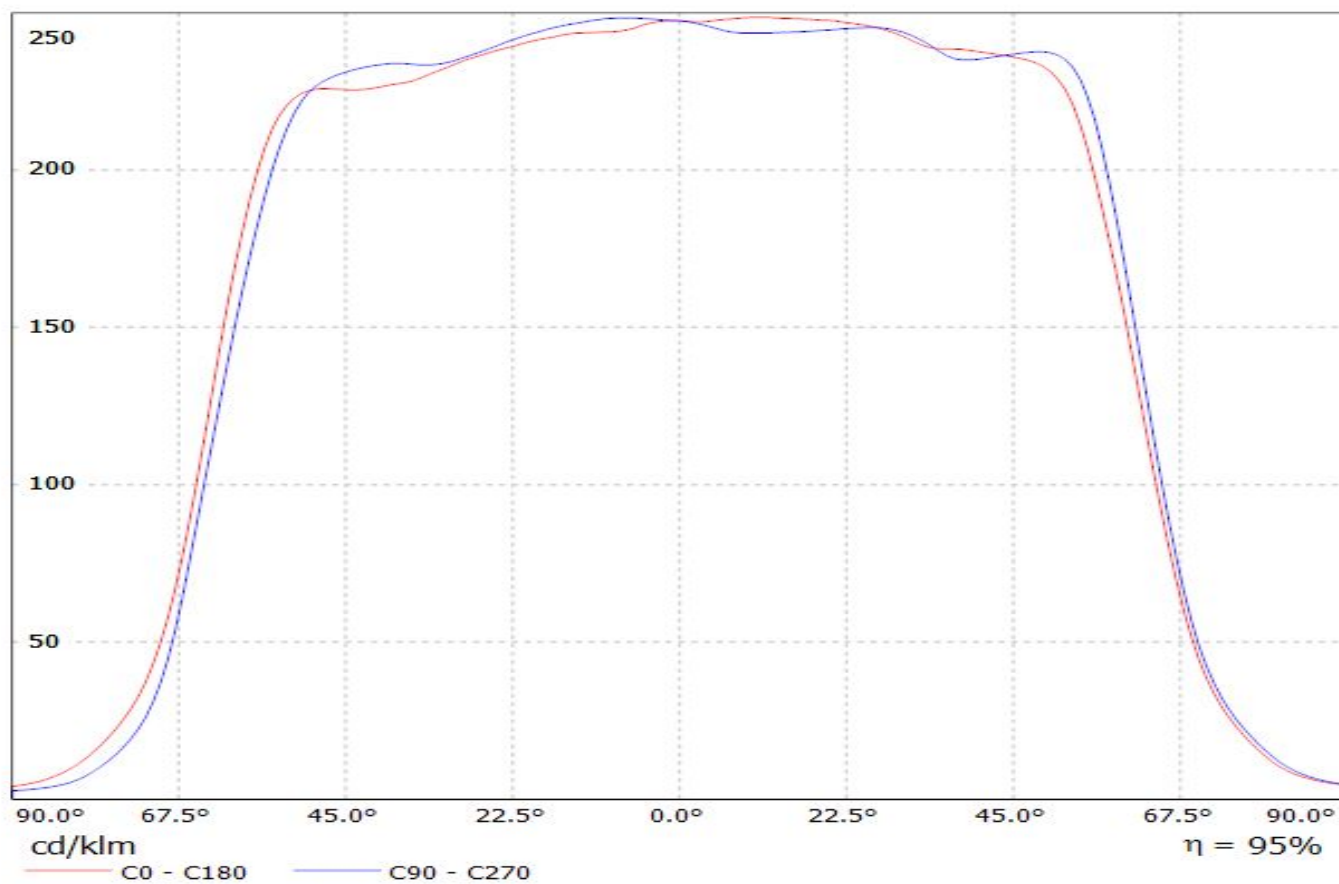
Luminaire: LEDiL Oy C13604_STRADA-2X2-FN_(XM-L) Eff. 94%
Lamps: 1 x Cree XM-L 355.205lm@250mA P=2.83062W I=0.2499A



