

**Product number C12360_STRADA-2X2-DNW**

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	93 %
LED	XT-E	cd/lm	0.290
Color	Clear	Gerber File	Available
Diameter	50x50 mm		
Height	11.27 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		

**Product number C12362_STRADA-2X2-DWC**

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	93 %
LED	XT-E	cd/lm	0.490
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		

**Product number C12419_STRADA-2X2-A-T**

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	93 %
LED	XT-E	cd/lm	0.470
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		

**Product number C13300_STRADA-2X2-T2**

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	93 %
LED	XT-E	cd/lm	(simulated) 0.000
Color	Clear	Gerber File	Available
Diameter	50 + 50 mm		
Height	7.7 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		
		IESNA Type II Street light optic	
		Suitable for narrow roads and pedestrian pathways.	


Product number C13301_STRADA-2X2-T3

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	94 %
LED	XT-E	cd/lm	0.730
Color	Clear	Gerber File	Available
Diameter	50 x 50 mm	IESNA Type III Street light optic	
Height	7.1 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		


Product number C13604_STRADA-2X2-FN

Family	Strada-Module	FWHM	(simulated) Asymmetric
Type	Lens array	Efficiency	91 %
LED	XT-E	cd/lm	(simulated) 0.000
Color	Clear	Gerber File	Available
Diameter	50 + 50 mm	Forward throw optic	
Height	10 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		


Product number C13699_STRADA-2X2-DN

Family	Strada-Module	FWHM	asymmetric degrees
Type	Lens array	Efficiency	94 %
LED	XT-E	cd/lm	0.670
Color	Clear	Gerber File	Available
Diameter	50 x 50 mm		
Height	8.05 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin		
Status	On production		


Product number C13805_STRADA-2X2-T4

Family	Strada-Module	FWHM	Asymmetric degrees
Type	Lens	Efficiency	94 %
LED	XT-E	cd/lm	0.500
Color	Clear	Gerber File	Available
Diameter	50x50 mm		
Height	7.7 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin		
Status	On production		


Product number C13858_STRADA-2X2-XW

Family Strada-Module
 Type Lens
 LED XT-E
 Color Clear
 Diameter 50x50 mm
 Height 7.1 mm
 Style Rectang
 Optic Material PMMA
 Holder Material -
 Fastening Screw, pin, glue
 Status On production

FWHM Asym degrees
 Efficiency 93 %
 cd/lm 0.850
 Gerber File Available

Extra wide beam for wide area security lighting.


Product number C14116_STRADA-2X2-PX

Family Strada-Module
 Type Lens
 LED XT-E
 Color Clear
 Diameter 50x50 mm
 Height 8 mm
 Style Square
 Optic Material PMMA
 Holder Material -
 Fastening Screw, pin
 Status On production

FWHM Asymmetric degrees
 Efficiency 94 %
 cd/lm 0.950
 Gerber File Available

Double assymmetric beam designed for pedestrian crossings.


Product number C13499_STRADA-2X2-CY

Family Strada-Module
 Type Lens array
 LED XT-E
 Color Clear
 Diameter 50x50 mm
 Height 7.85 mm
 Style Square
 Optic Material PMMA
 Holder Material -
 Fastening Screw
 Status On production

FWHM 136+136 degrees
 Efficiency 94 %
 cd/lm 0.300
 Gerber File Available


Product number C14680_STRADA-2X2-VSM

Family Strada-Module
 Type Lens
 LED XT-E
 Color Clear
 Diameter 50 x 50 mm
 Height 6.14 mm
 Style Square
 Optic Material PMMA
 Holder Material -
 Fastening Screw, pin, glue
 Status On production

FWHM 152 degrees
 Efficiency 94 %
 cd/lm 0.500
 Gerber File Available

Symmetrical wide square beam. (IESNA Type VS)



PRODUCT DATASHEET Strada-Module series

last update 31/7/2015

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 31/7/2015

GENERAL INFORMATION

- Product series especially designed & optimized for XT-E 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

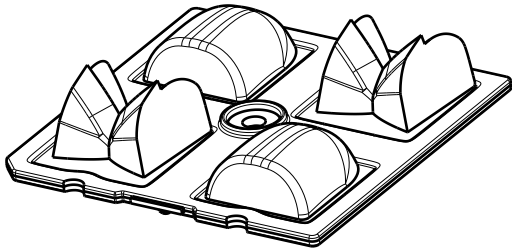
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

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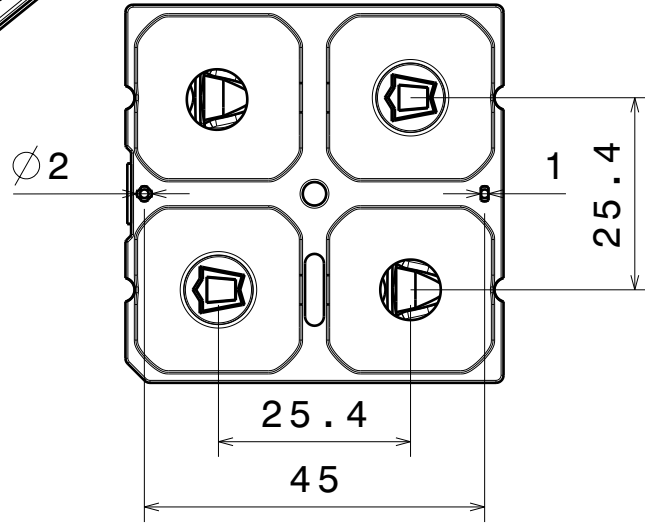
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B

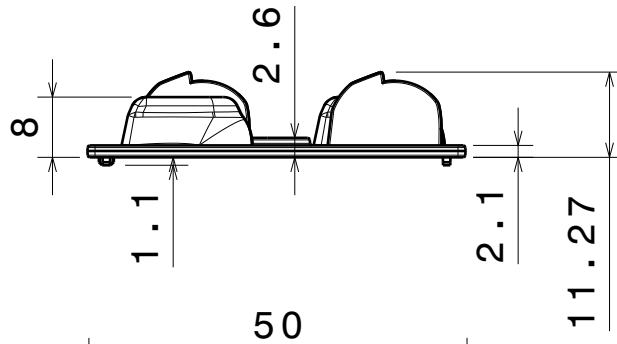
A



Isometric view

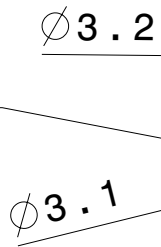


Bottom view



Front view

Injection gate



Top view

Beam direction (street side)

Screw hole

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class M, otherwise class C.
 According to DIN ISO 2768-2
 Form and position: class L

Material: PMMA

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 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 1/1

