


**Product number CS12862\_STRADA-IP-2X6-DWC**

Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	0.540
Color	Clear	Gerber File	Available
Diameter	173x71.4 mm	Silicone sealed wide asymmetric street light array for road widths that are approximately 1 mounting height unit. <a href="http://www.ledil.com/lett/application_engineering/6ad92a-AN%20Strada-IP2X6%20Installation%20guide%20041214.pdf">Assembly guide</a>	
Height	7.92 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "screw"]		
Status	Production ready		

**Product number CS14055\_STRADA-IP-2X6-T2**

Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	1.000
Color	Clear	Gerber File	Available
Diameter	71.4x173 mm	Silicone sealed wide asymmetric street light array for road widths that are approximately 1 mounting height unit. <a href="http://www.ledil.com/lett/application_engineering/6ad92a-AN%20Strada-IP2X6%20Installation%20guide%20041214.pdf">Assembly guide</a>	
Height	9.17 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Production ready		

**Product number CS14143\_STRADA-IP-2X6-T3**

Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	0.600
Color	Clear	Gerber File	Available
Diameter	71.4x173 mm		
Height	8.5 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

**Product number CS14144\_STRADA-IP-2X6-ME**

Family	Strada-IP	FWHM	asymmetric degrees
Type	Assembly	Efficiency	93 %
LED	XT-E	cd/lm	0.823
Color	White	Gerber File	Available
Diameter	71.4x173 mm		
Height	8.42 mm		
Style	Rectang		
Optic Material	-		
Holder Material	-		
Fastening	-		
Status	Production ready		




**Product number CS14145\_STRADA-IP-2X6-DWC-90**

Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	0.514
Color	White	Gerber File	Available
Diameter	71.4x173 mm	Differing from other lenses, the CS14145_STRADA-IP-2X6-DWC-90 module needs countersunk screws of type M3 (DIN 965) for fastening the PCB to heatsink.	
Height	8.98 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		


**Product number CS15158\_STRADA-IP-2X6-T4-B**

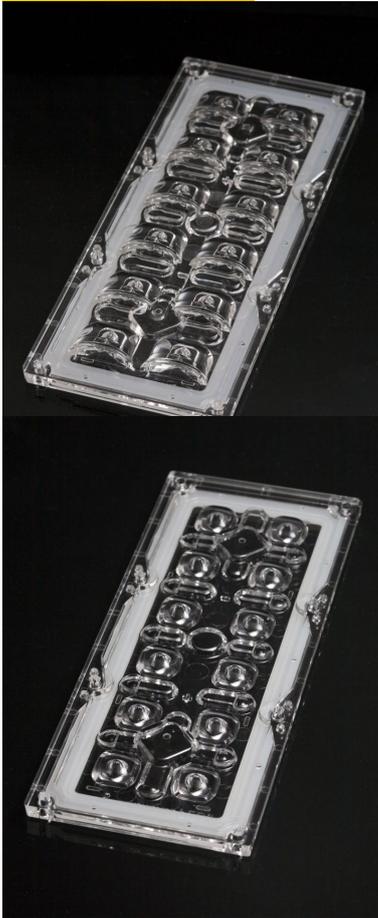
Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	93 %
LED	XT-E	cd/lm	0.930
Color	Clear	Gerber File	Available
Diameter	71.4x173 mm		
Height	10.57 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		


**Product number CS15362\_STRADA-IP-2X6-T3-B**

Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	0.650
Color	Clear	Gerber File	Available
Diameter	71.4x173 mm		
Height	12.75 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		


**Product number CS15363\_STRADA-IP-2X6-T2-B**

Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	0.980
Color	Clear	Gerber File	Available
Diameter	71.4x173 mm		
Height	12.03 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		


**Product number CS15418\_STRADA-IP-2X6-SCL**

Family	Strada-IP	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	0.620
Color	Clear	Gerber File	Available
Diameter	173x71.4 mm		
Height	9.6 mm		
Style	Rectang		
Optic Material	-		
Holder Material	-		
Fastening	-		
Status	Production ready		

**Product number CS15020\_STRADA-IP-2X6-VSM**

Family	Strada-IP	FWHM	142 degrees
Type	Assembly	Efficiency	94 %
LED	XT-E	cd/lm	0.470
Color	Clear	Gerber File	Available
Diameter	173 + 71.4 mm		
Height	9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Production ready		

**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-IP series

last update 8/9/2016

### GENERAL INFORMATION

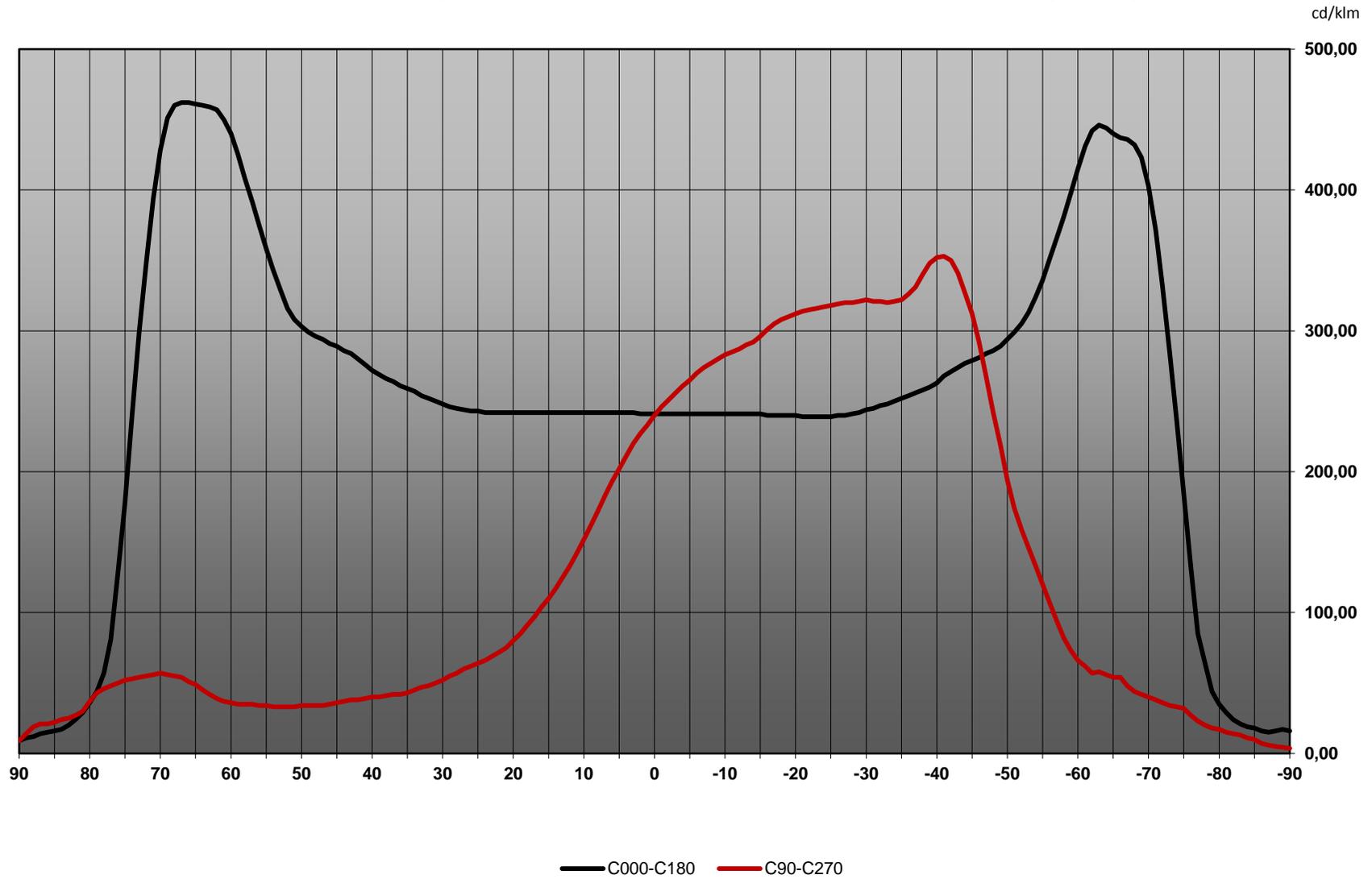
- Product series especially designed & optimized for XT-E series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

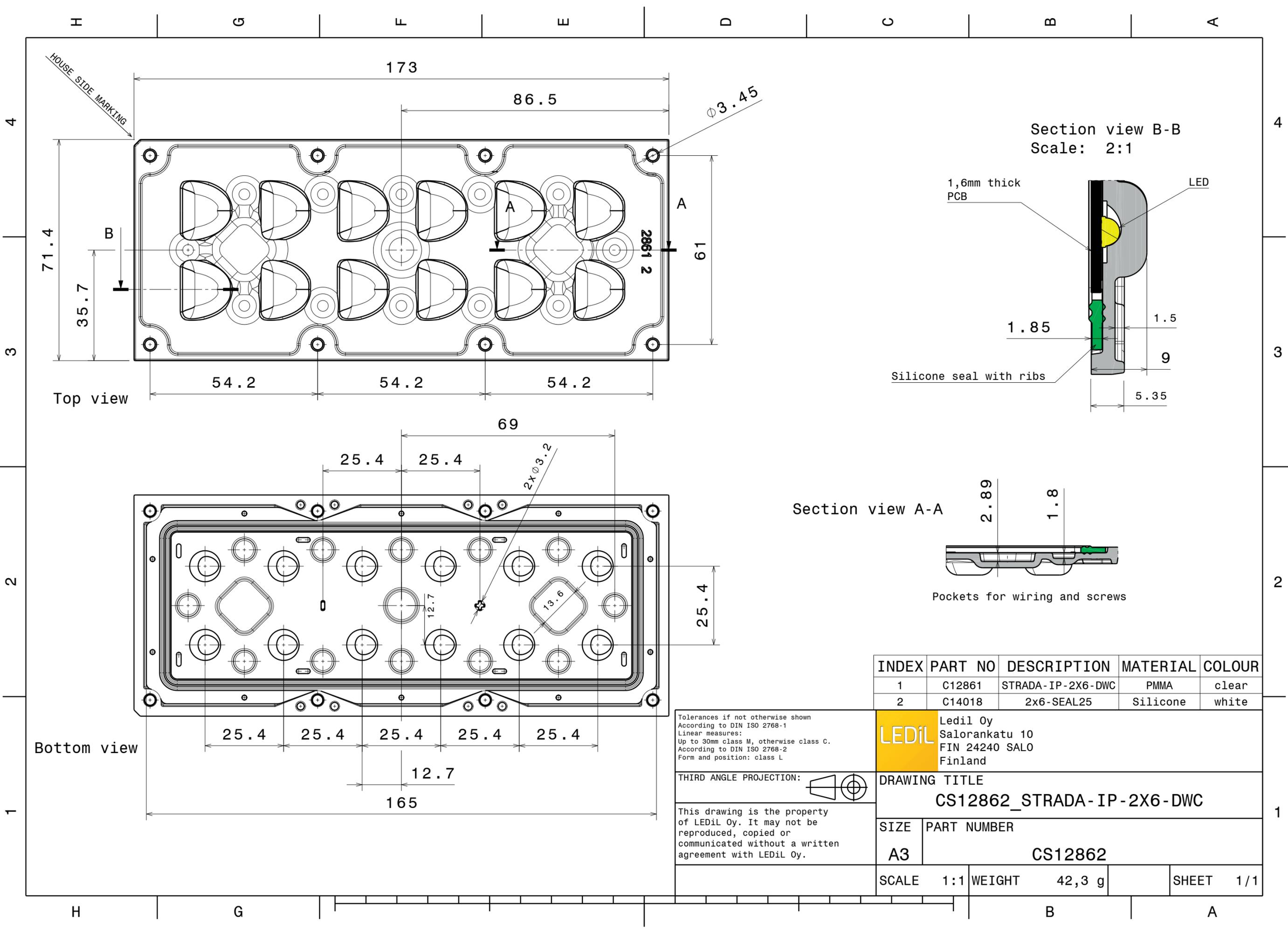
Please find more information about used material from below:

