


Product number CS12862_STRADA-IP-2X6-DWC

Family	Strada	FWHM	(simulated) Asymmetric
Type	Assembly	Efficiency	-
LED	XB-D	cd/lm	-
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.	
Height	7.92 mm	<a	
Style	Rectang	href="http://www.ledil.com/lett/application_engineering/6ad92a-AN%20Strada-IP2X6%20Installation%20guide%20041214.pdf">Assembly guide	
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "screw"]		
Status	Production ready		


Product number FN15180_STRADA-2X2S-T3

Family	Strada	FWHM	(simulated) Asymmetric
Type	Pack	Efficiency	(simulated) 89 %
LED	XB-D	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	50+50 mm	lesna type 3 medium light distribution in typical setup.	
Height	7.23 mm	M3 screw with ~7mm washer recommended.	
Style	Rectang		
Optic Material	Silicone		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		


Product number CA11416_STRADA-T-DN

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	91 %
LED	XB-D	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.8 x 15.5 mm		
Height	8.75 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin", "screw"]		
Status	Production ready		


Product number CA11426_STRADA-T-DW

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	93 %
LED	XB-D	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.5 mm		
Height	10.7 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape", "screw"]		
Status	Production ready		

**Product number C11918_STRADA-T-6X1-DNW**

Family	Strada	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	93 %
LED	XB-D	cd/lm	0.420
Color	Clear	Gerber File	Available
Diameter	119.8 x 25.2 mm		
Height	5.6 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "screw", "glue"]		
Status	Production ready		

**Product number C12049_STRADA-FT**

Family	Strada	FWHM	Asymmetric degrees
Type	Lens	Efficiency	87 %
LED	XB-D	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	15.4 x 19.6 mm		
Height	8.2 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "glue", "pin"]		
Status	Production ready		

http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Throw_Lens_Family

**Product number CA12050_STRADA-FT**

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	87 %
LED	XB-D	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	15.4 x 19.6 mm		
Height	8.35 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin", "screw"]		
Status	Production ready		

http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Throw_Lens_Family

**Product number C12786_STRADA-K**

Family	Strada	FWHM	Asymmetric degrees
Type	Lens	Efficiency	96 %
LED	XB-D	cd/lm	1.130
Color	Clear	Gerber File	Available
Diameter	19.6 + 15.5 mm		
Height	8.7 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "glue", "pin"]		
Status	Production ready		


Product number CA12787_STRADA-K

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	96 %
LED	XB-D	cd/lm	1.180
Color	Clear	Gerber File	Available
Diameter	19.6 + 15.5 mm		
Height	8.8 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		


Product number C13299_STRADA-2X2-ME

Family	Strada	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	94 %
LED	XB-D	cd/lm	1.150
Color	Clear	Gerber File	Available
Diameter	50 + 50 mm		
Height	7.1 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin", "screw"]		
Status	Production ready		

Designed for European ME road lighting classes.
Optimized for luminaires using transparent flat cover.


Product number C13300_STRADA-2X2-T2

Family	Strada	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	94 %
LED	XB-D	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	50 + 50 mm		
Height	7.7 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin", "screw"]		
Status	Production ready		

IESNA Type II Street light optic

Suitable for narrow roads and pedestrian pathways.


Product number C13301_STRADA-2X2-T3

Family	Strada	FWHM	Asymmetric degrees
Type	Lens array	Efficiency	-
LED	XB-D	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	50 x 50 mm		
Height	7.1 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "screw", "glue"]		
Status	Production ready		

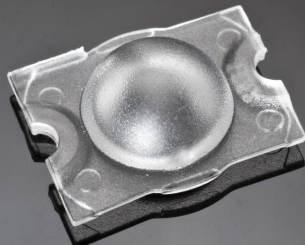
IESNA Type III Street light optic

**Product number C14116_STRADA-2X2-PX**

Family	Strada	FWHM	Asymmetric degrees
Type	Lens	Efficiency	94 %
LED	XB-D	cd/lm	1.000
Color	Clear	Gerber File	Available
Diameter	50x50 mm	Double assymmetric beam designed for pedestrian crossings.	
Height	8 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin"]		
Status	Production ready		

**Product number C10949_STRADA-B2**

Family	Strada	FWHM	112+46 degrees
Type	Lens	Efficiency	94 %
LED	XB-D	cd/lm	0.590
Color	Clear	Gerber File	Available
Diameter	19.6 + 15.5 mm		
Height	5.2 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin", "glue"]		
Status	Production ready		

**Product number C11252_STRADA-C2**

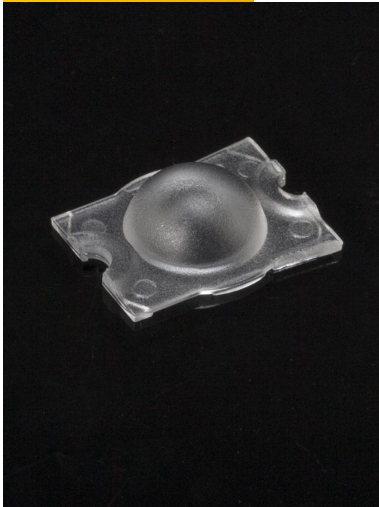
Family	Strada	FWHM	135 degrees
Type	Lens	Efficiency	93 %
LED	XB-D	cd/lm	0.260
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.5 mm		
Height	6.9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Production ready		

**Product number CA11253_STRADA-C2**

Family	Strada	FWHM	135 degrees
Type	Assembly	Efficiency	93 %
LED	XB-D	cd/lm	0.260
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.6 mm		
Height	5.9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

PRODUCT DATASHEET
Strada series

last update 26/3/2015

**Product number** C13956_STRADA-C2-NP

Family	Strada	FWHM	135 degrees
Type	Lens	Efficiency	93 %
LED	XB-D	cd/lm	0.260
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.5 mm	Version without pins.	
Height	6.9 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 series

last update 26/3/2015

GENERAL INFORMATION

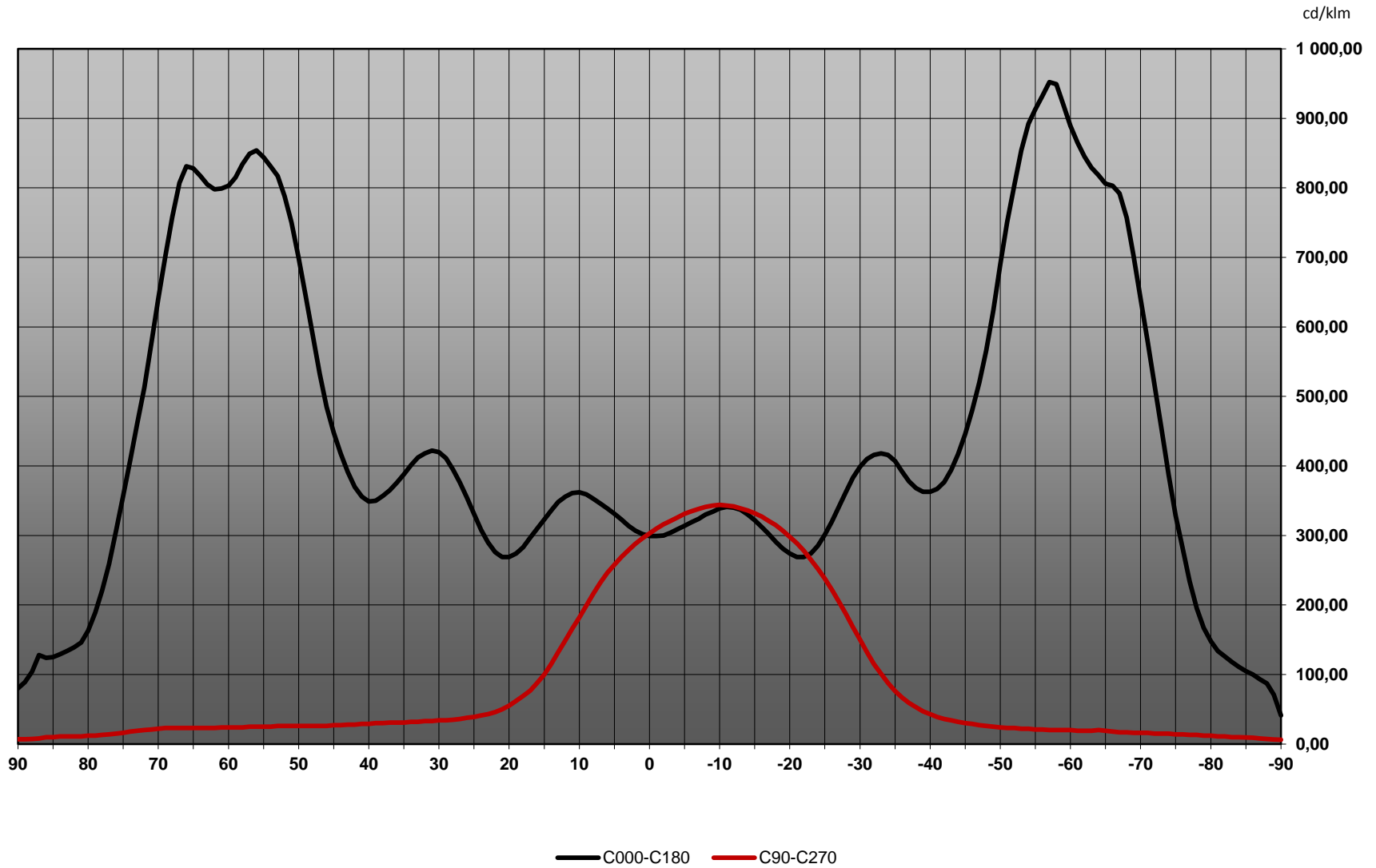
- Product series especially designed & optimized for XB-D series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