D

A

4

4

3

3

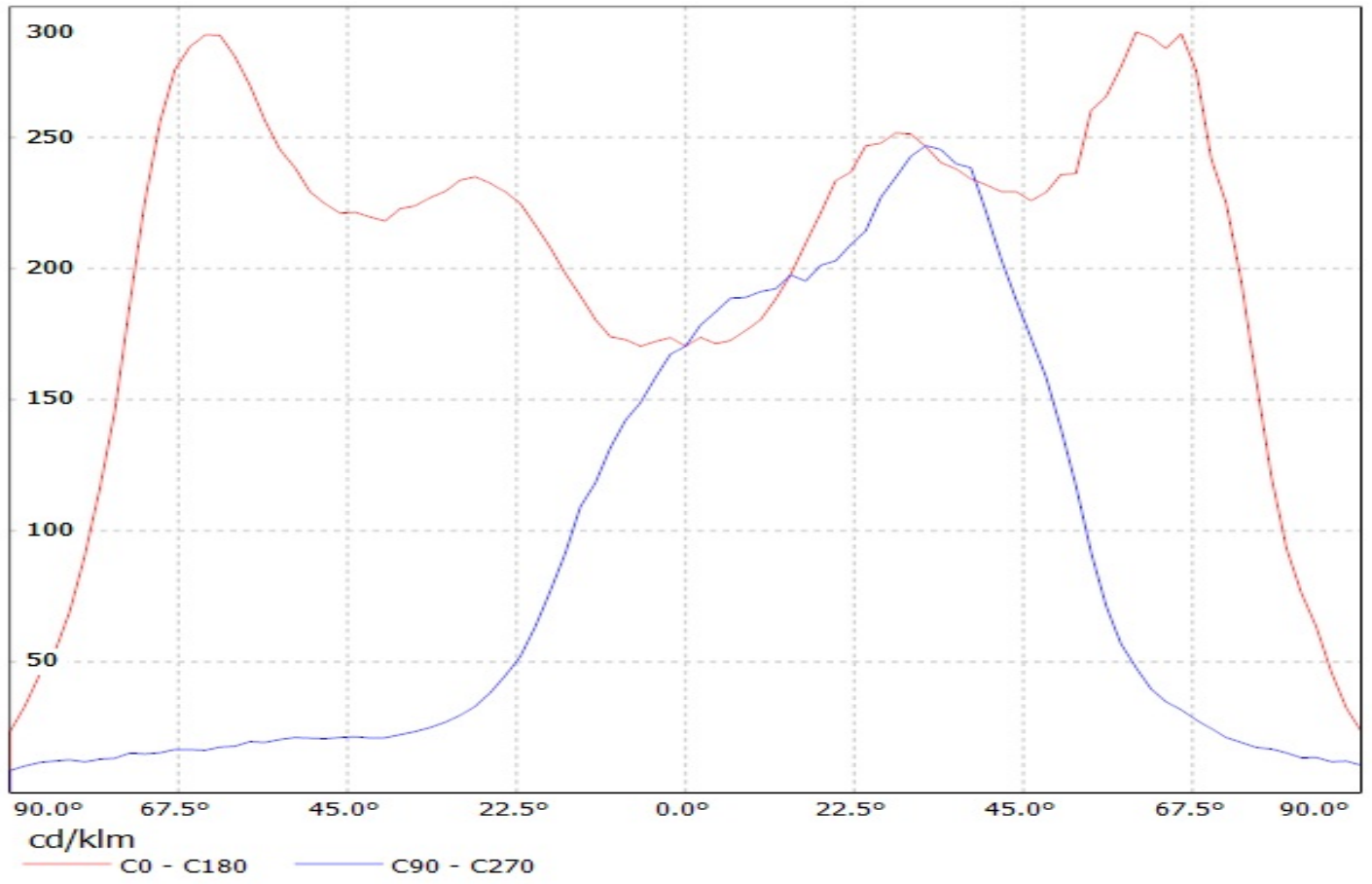
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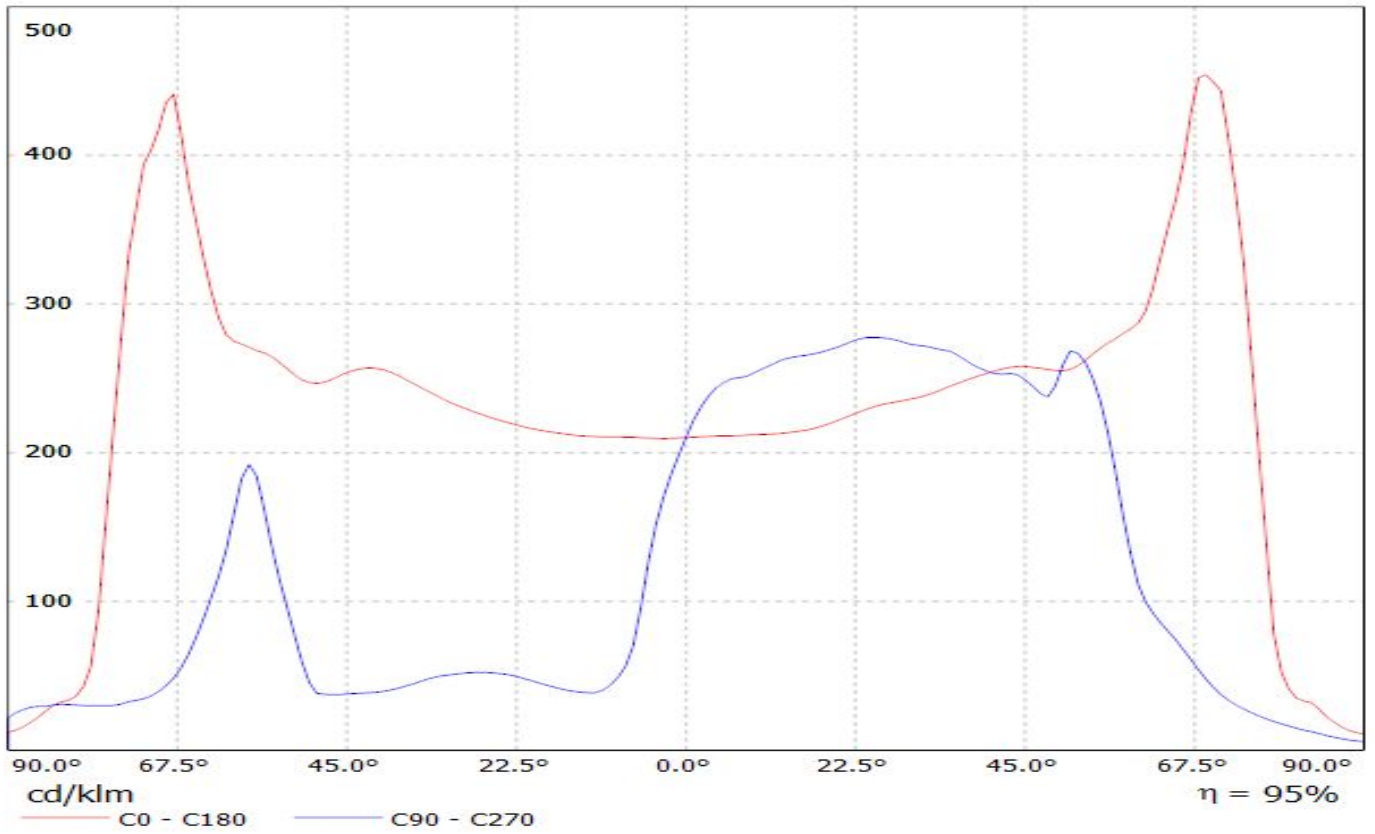
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Luminaire: Ledil Oy C12360_Strada-2x2-DNWW (XT-E) Efficiency=93%
Lamps: 1 x Cree XT-E 250mA 409lm