[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%20UL94_Yellow%20Card.pdf)

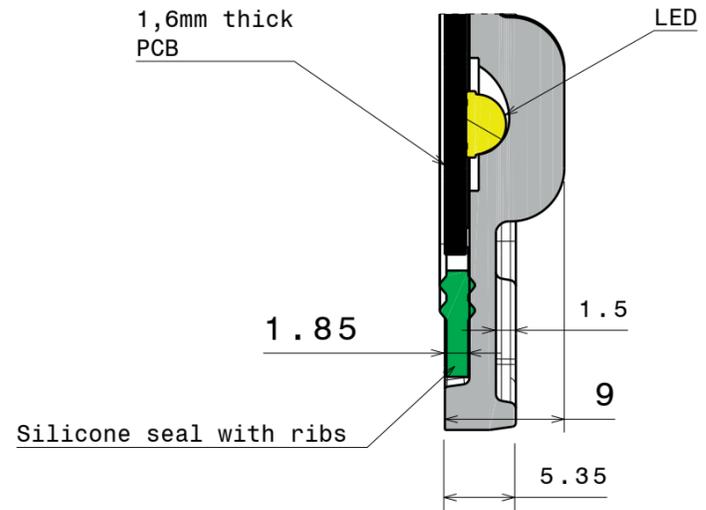
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

# Absolute intensity of CS12862\_STRADA-IP-2X6-DWC\_(XT-E)

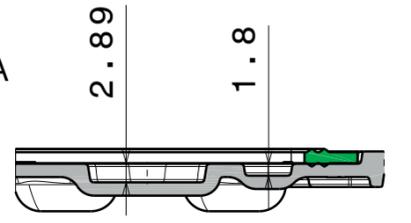




Section view B-B  
Scale: 2:1



Section view A-A



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12861	STRADA-IP-2X6-DWC	PMMA	clear
2	C14018	2x6-SEAL25	Silicone	white

**LEDiL** Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

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

THIRD ANGLE PROJECTION:

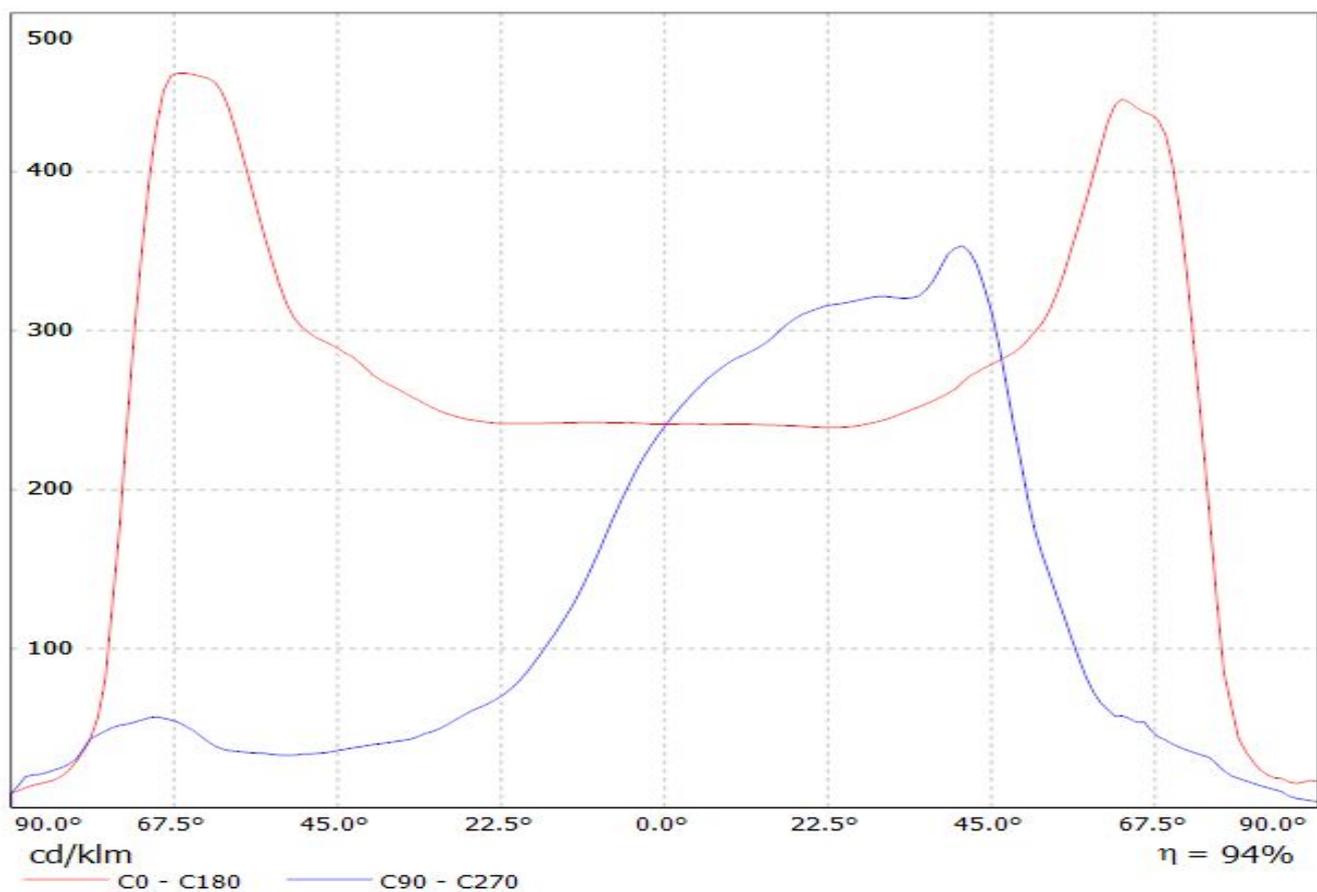
DRAWING TITLE  
**CS12862\_STRADA-IP-2X6-DWC**

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE PART NUMBER  
**A3 CS12862**

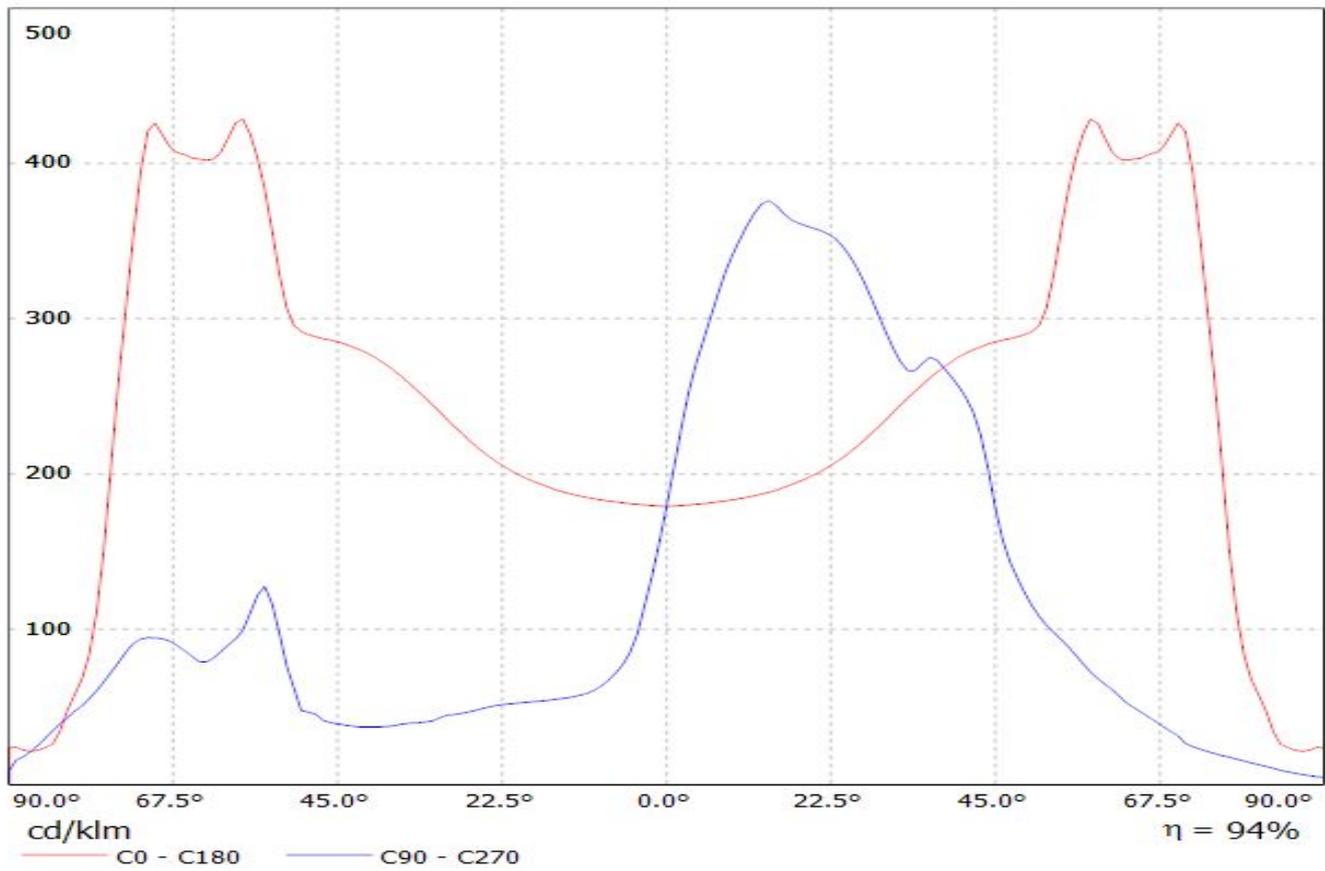
SCALE 1:1 WEIGHT 42,3 g SHEET 1/1

Luminaire: LEDIL OY CS12862\_STRADA-IP-2X6-DWC\_(XT-E) Eff.94.4%  
Lamps: 1 x Cree XT-E (1188lm@250mA)