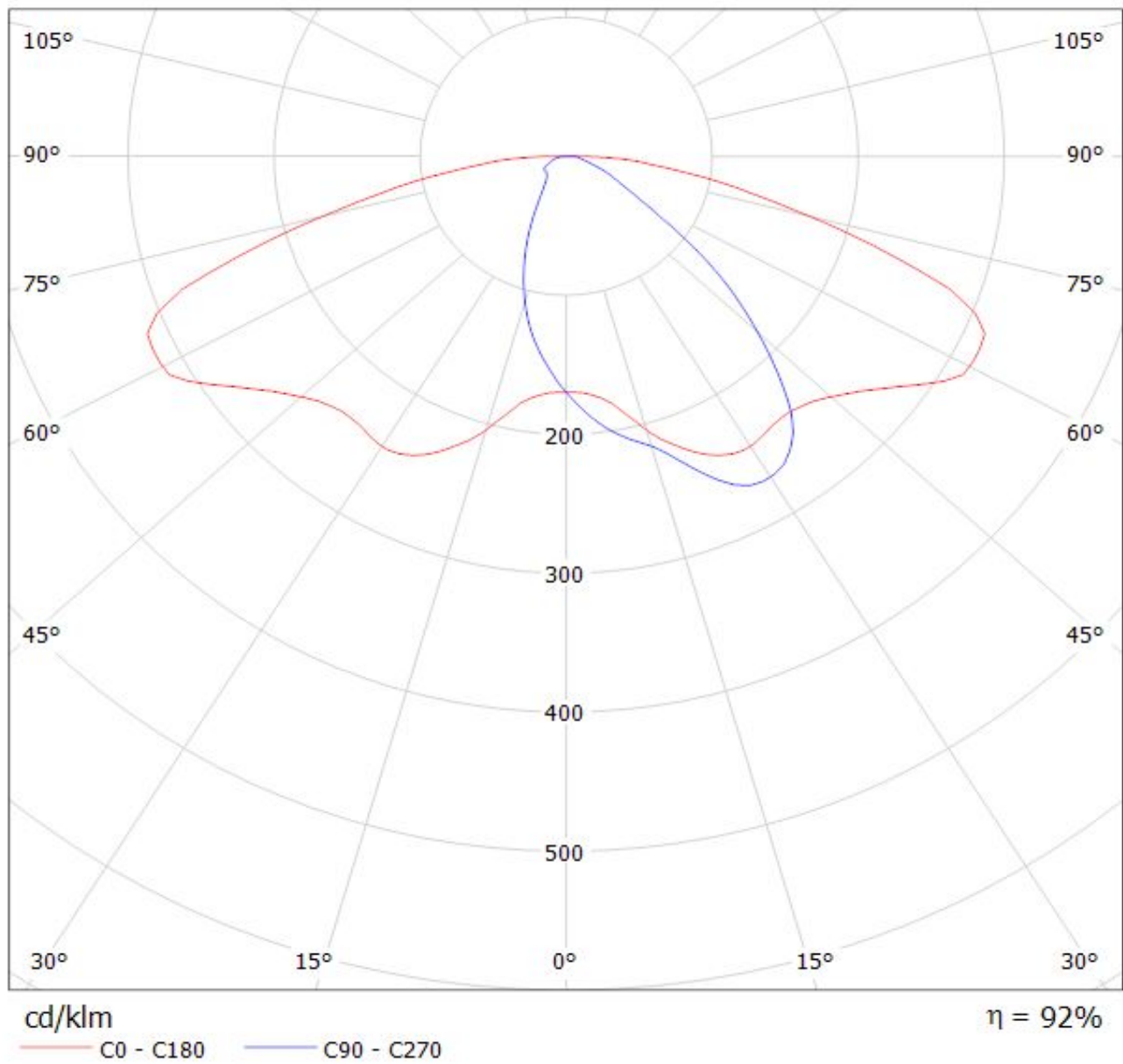
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(XM-L)
Lamps: 1 x CREE_XM-L_355.387lm@250mA



Luminaire: LEDiL Oy C13499_STRADA-2X2-CY_(XM-L) Eff. 94%
Lamps: 1 x CREE_XM-L_2x2_354.749lm@250mA_P=2.82762W_I=249.9mA