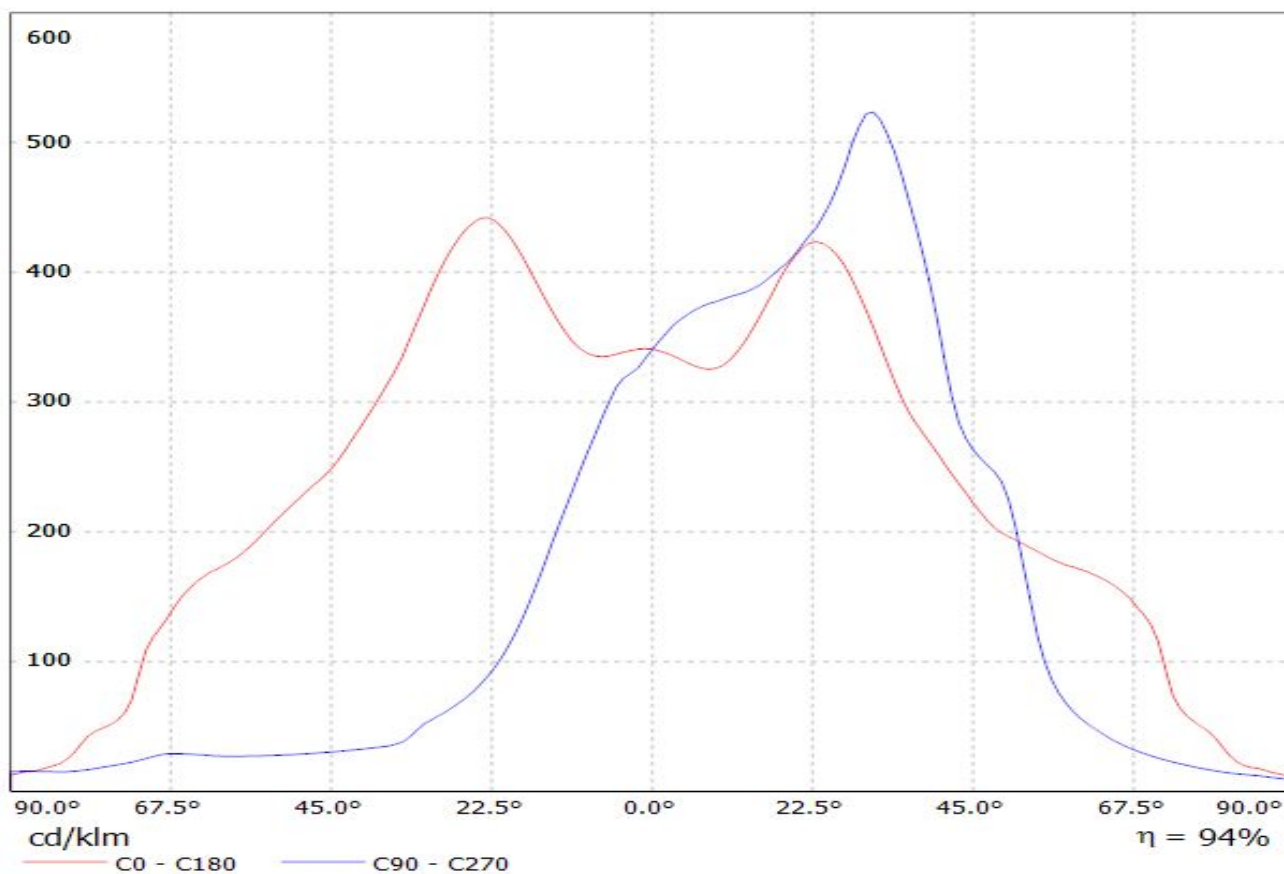


LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0%
Lamps: 1 x CREE_XT-E (390lm@250mA)



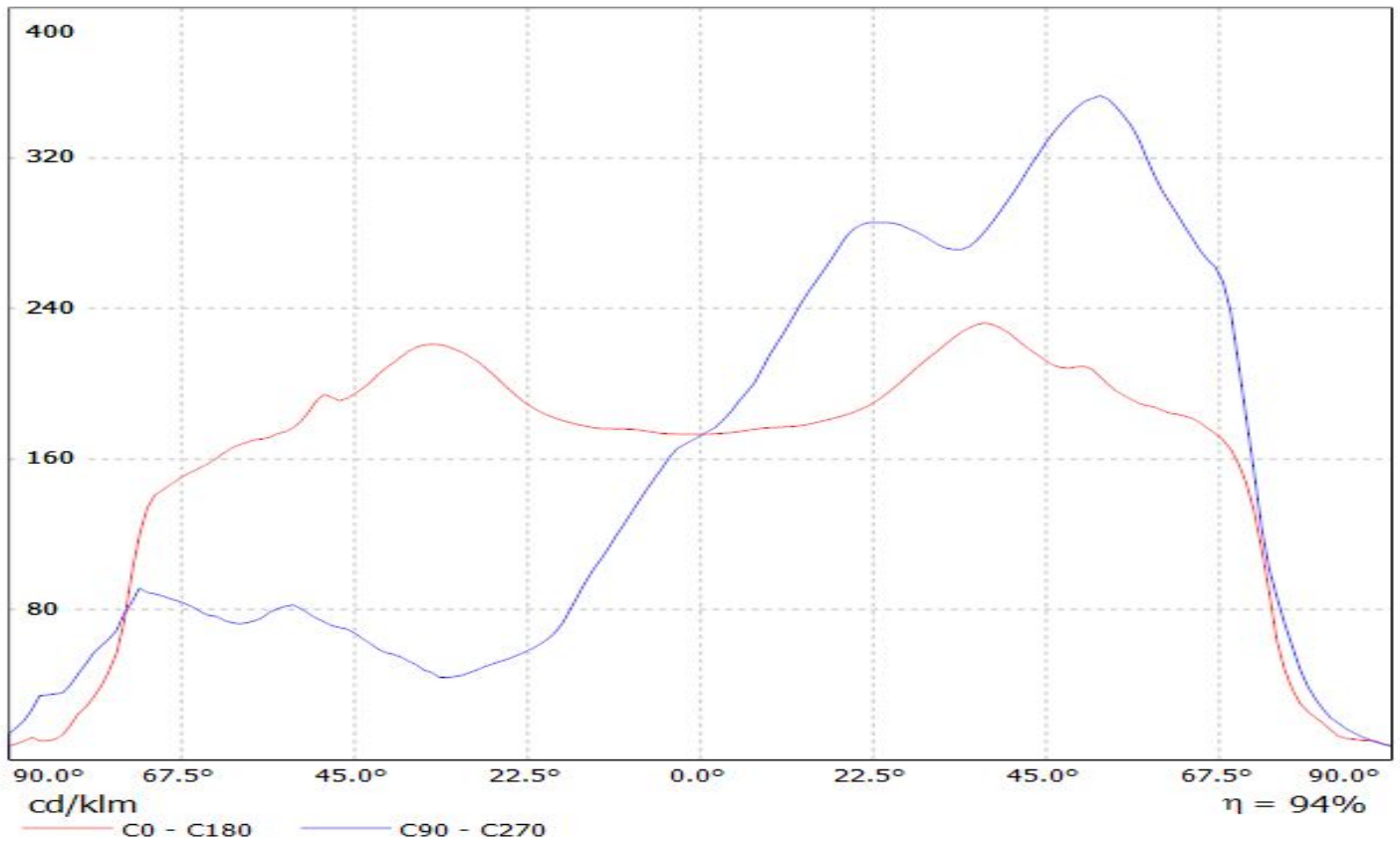
Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(XT-E) Eff. 94%
Lamps: 1 x CREE_XT-E_2x2_393lm@250mA



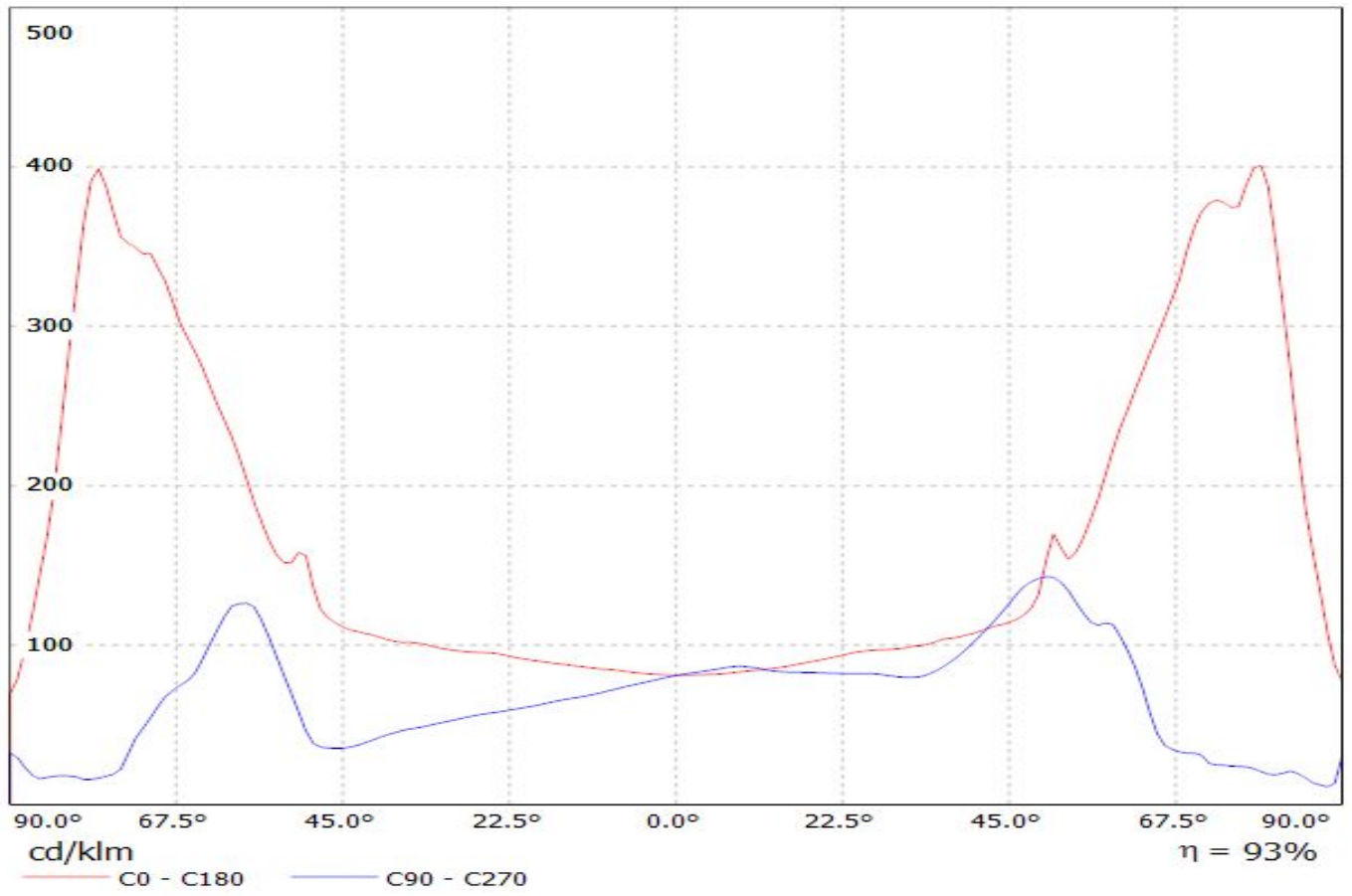
LEDiL Oy C13805_STRADA-2X2-T4_(XT-E) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13805_STRADA-2X2-T4_(XT-E) Eff.94.0%