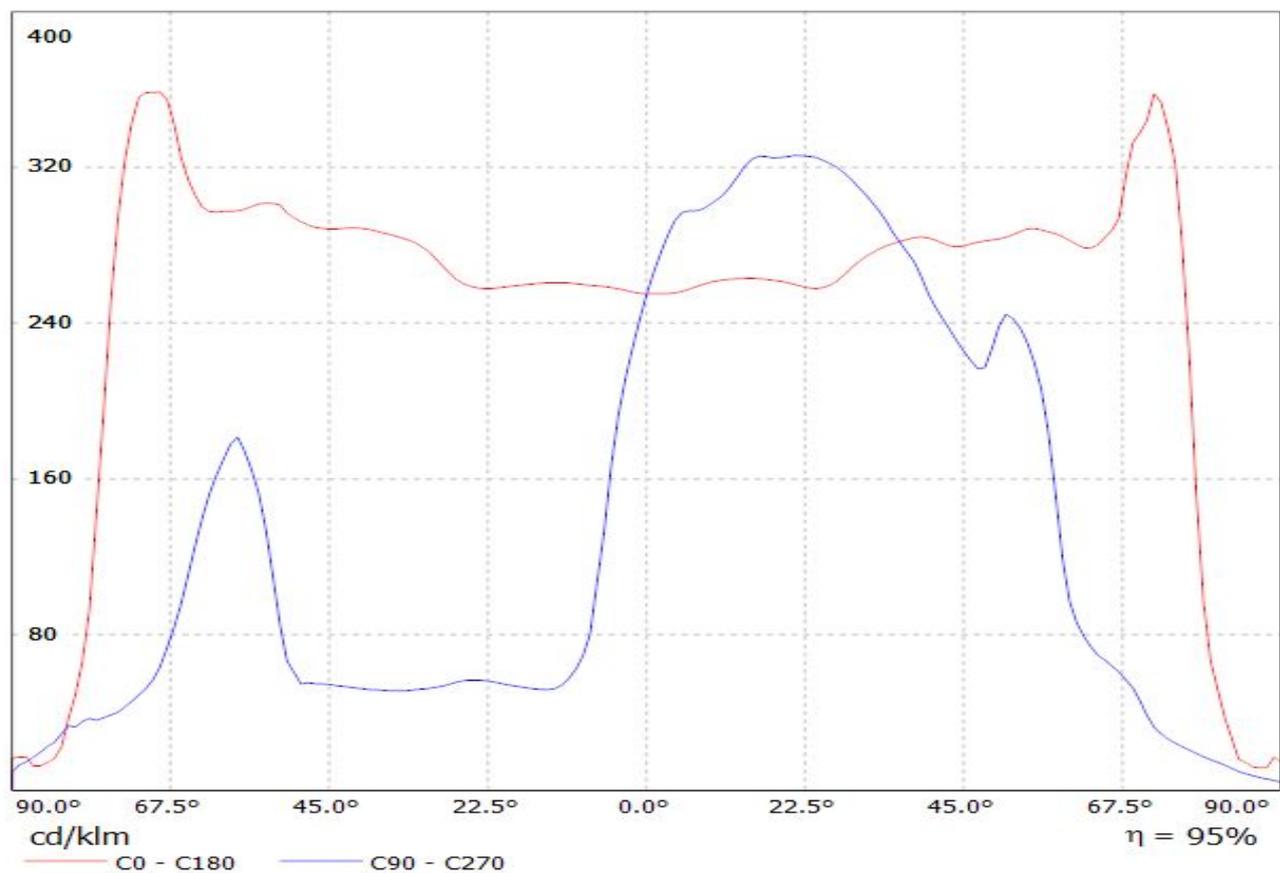
Luminaire: LEDiL Oy CS14055\_STRADA-IP-2X6-T2\_(XT-E)

Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1265.91lm@250mA\_P=8.86191W\_I=249.8mA

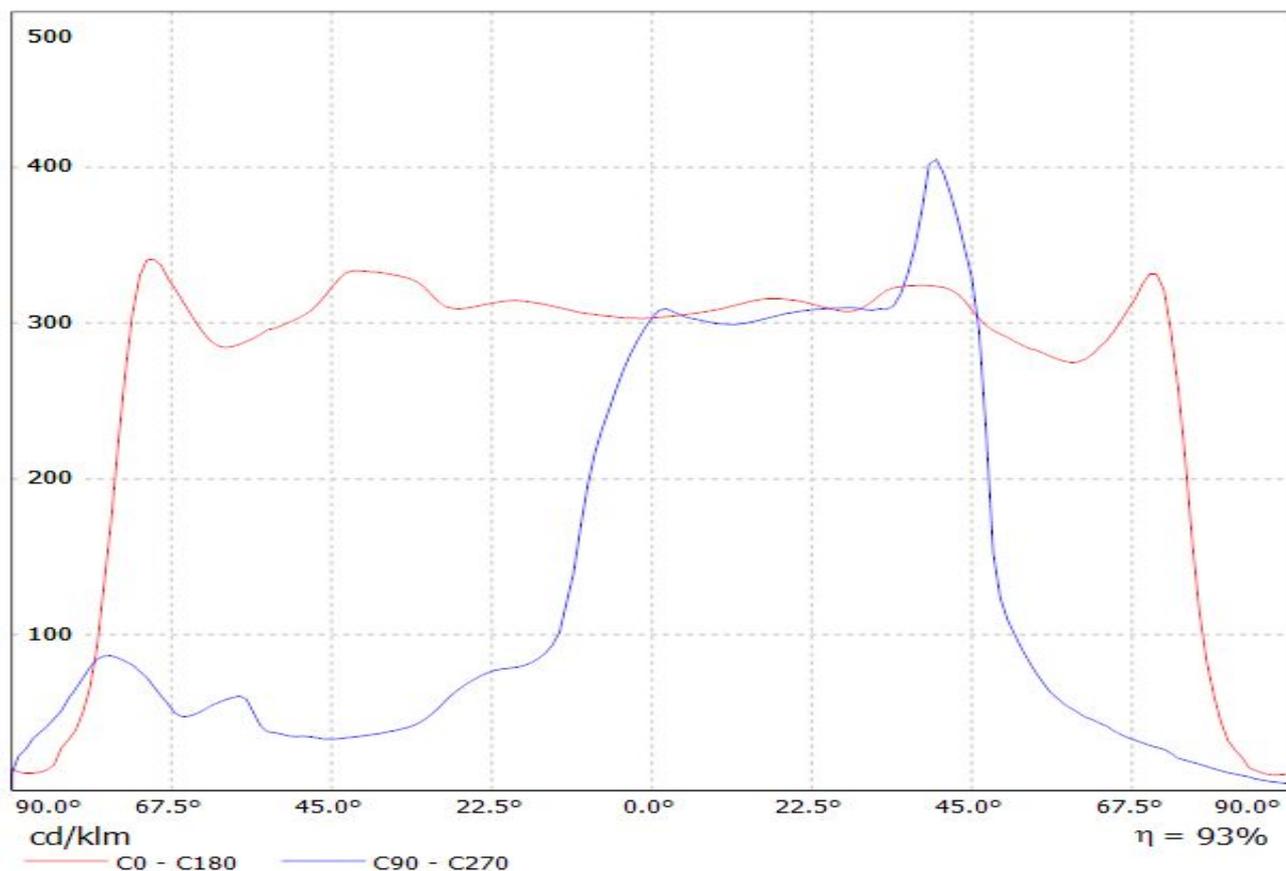


Luminaire: LEDiL Oy CS14143\_STRADA-IP-2X6-T3

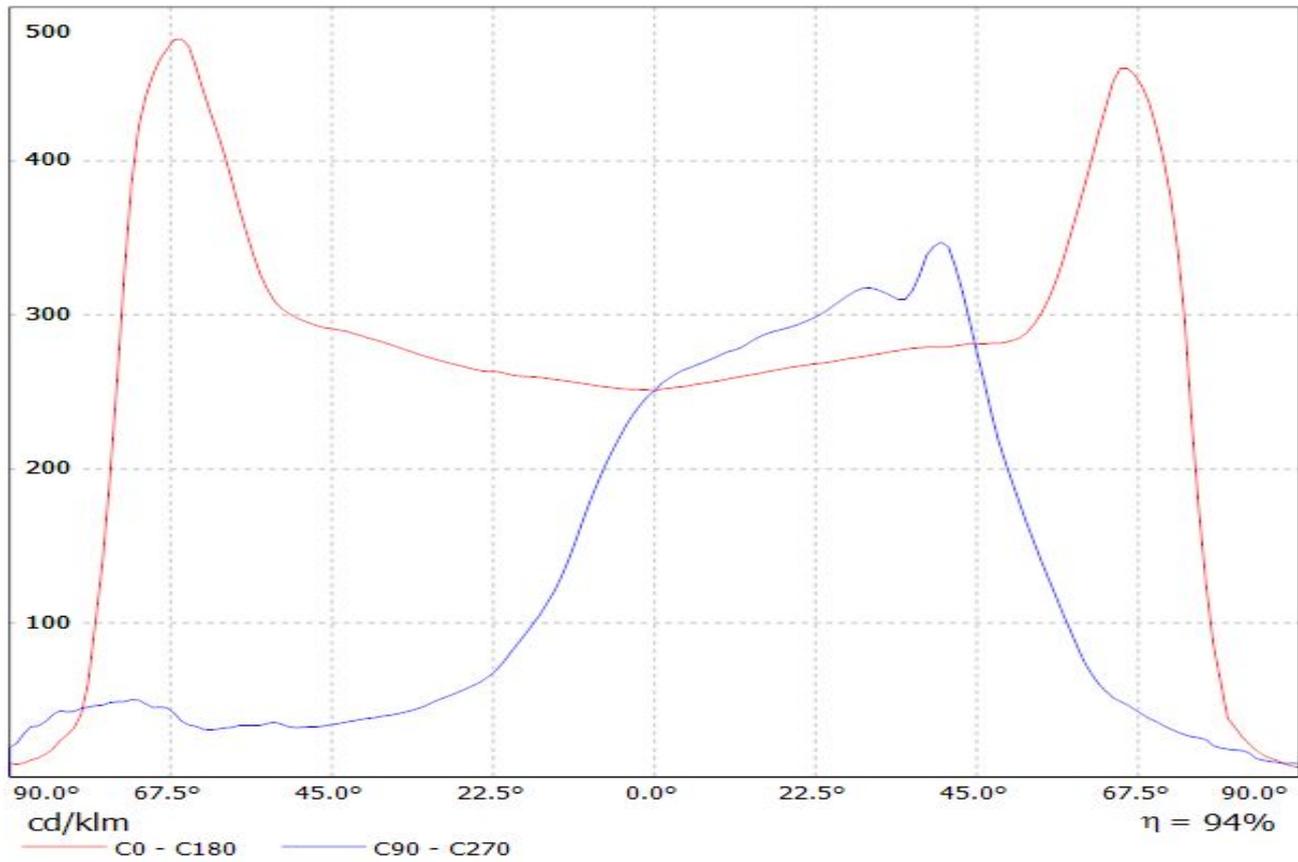
Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.92lm@250mA\_P=8.86265W\_I=249.8mA