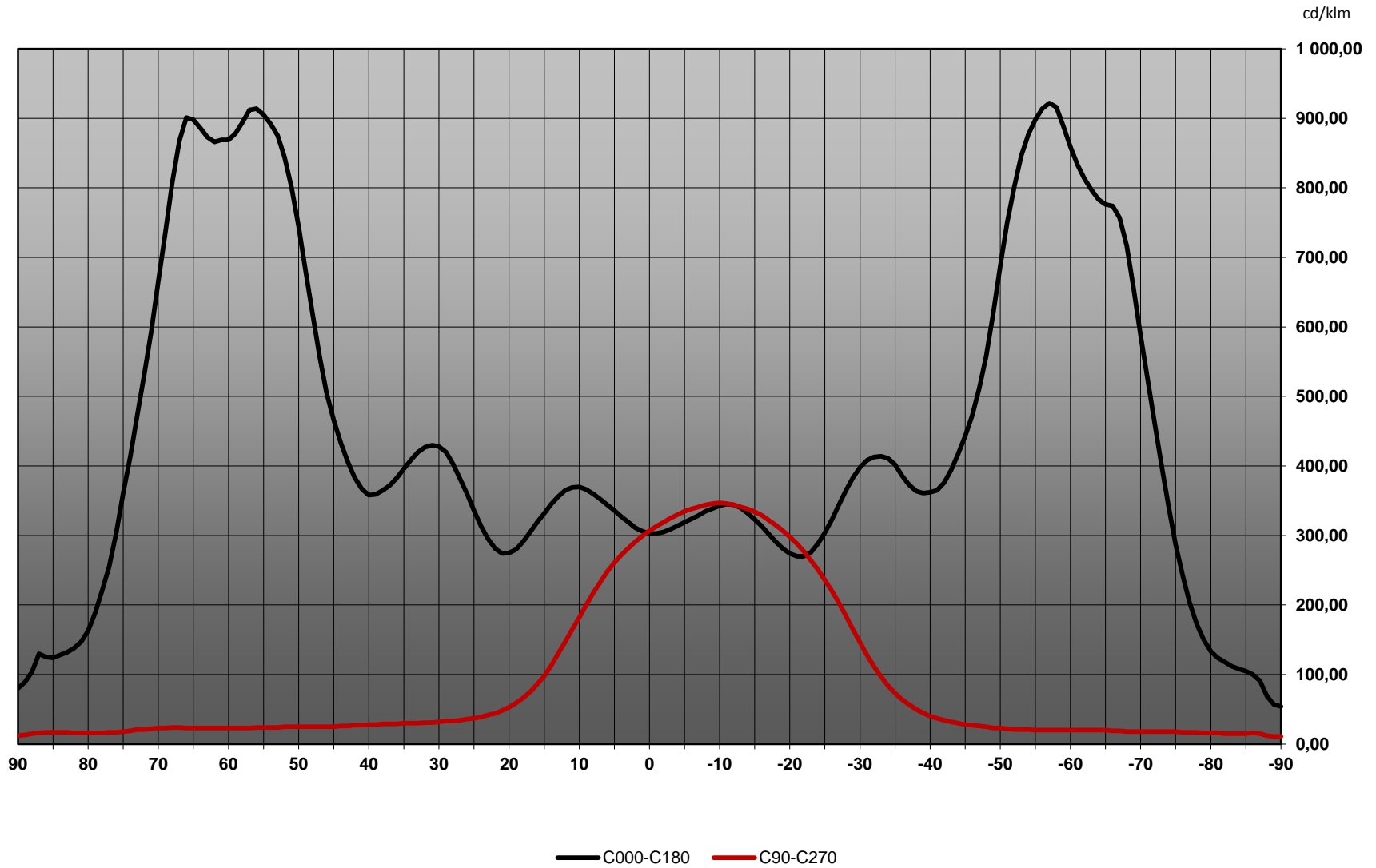
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

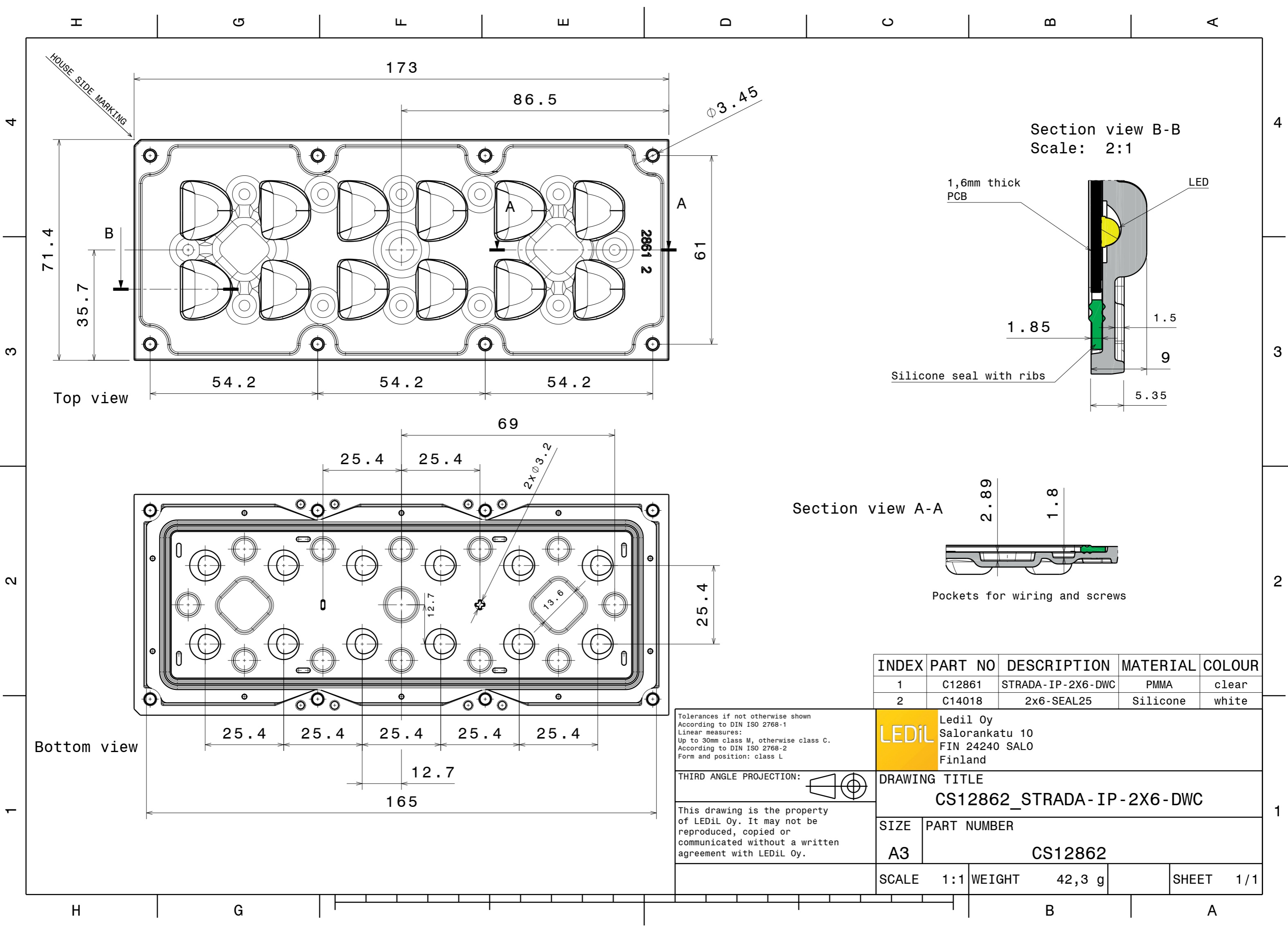
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

Absolute intensity of C12786_STRADA-K_(XB-D)

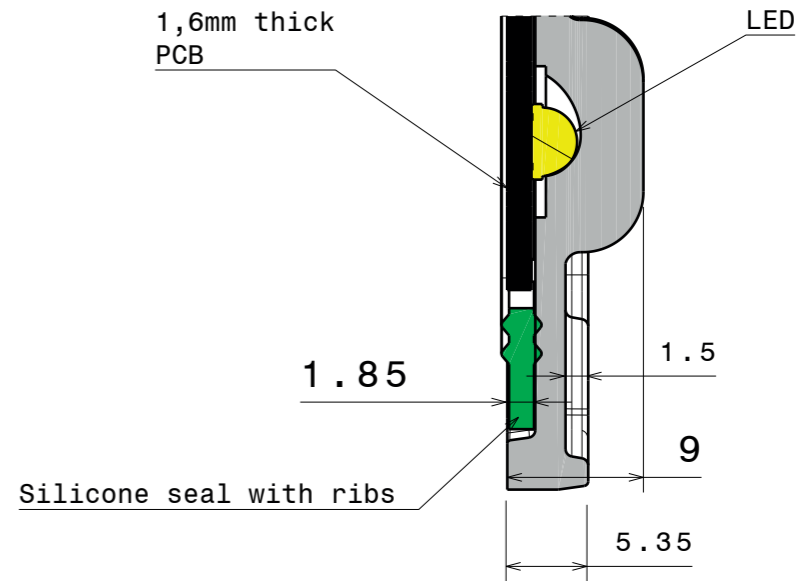


Absolute intensity of CA12787_STRADA-K_(XB-D)

