


Product number C11889_STRADA-SQ-T-DN

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	92 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	7.9 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin", "glue"]		
Status	Production ready		


Product number CA11890_STRADA-SQ-T-DN

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	8.05 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape", "screw"]		
Status	Production ready		


Product number C11891_STRADA-SQ-T-DW

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	92 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	12.5 mm		Designed for European streetlighting.
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "screw", "glue"]		
Status	Production ready		


Product number CA11892_STRADA-SQ-T-DW

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	12.65 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape", "screw"]		
Status	Production ready		

**Product number C11962_STRADA-SQ-T-DW**

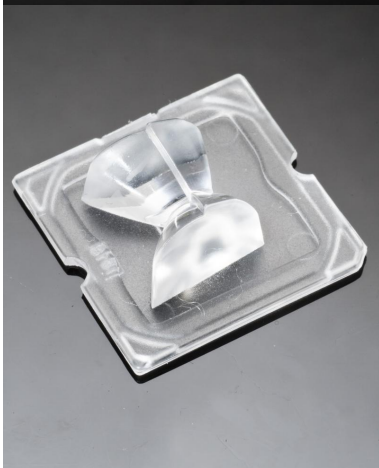
Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	92 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm	Designed for USA streetlighting.	
Height	11.5 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "glue", "pin"]		
Status	Production ready		

**Product number CA11963_STRADA-SQ-T-DW**

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm	Designed for US street lighting.	
Height	11.65 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin", "screw"]		
Status	Production ready		

**Product number CA12311_STRADA-SQ-T-DN**

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	-	No location pins. Customer needs own fixture.	
Height	-		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "tape"]		
Status	Production ready		

**Product number CA12312_STRADA-SQ-T-DW**

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	-
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25x25 mm	No location pins. Customer needs own fixture.	
Height	12.65 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "tape"]		
Status	Production ready		


Product number C12410_STRADA-SQ-A-T

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	93 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm	Positioning: External position element / Automatic assembling line.	
Height	9 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "glue"]		
Status	Production ready		


Product number CA12411_STRADA-SQ-A-T

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	93 %
LED	XM-L	cd/lm	0.510
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm	Positioning: External position element / Automatic assembling line.	
Height	9.15 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "tape"]		
Status	Production ready		


Product number C12726_STRADA-SQ-T-DWC

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	94 %
LED	XM-L	cd/lm	0.400
Color	Clear	Gerber File	Available
Diameter	25 x 25 mm		
Height	8 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin", "glue"]		
Status	Production ready		


Product number CA12889_STRADA-SQ-T-DWC

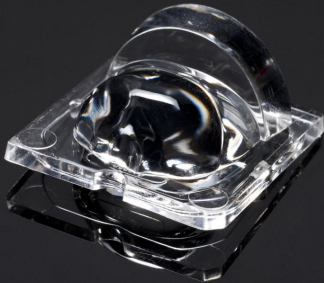
Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	-
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	25 x 25 mm		
Height	8.15 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin", "screw"]		
Status	Production ready		

**Product number C13118_STRADA-SQ-A-T**

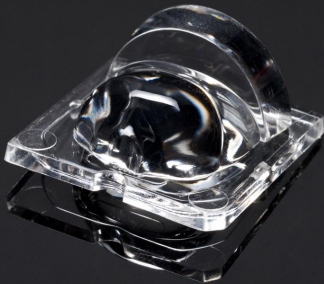
Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	93 %
LED	XM-L	cd/lm	0.300
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	9 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin", "screw"]		
Status	Production ready		

**Product number CA13119_STRADA-SQ-A-T**

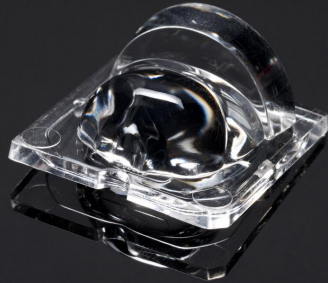
Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	93 %
LED	XM-L	cd/lm	0.300
Color	Clear	Gerber File	Available
Diameter	25 + 25 mm		
Height	9.1 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape", "screw"]		
Status	Production ready		

**Product number C13757_STRADA-SQ-FS-NP**

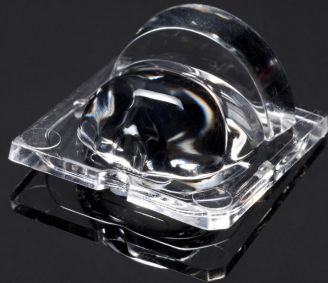
Family	Strada-SQ	FWHM	asymmetric degrees
Type	Lens	Efficiency	93 %
LED	XM-L	cd/lm	1.200
Color	Clear	Gerber File	Available
Diameter	25x25 mm		
Height	12.4 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CA13758_STRADA-SQ-FS-NP**

Family	Strada-SQ	FWHM	asymmetric degrees
Type	Assembly	Efficiency	93 %
LED	XM-L	cd/lm	1.200
Color	Clear	Gerber File	Available
Diameter	25x25 mm		
Height	12.6 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		


Product number C13896_STRADA-SQ-FS

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Lens	Efficiency	93 %
LED	XM-L	cd/lm	1.200
Color	Clear	Gerber File	Available
Diameter	25x25 mm		
Height	12.4 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		


Product number CA13897_STRADA-SQ-FS

Family	Strada-SQ	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	93 %
LED	XM-L	cd/lm	1.200
Color	Clear	Gerber File	Available
Diameter	25x25 mm		
Height	12.6 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		


Product number C13866_STRADA-SQ-CY

Family	Strada-SQ	FWHM	122+116 degrees
Type	Lens	Efficiency	94 %
LED	XM-L	cd/lm	0.440
Color	Clear	Gerber File	Available
Diameter	25x25 mm		
Height	10.1 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin", "glue"]		
Status	Production ready		


Product number CA14219_STRADA-SQ-CY

Family	Strada-SQ	FWHM	122+116 degrees
Type	Assembly	Efficiency	94 %
LED	XM-L	cd/lm	0.440
Color	Clear	Gerber File	Available
Diameter	25x25 mm		
Height	10.1 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape", "screw"]		
Status	Production ready		

**Product number C12727_STRADA-SQ-VSM**

Family	Strada-SQ	FWHM	154 degrees
Type	Lens	Efficiency	93 %
LED	XM-L	cd/lm	0.200
Color	Clear	Gerber File	Available
Diameter	25 x 25 mm		
Height	6.8 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "screw", "pin"]		
Status	Production ready		

Product number CA12891_STRADA-SQ-VSM

Family	Strada-SQ	FWHM	154 degrees
Type	Assembly	Efficiency	93 %
LED	XM-L	cd/lm	0.200
Color	Clear	Gerber File	Available
Diameter	25 x 25 mm		
Height	6.95 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin", "tape"]		
Status	Production ready		

Product number CA13362_STRADA-SQ-VSM

Family	Strada-SQ	FWHM	154 degrees
Type	Assembly	Efficiency	93 %
LED	XM-L	cd/lm	0.200
Color	Clear	Gerber File	Available
Diameter	25 mm		
Height	6.9 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "tape"]		
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-SQ series

last update 21/9/2016

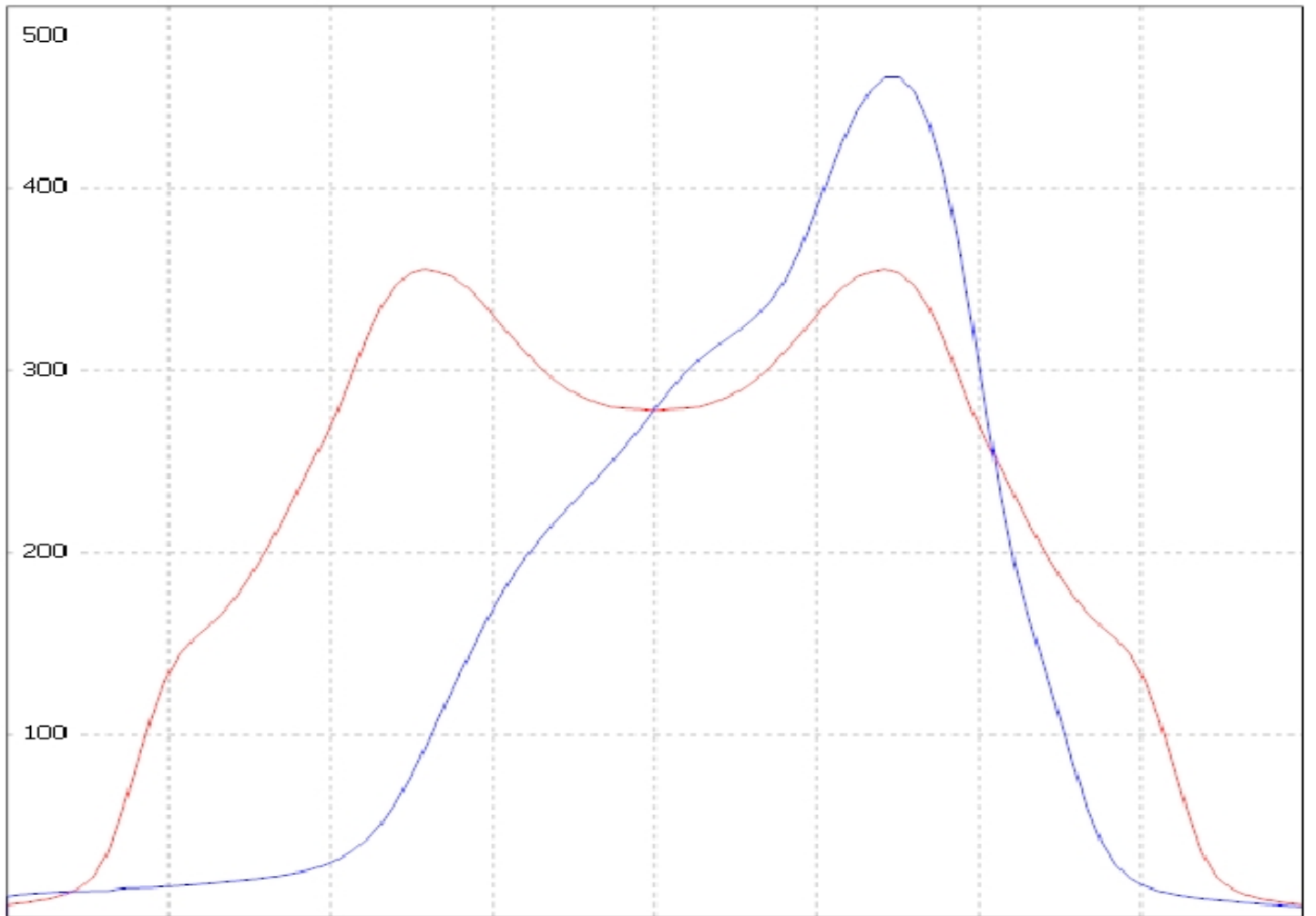
GENERAL INFORMATION

- 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.

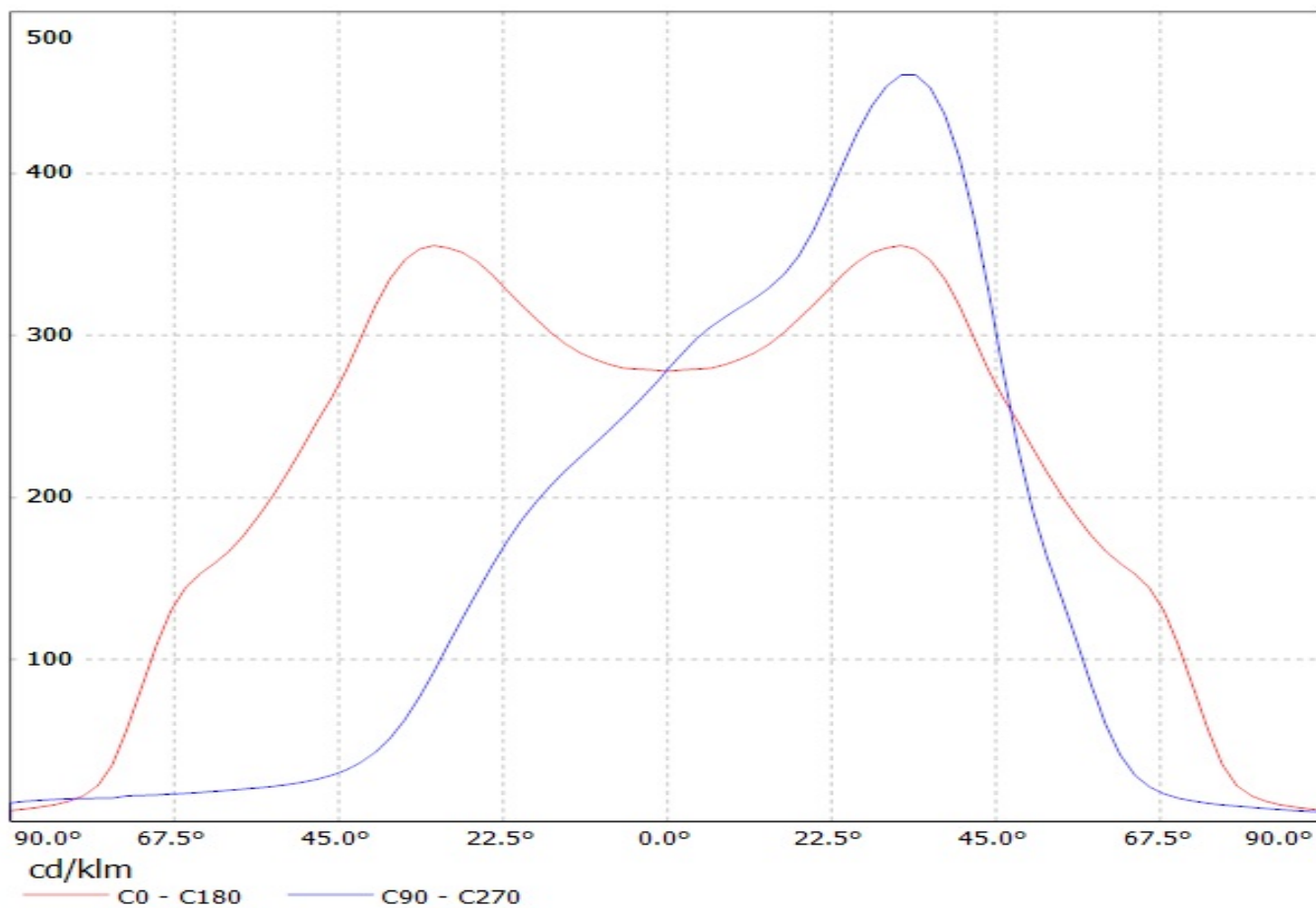
Please find more information about used material from below:

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

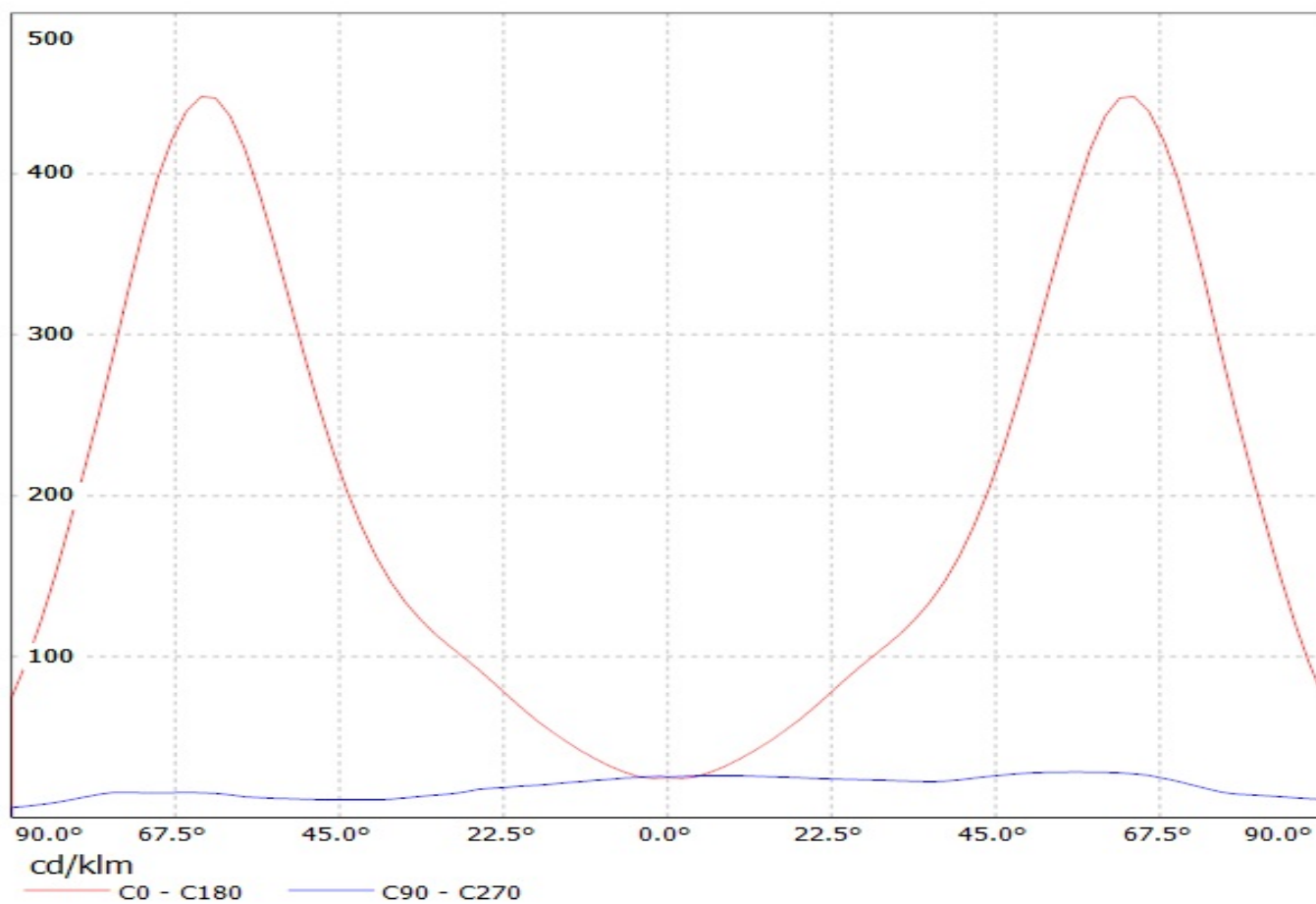
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>