Lamps: 1 x CREE_XT-E_2x2_381.369lm@250mA_CCT=5717K_P=2.9868W_I=249.9mA

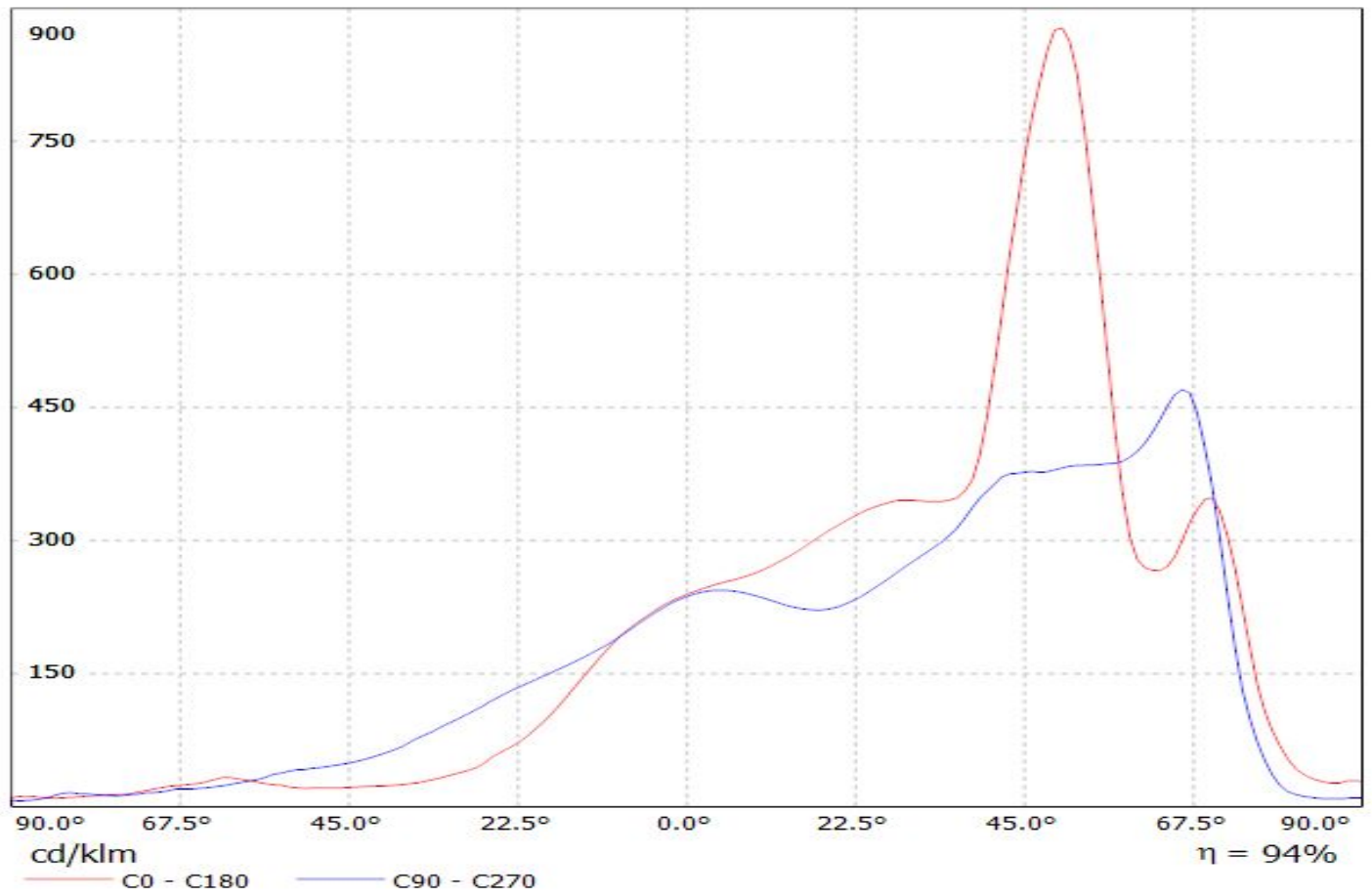


Luminaire: Ledil C13858_STRADA_2x2_XW_(XT-E)
Lamps: 1 x XT-E_429.235lm@250mA_P=8W_I=0.2499A

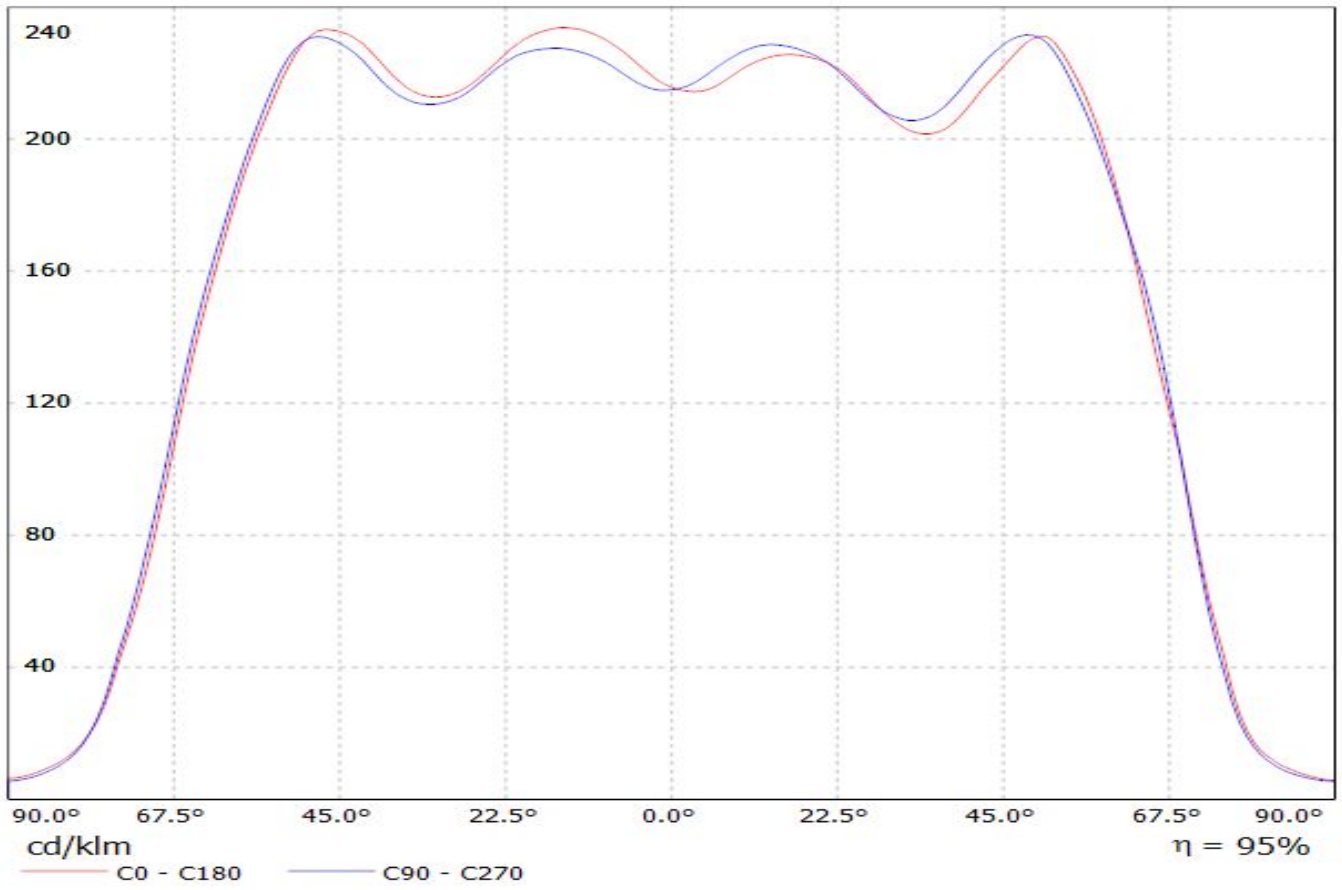


Luminaire: LEDiL Oy C14116_STRADA-2X2-PX_(XT-E)