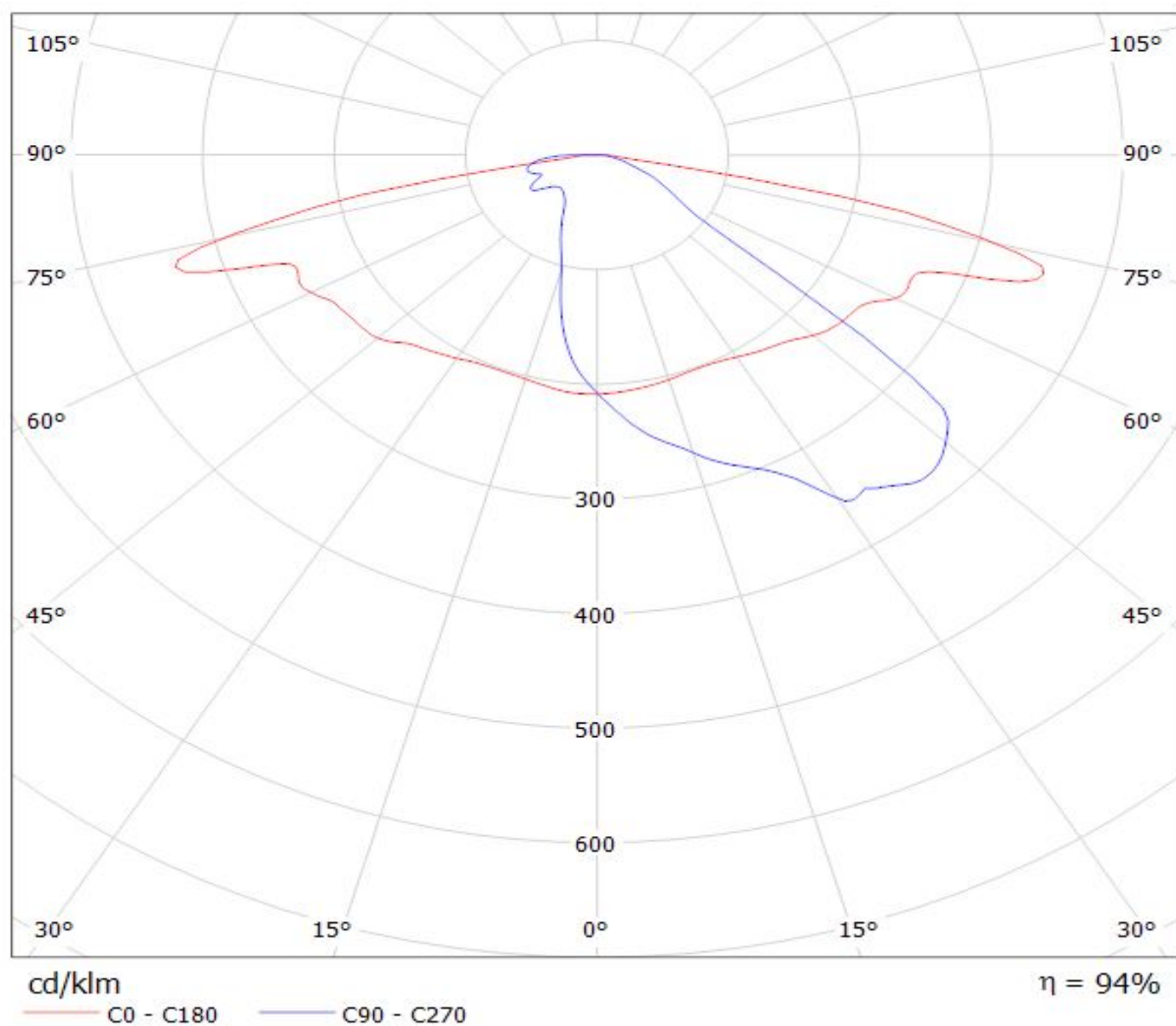


Luminaire: Ledil Oy C12360_Strada-2x2-DNW-XM-L Eff.93%
Lamps: 1 x Cree XM-L 400lm@250mA



LEDiL Oy C13299_STRADA-2X2-ME_(XM-L) Eff.94.0% / LDC (Polar)