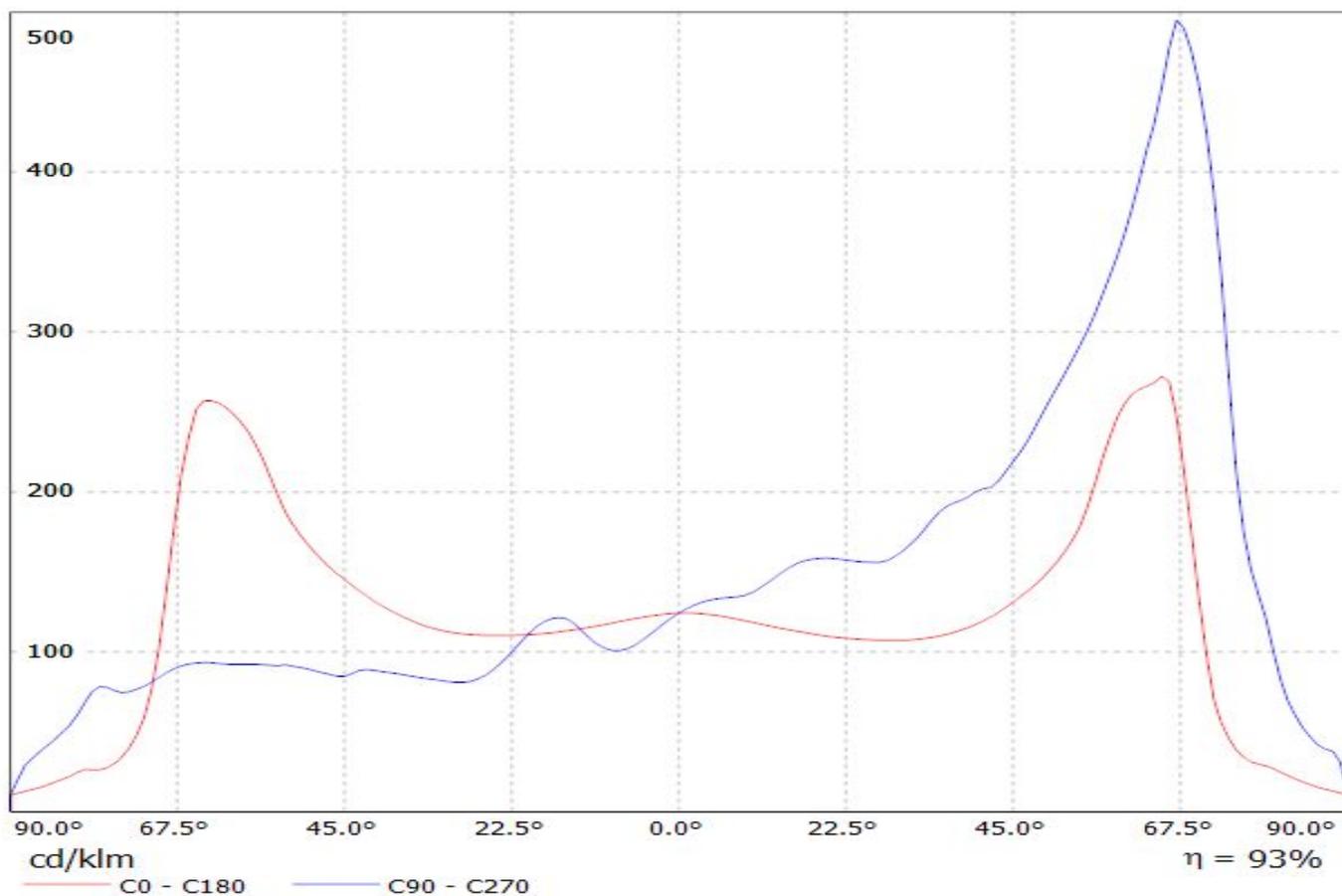
Luminaire: LEDiL Oy CS14144\_STRADA-IP-2X6-ME\_(XT-E)\_02 Eff.92.8%  
Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.02lm@250mA\_P=8.85391W\_I=249.8mA



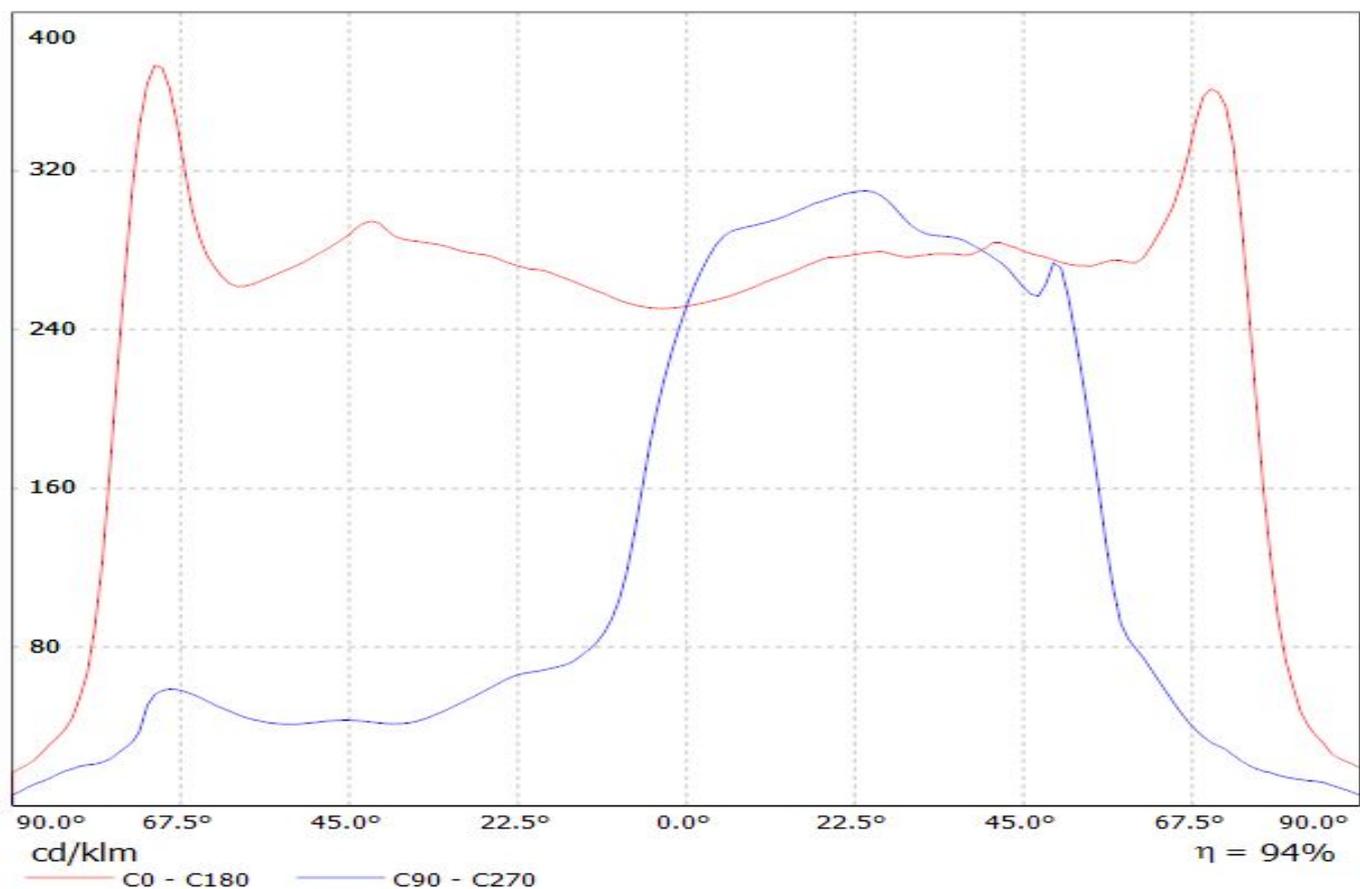
Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XT-E) Eff.94.2%  
Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.02lm@250mA\_P=8.85391W\_I=249.8mA



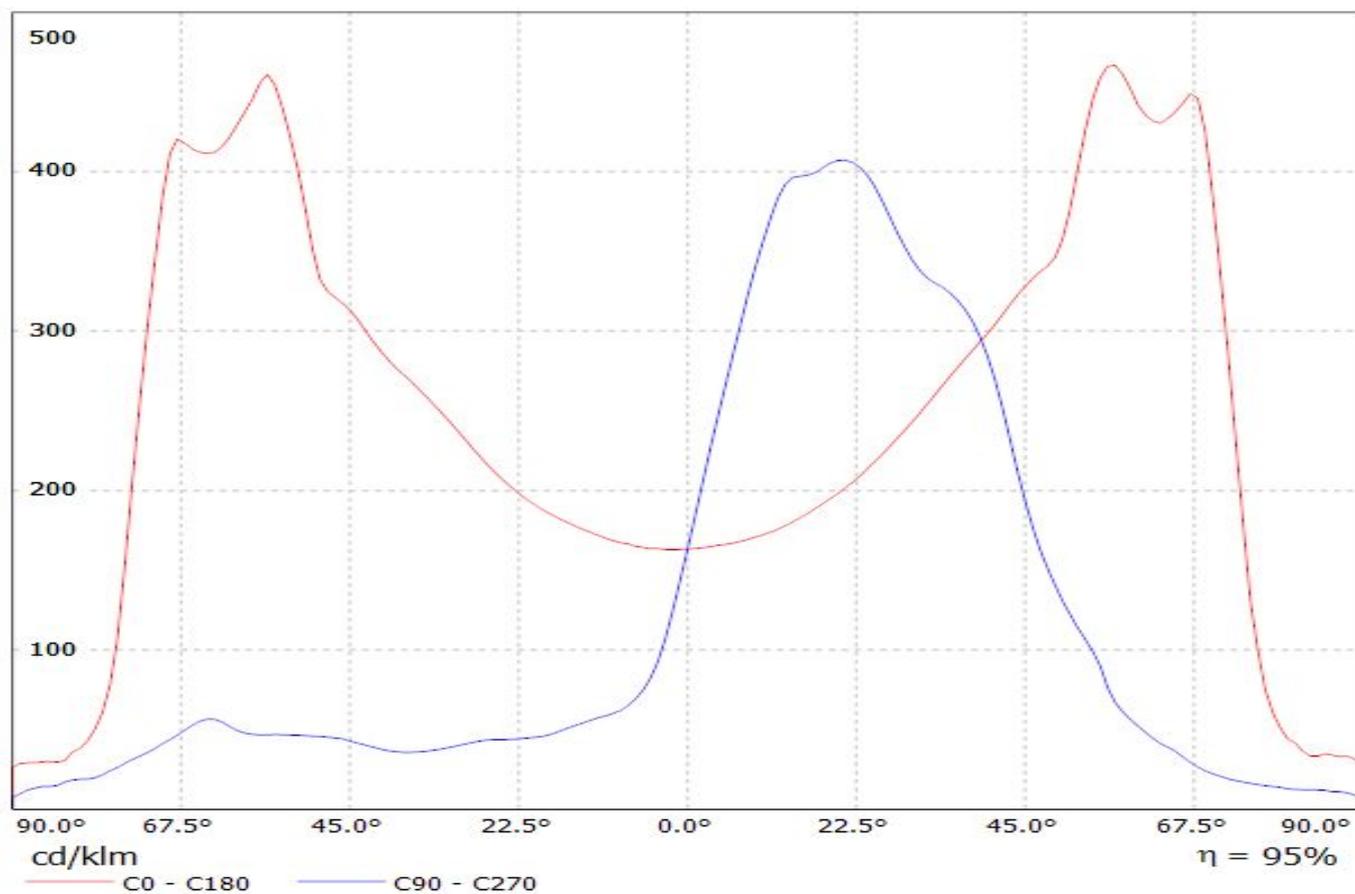
Luminaire: Ledil CS15158\_STRADA-IP-2X6-T4-B\_(XT-E)  
Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A