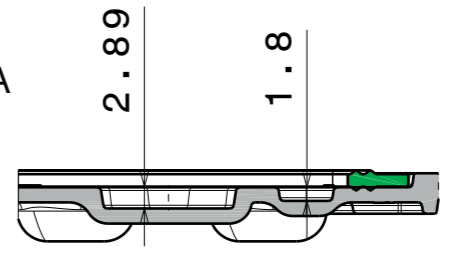




Section view B-B
Scale: 2:1



Section view A-A



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

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

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

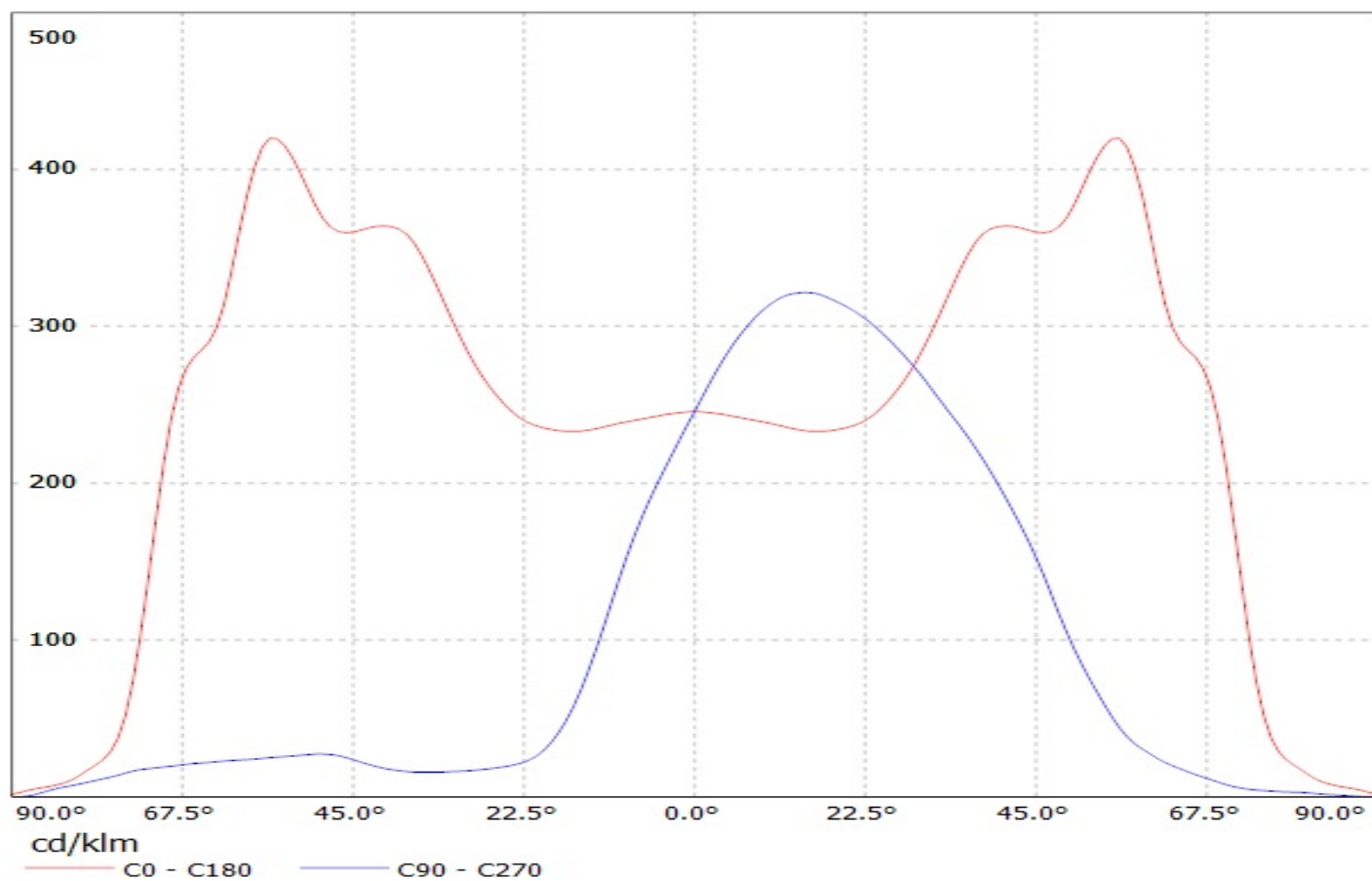
DRAWING TITLE
CS12862_STRADA-IP-2X6-DWC

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

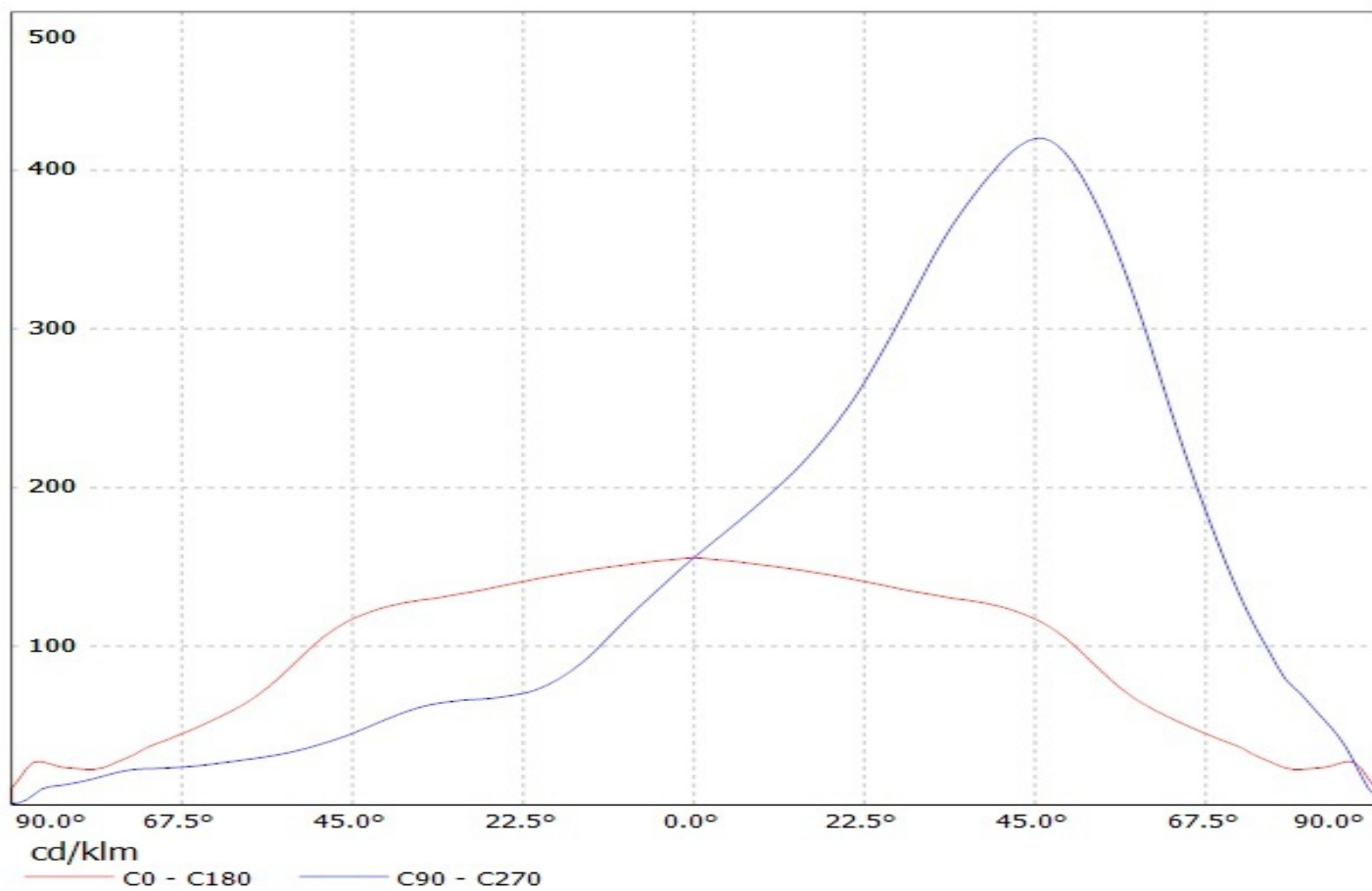
SIZE PART NUMBER
A3 CS12862

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

Luminaire: Ledil Oy C11918_Strada-T-6x1-DNW-XB-D LOR=93%
Lamps: 1 x Cree XP-D 250mA 471lm

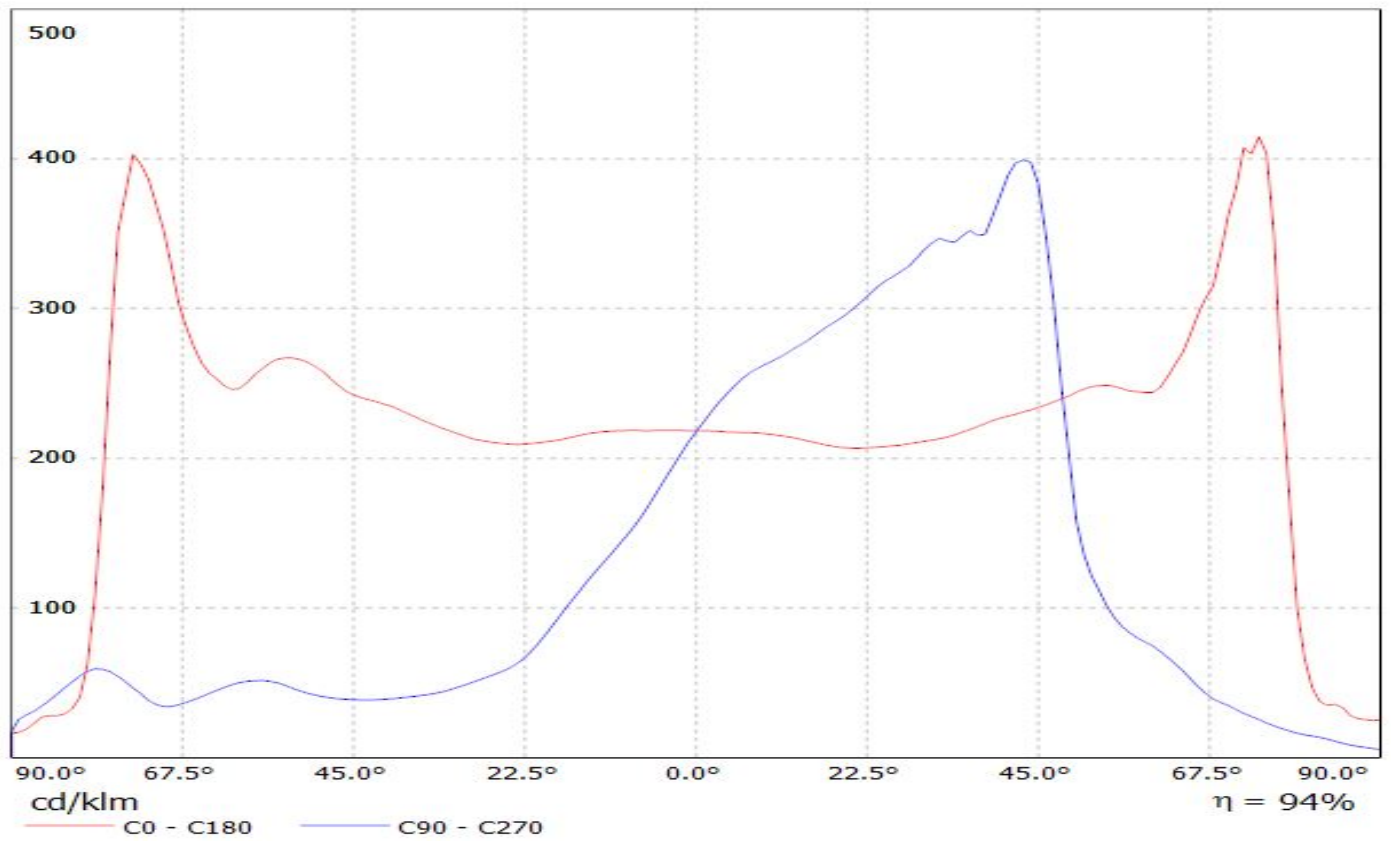


Luminaire: Ledil Oy Strada-FT-XP-D LOR=87%
Lamps: 1 x Cree XP-D 250mA 85lm



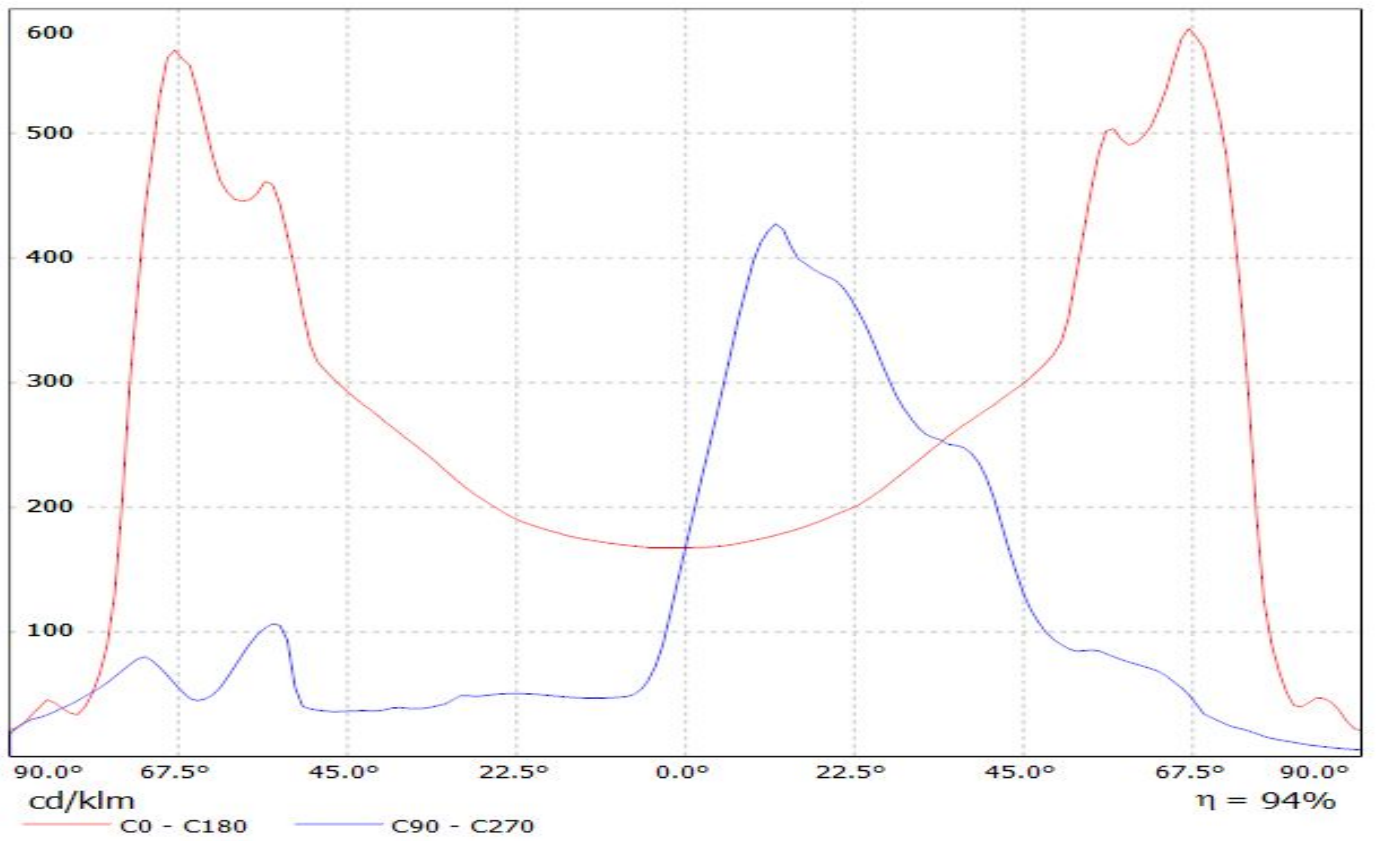
LEDiL Oy C13299_STRADA-2X2-ME_(XB-D) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13299_STRADA-2X2-ME_(XB-D) Eff.94.0%
Lamps: 1 x XB-D_2x2_368.85lm@250mA_P=3.06227W_I=249.9mA