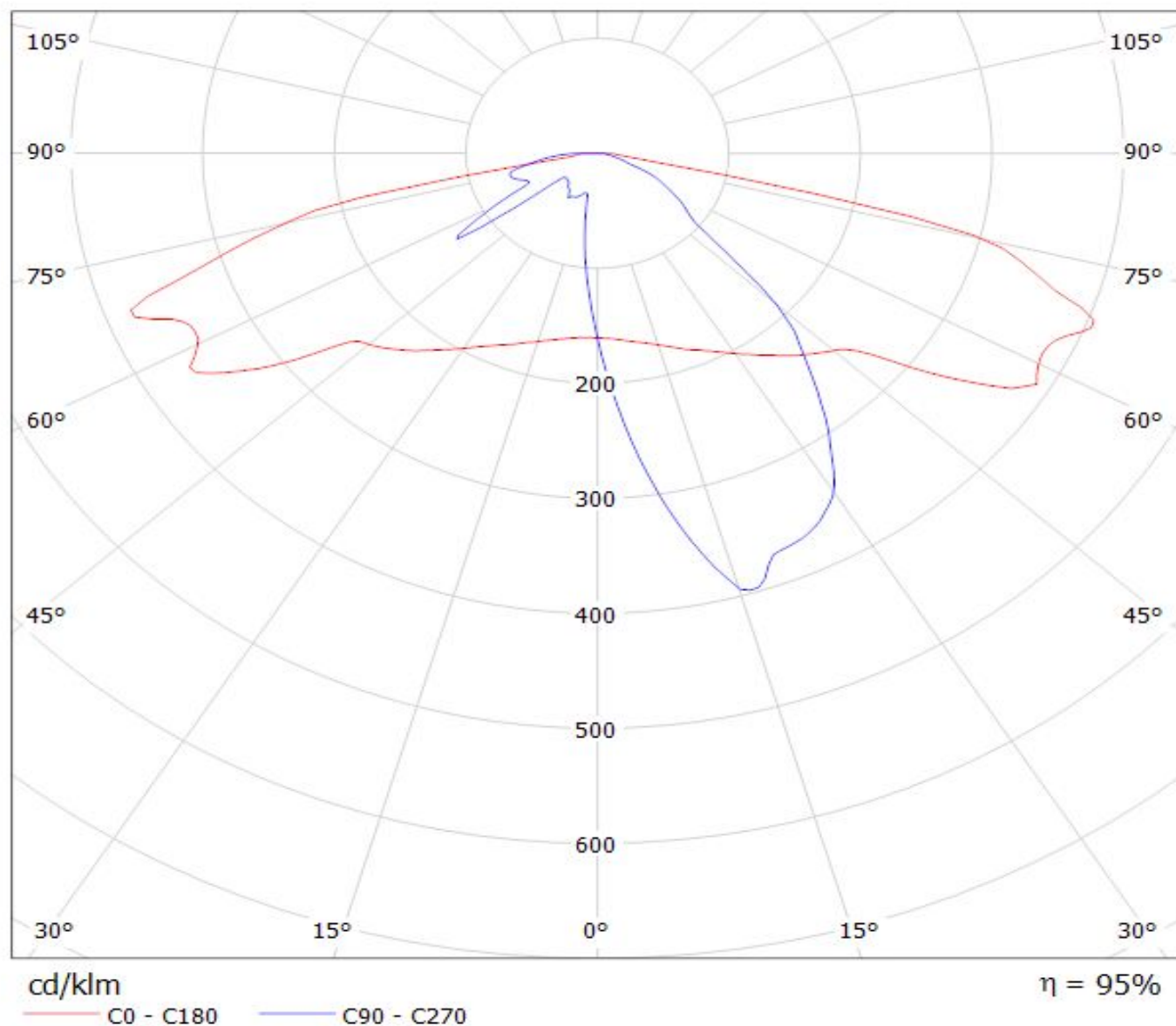
Luminaire: LEDiL Oy C13299_STRADA-2X2-ME_(XM-L) Eff.94.0%
Lamps: 1 x XM-L_2x2_360.4lm@250mA_P=2.82462W_I=249.9mA