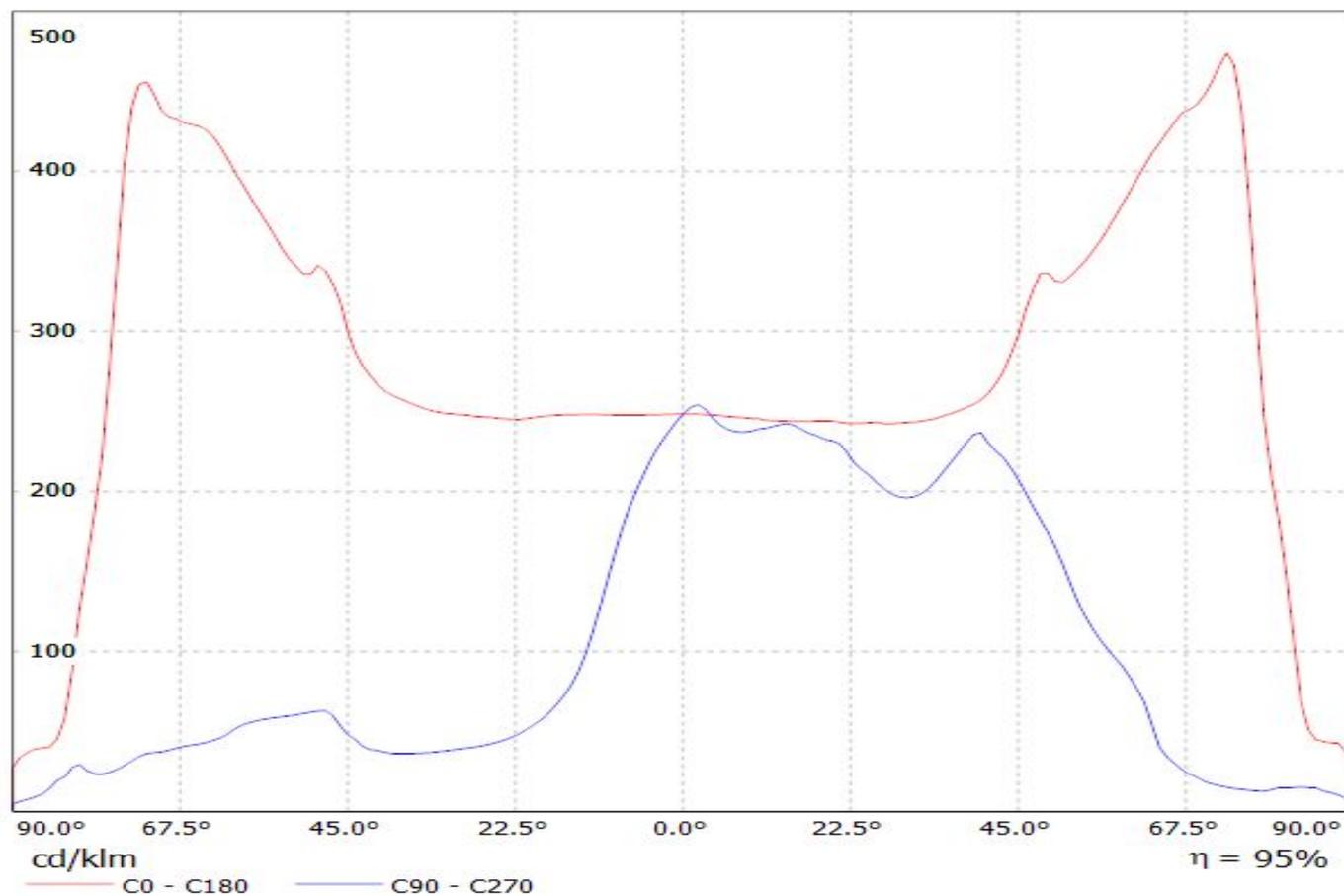
Luminaire: Ledil CS15362\_STRADA-IP-2X6-T3-B\_(XT-E)  
Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A



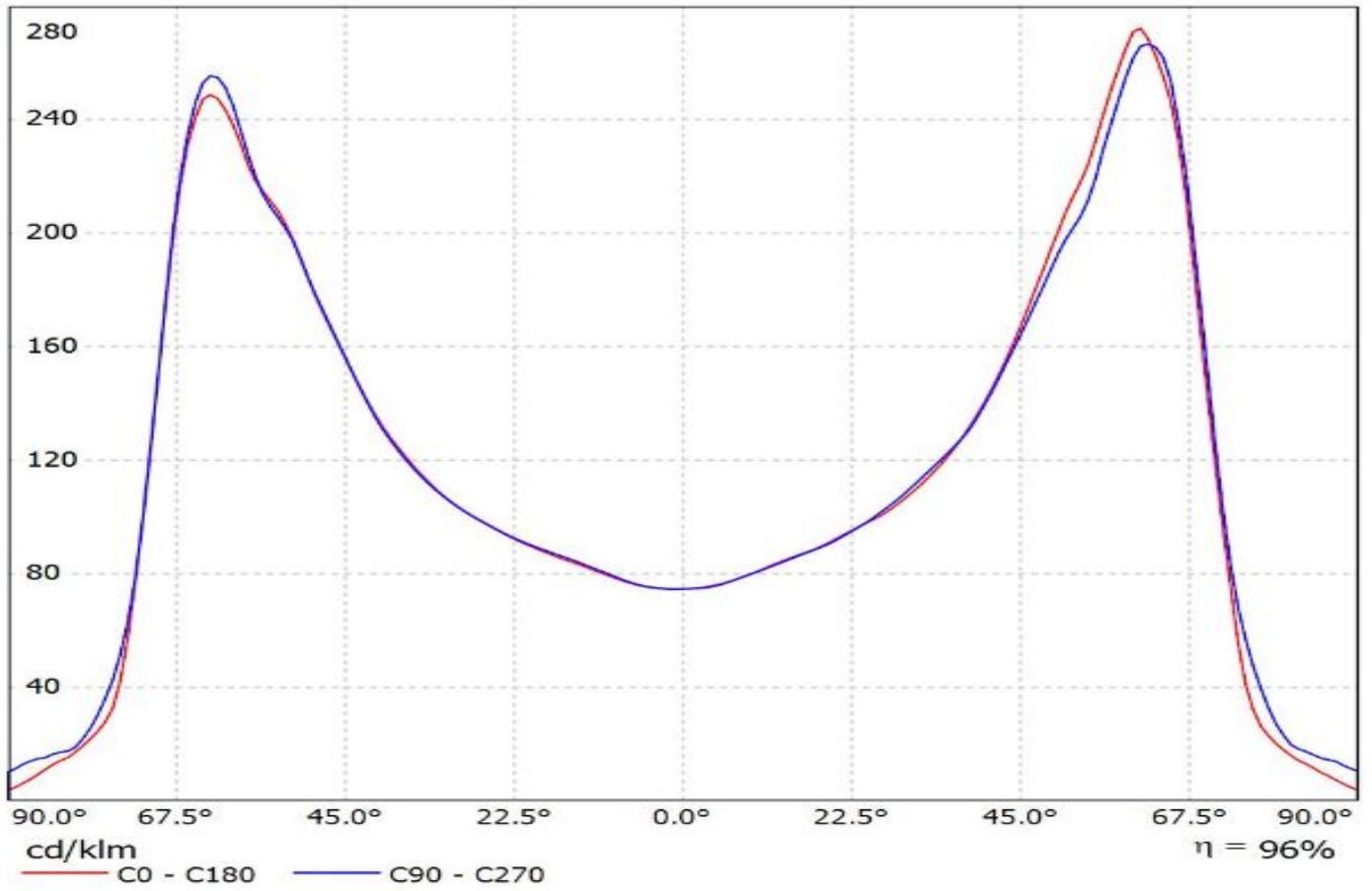
Luminaire: Ledil CS15363\_STRADA-IP-2X6-T2-B\_(XT-E)  
Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A



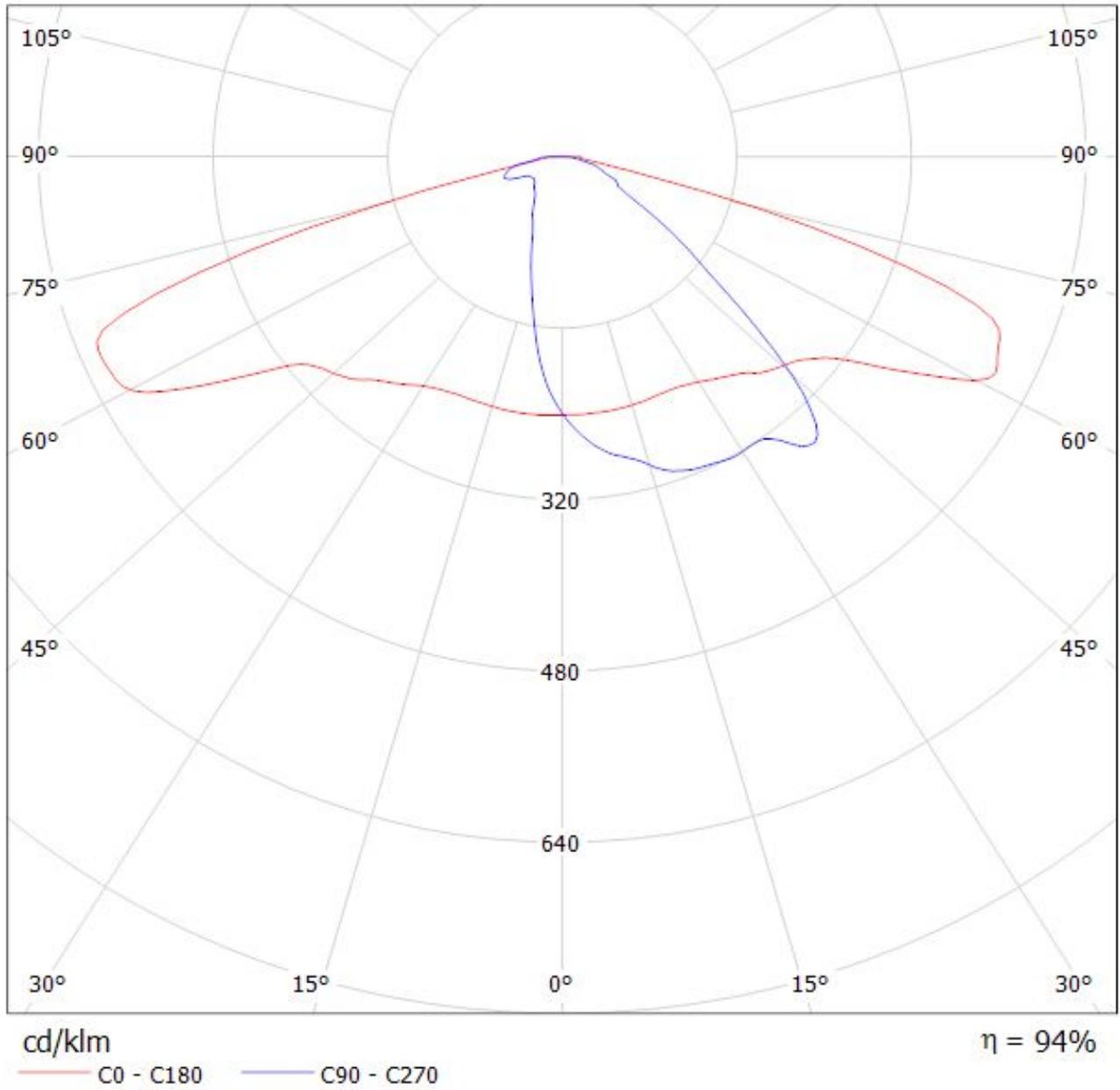
Luminaire: Ledil CS15418\_STRADA-IP-2X6-SCL\_(XT-E)  
Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A



Luminaire: Ledil C15019\_STRADA-IP-2X6-VSM\_(XT-E)\_C4  
Lamps: 1 x Cree\_XT-E\_1286.95lm@250mA\_P=8.9200W\_I=0.25A