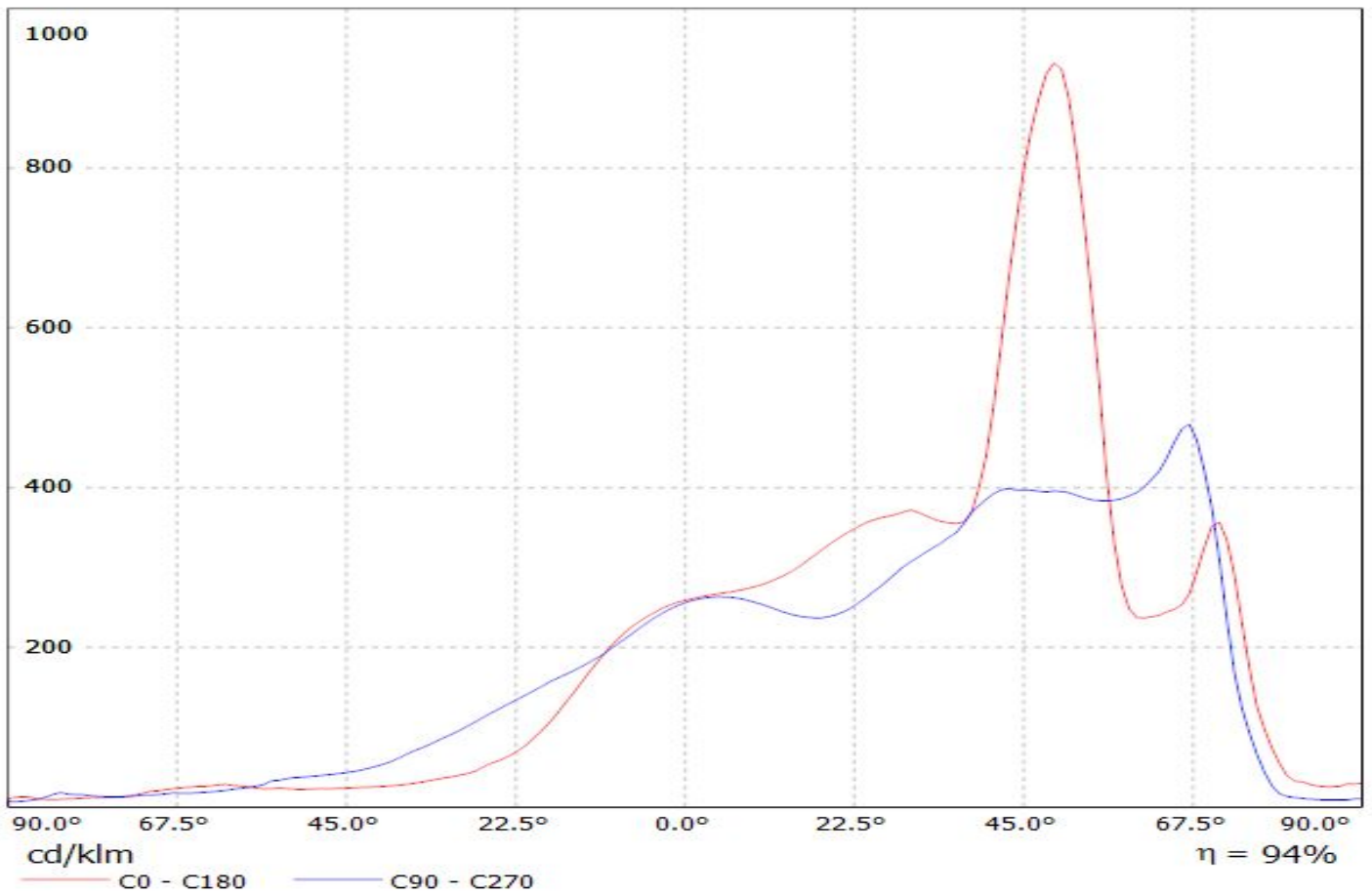
LEDiL Oy C13300_STRADA-2X2-T2_(XB-D) Eff.94.2% / LDC (Linear)

Luminaire: LEDiL Oy C13300_STRADA-2X2-T2_(XB-D) Eff.94.2%
Lamps: 1 x XM-L (370lm@250mA)

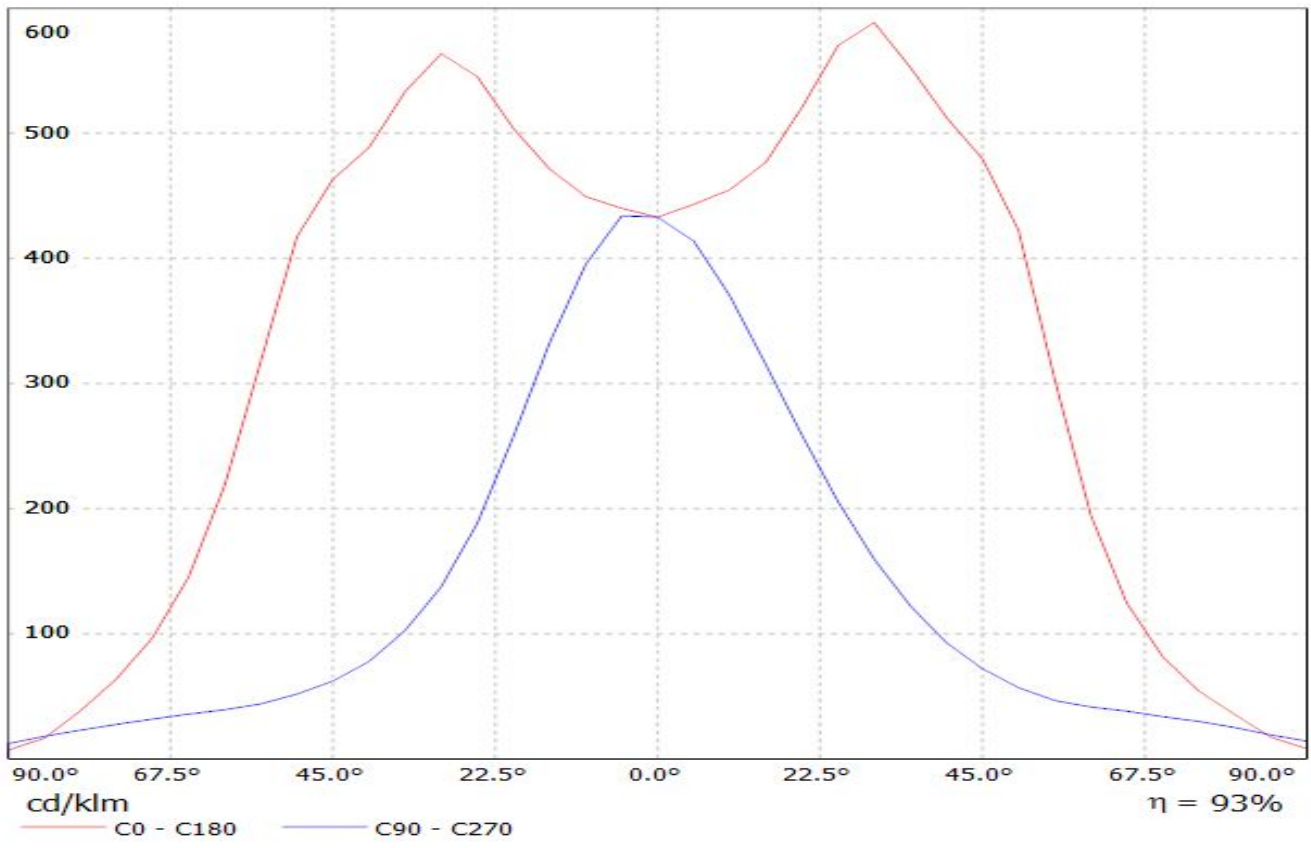


Luminaire: LEDiL Oy C14116_STRADA-2X2-PX_(XB-D)