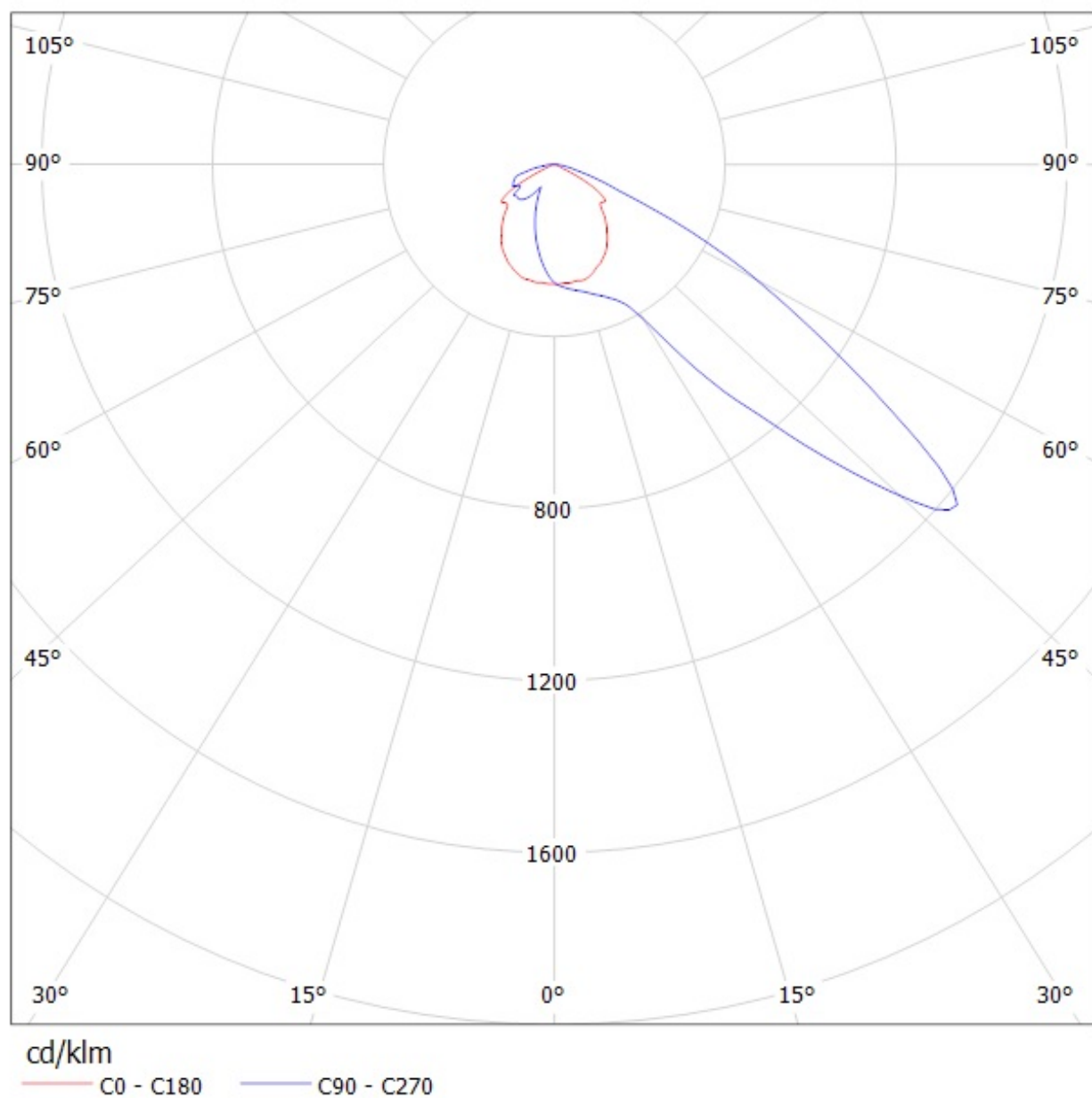
LEDiL Oy C13300_STRADA-2X2-T2_(XM-L) Eff.95.1% / LDC (Polar)