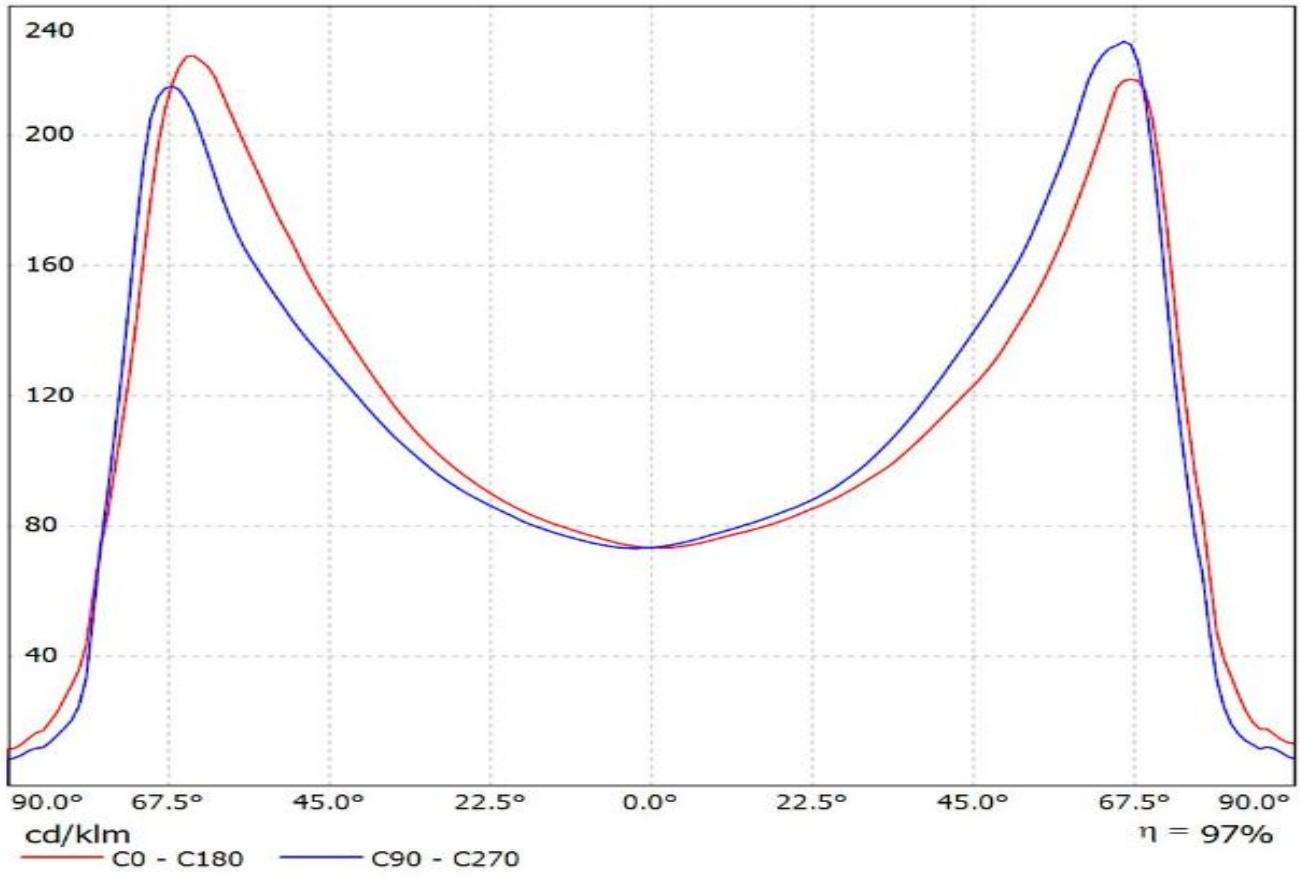
Lamps: 1 x CREE_XT-E_2x2_390.75lm@250mA_CCT=5717K_P=2.99855W_I=249.9mA



Luminaire: LEDiL Oy C13499_STRADA-2X2-CY_(XT-E) Eff.94%
Lamps: 1 x CREE_XT-E_2x2_393lm@250mA

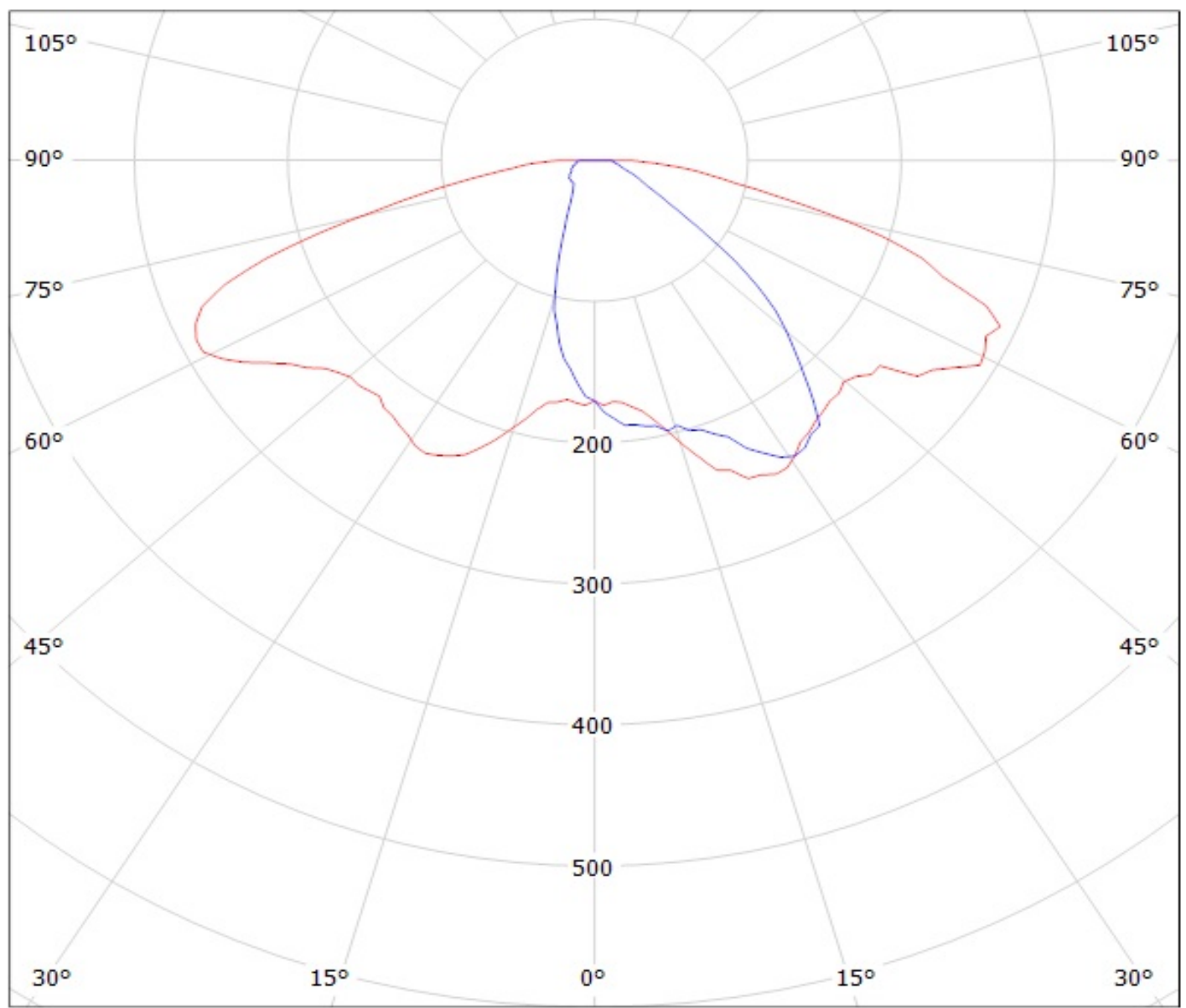


Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(XT-E)
Lamps: 1 x Cree_XT-E_(2x2)_382.256lm@250mA_P=2.98581W_I=0.2499A