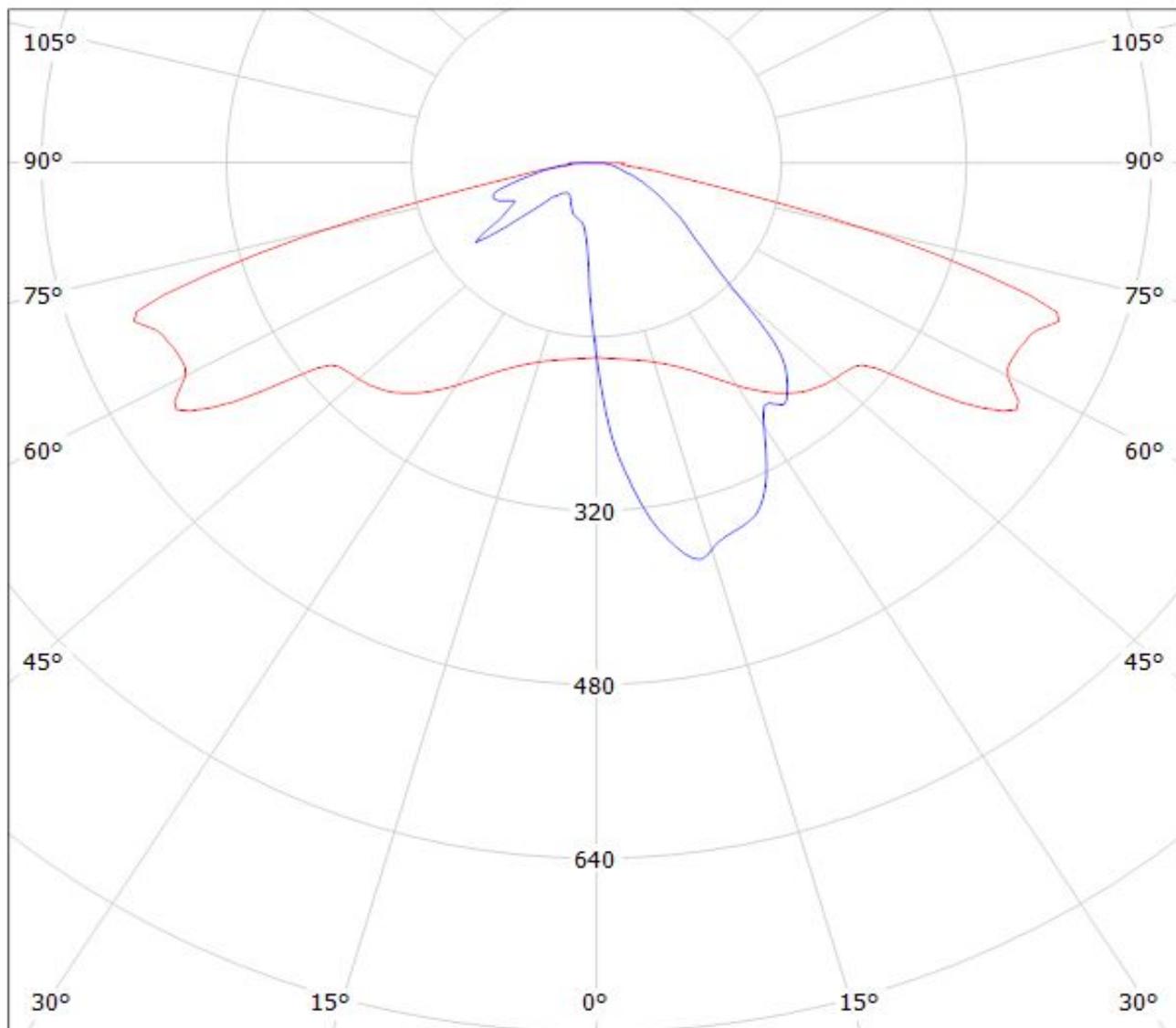


Luminaire: LEDIL OY CS12862\_STRADA-IP-2X6-DWC\_(XT-E) Eff.94.4%  
Lamps: 1 x Cree XT-E (1188lm@250mA)



Luminaire: LEDiL Oy CS14055\_STRADA-IP-2X6-T2\_(XT-E)

Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1265.91lm@250mA\_P=8.86191W\_I=249.8mA



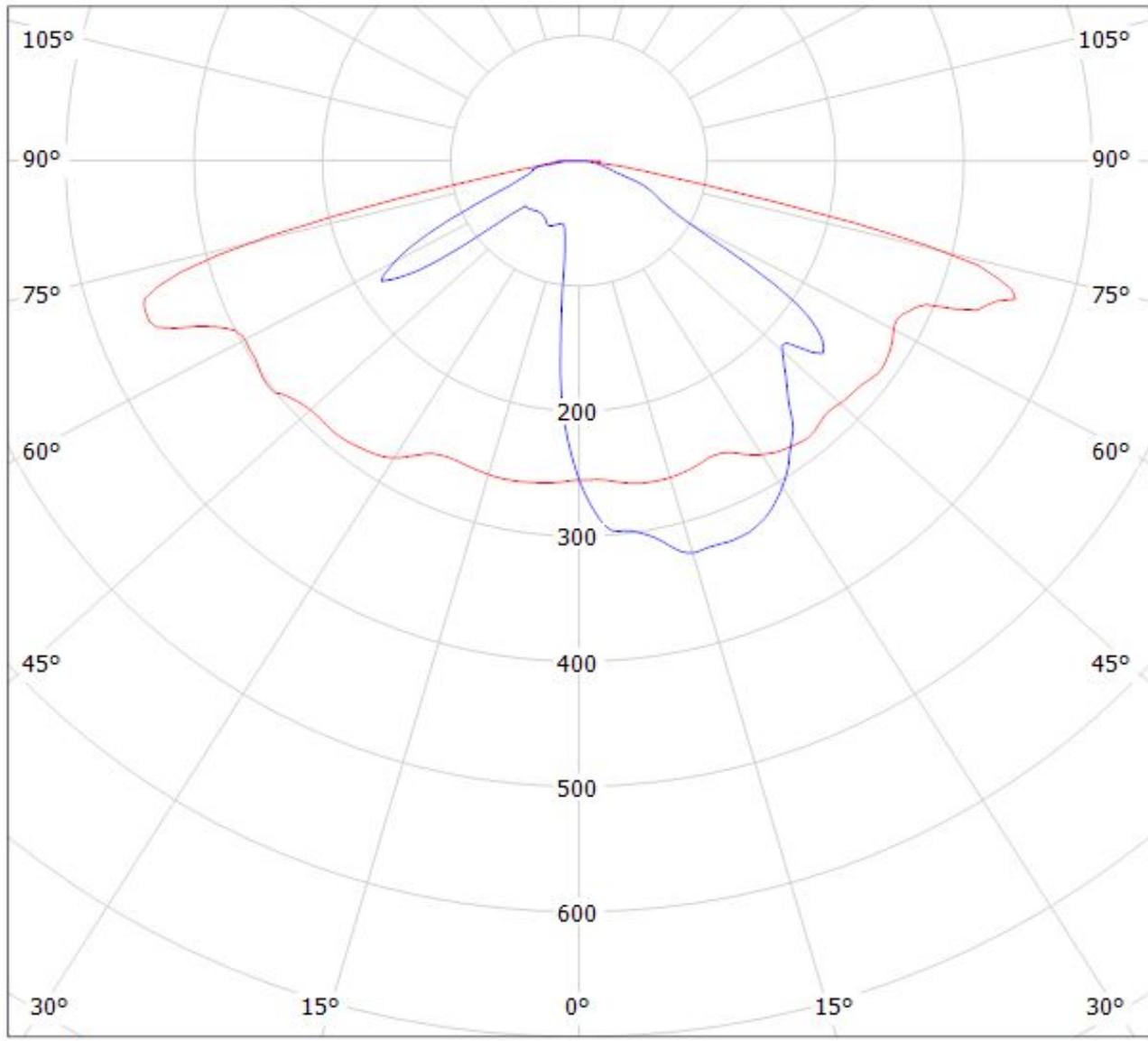
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CS14143\_STRADA-IP-2X6-T3

Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.92lm@250mA\_P=8.86265W\_I=249.8mA