Luminaire: LEDiL Oy C13300_STRADA-2X2-T2_(XM-L) Eff.95.1%

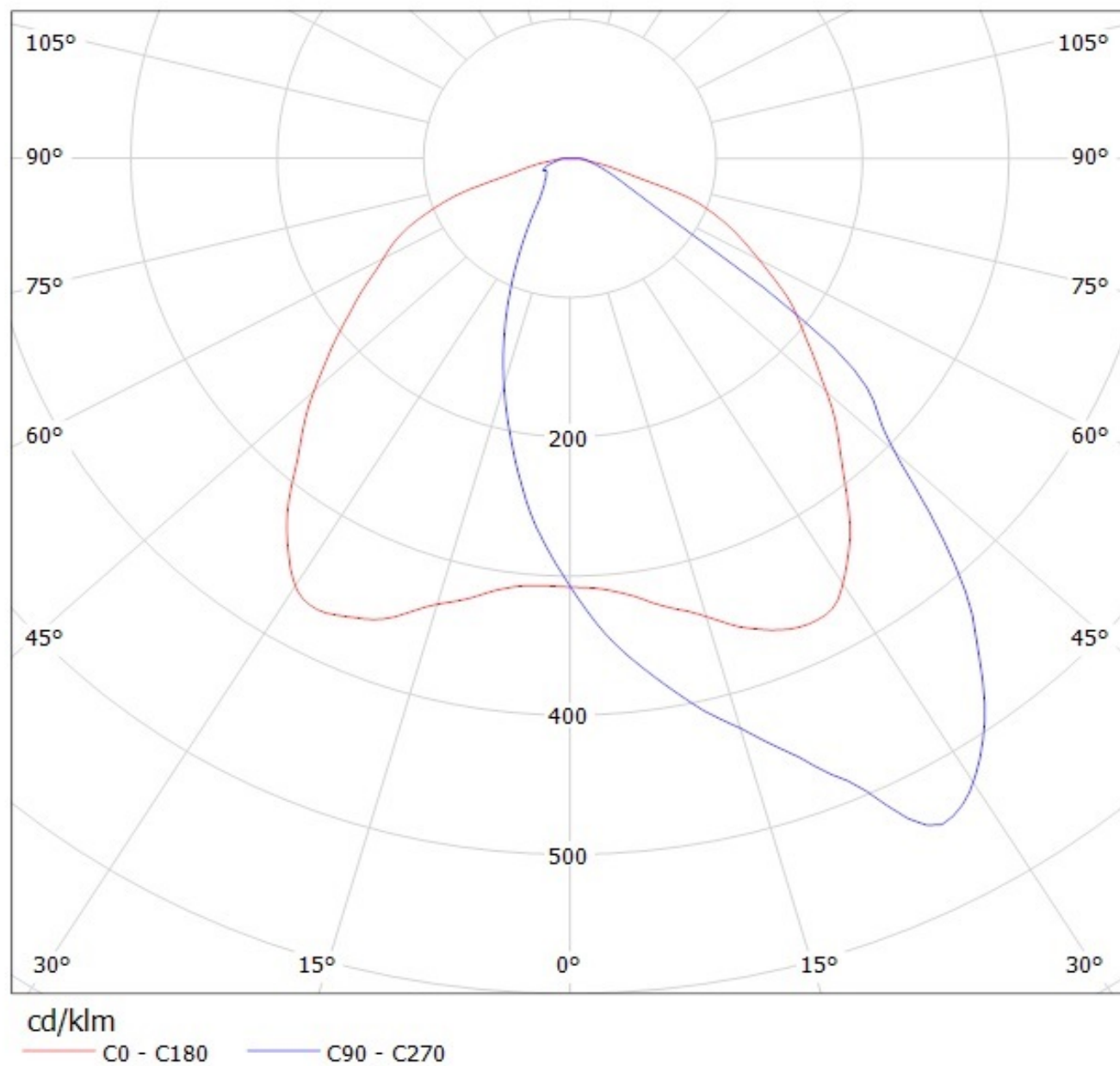
Lamps: 1 x XM-L (357lm@250mA)



Luminaire: LEDiL Oy C13604_STRADA-2X2-FN_(XM-L) Eff: 94%
Lamps: 1 x Cree XM-L 355.205lm@250mA P=2.83062W I=0.2499A



Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(XM-L)
Lamps: 1 x CREE_XM-L_355.387lm@250mA



Luminaire: LEDiL Oy C13499_STRADA-2X2-CY_(XM-L) Eff. 94%
Lamps: 1 x CREE_XM-L_2x2_354.749lm@250mA_P=2.82762W_I=249.9mA