Luminaire: Ledil Oy C12360_Strada-2x2-DNW (XT-E) Efficiency=93%

Lamps: 1 x Cree XT-E 250mA 409lm

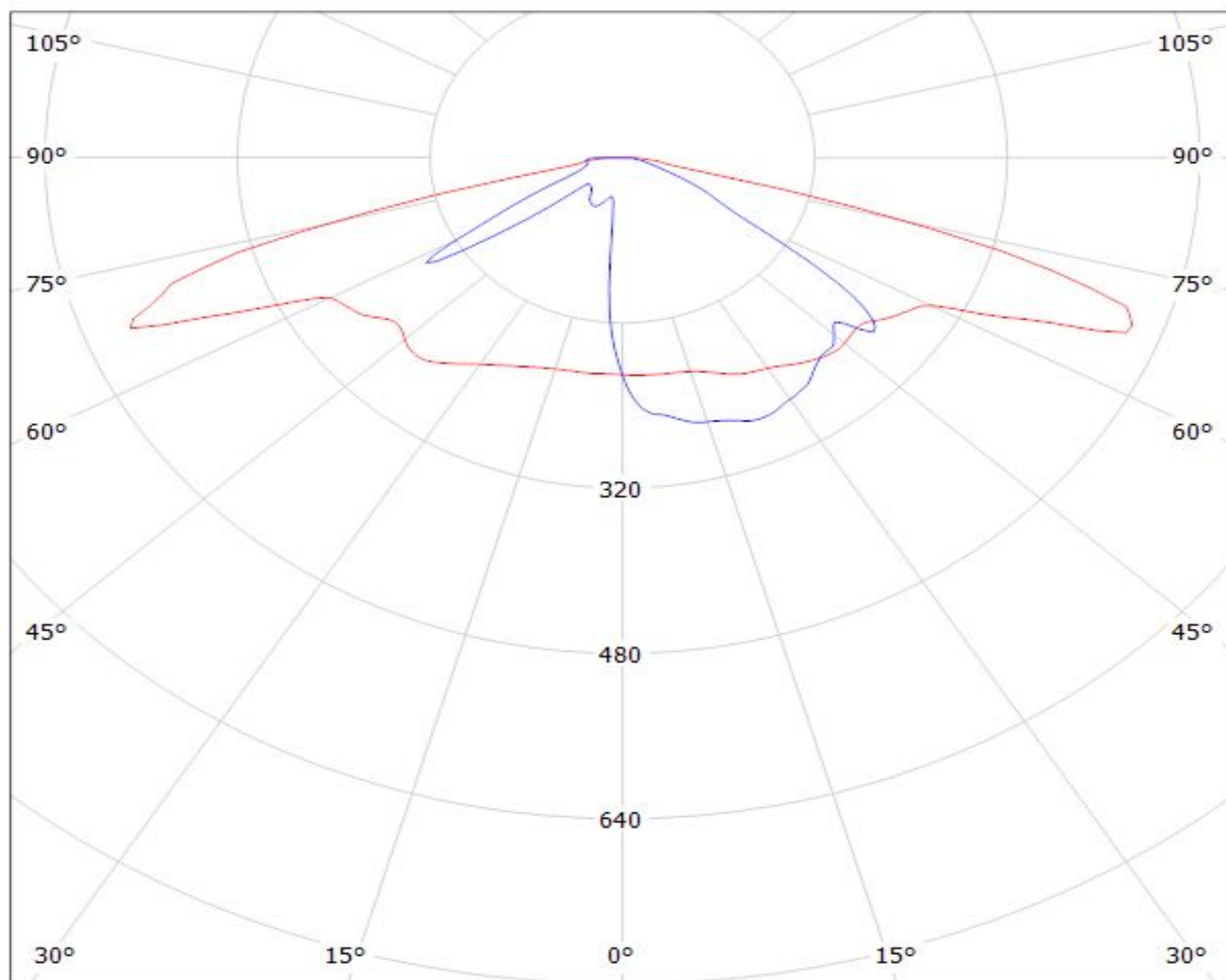


cd/klm
— C0 - C180 — C90 - C270

LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0%

Lamps: 1 x CREE_XT-E (390lm@250mA)



cd/klm

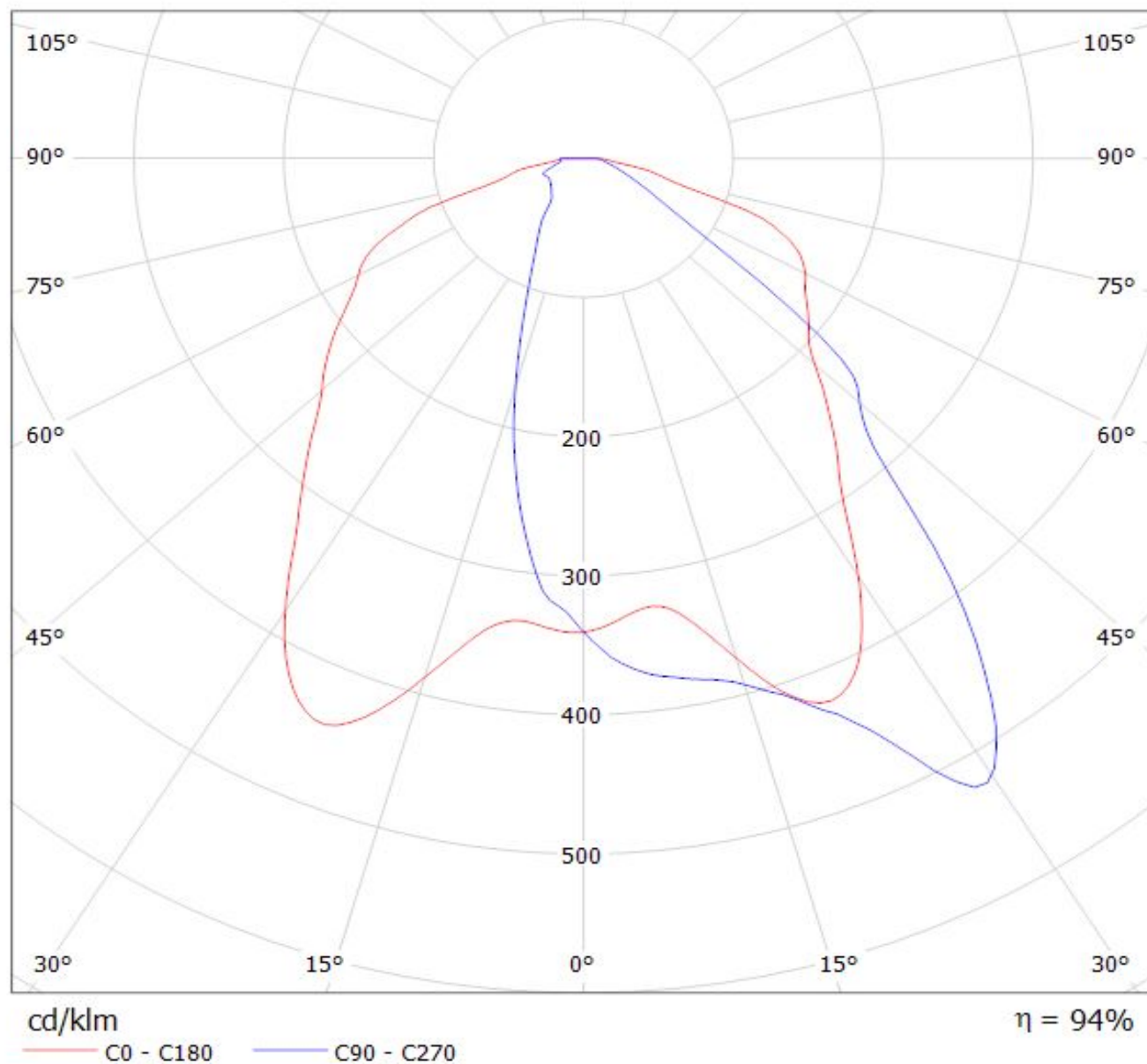
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(XT-E) Eff. 94%