Luminaire: Ledil Oy CA11890_Strada-SQ-T-DN-XM-L-TAPE CA11890_Strada-SQ-T-DN-XM-L-TAPE
Lamps: 1 x Cree XM-L(White)

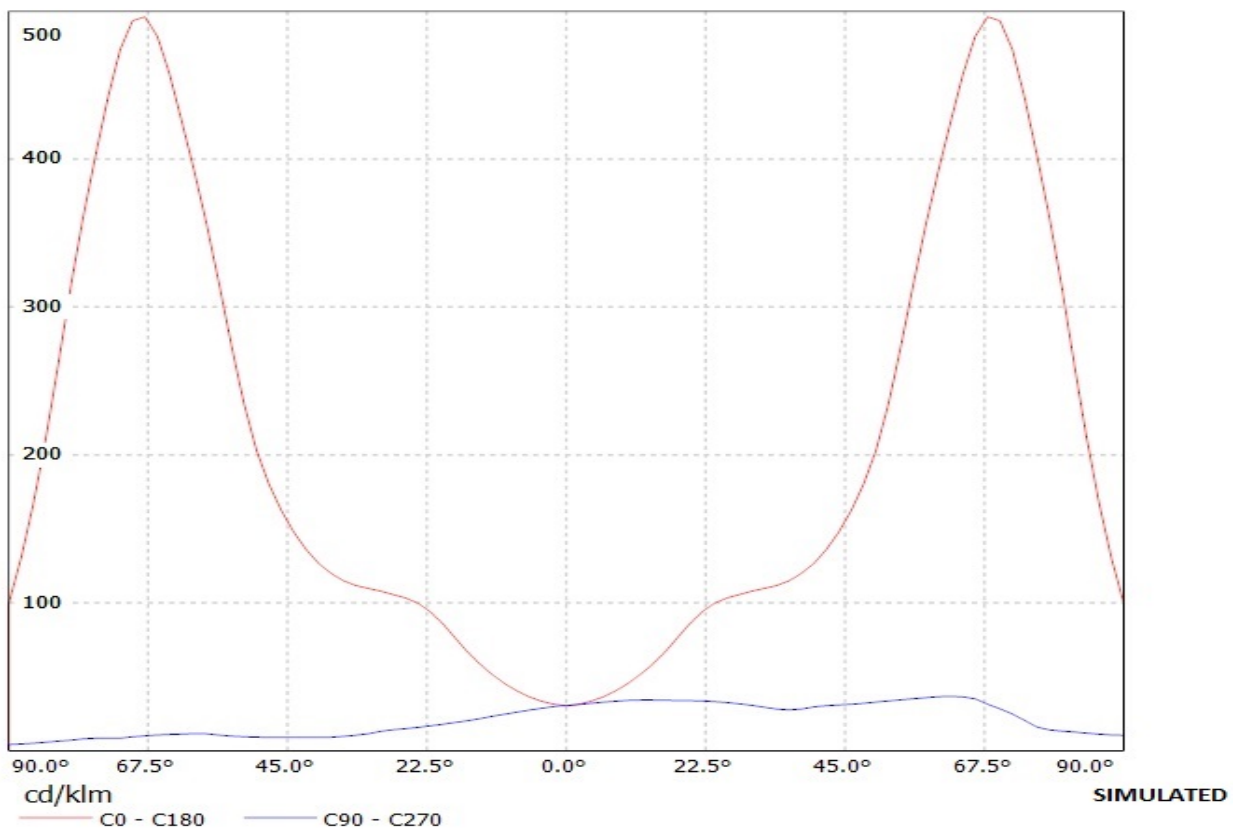


Luminaire: Ledil Oy CA11892_Strada-SQ-T-DW-XM-L-EU-TAPE CA11892_Strada-SQ-T-DW-XM-L-EU-TAPE
Lamps: 1 x Cree XM-L White

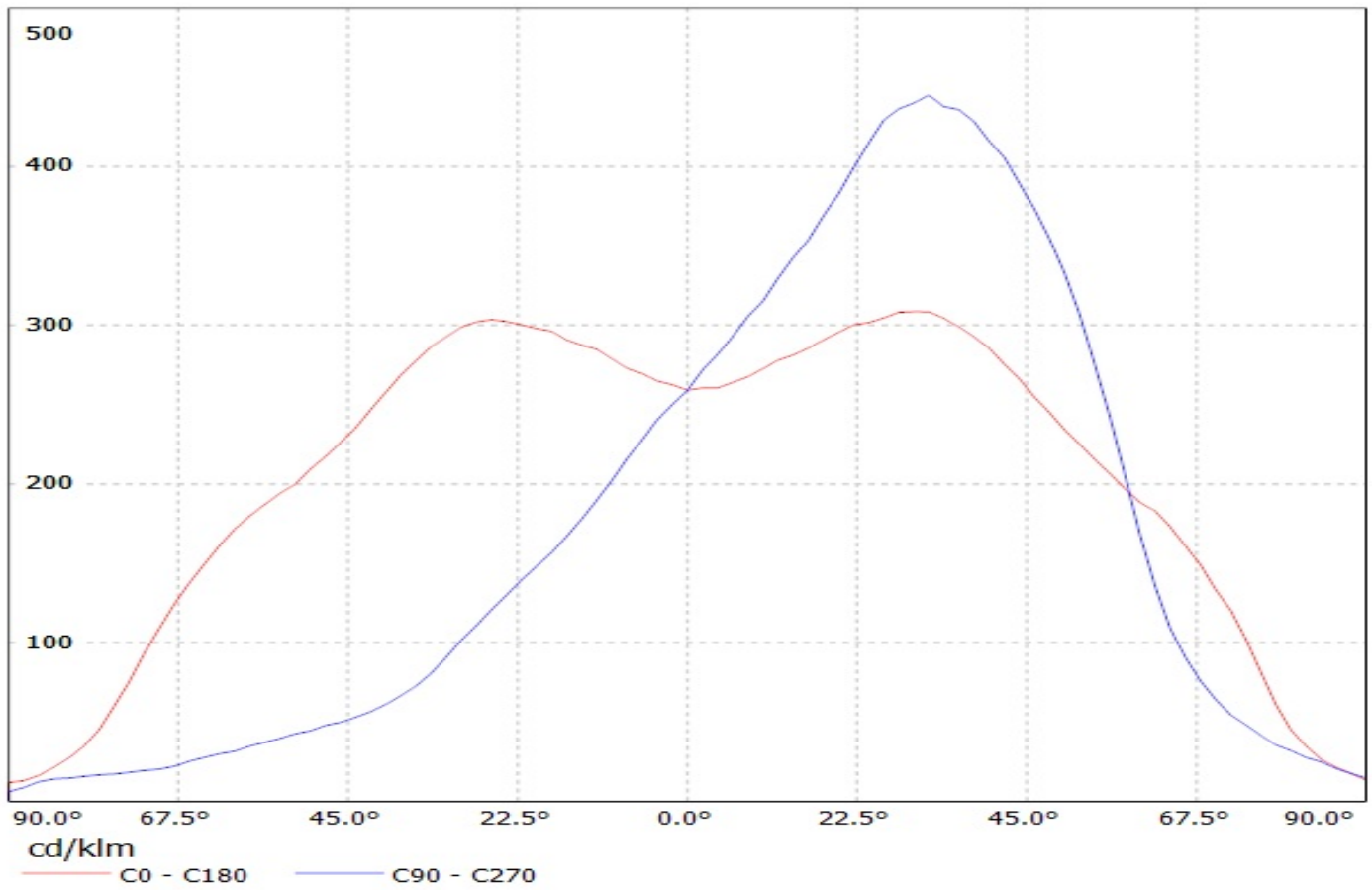


Ledil Oy CA11963_Strada-SQ-T-DW-XM-L-US-TAPE CA11963_Strada-SQ-T-DW-XM-L-US-TAPE /
LDC (Linear)

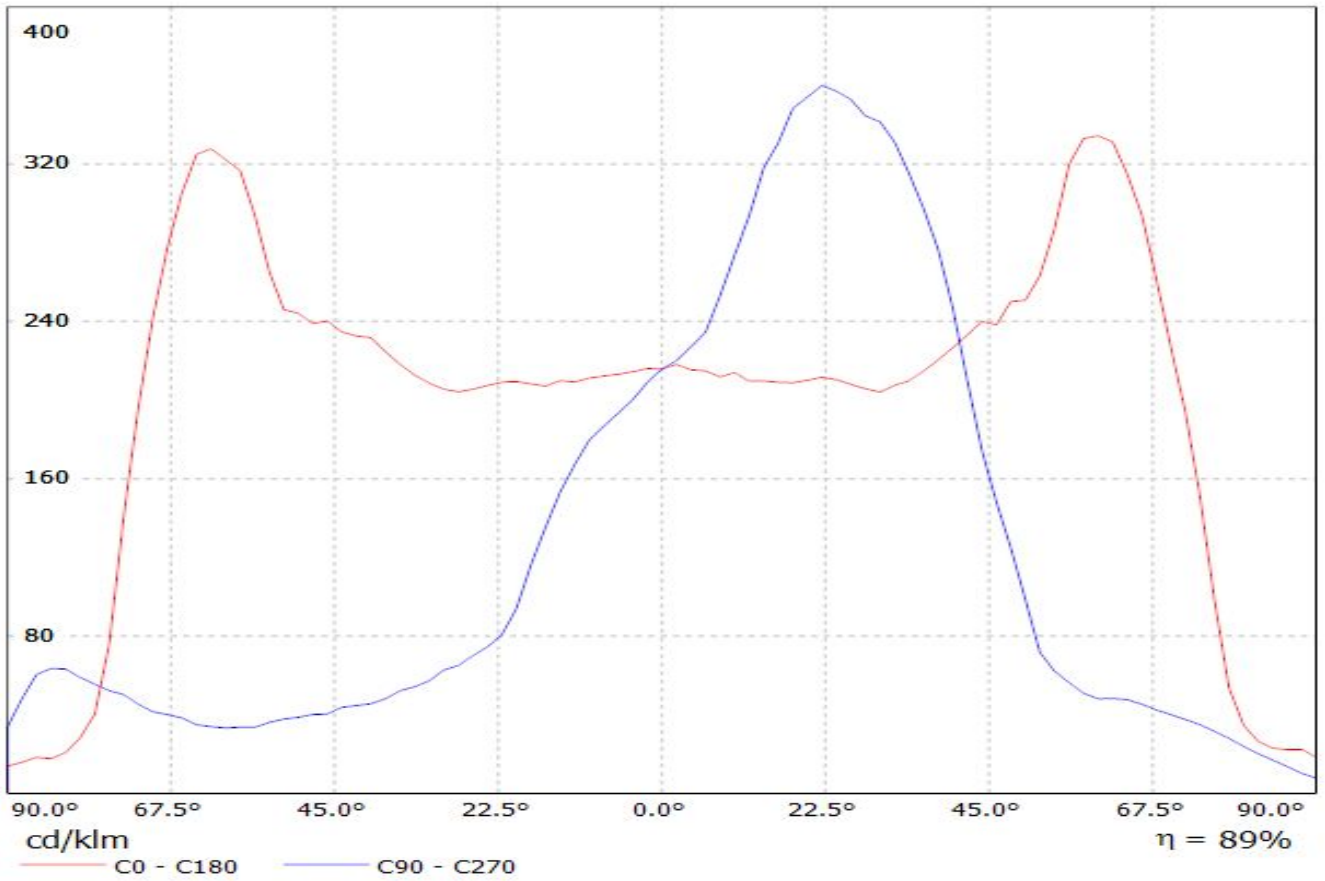
Luminaire: Ledil Oy CA11963_Strada-SQ-T-DW-XM-L-US-TAPE CA11963_Strada-SQ-T-DW-XM-L-US-TAPE
Lamps: 1 x xm-l



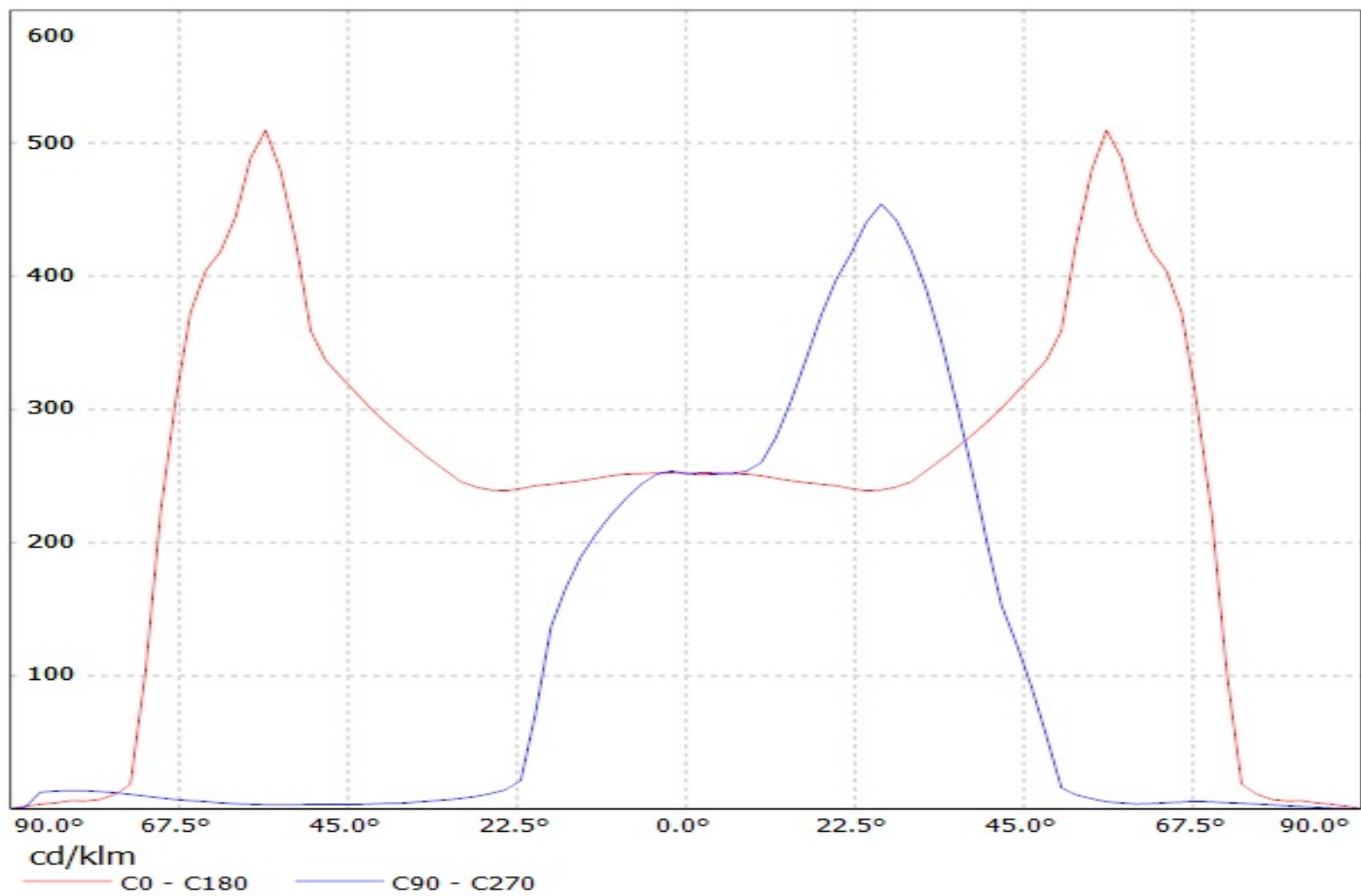
Luminaire: Ledil oy CA12311_STRADA-SQ-T-DN/C12313_STRADA-SQ-T-DN (Cree XM-L) Efficiency=92%
Lamps: 1 x Cree XM-L 111lm @ 250mA



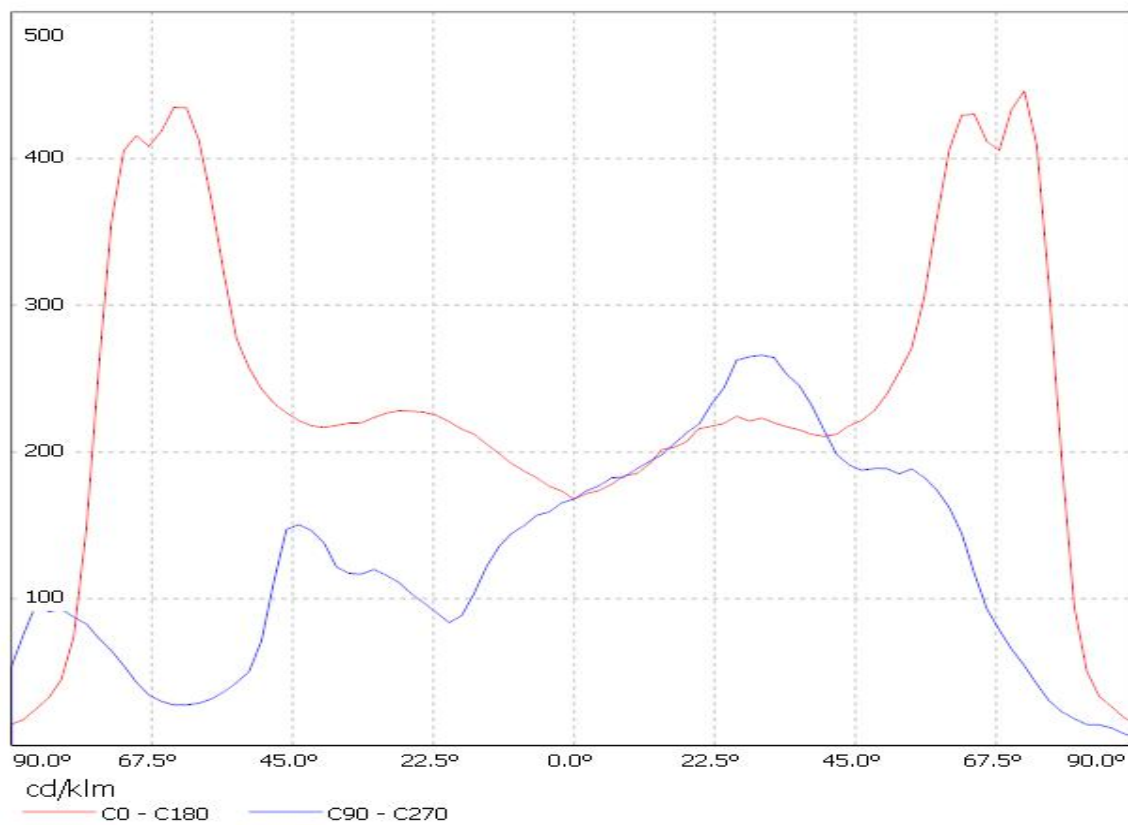
Luminaire: Ledil Oy C12410_STRADA-SQ-A-T-XM-L Efficiency=88%
Lamps: 1 x Cree XM-L 95lm @ 250mA