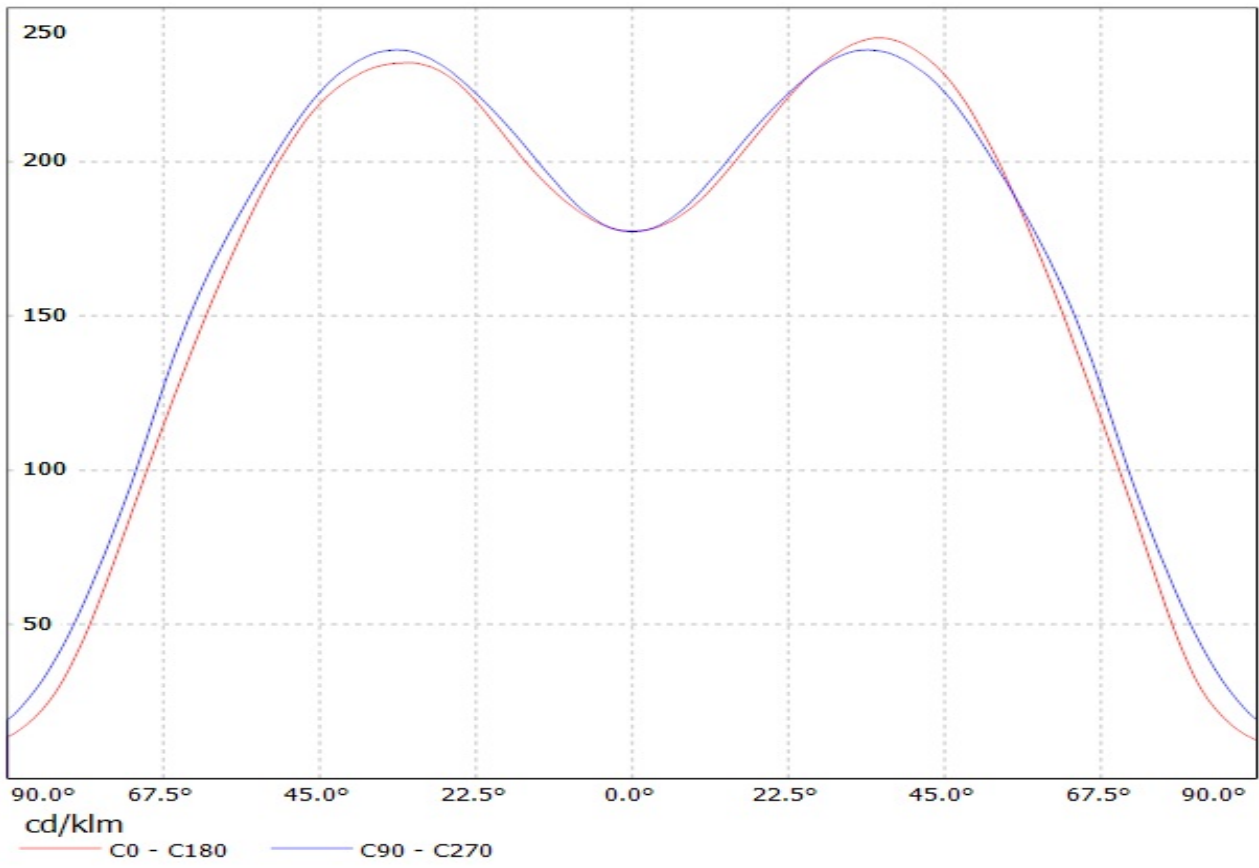
Lamps: 1 x CREE_XB-D_2x2_366.34lm@250mA_P=3.07877W_I=249.9mA



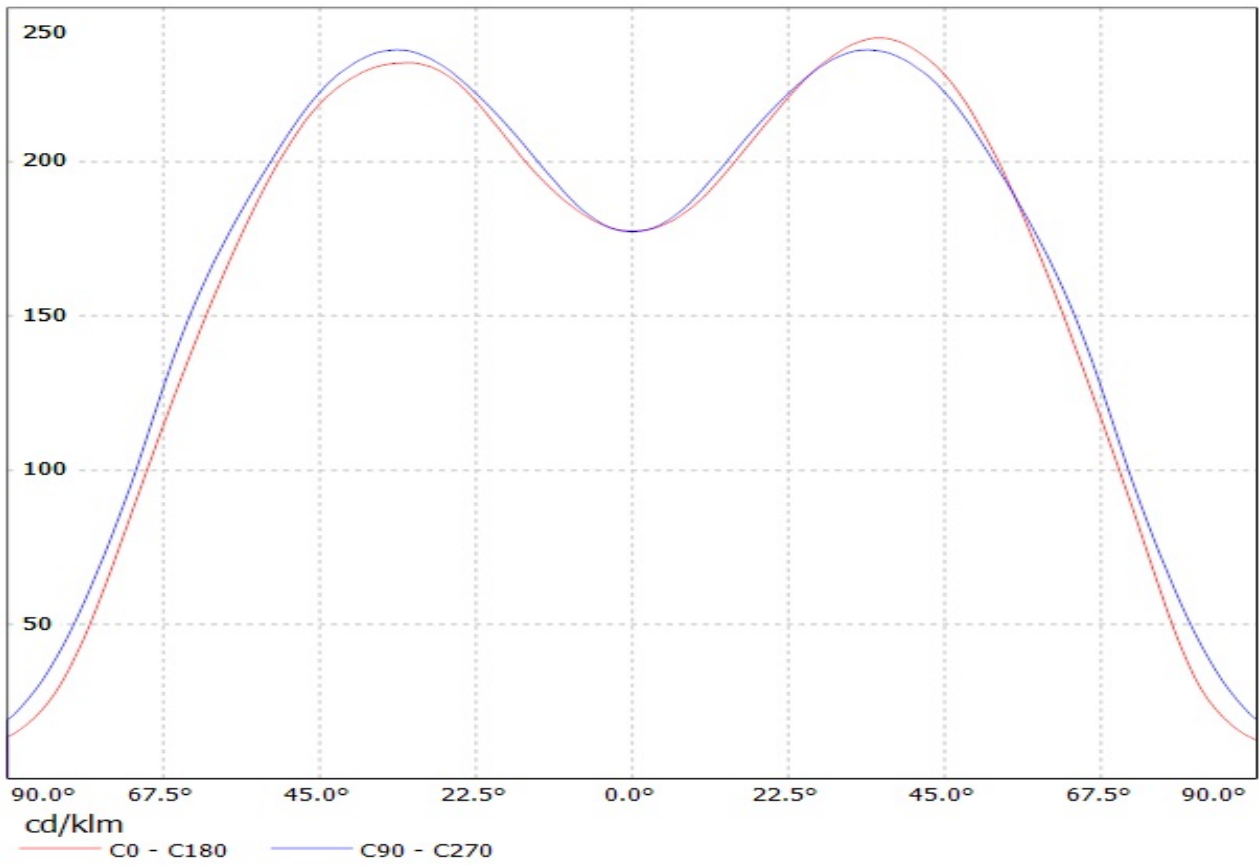
Luminaire: LEDiL C10949_STRADA-B2_(XB-D) Eff. 94%
Lamps: 1 x Cree XB-D (89lm@250mA)



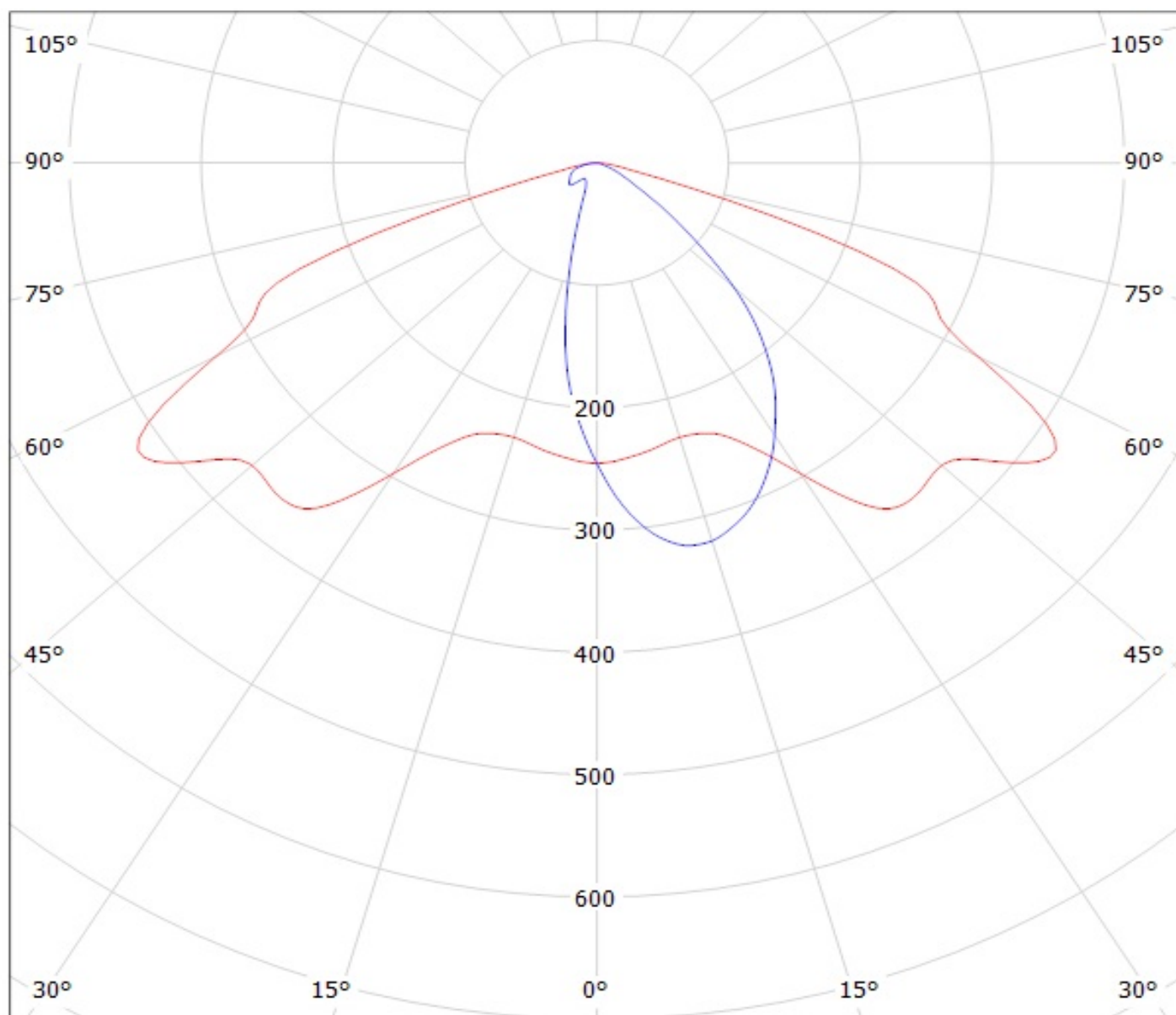
Luminaire: LEDIL OY C11252_STRADA-C2 / CA11253_STRADA-C2 (XB-D) Efficiency=93%
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



Luminaire: LEDIL OY C11252_STRADA-C2 / CA11253_STRADA-C2 (XB-D) Efficiency=93%
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



Luminaire: Ledil Oy C11918_Strada-T-6x1-DNW-XB-D LOR=93%
Lamps: 1 x Cree XP-D 250mA 471lm