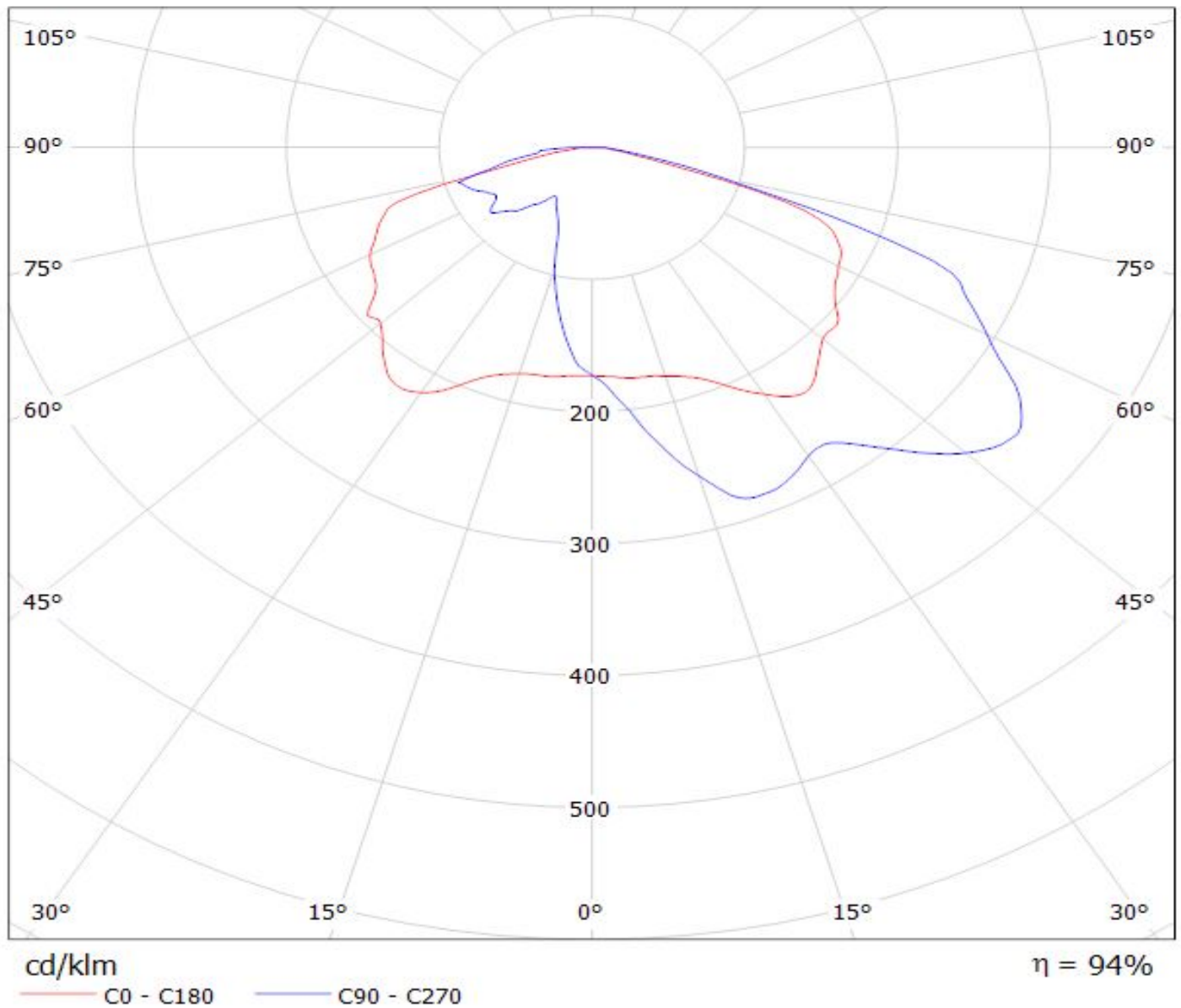
Lamps: 1 x CREE_XT-E_2x2_393lm@250mA



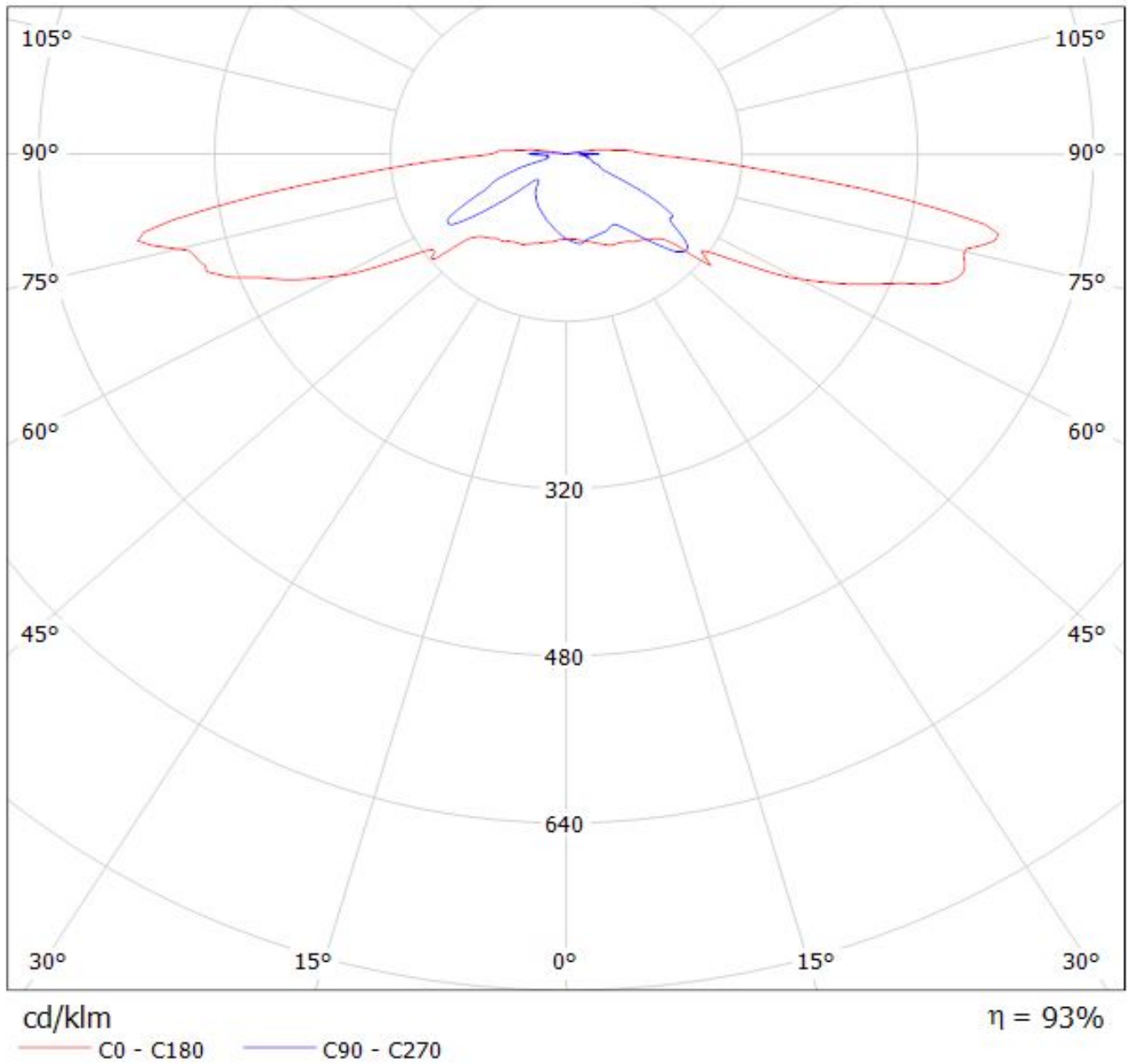
LEDiL Oy C13805_STRADA-2X2-T4_(XT-E) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13805_STRADA-2X2-T4_(XT-E) Eff.94.0%