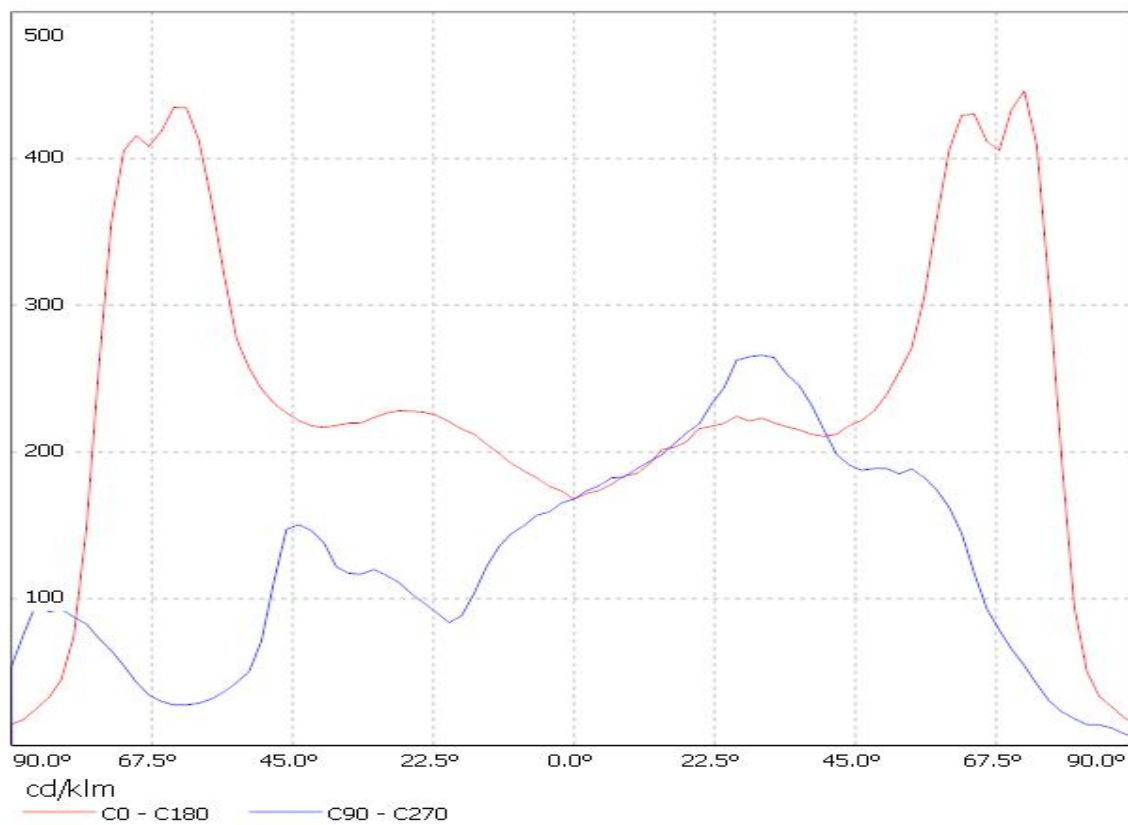
Luminaire: Ledil oy C12410_STRADA-SQ-A-T-XM-L LOR=88%
Lamps: 1 x Cree XM-L 250mA 95lm



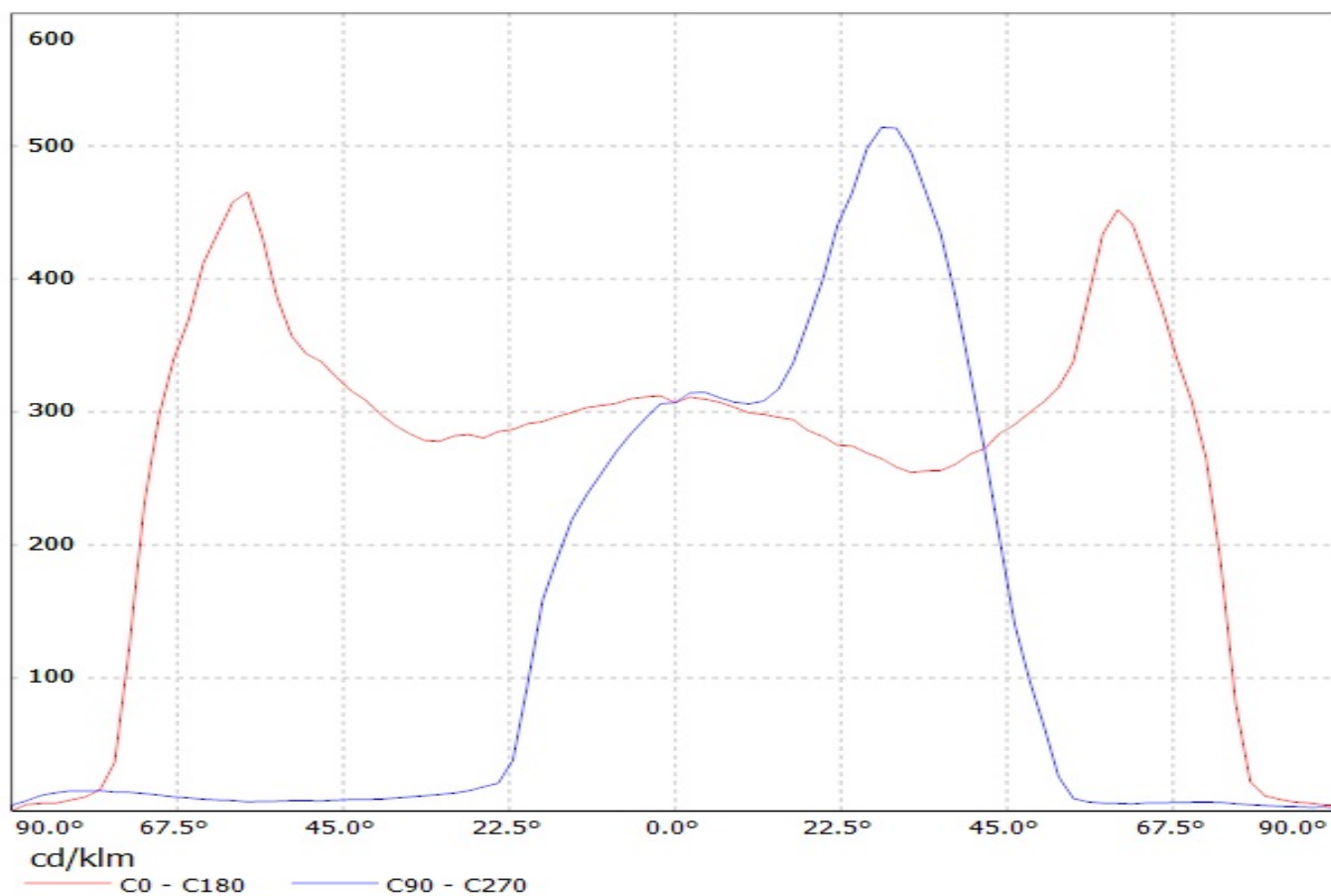
Luminaire: Ledil Oy C12726_STRADA-SQ-T-DWC/CA12889_STRADA-SQ-T-DWC (Cree XM-L 90lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 90lm @ 250mA



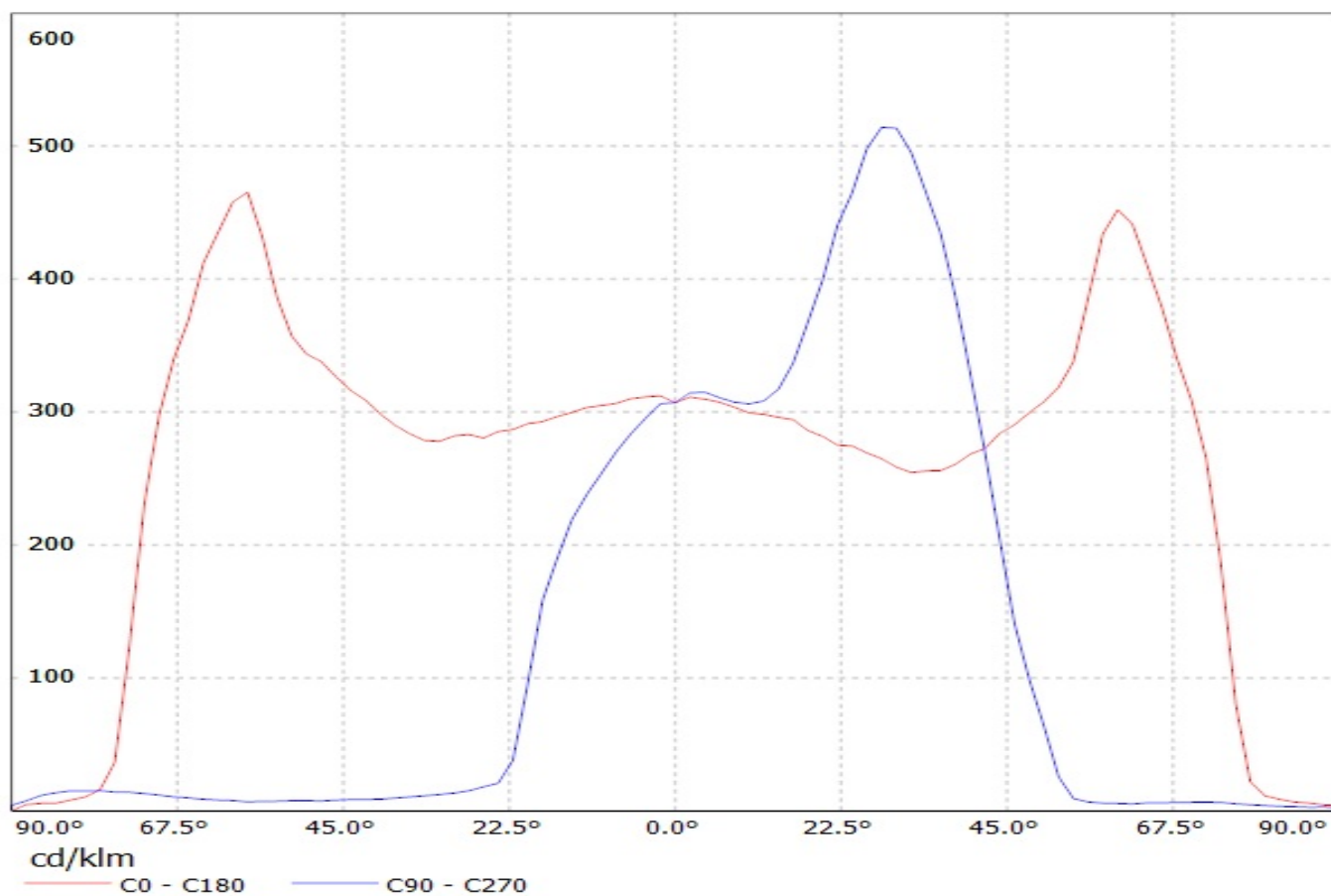
Luminaire: Ledil Oy C12726_STRADA-SQ-T-DWC/CA12889_STRADA-SQ-T-DWC (Cree XM-L 90lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 90lm @ 250mA



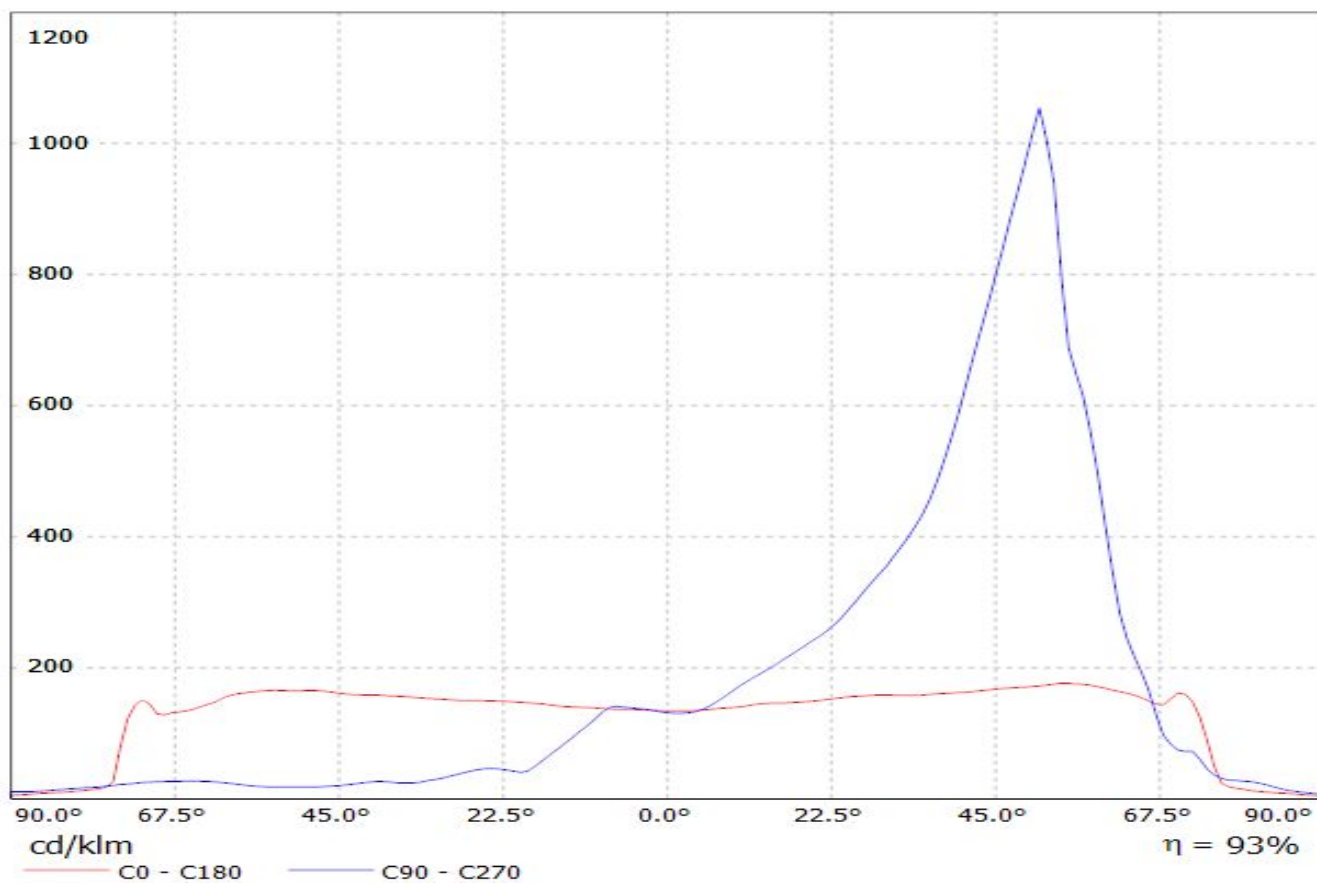
Luminaire: LEDiL Oy C13118_&_CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)



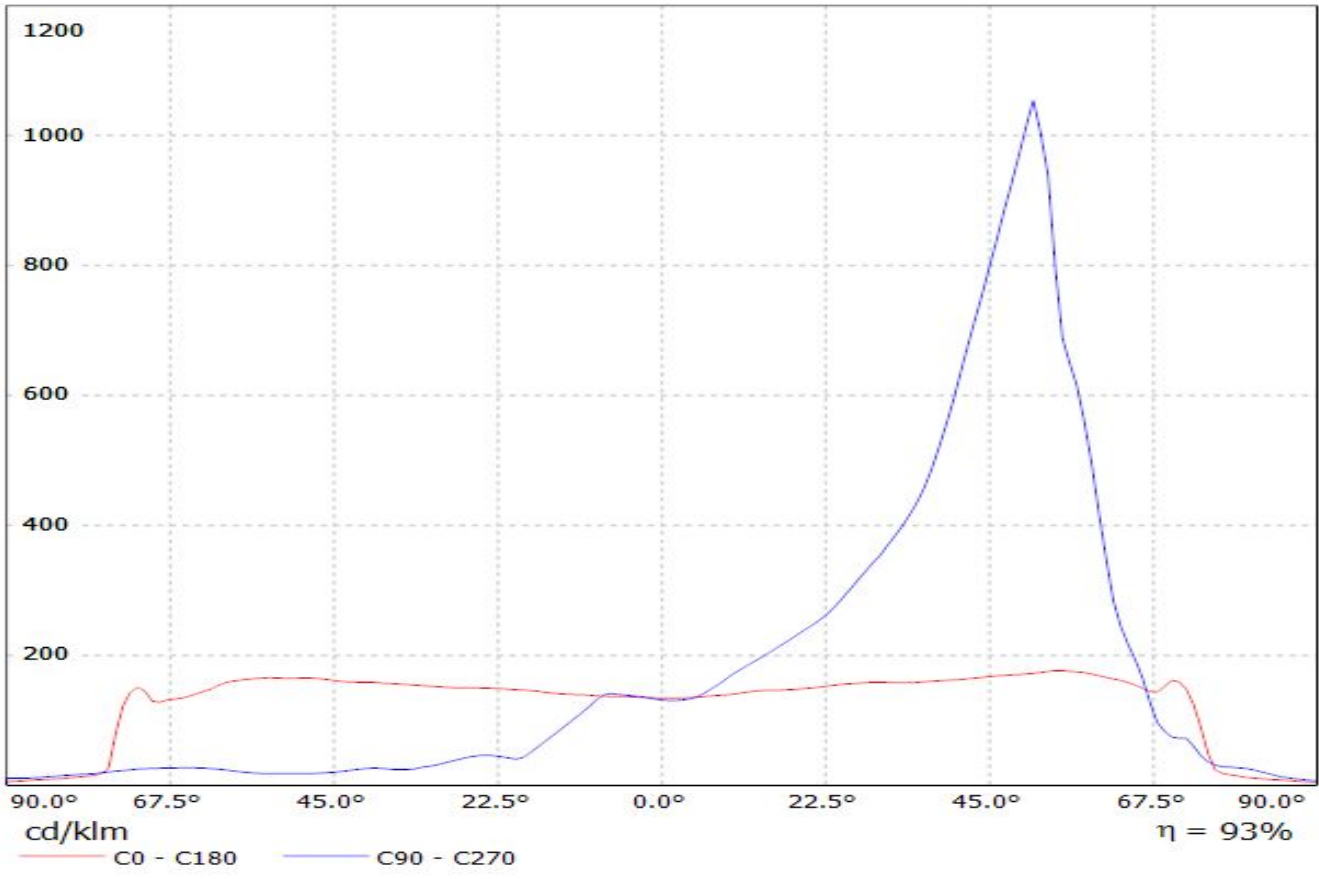
Luminaire: LEDiL Oy C13118_&_CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)