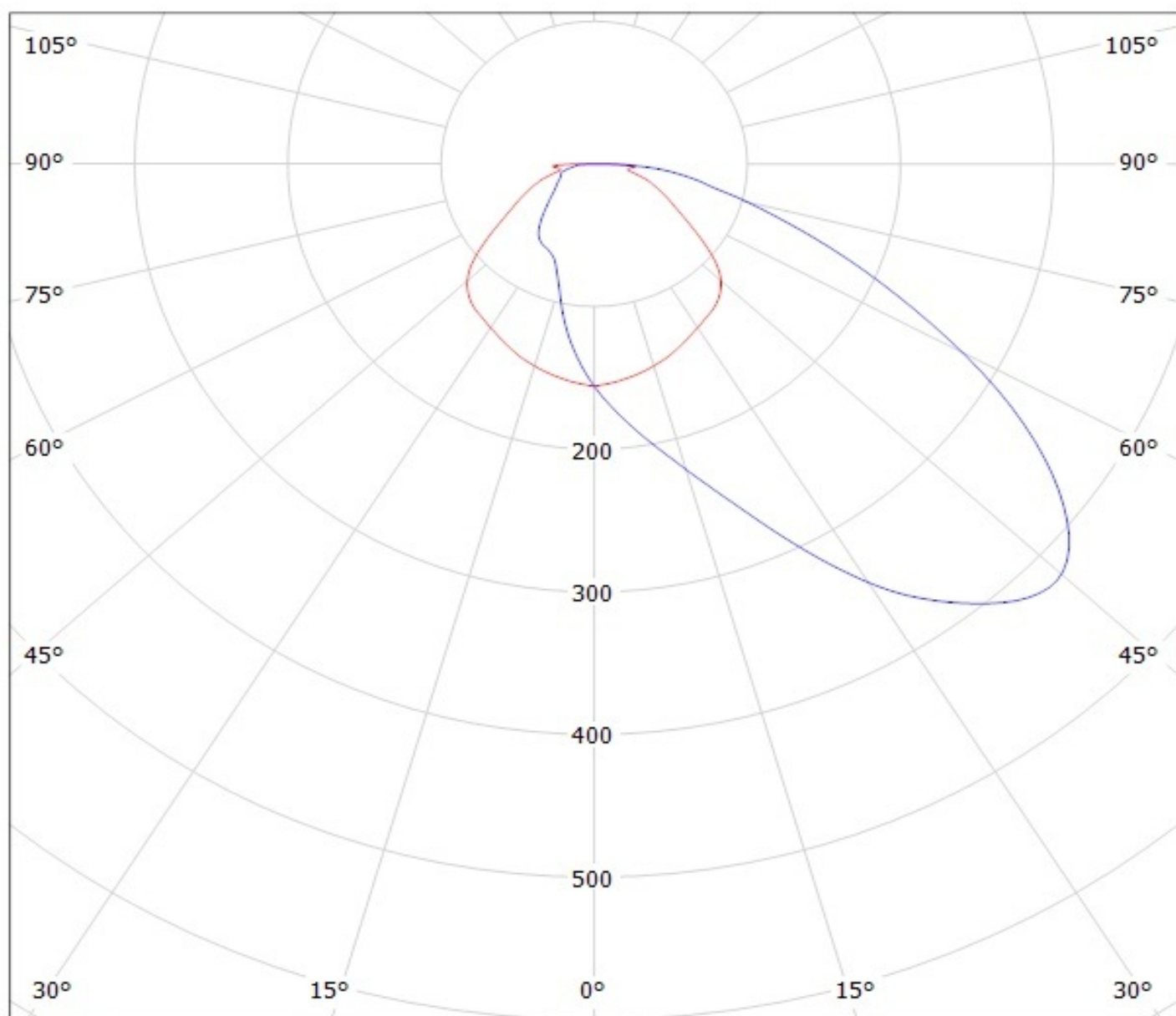


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy Strada-FT-XP-D LOR=87%
Lamps: 1 x Cree XP-D 250mA 85lm

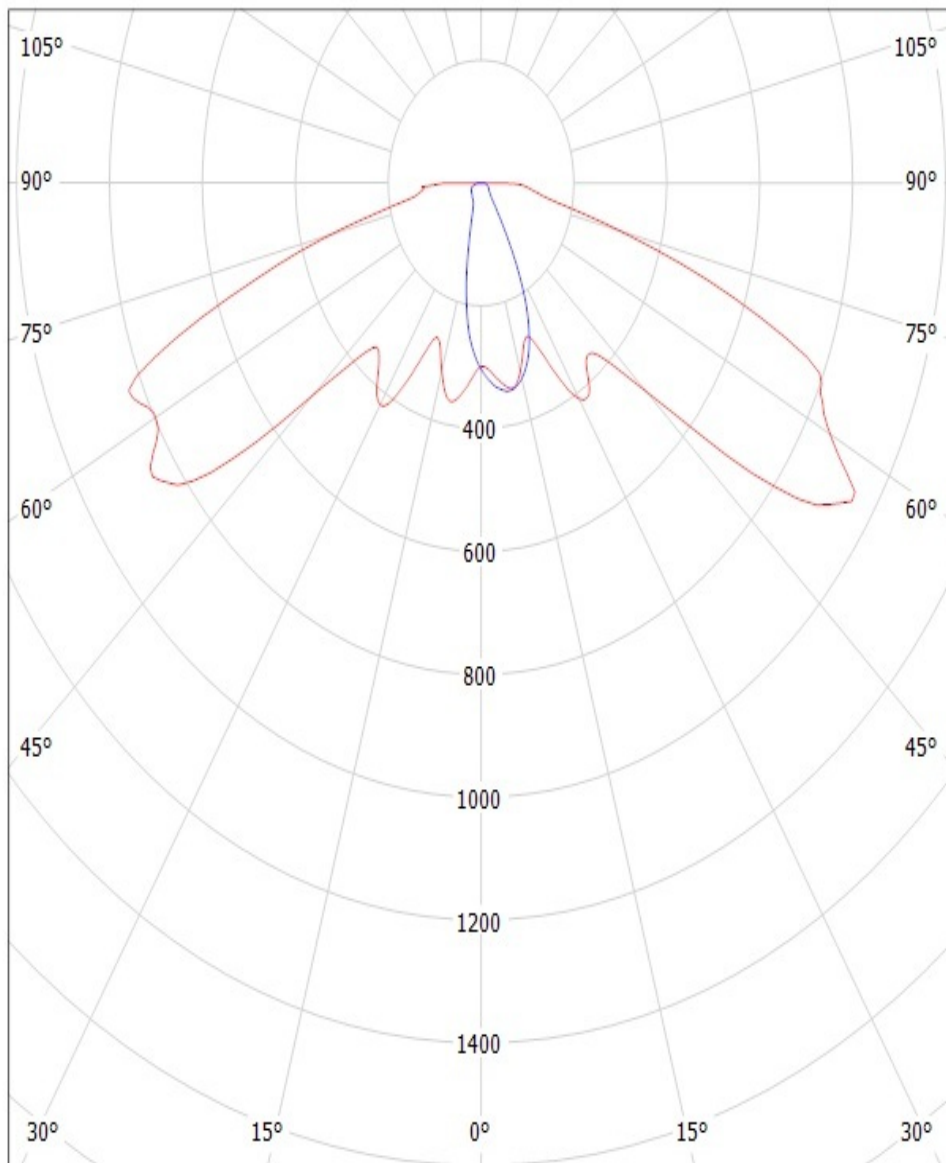


cd/klm

— C0 - C180

— C90 - C270

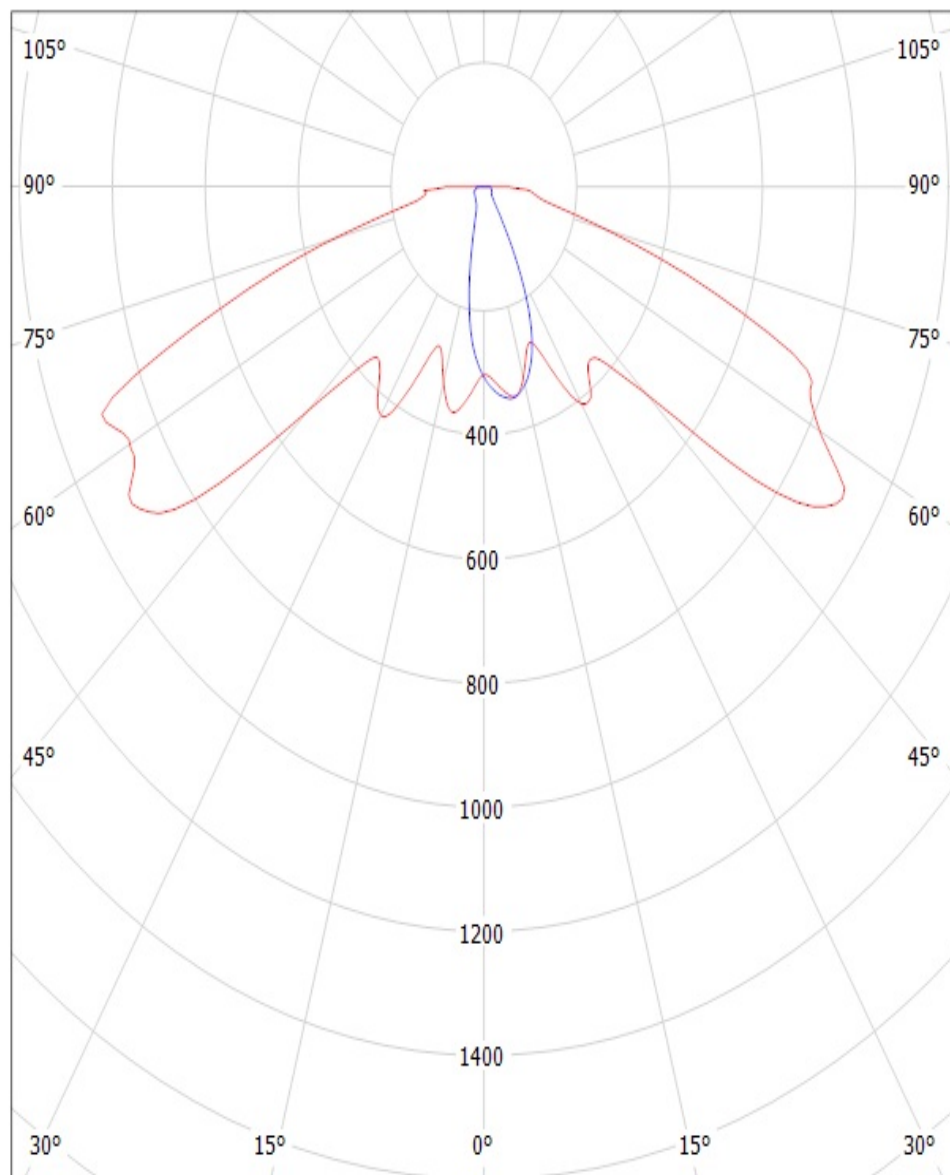
Luminaire: LEDiL Oy C12786 STRADA-K (XB-D) Eff. 96%
Lamps: 1 x Cree XB-D (95lm@250mA)



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA12787_STRADA-K (Cree XB-D) Eff. 95%
Lamps: 1 x Cree XB-D (92.6lm@250mA)