Lamps: 1 x CREE_XT-E_2x2_381.369lm@250mA_CCT=5717K_P=2.9868W_I=249.9mA

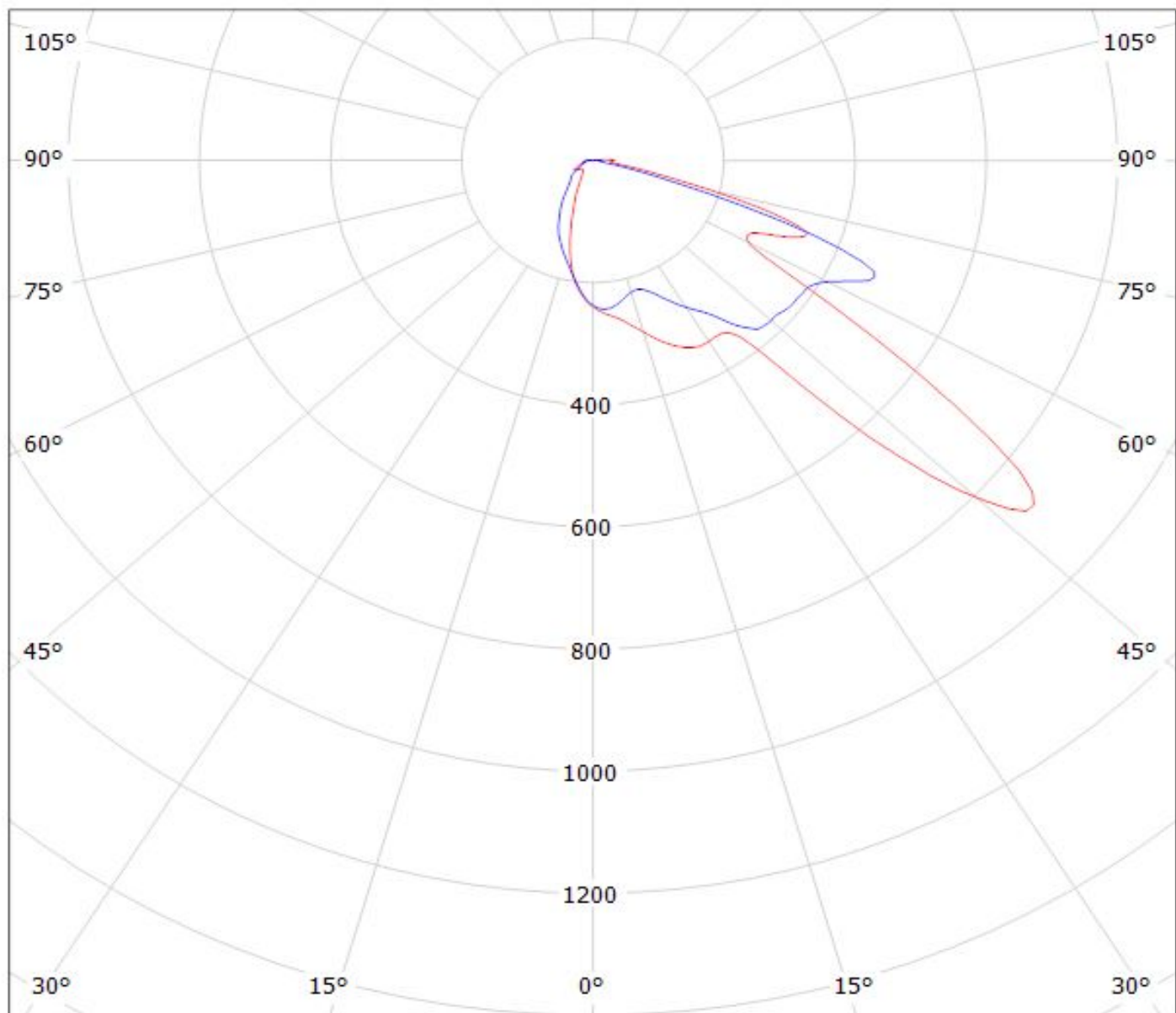


Luminaire: Ledil C13858_STRADA_2x2_XW_(XT-E)
Lamps: 1 x XT-E_429.235lm@250mA_P=8W_I=0.2499A



Luminaire: LEDiL Oy C14116_STRADA-2X2-PX_(XT-E)

Lamps: 1 x CREE_XT-E_2x2_390.75lm@250mA_CCT=5717K_P=2.99855W_I=249.9mA



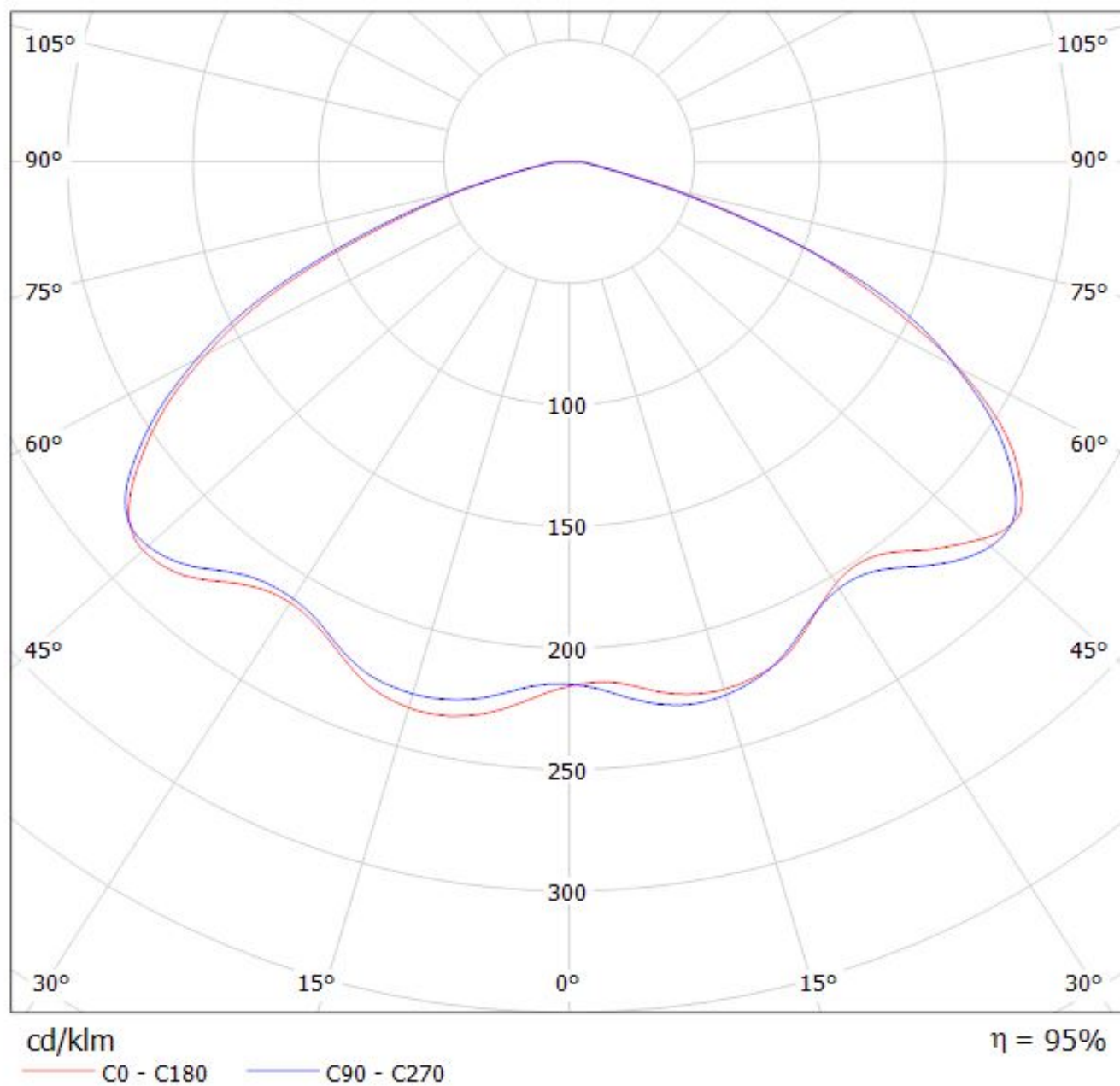
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C13499_STRADA-2X2-CY_(XT-E) Eff.94%
Lamps: 1 x CREE_XT-E_2x2_393lm@250mA



Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(XT-E)
Lamps: 1 x Cree_XT-E_(2x2)_382.256lm@250mA_P=2.98581W_I=0.2499A