cd/klm

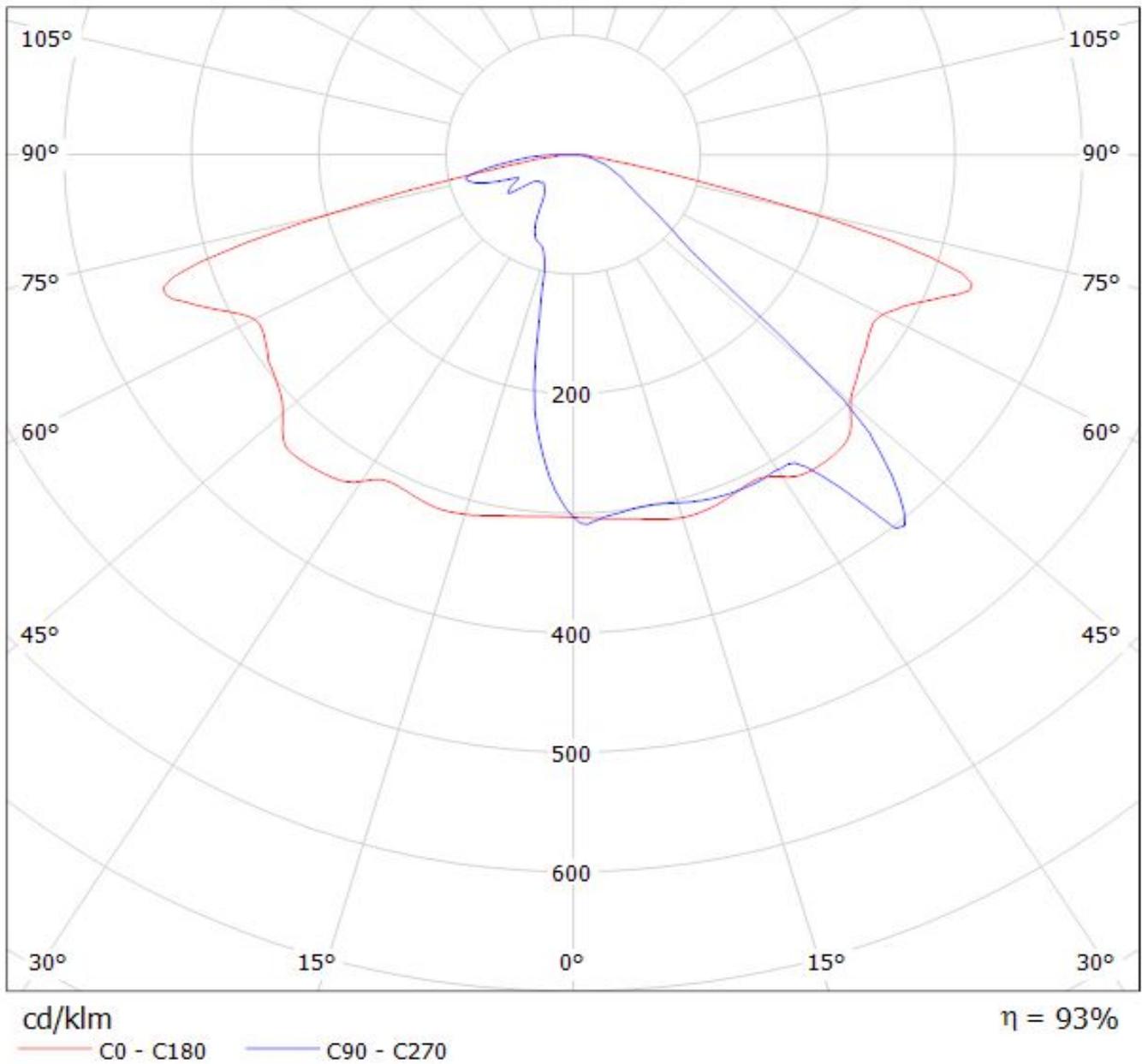
— C0 - C180

— C90 - C270

$\eta = 95\%$

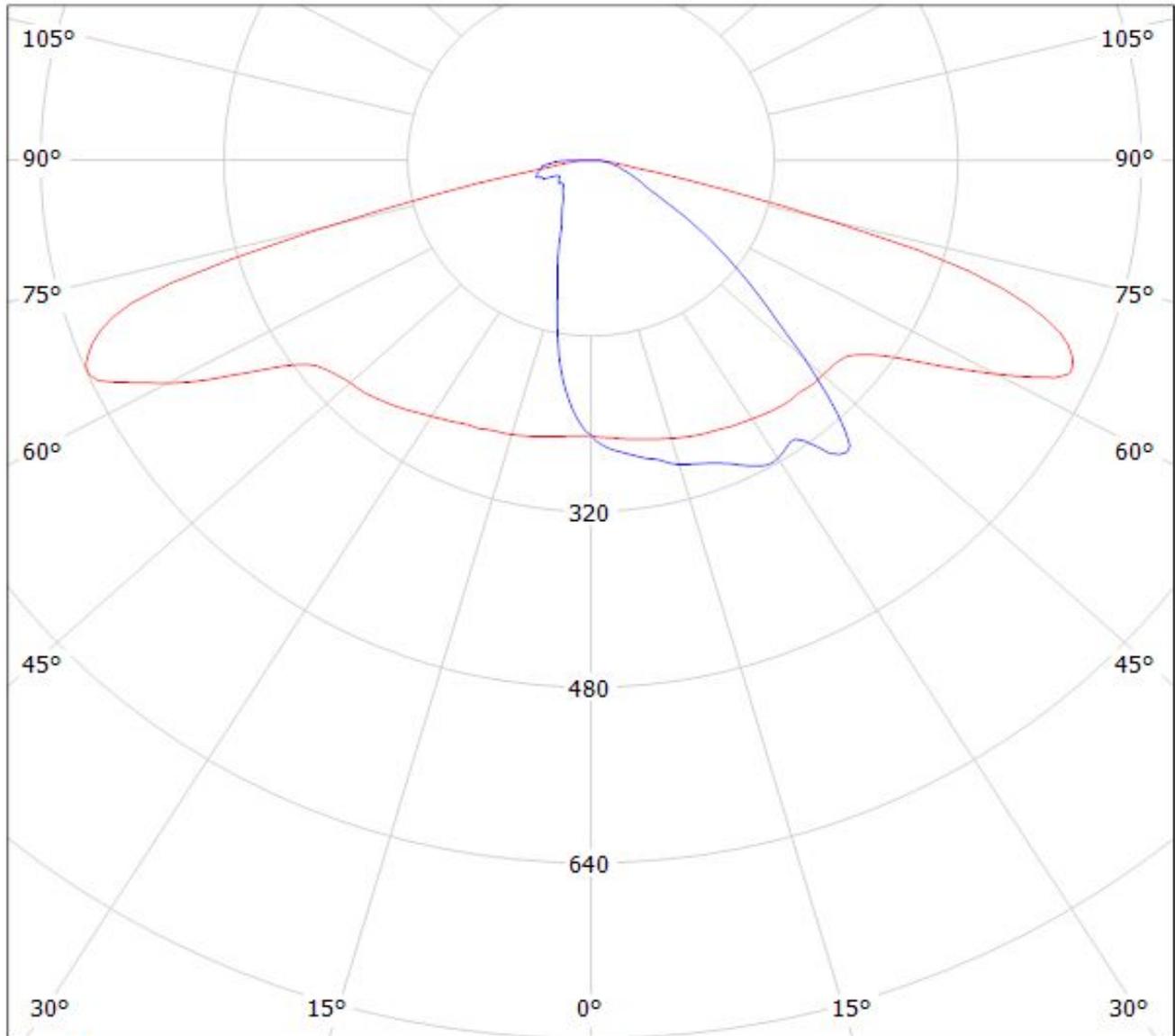
Luminaire: LEDiL Oy CS14144\_STRADA-IP-2X6-ME\_(XT-E)\_02 Eff.92.8%

Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.02lm@250mA\_P=8.85391W\_I=249.8mA



Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XT-E) Eff.94.2%

Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.02lm@250mA\_P=8.85391W\_I=249.8mA



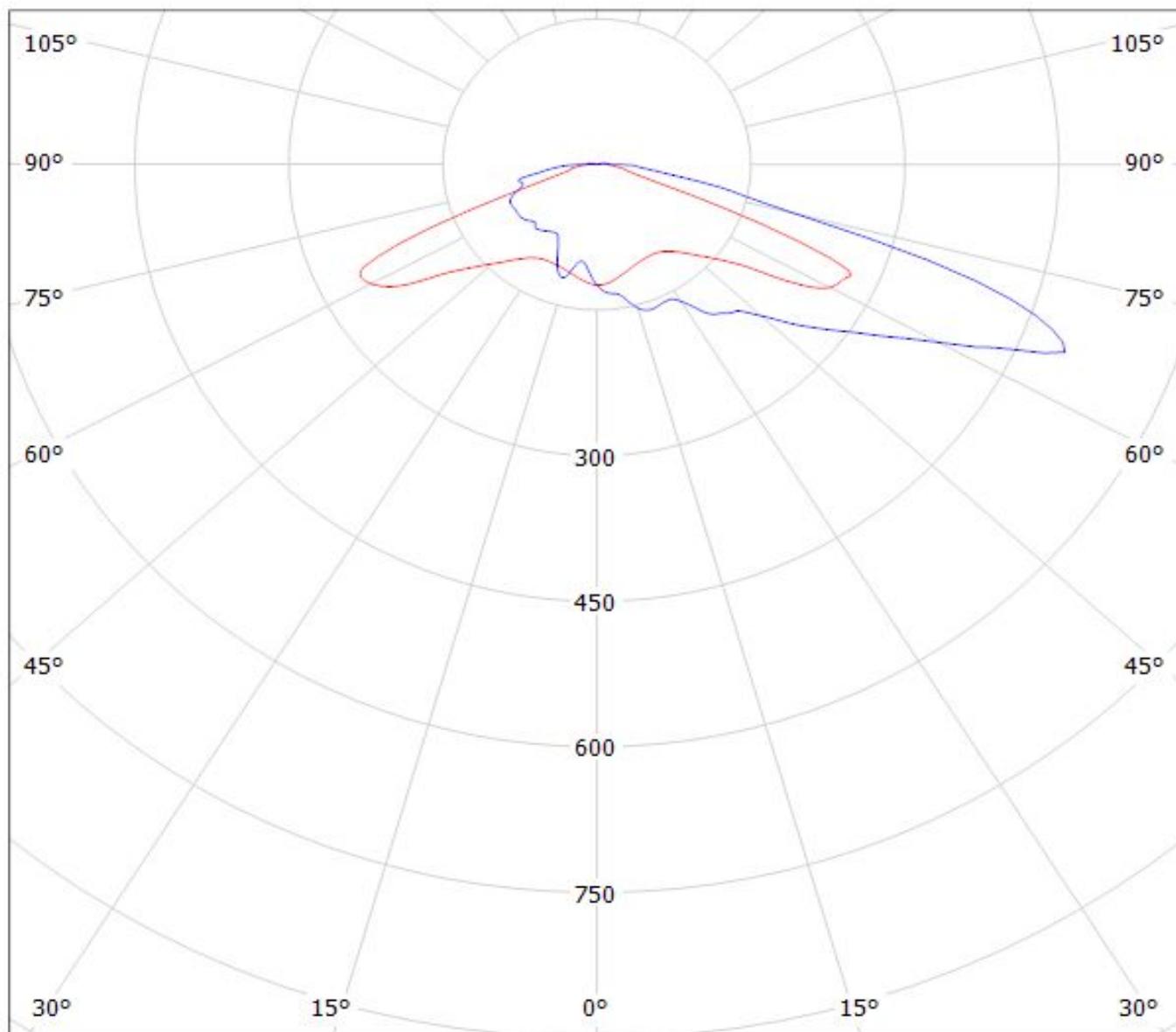
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil CS15158\_STRADA-IP-2X6-T4-B\_(XT-E)  
Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A

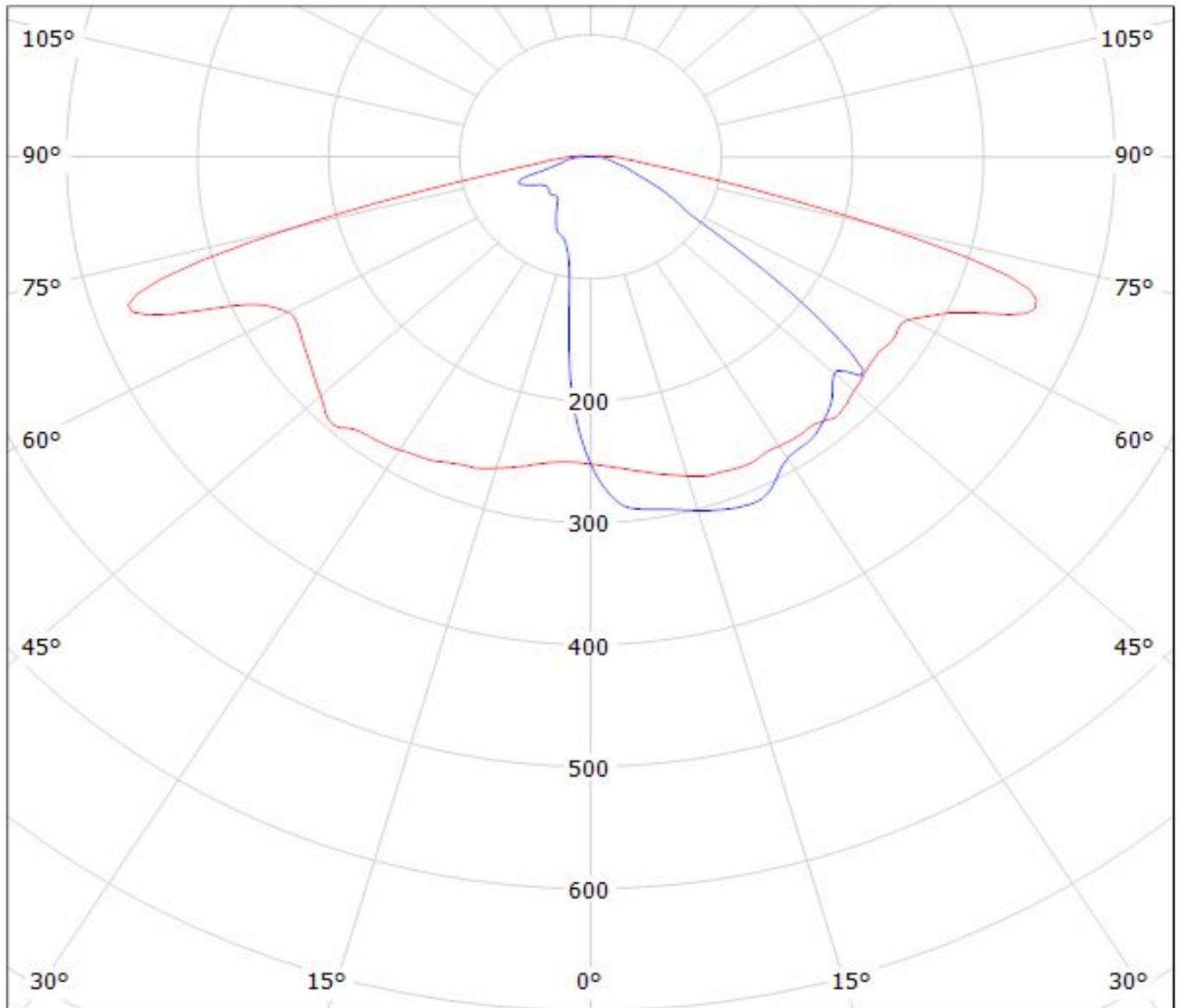


cd/klm

$\eta = 93\%$

— C0 - C180    — C90 - C270

Luminaire: Ledil CS15362\_STRADA-IP-2X6-T3-B\_(XT-E)  
Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A