Luminaire: LEDiL Oy C13757_STRADA-SQ-FS-NP_(XM-L) Eff.93.1%
Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)_100.386lm@259mA_P=0.724735W_I=249.9mA

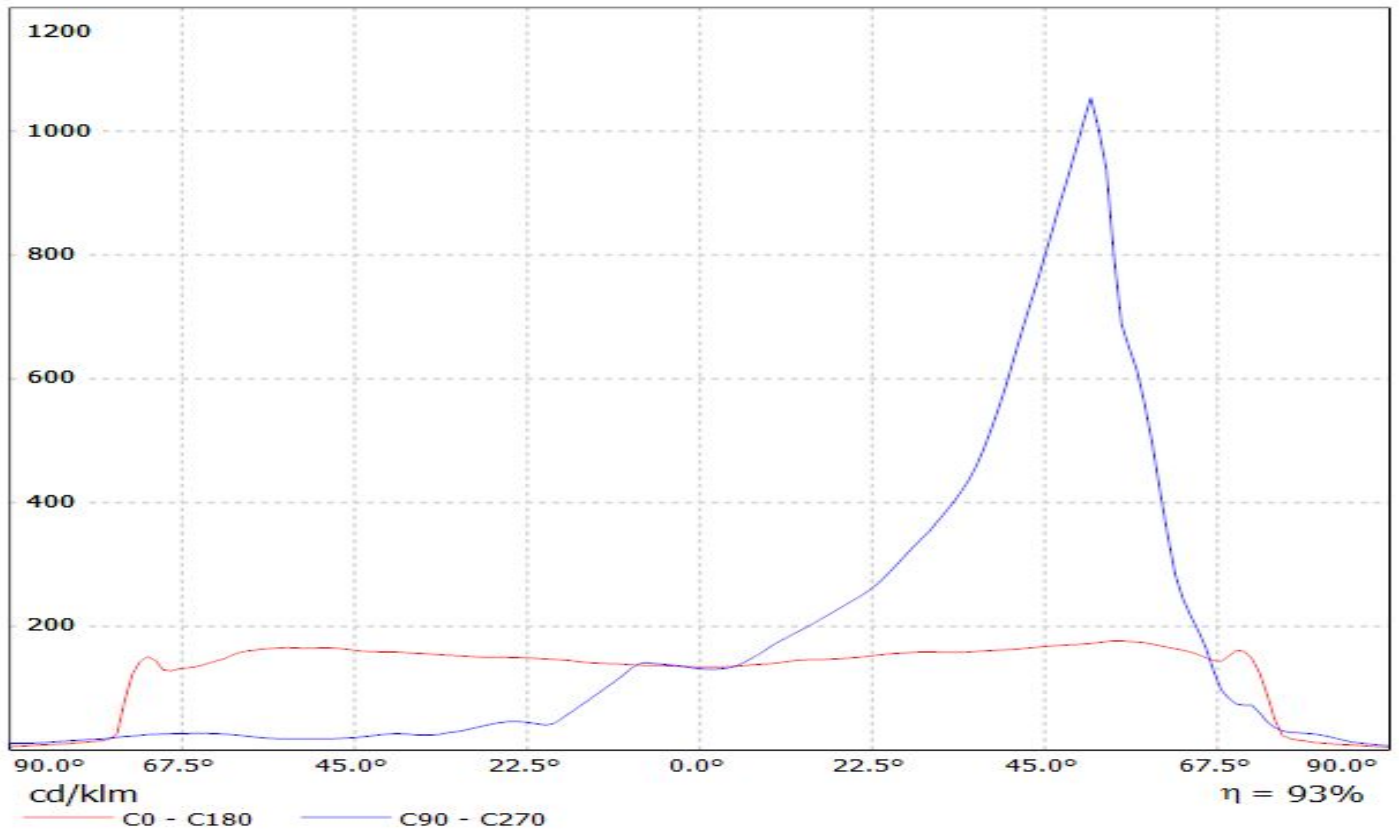


Luminaire: LEDiL Oy CA13758_STRADA-SQ-FS-NP_(XM-L) Eff.93.1%
Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)_100.386lm@259mA_P=0.724735W_I=249.9mA



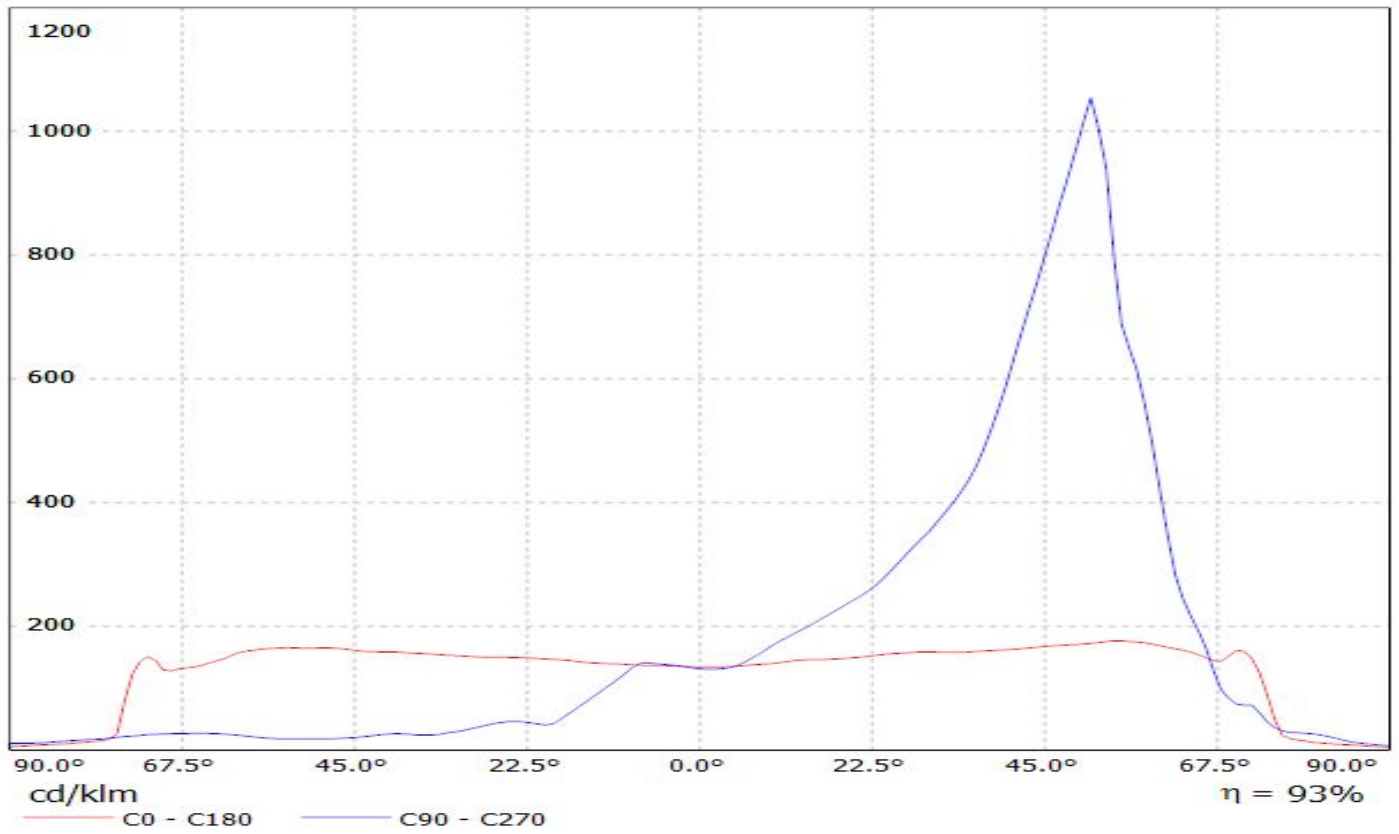
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%
Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)
_100.386lm@259mA_P=0.724735W_I=249.9mA

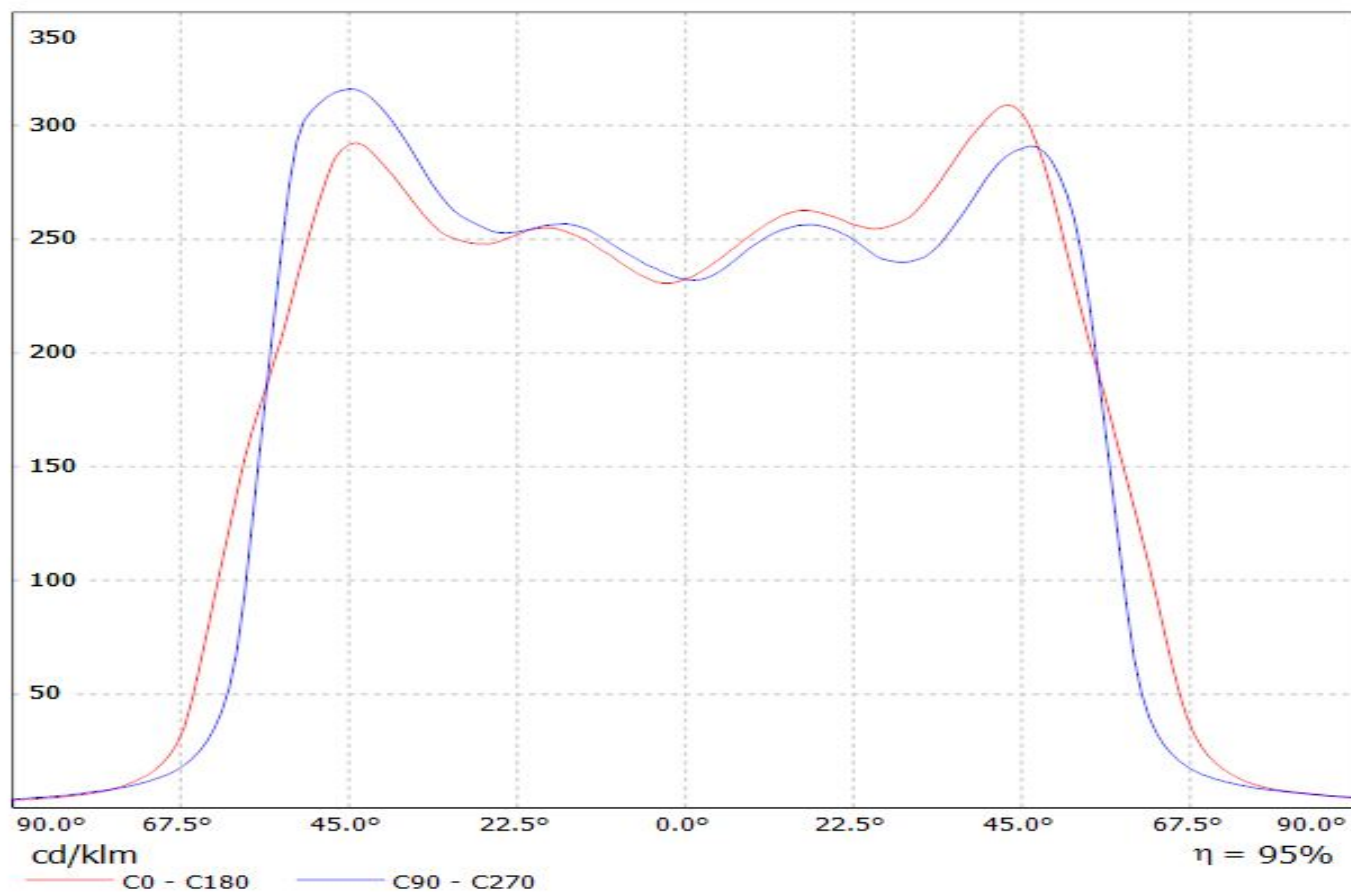


LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Linear)

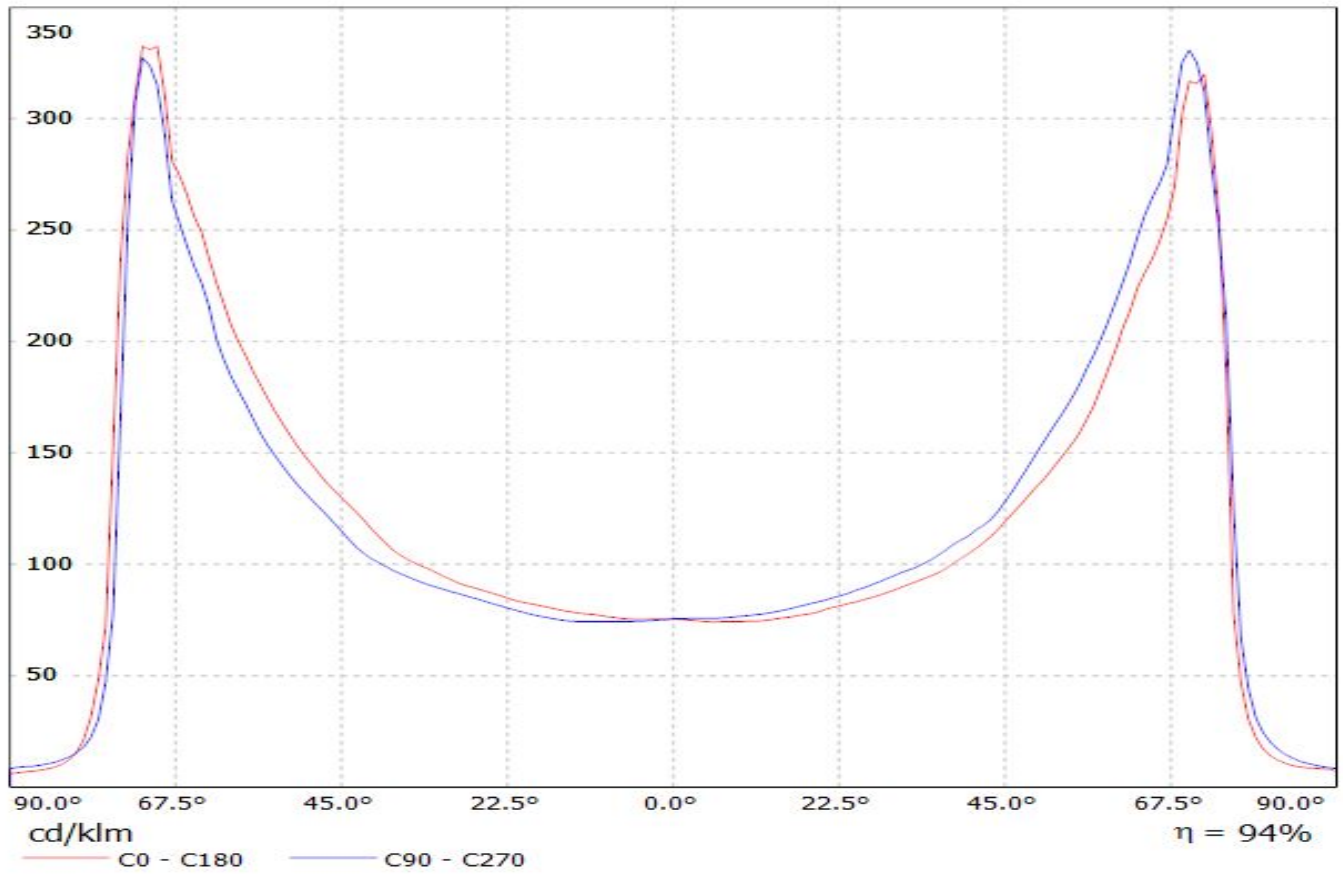
Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%
Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)
_100.386lm@259mA_P=0.724735W_I=249.9mA



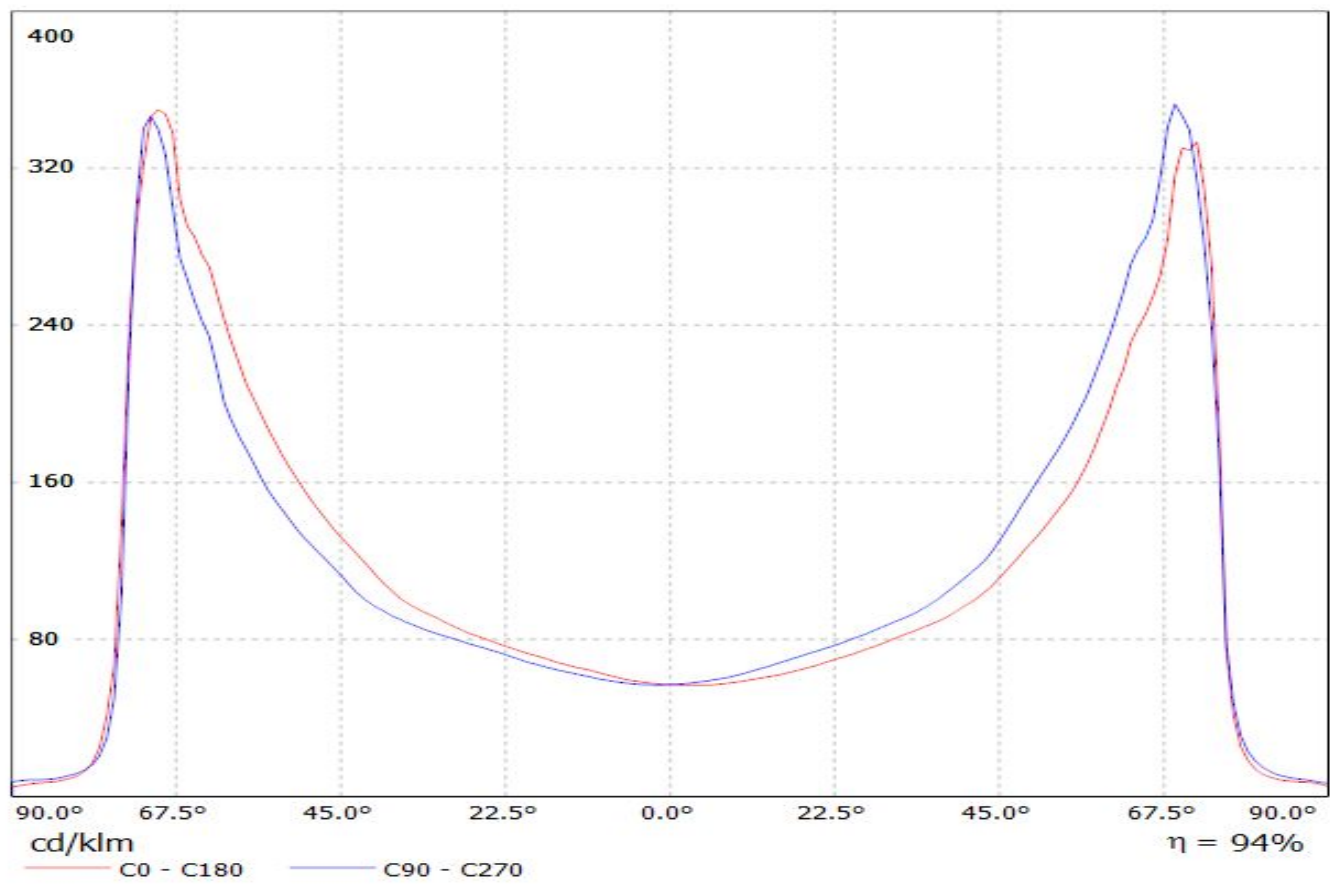
Luminaire: LEDiL Oy C13866_STRADA-SQ-CY_(XM-L) Eff.94%
Lamps: 1 x CREE_XM-L_79.1lm@250mA_P=0.712W_I=250mA