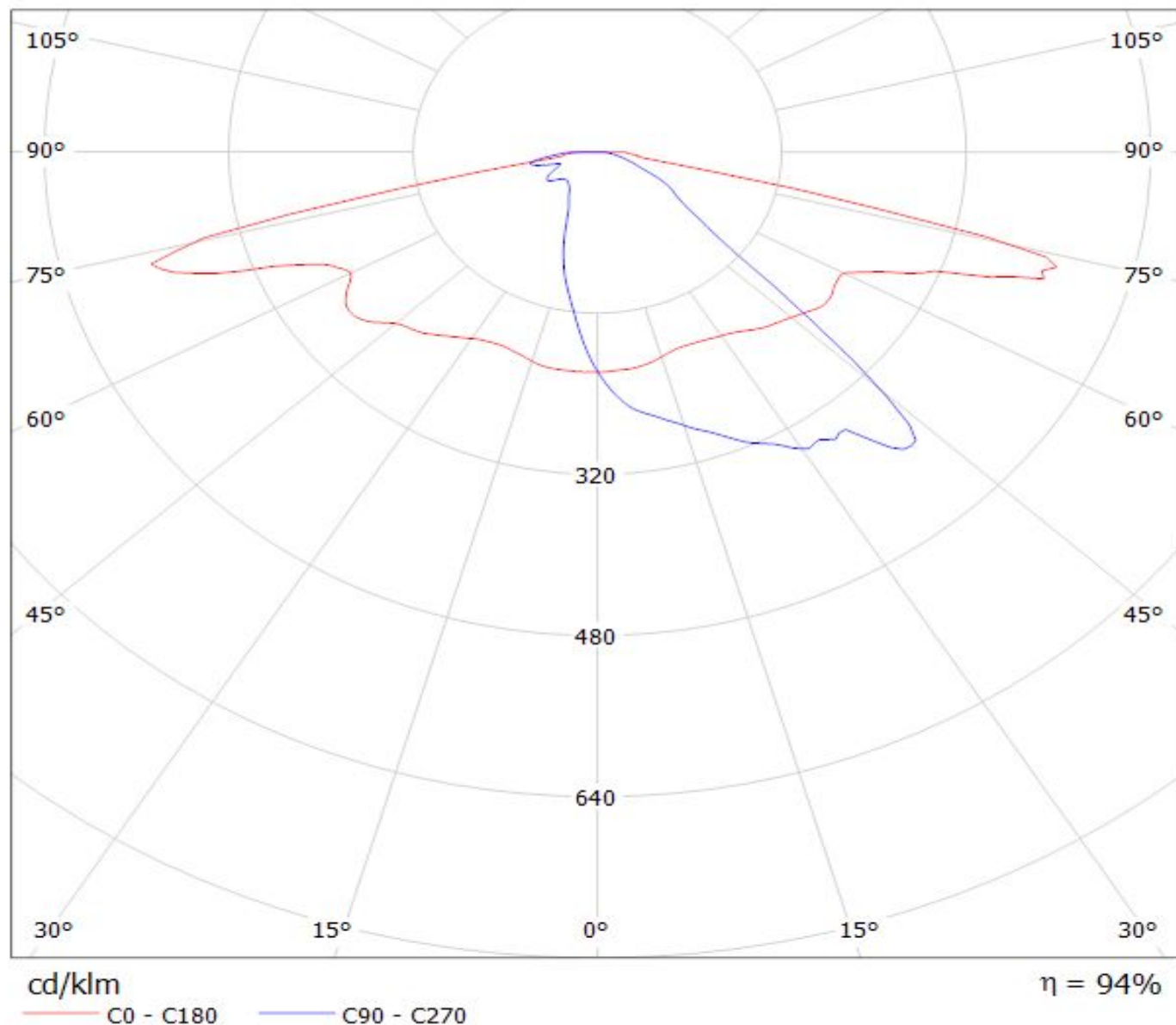
cd/klm

— C0 - C180

— C90 - C270

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

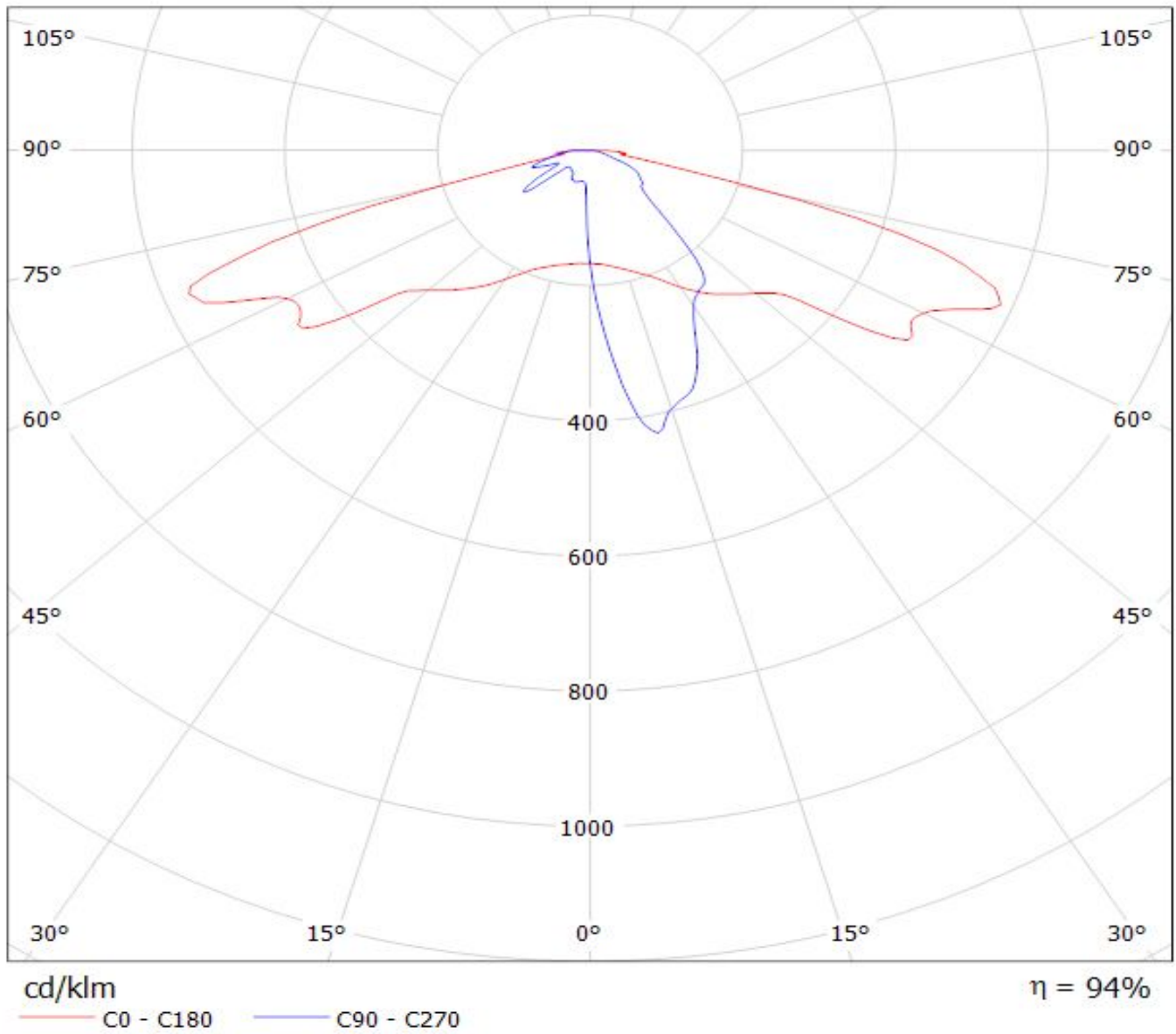
Luminaire: LEDiL Oy C13299_STRADA-2X2-ME_(XB-D) Eff.94.0%
Lamps: 1 x XB-D_2x2_368.85lm@250mA_P=3.06227W_I=249.9mA



LEDiL Oy C13300_STRADA-2X2-T2_(XB-D) Eff.94.2% / LDC (Polar)

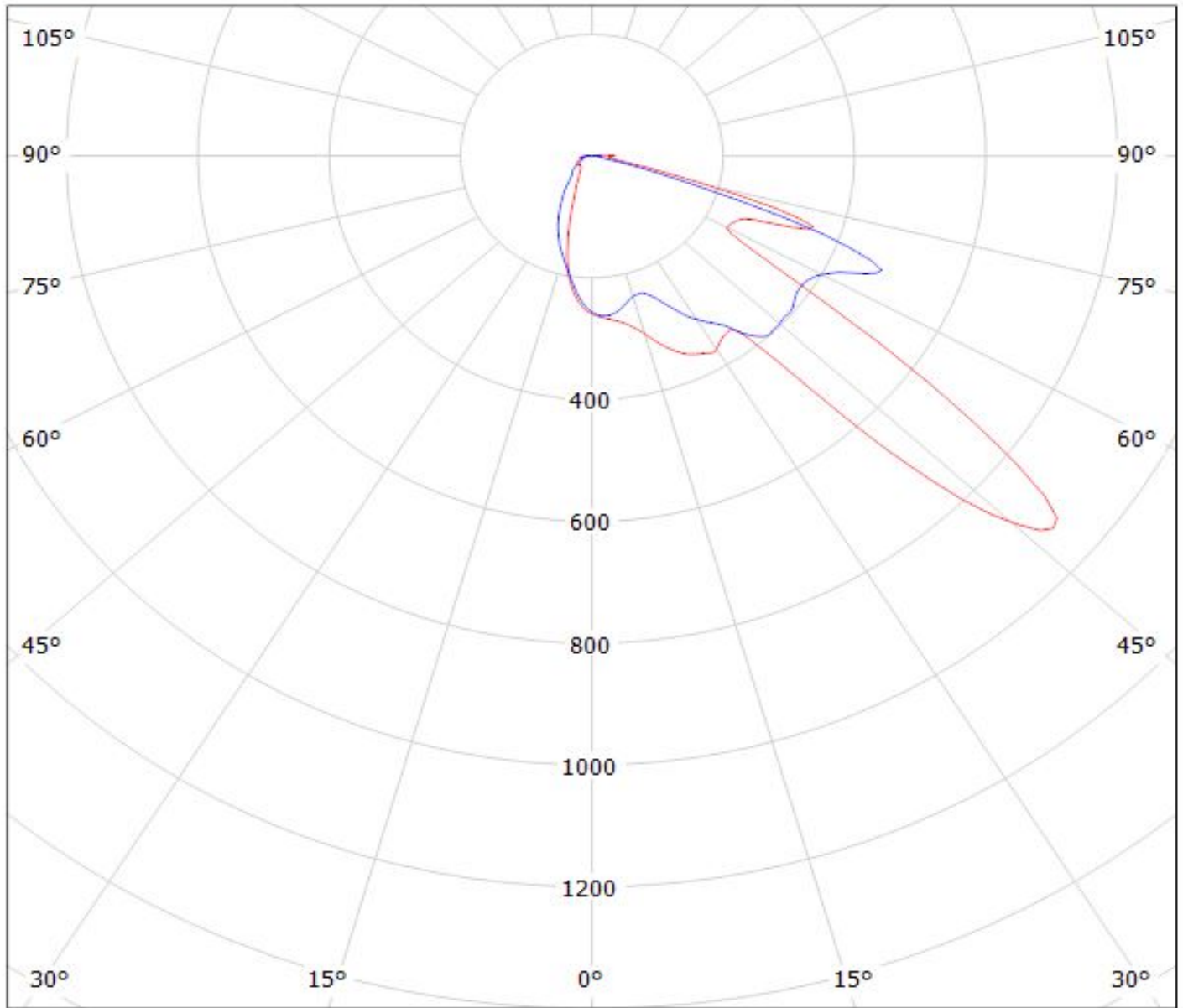
Luminaire: LEDiL Oy C13300_STRADA-2X2-T2_(XB-D) Eff.94.2%

Lamps: 1 x XM-L (370lm@250mA)



Luminaire: LEDiL Oy C14116_STRADA-2X2-PX_(XB-D)