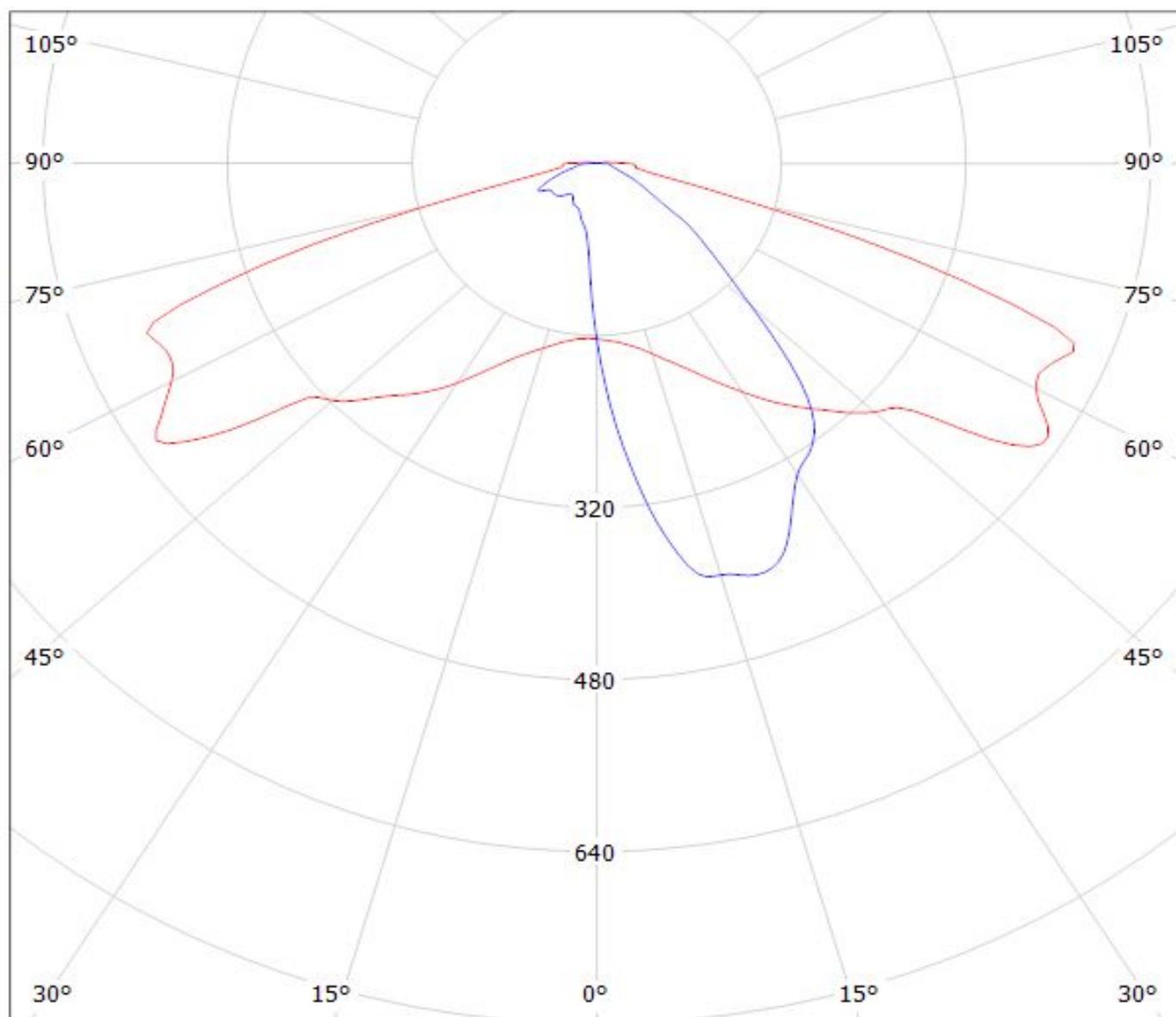
cd/klm

$\eta = 94\%$

— C0 - C180    — C90 - C270

Luminaire: Ledil CS15363\_STRADA-IP-2X6-T2-B\_(XT-E)

Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A

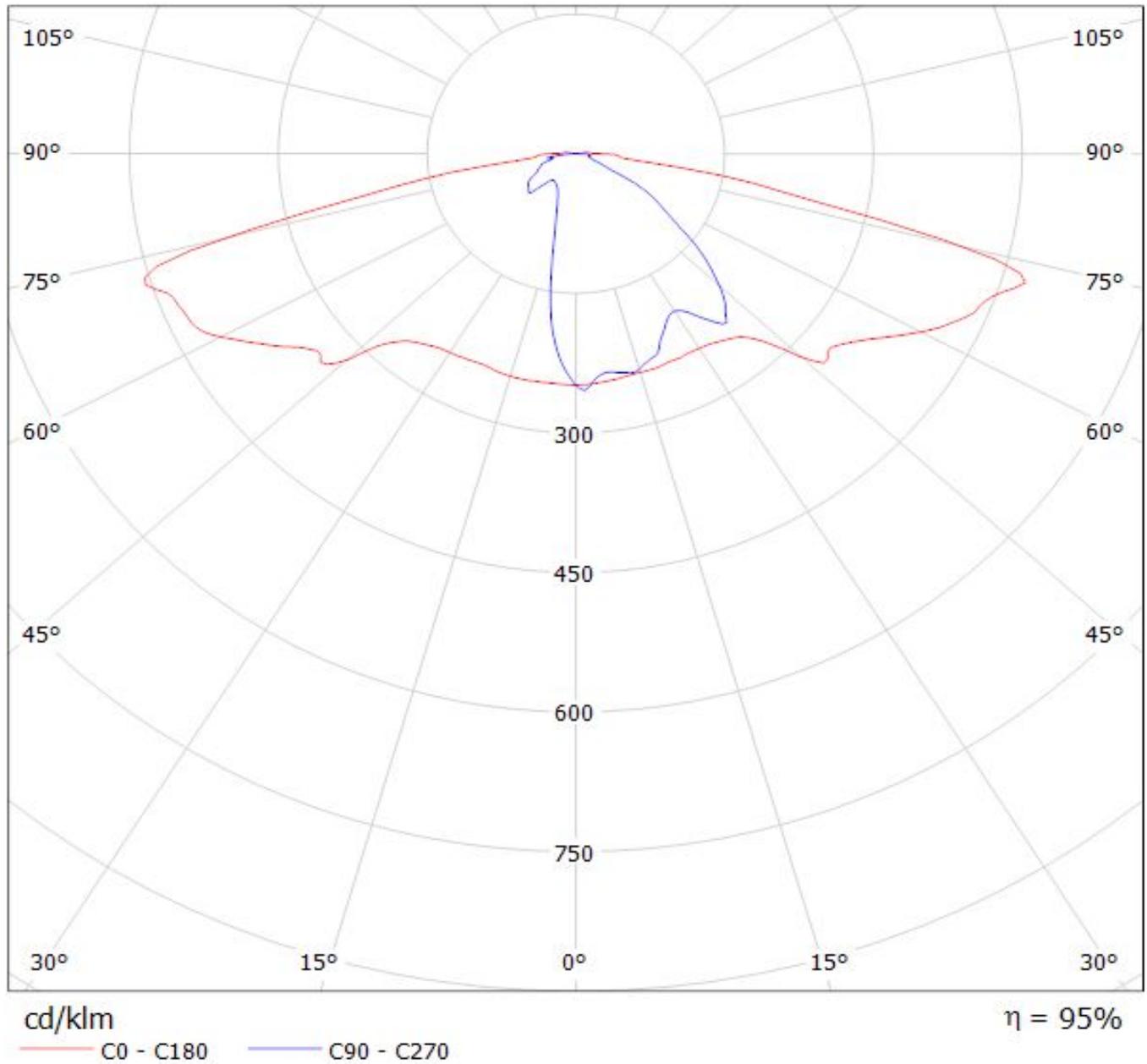


cd/klm

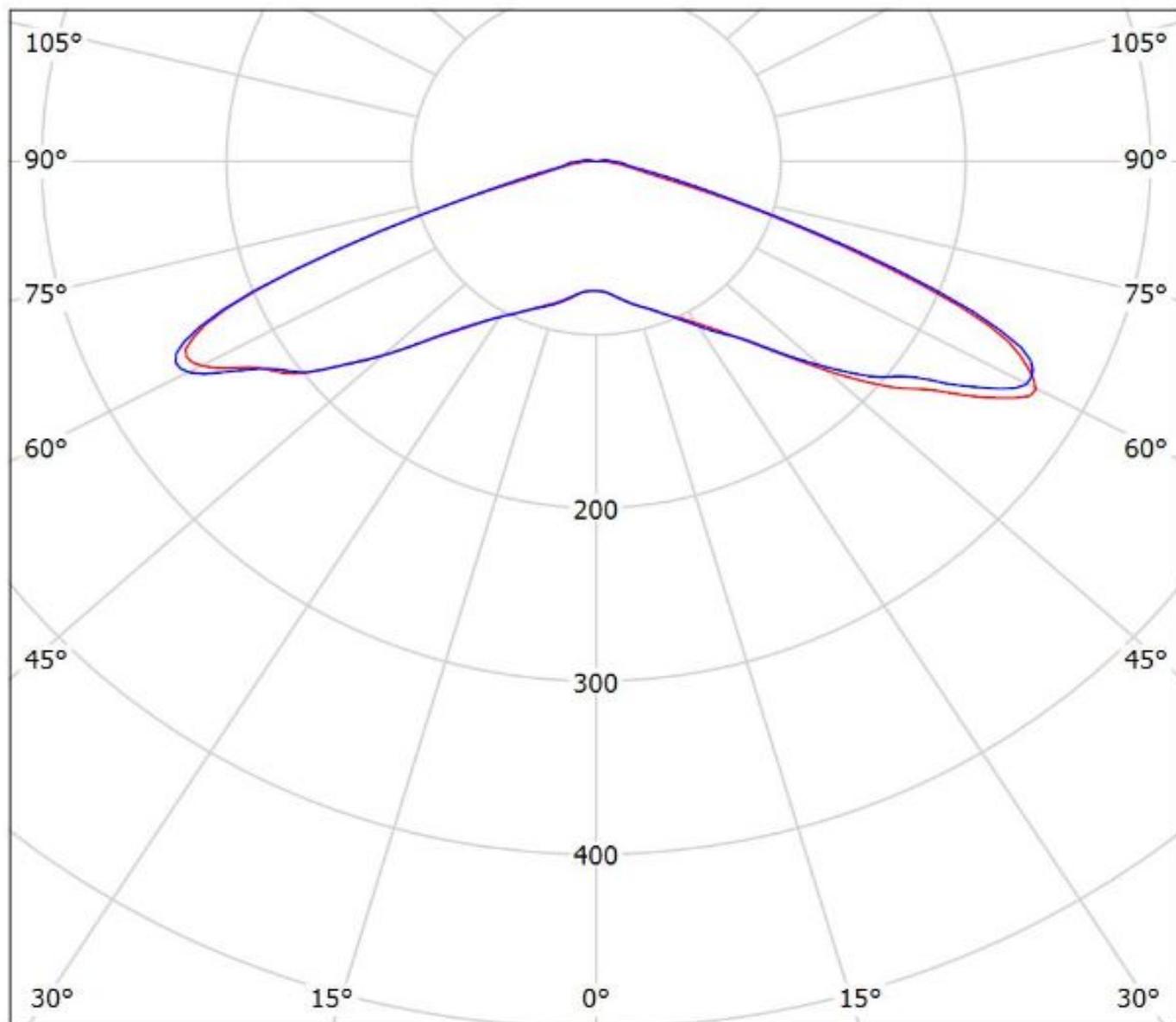
$\eta = 95\%$

— C0 - C180    — C90 - C270

Luminaire: Ledil CS15418\_STRADA-IP-2X6-SCL\_(XT-E)  
Lamps: 1 x Cree\_XT-E\_1280.48lm@250mA\_P=8.94575W\_I=0.250A



Luminaire: Ledil C15019\_STRADA-IP-2X6-VSM\_(XT-E)\_C4  
Lamps: 1 x Cree\_XT-E\_1286.95lm@250mA\_P=8.9200W\_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$