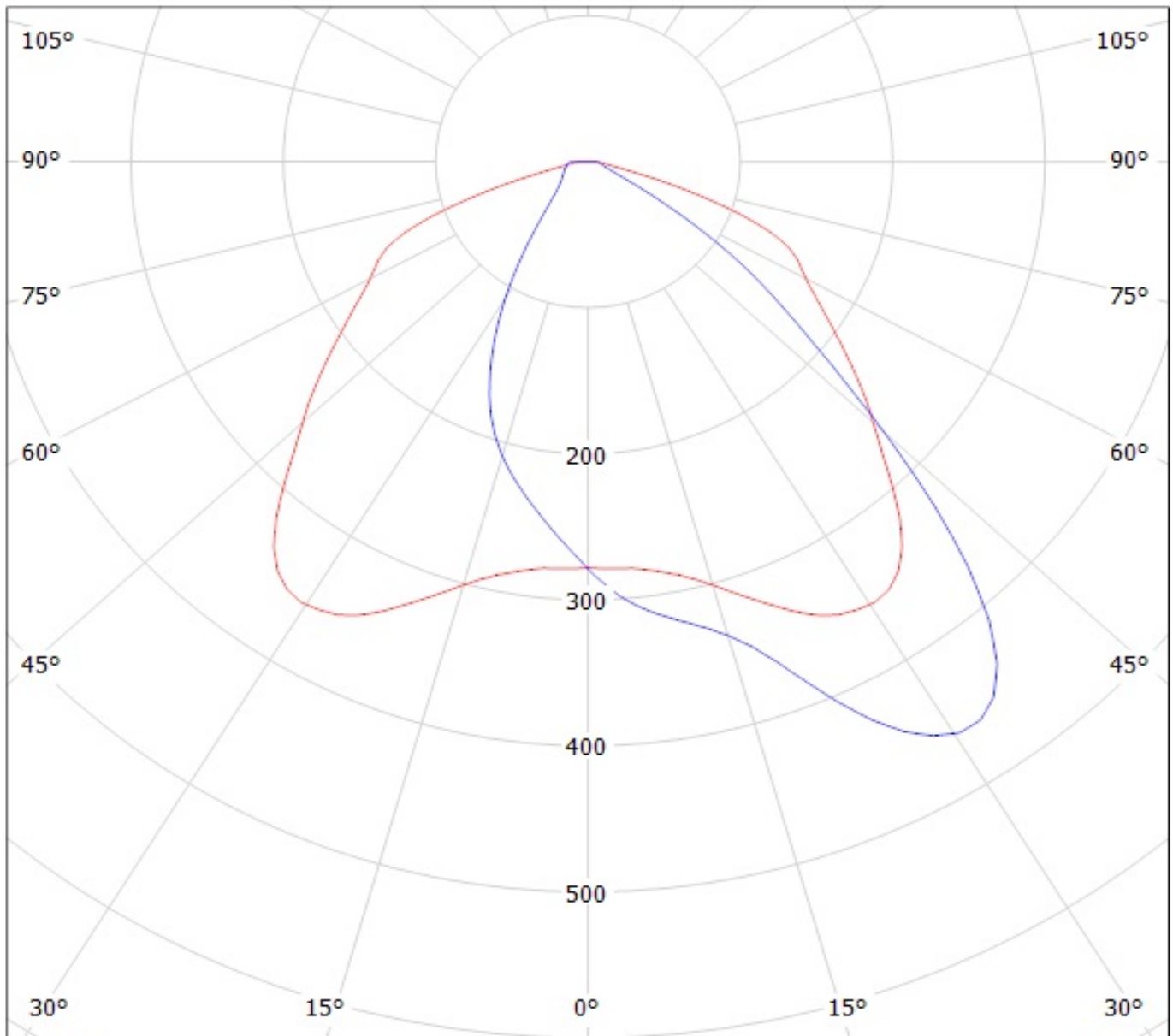
Luminaire: LEDiL Oy C12727_STRADA-SQ-VSM_(XM-L) Eff.93%
Lamps: 1 x CREE_XM-L_78.0576lm@250mA_P=0.71104W_I=249.9mA



Luminaire: LEDiL Oy CA12891_STRADA-SQ-VSM_(XM-L) Eff.93%
Lamps: 1 x CREE_XM-L_78.0576lm@250mA_P=0.71104W_I=249.9mA



Luminaire: Ledil Oy CA11890_Strada-SQ-T-DN-XM-L-TAPE CA11890_Strada-SQ-T-DN-XM-L-TAPE
Lamps: 1 x Cree XM-L(White)

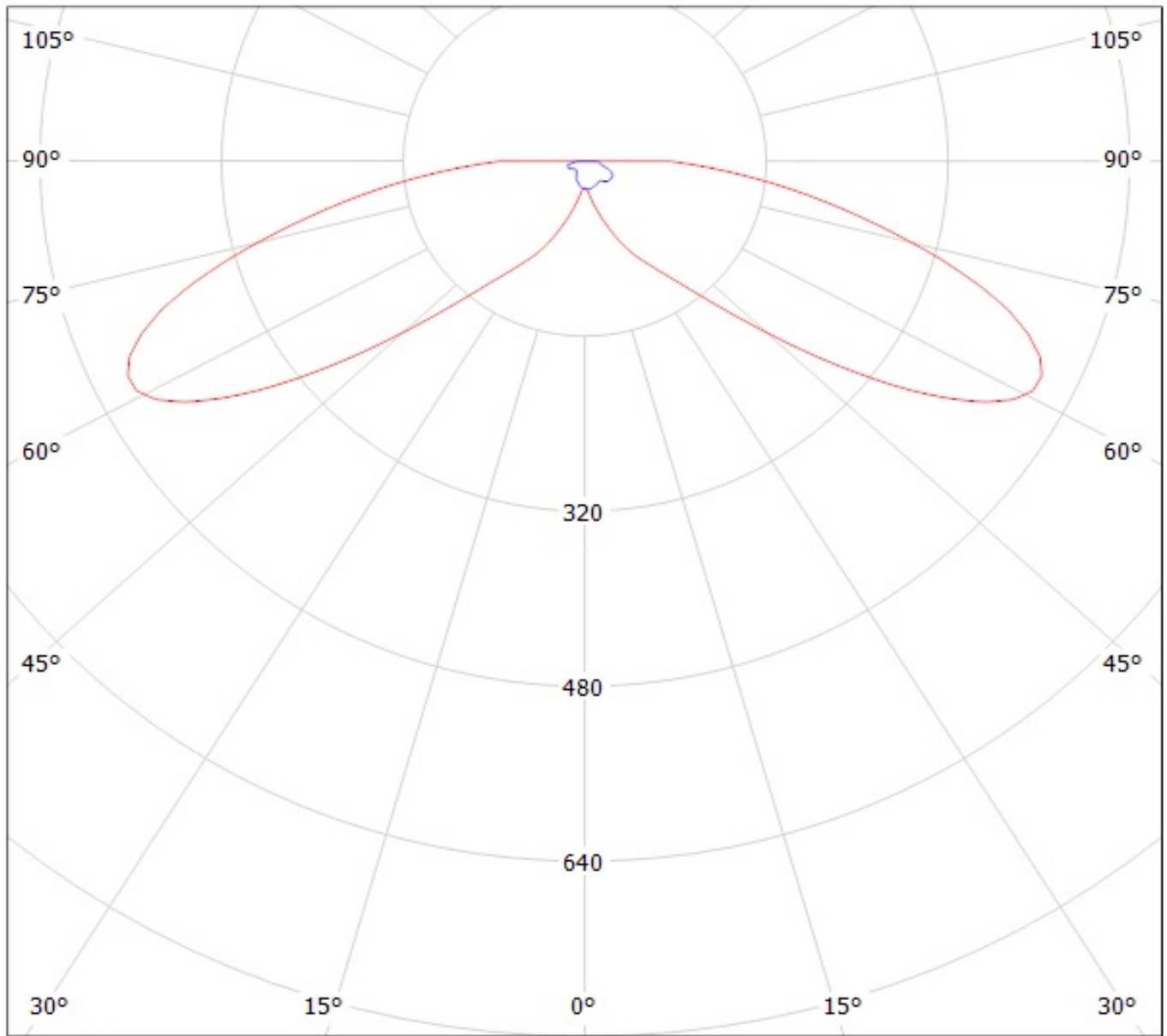


cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy CA11892_Strada-SQ-T-DW-XM-L-EU-TAPE CA11892_Strada-SQ-T-DW-XM-L-EU-TAPE
Lamps: 1 x Cree XM-L White

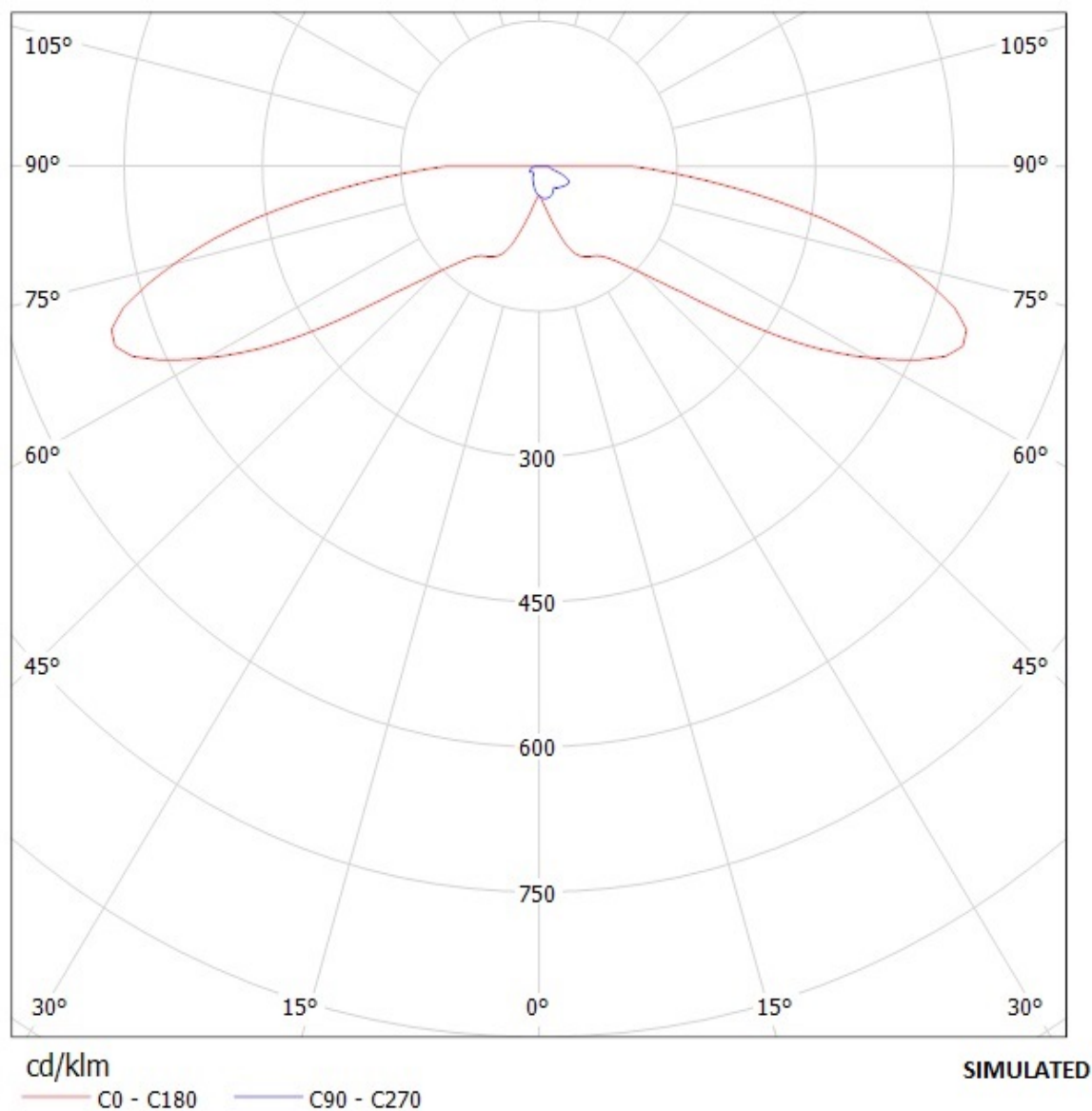


cd/klm

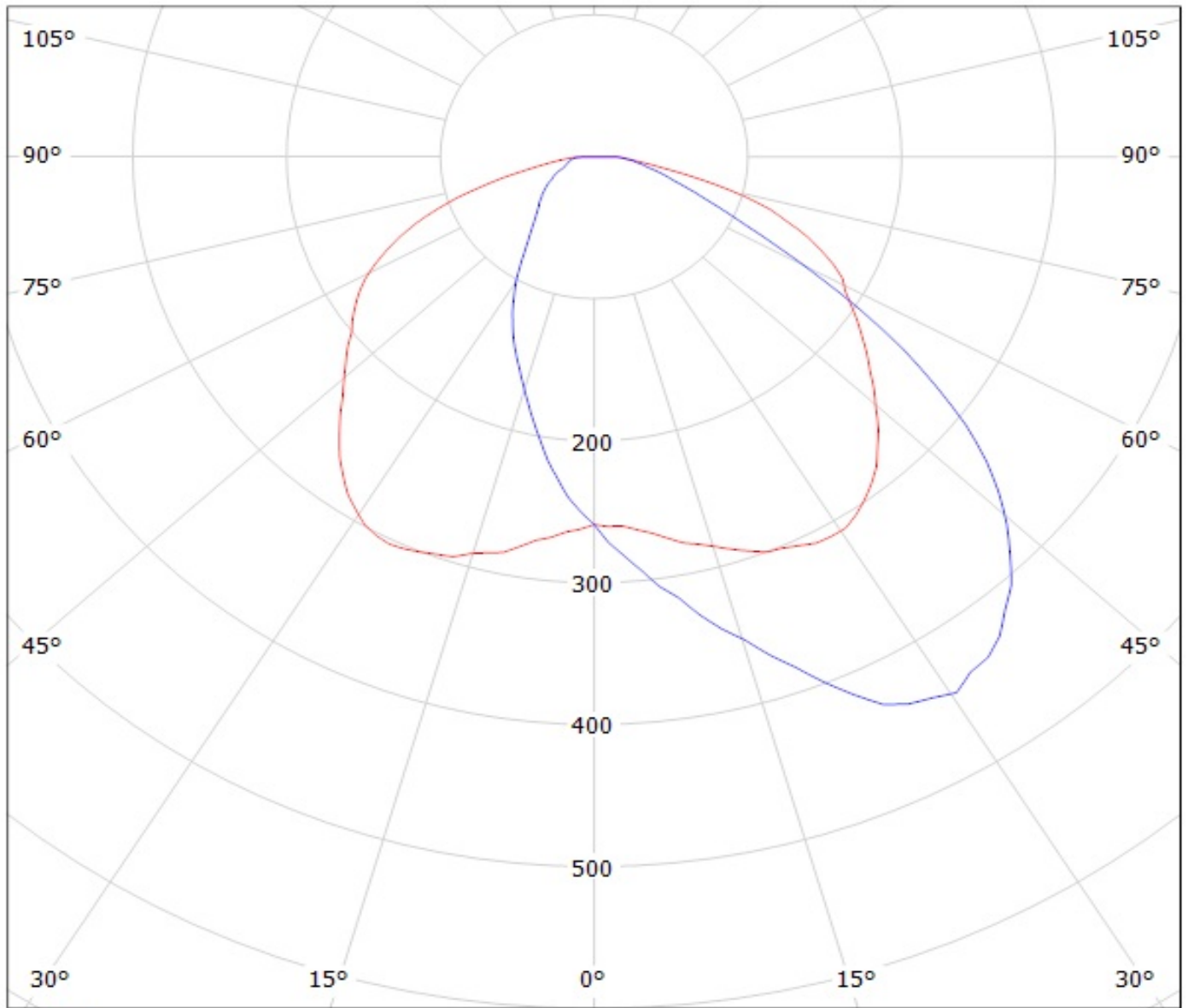
— C0 - C180 — C90 - C270

Ledil Oy CA11963_Strada-SQ-T-DW-XM-L-US-TAPE CA11963_Strada-SQ-T-DW-XM-L-US-TAPE /
LDC (Polar)

Luminaire: Ledil Oy CA11963_Strada-SQ-T-DW-XM-L-US-TAPE CA11963_Strada-SQ-T-DW-XM-L-US-TAPE
Lamps: 1 x xm-l



Luminaire: Ledil oy CA12311_STRADA-SQ-T-DN/C12313_STRADA-SQ-T-DN (Cree XM-L) Efficiency=92%
Lamps: 1 x Cree XM-L 111lm @ 250mA