Lamps: 1 x CREE_XB-D_2x2_366.34lm@250mA_P=3.07877W_I=249.9mA



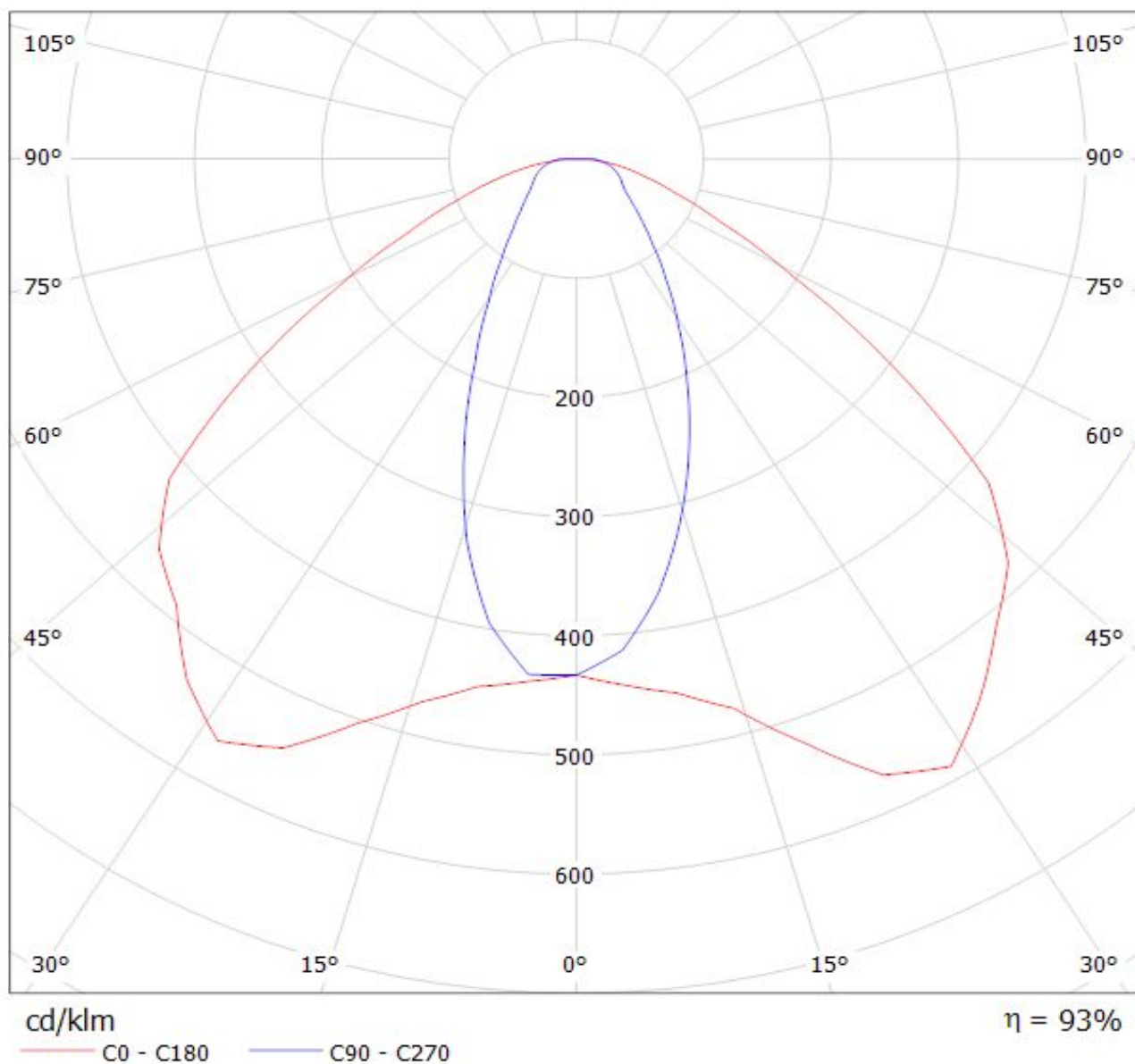
cd/klm

— C0 - C180

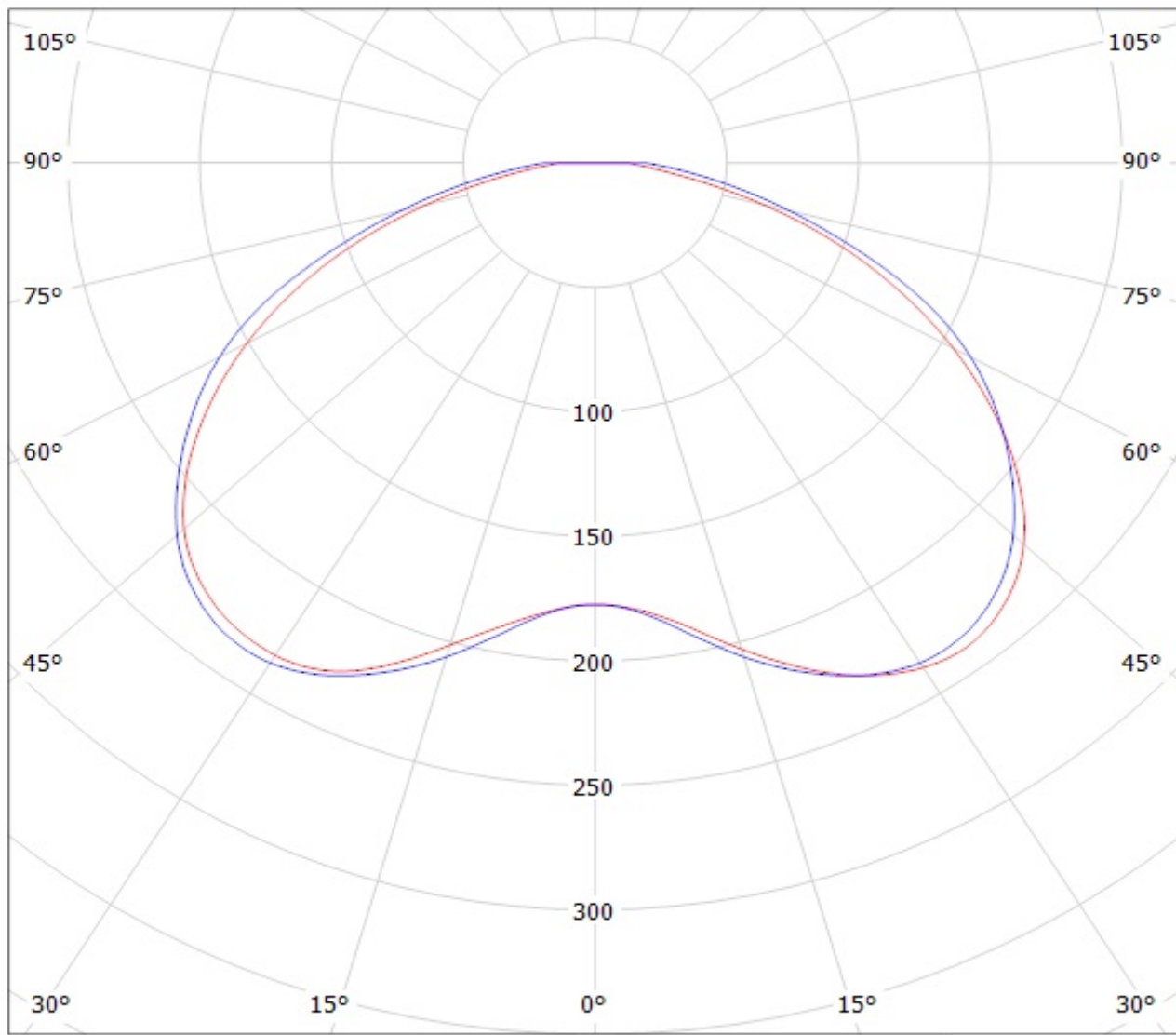
— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL C10949_STRADA-B2_(XB-D) Eff. 94%
Lamps: 1 x Cree XB-D (89lm@250mA)

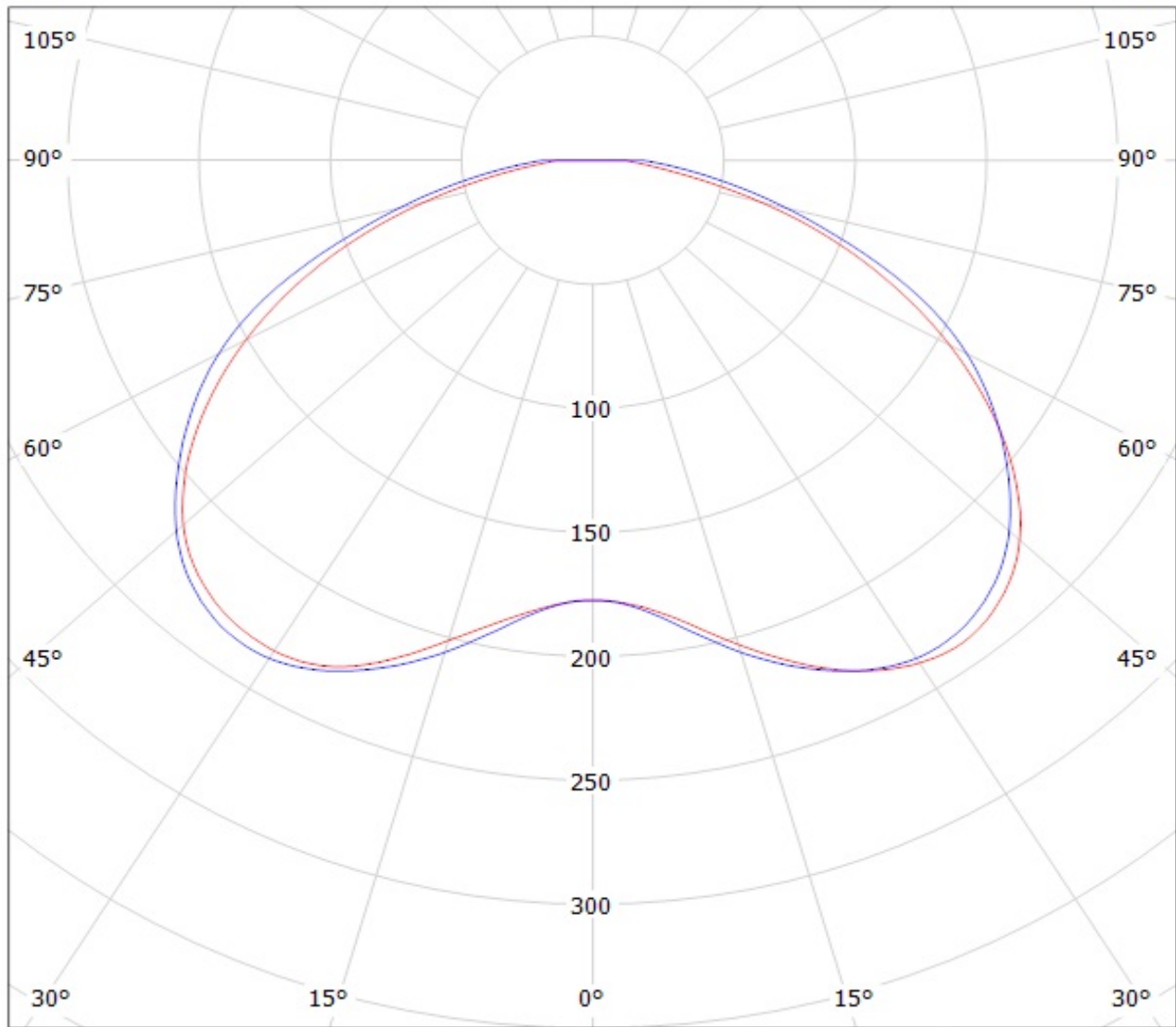


Luminaire: LEDIL OY C11252_STRADA-C2 / CA11253_STRADA-C2 (XB-D) Efficiency=93%
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDIL OY C11252_STRADA-C2 / CA11253_STRADA-C2 (XB-D) Efficiency=93%
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



cd/klm

— C0 - C180 — C90 - C270