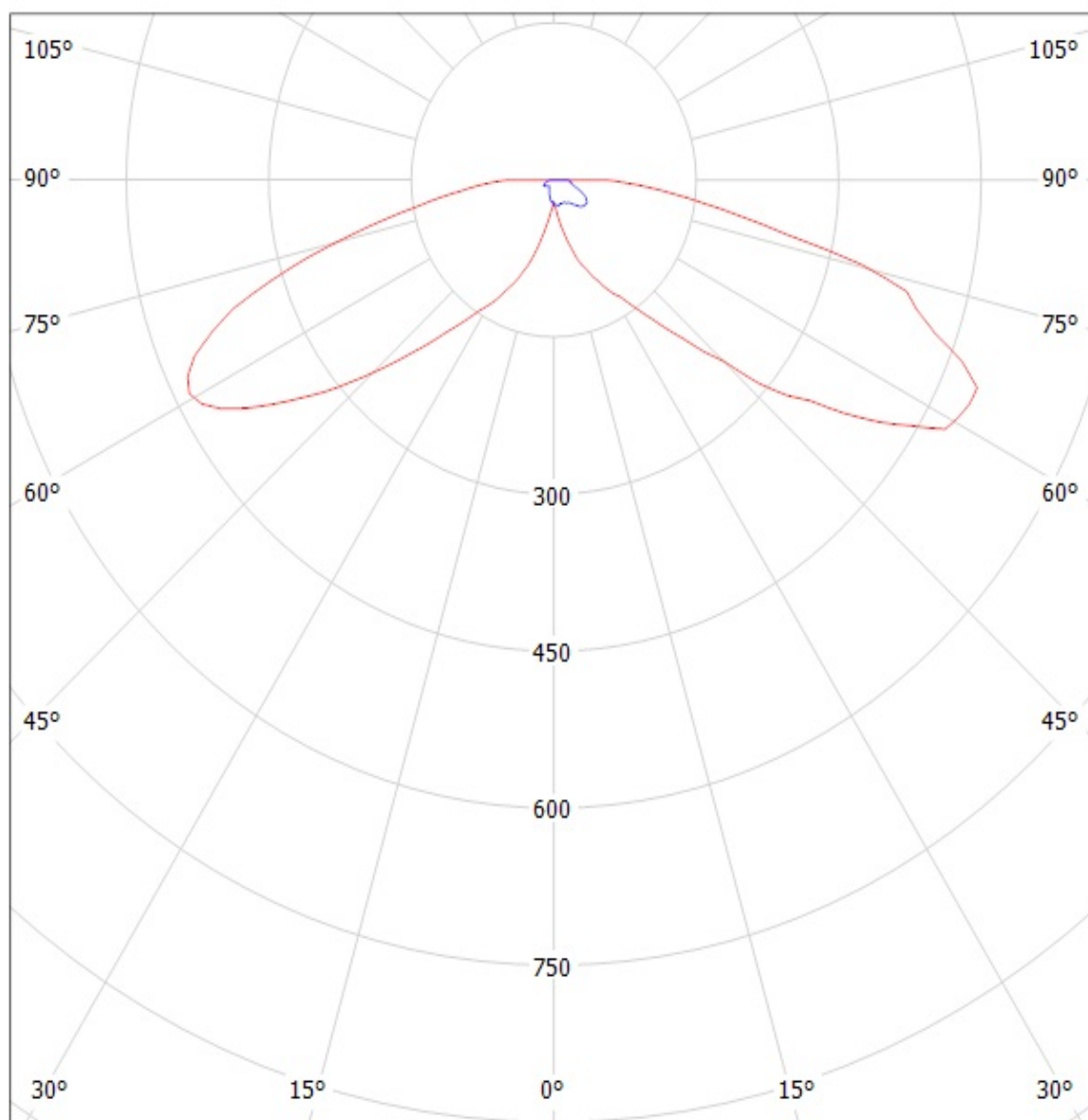


cd/klm

— C0 - C180

— C90 - C270

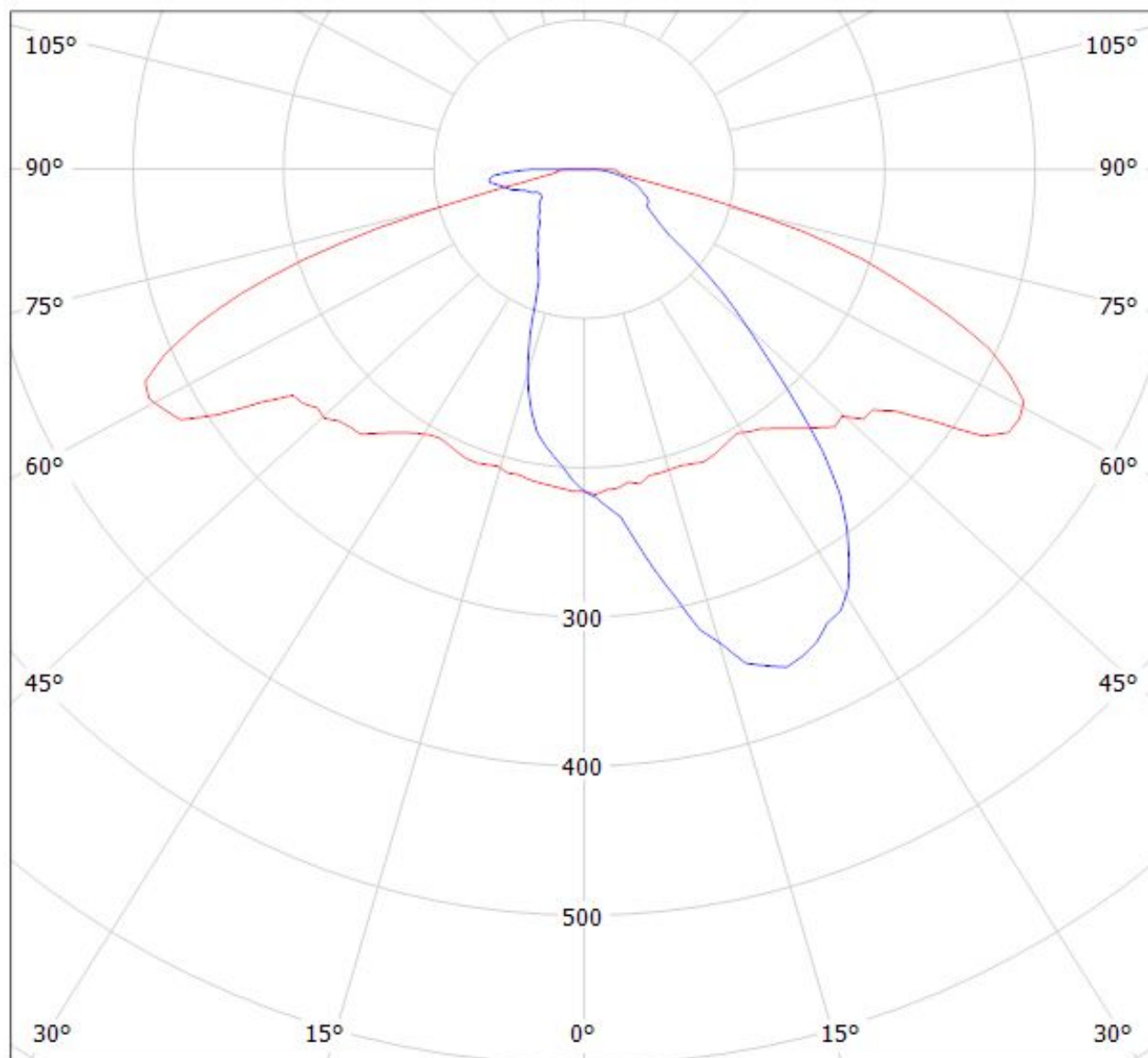
Luminaire: Ledil Oy C12314_STRADA-SQ-T-DW/CA12312_STRADA-SQ-T-DW (Cree XM-L 111lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 111lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy C12410_STRADA-SQ-A-T-XM-L Efficiency=93%
Lamps: 1 x Cree XM-L 95lm @ 250mA

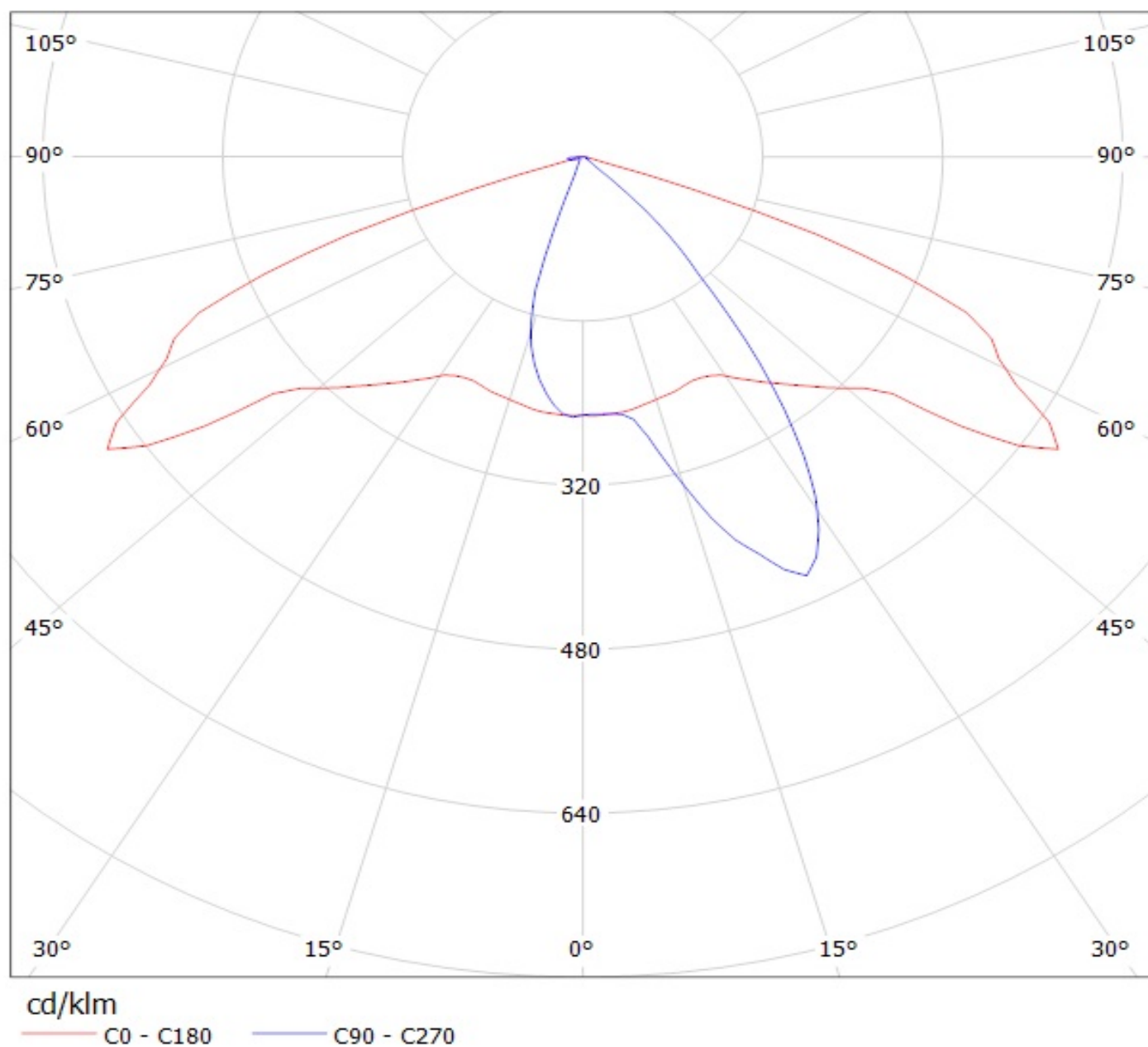


cd/klm

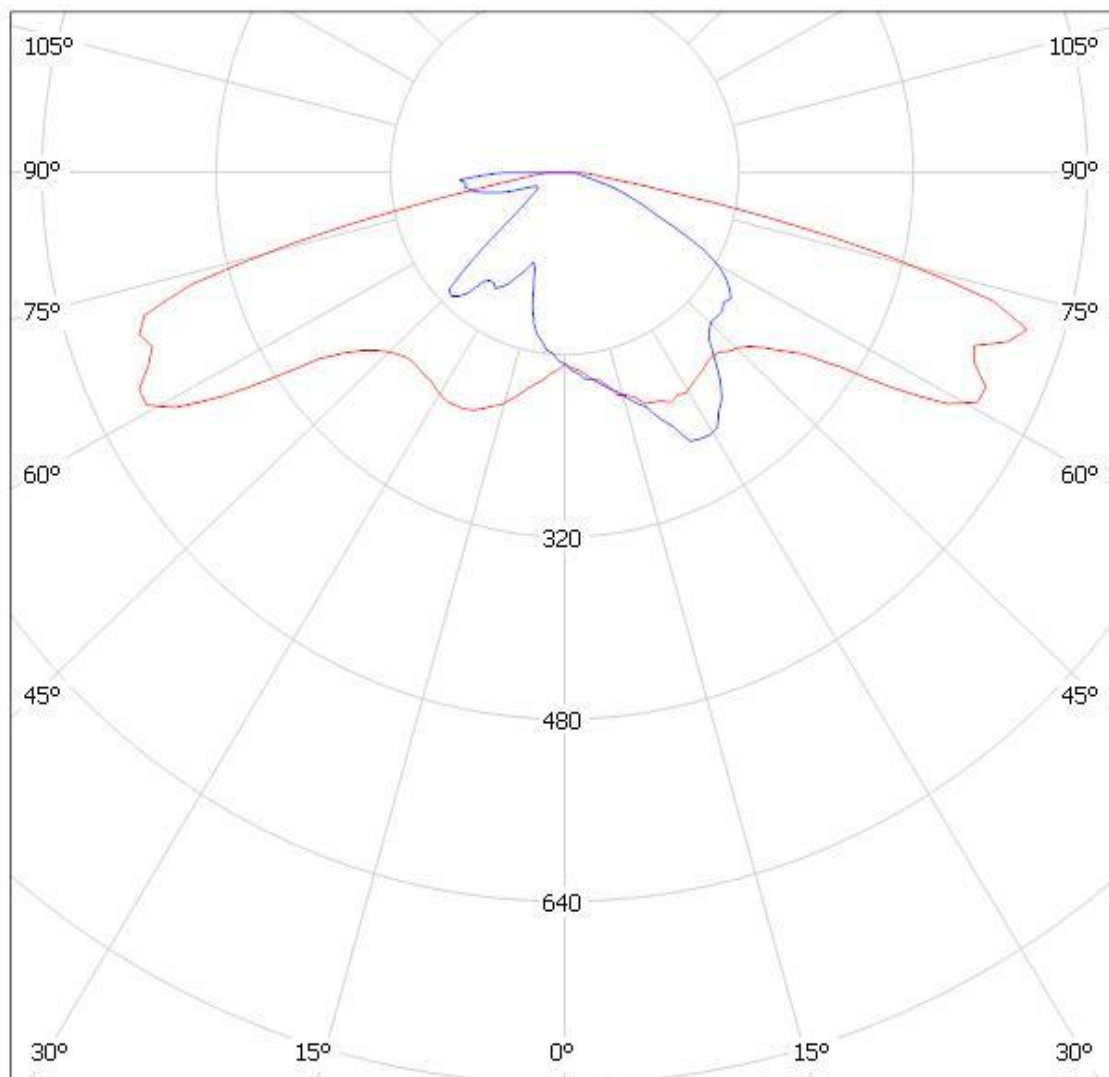
— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil oy C12411_STRADA-SQ-A-T-XM-L LOR=88%
Lamps: 1 x Cree XM-L 250mA 95lm



Luminaire: Ledil Oy C12726_STRADA-SQ-T-DWC/CA12889_STRADA-SQ-T-DWC (Cree XM-L 90lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 90lm @ 250mA

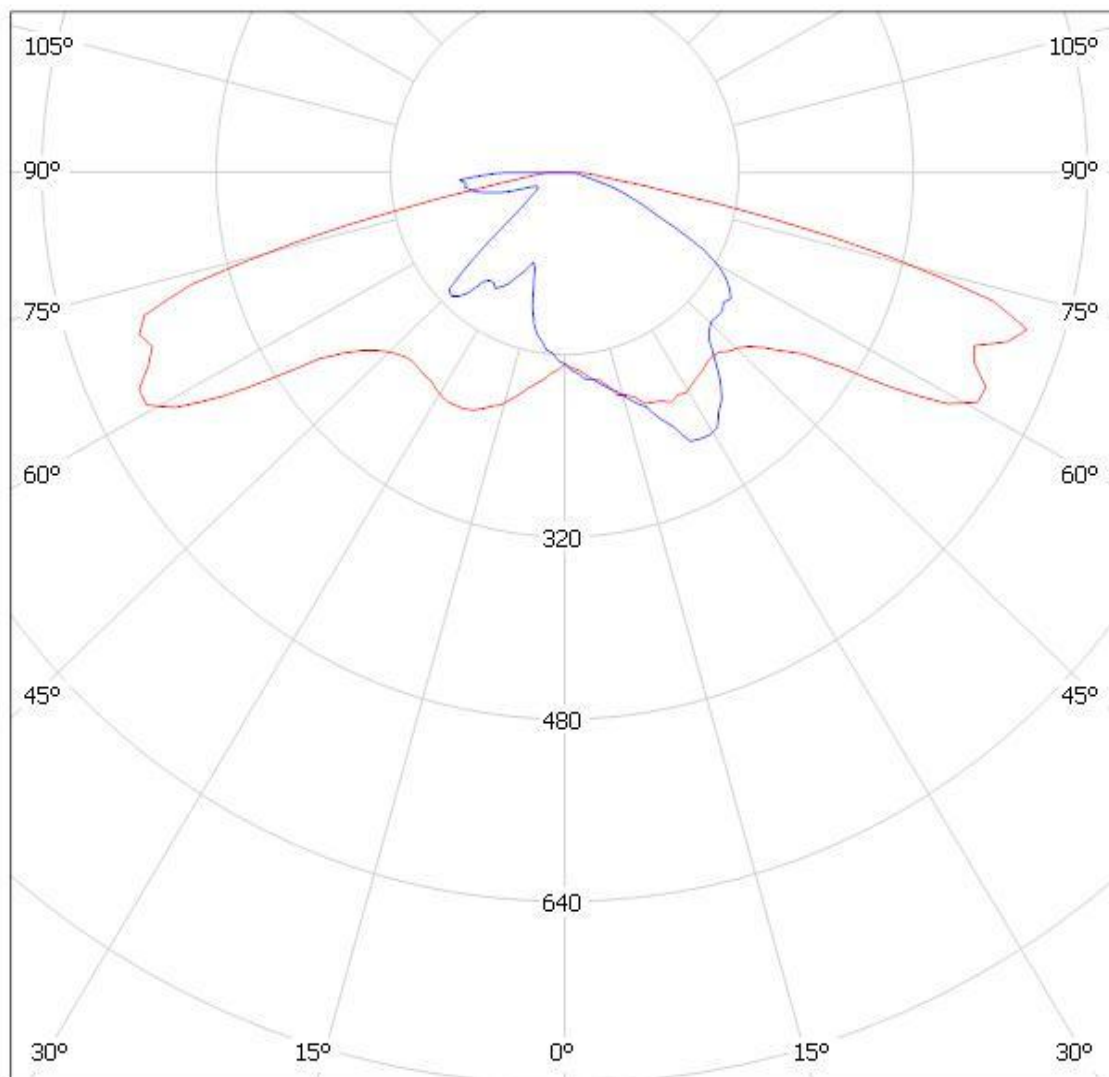


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C12726_STRADA-SQ-T-DWC/CA12889_STRADA-SQ-T-DWC (Cree XM-L 90lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 90lm @ 250mA

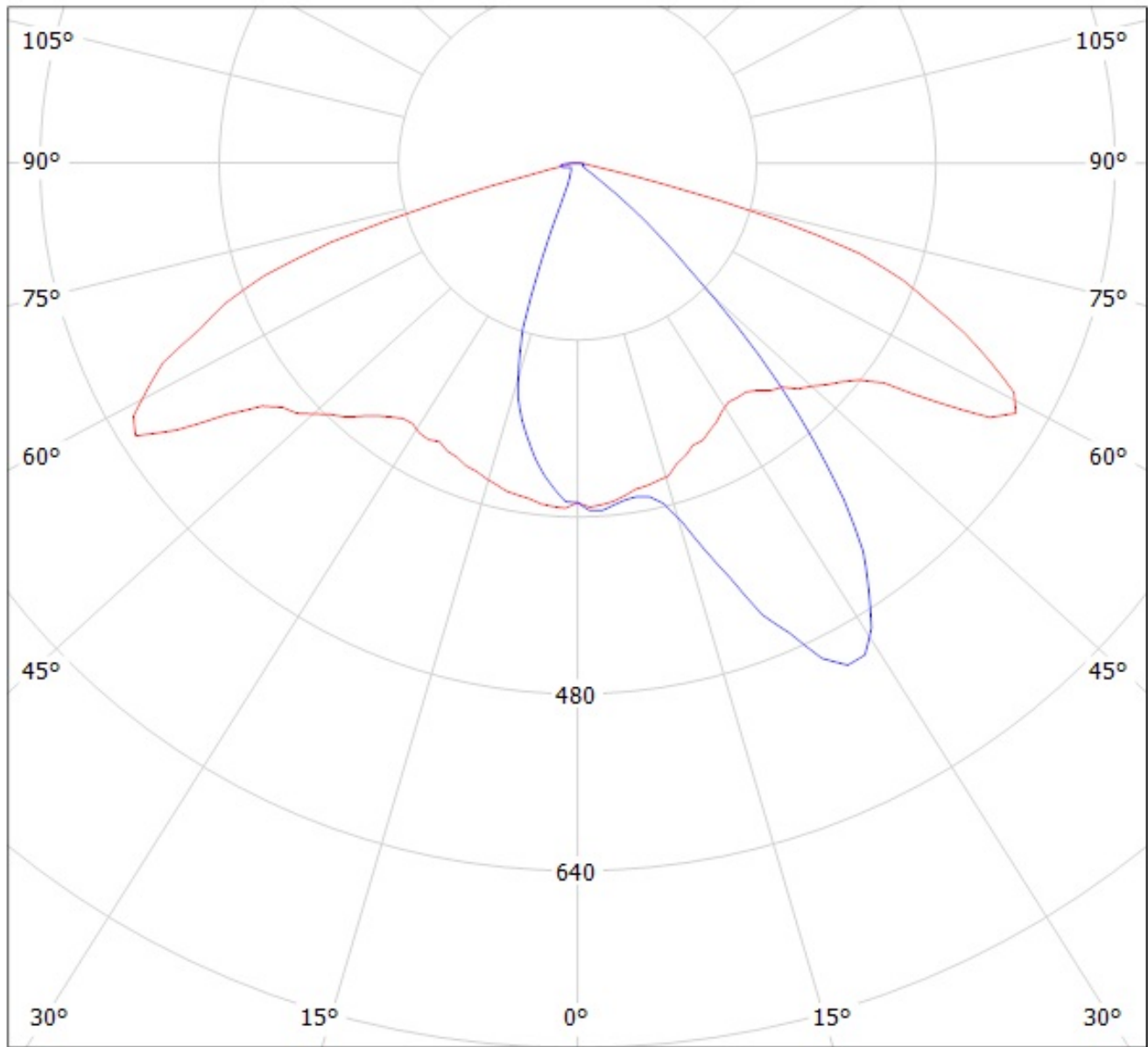


cd/klm

— C0 - C180

— C90 - C270

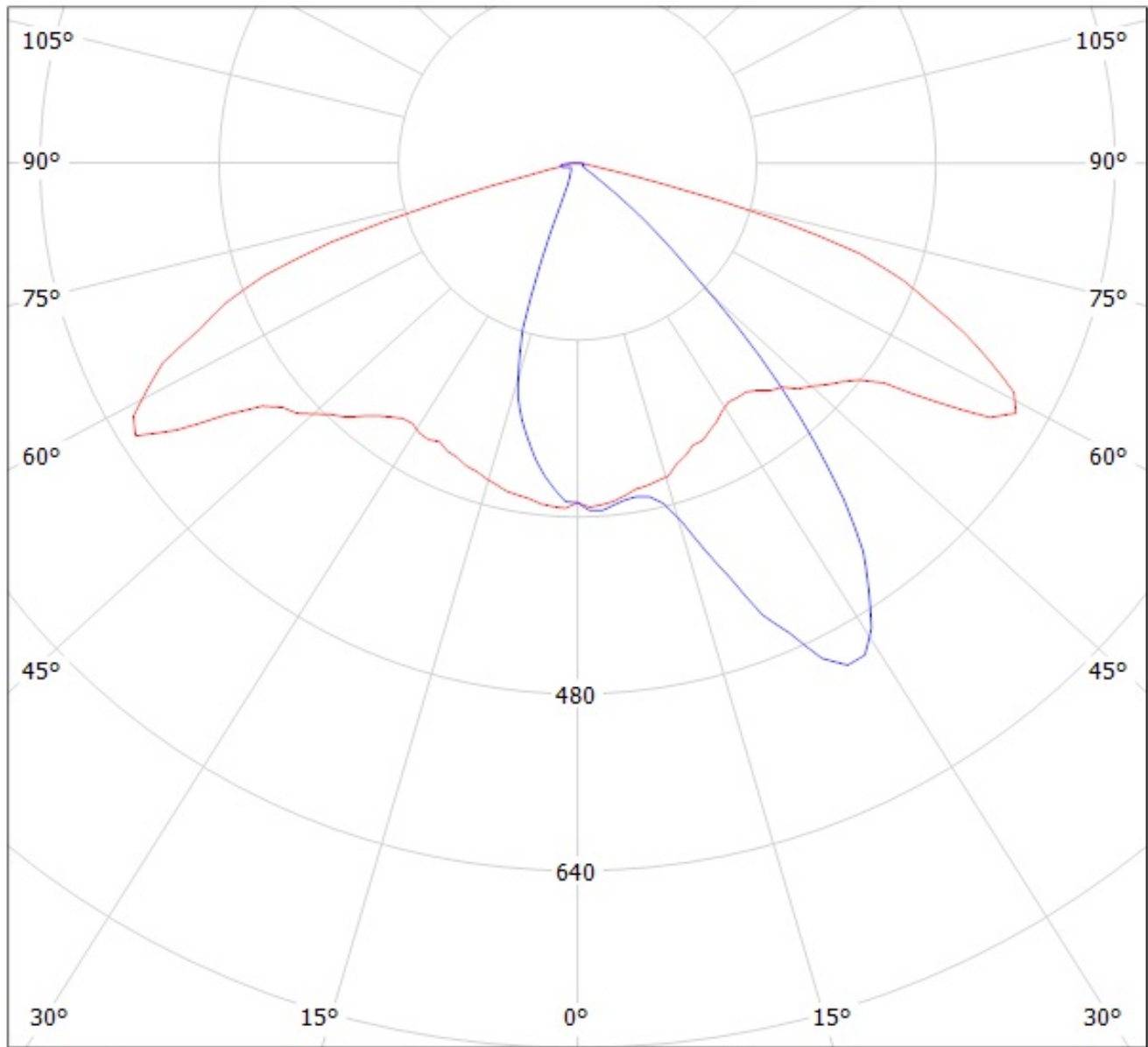
Luminaire: LEDiL Oy C13118 & CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy C13118 & CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)

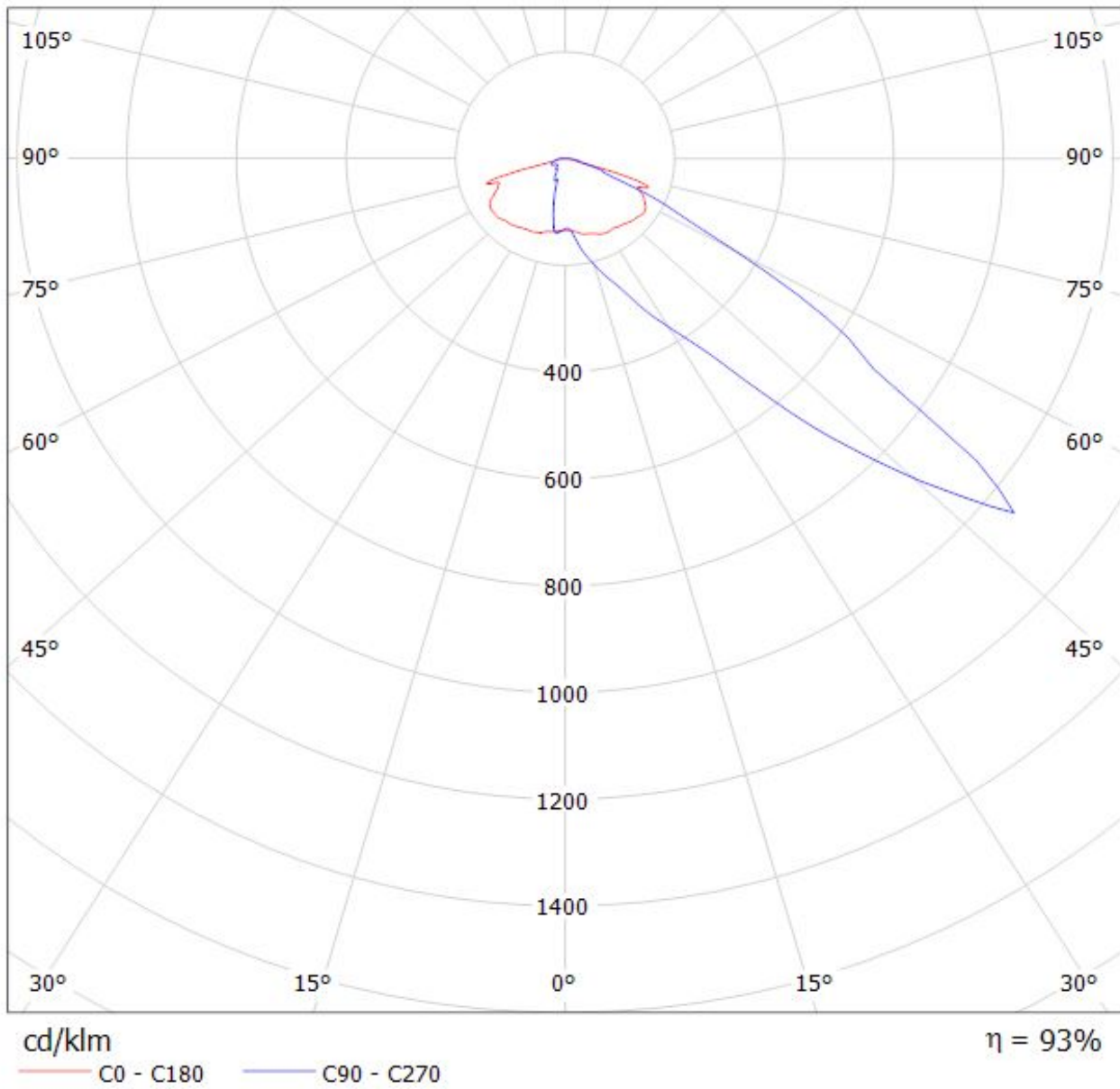


cd/klm

— C0 - C180 — C90 - C270

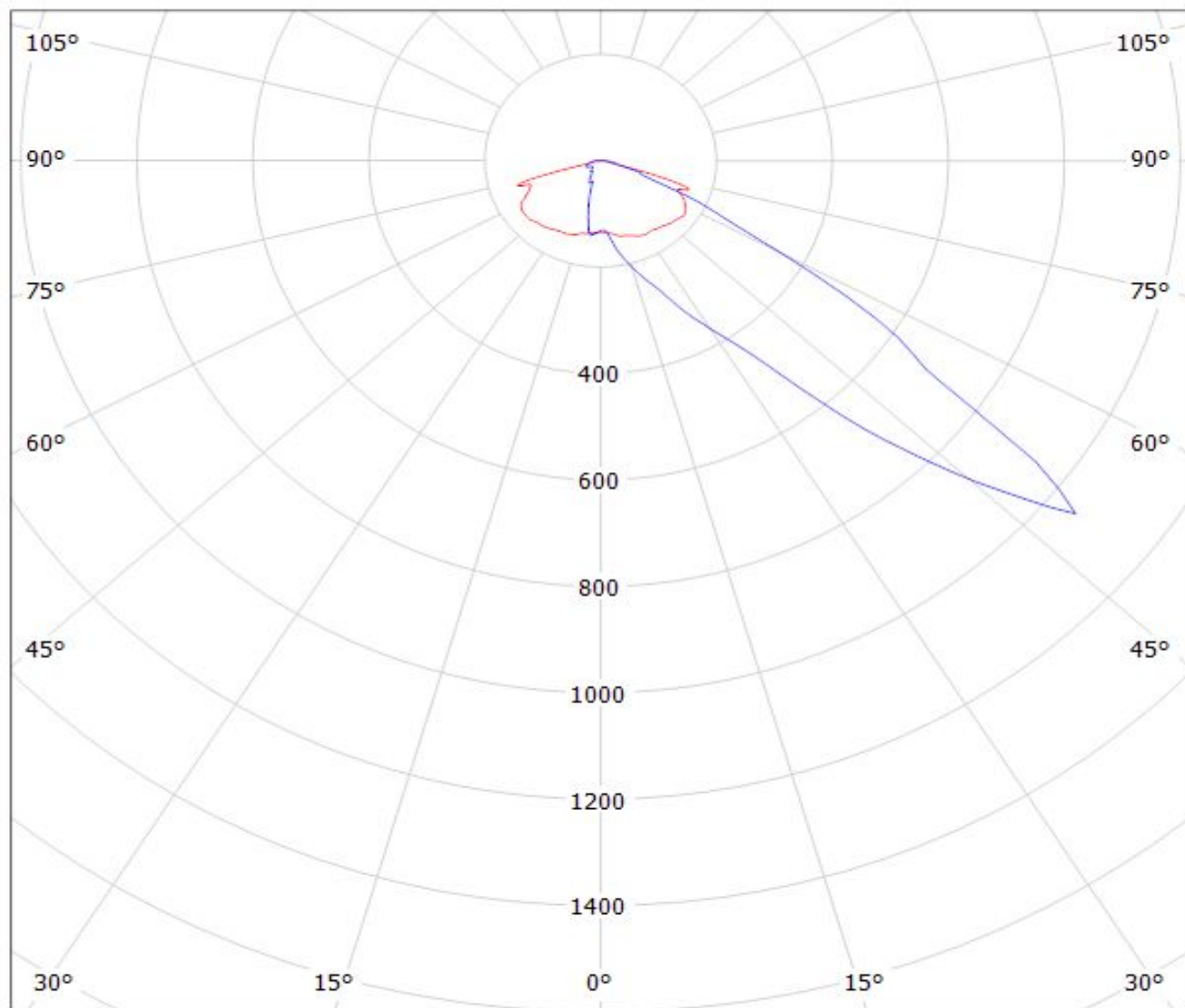
Luminaire: LEDiL Oy C13757_STRADA-SQ-FS-NP_(XM-L) Eff.93.1%

Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)_100.386lm@259mA_P=0.724735W_I=249.9mA



Luminaire: LEDiL Oy CA13758_STRADA-SQ-FS-NP_(XM-L) Eff.93.1%

Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)_100.386lm@259mA_P=0.724735W_I=249.9mA



cd/klm

$\eta = 93\%$

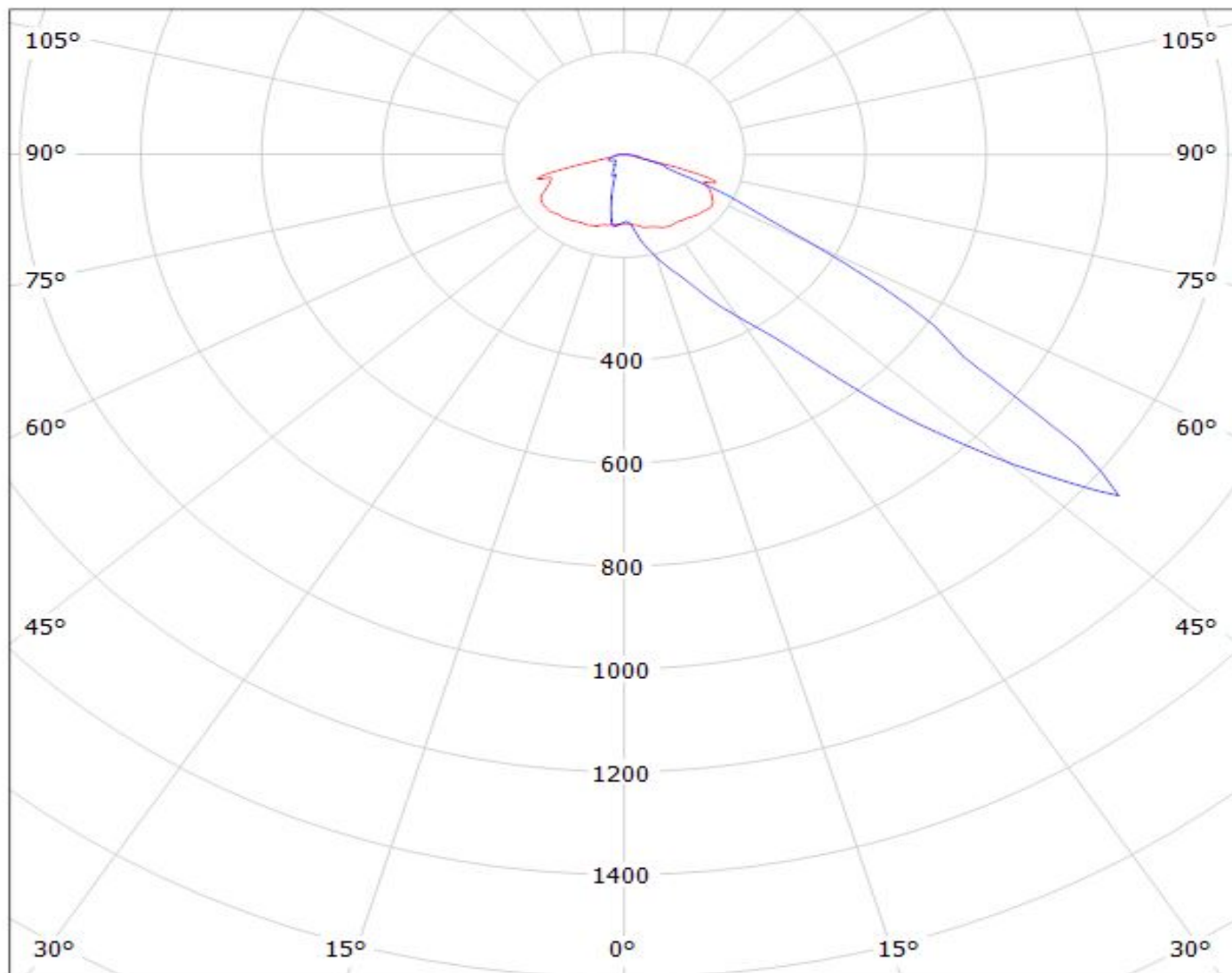
— C0 - C180 — C90 - C270

LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%

Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)

_100.386lm@259mA_P=0.724735W_I=249.9mA



cd/klm

— C0 - C180

— C90 - C270

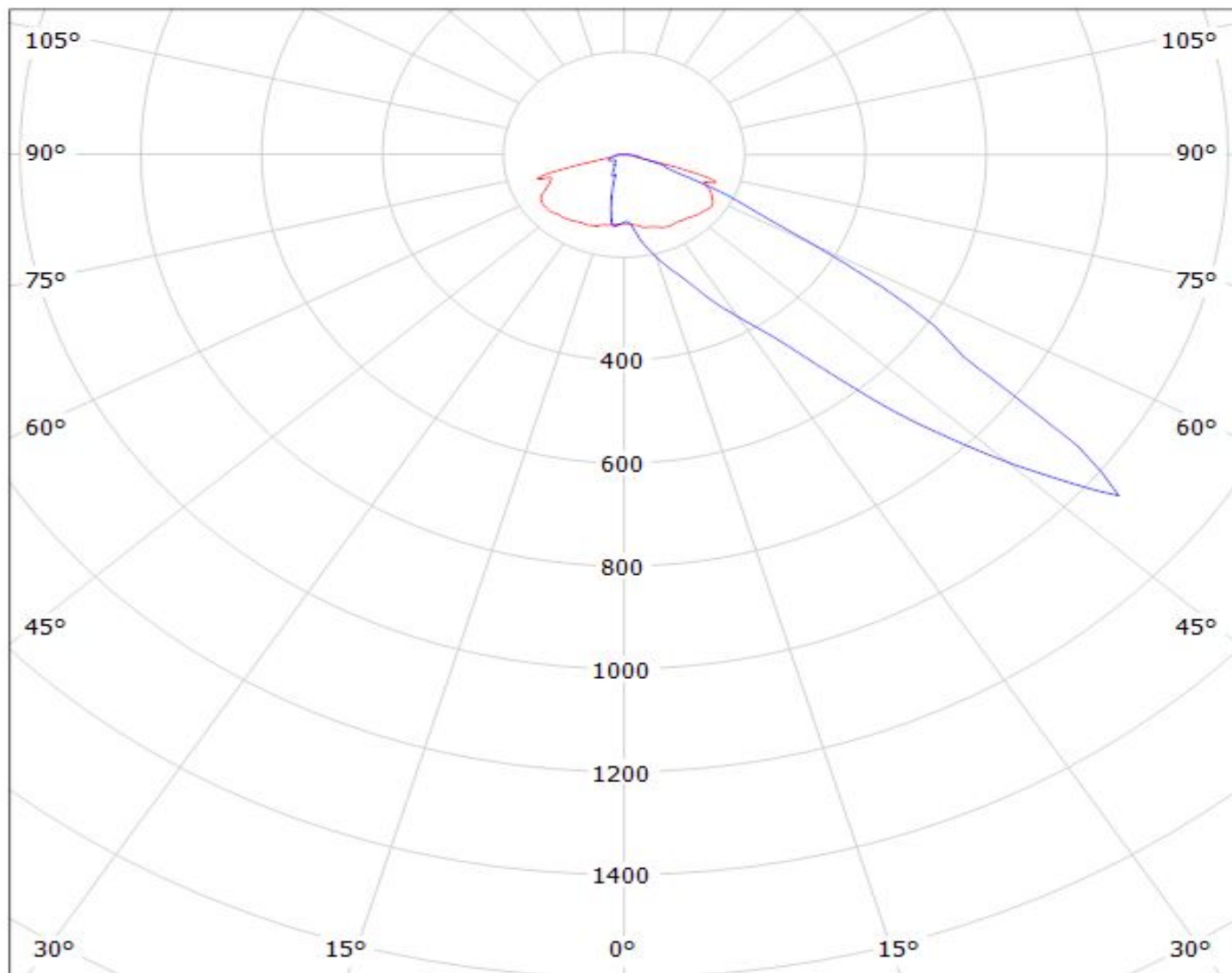
$\eta = 93\%$

LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1%

Lamps: 1 x CREE_XM-L_(XMLAWT-00-0000-0000T6051)

_100.386lm@259mA_P=0.724735W_I=249.9mA



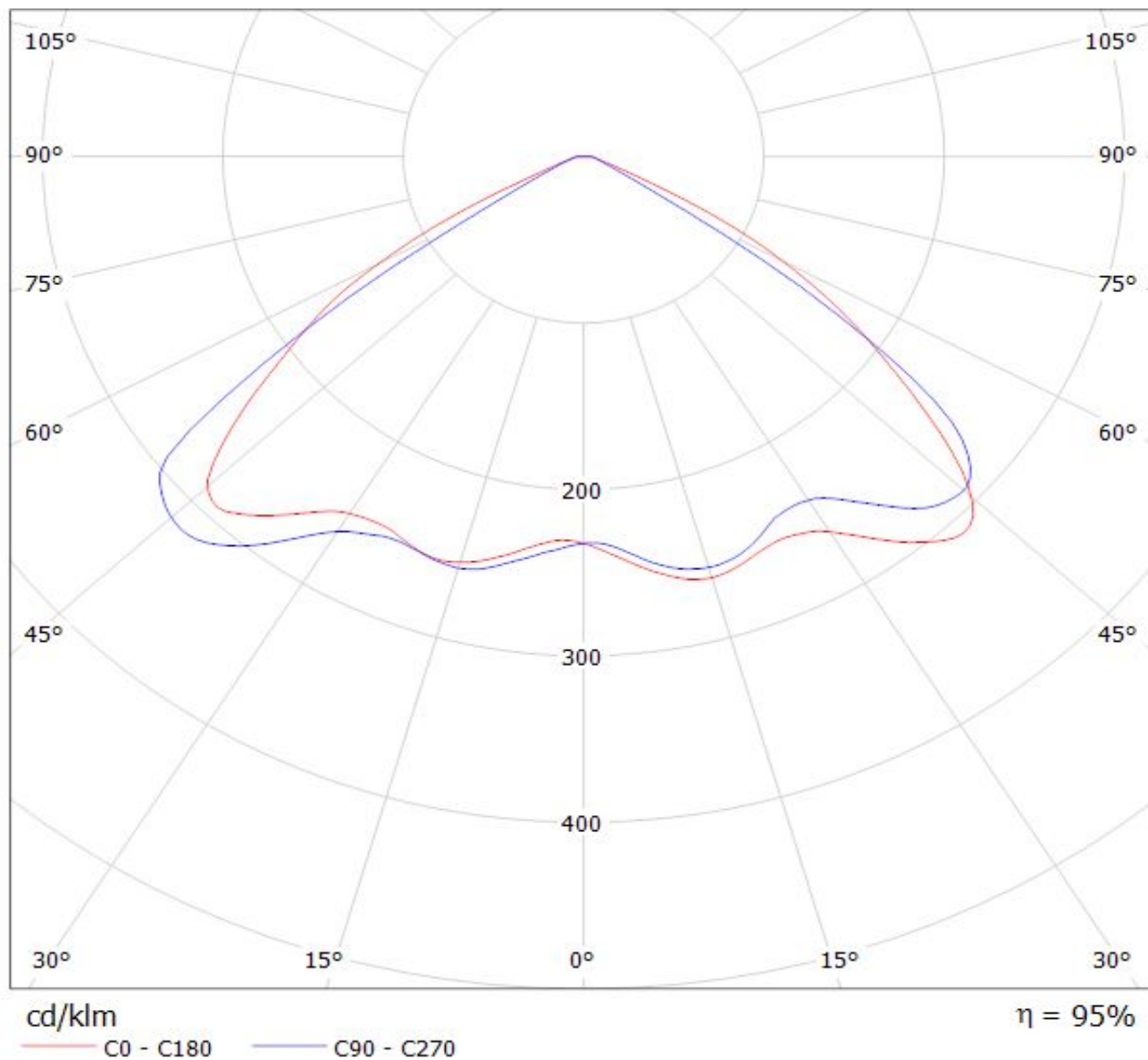
cd/klm

— C0 - C180

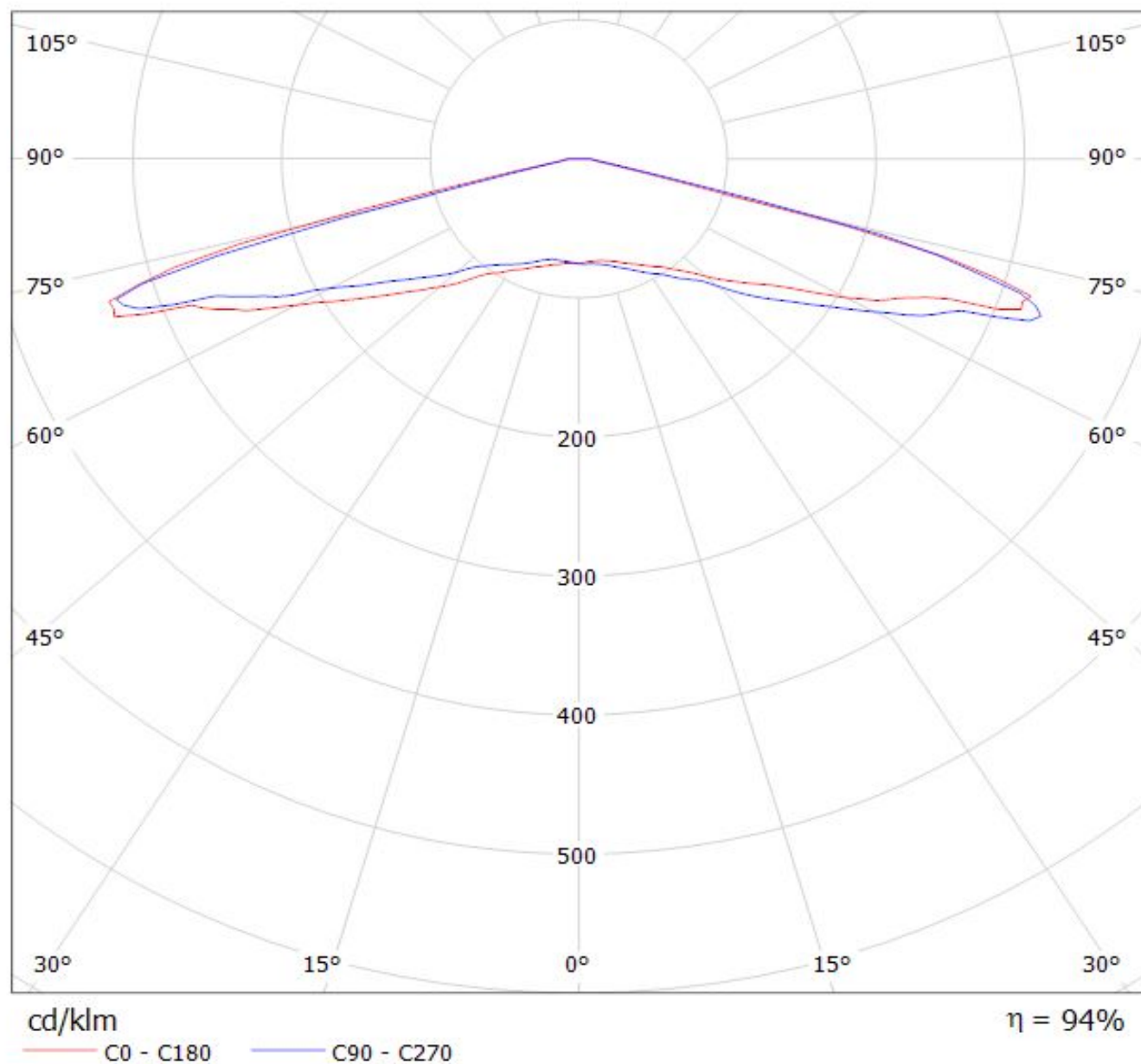
— C90 - C270

$\eta = 93\%$

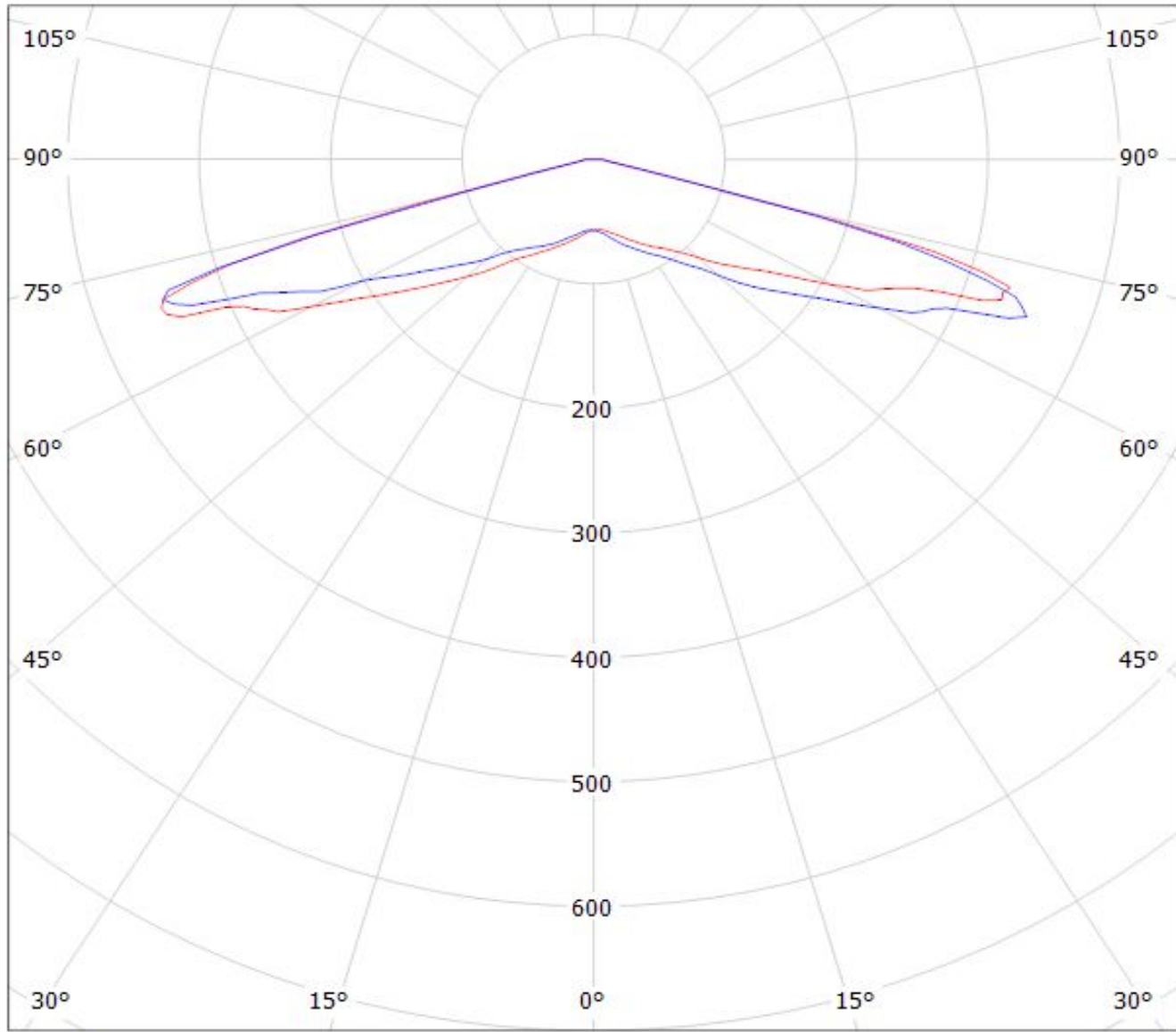
Luminaire: LEDiL Oy C13866_STRADA-SQ-CY_(XM-L) Eff.94%
Lamps: 1 x CREE_XM-L_79.1lm@250mA_P=0.712W_I=250mA



Luminaire: LEDiL Oy C12727_STRADA-SQ-VSM_(XM-L) Eff.93%
Lamps: 1 x CREE_XM-L_78.0576lm@250mA_P=0.71104W_I=249.9mA



Luminaire: LEDiL Oy CA12891_STRADA-SQ-VSM_(XM-L) Eff.93%
Lamps: 1 x CREE_XM-L_78.0576lm@250mA_P=0.71104W_I=249.9mA



cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$