**Product number C11415\_STRADA-T-DN**

Family	Strada	FWHM	Asymmetric degrees
Type	Lens	Efficiency	92 %
LED	XP-E	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	["screw", "glue", "pin"]		
Status	Production ready		

**Product number CA11416\_STRADA-T-DN**

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	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 C11425\_STRADA-T-DW**

Family	Strada	FWHM	Asymmetric degrees
Type	Lens	Efficiency	93 %
LED	XP-E	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"]		
Status	Production ready		

**Product number CA11426\_STRADA-T-DW**

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	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 2F11896\_STRADA-T-DN-EP**

Family	Strada	FWHM	Asymmetric degrees
Type	Lens	Efficiency	92 %
LED	XP-E	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.8 x 15.5 mm	No position element, Customer needs own fixture for assembling	
Height	8.75 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "screw"]		
Status	Production ready		

**Product number 2F11898\_STRADA-T-DW-EP**

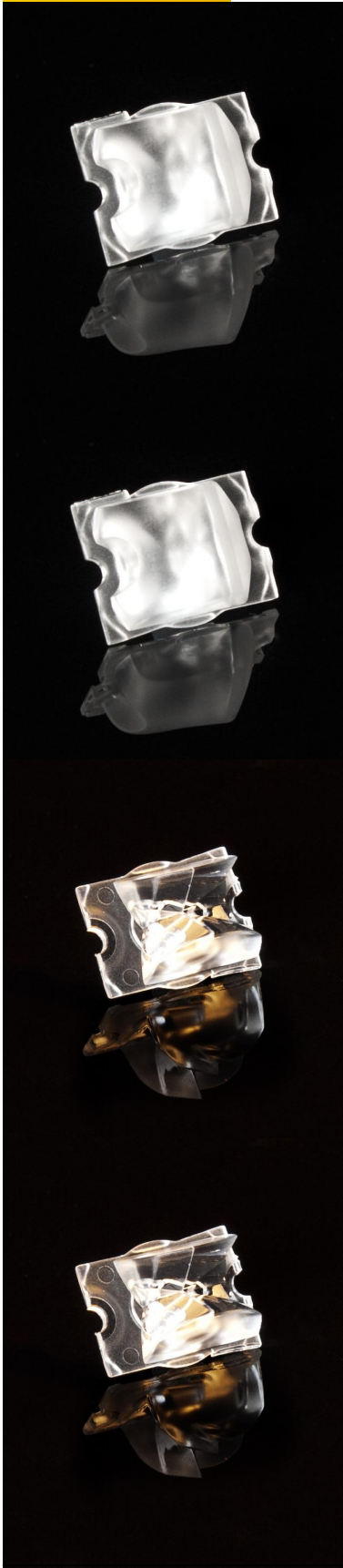
Family	Strada	FWHM	Asymmetric degrees
Type	Lens	Efficiency	92 %
LED	XP-E	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.5 mm	No position element, Customer needs own fixture for assembling	
Height	10.7 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "screw"]		
Status	Production ready		

**Product number 2FA11992\_STRADA-T-DN-EP**

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.8 x 15.5 mm	No position element, Customer needs own fixture for assembling	
Height	8.75 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		

**Product number 2FA11993\_STRADA-T-DW-EP**

Family	Strada	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.5 mm	No position element, Customer needs own fixture for assembling	
Height	10.7 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		

**Product number C12049\_STRADA-FT**

Family	Strada
Type	Lens
LED	XP-E
Color	Clear
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

FWHM	Asymmetric degrees
Efficiency	92 %
cd/lm	-
Gerber File	Available

[http://www.ledil.fi/Strada-F\\_Fully\\_Asymmetrical\\_Forward\\_Throw\\_Lens\\_Family](http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Throw_Lens_Family)

**Product number CA12050\_STRADA-FT**

Family	Strada
Type	Assembly
LED	XP-E
Color	Clear
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

FWHM	Asymmetric degrees
Efficiency	92 %
cd/lm	-
Gerber File	Available

[http://www.ledil.fi/Strada-F\\_Fully\\_Asymmetrical\\_Forward\\_Throw\\_Lens\\_Family](http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Throw_Lens_Family)

**Product number C12086\_STRADA-FW**

Family	Strada
Type	Lens
LED	XP-E
Color	Clear
Diameter	15.4 x 19.6 mm
Height	10.66 mm
Style	Rectang
Optic Material	PMMA
Holder Material	-
Fastening	["pin", "screw", "glue"]
Status	Production ready

FWHM	Asymmetric degrees
Efficiency	92 %
cd/lm	-
Gerber File	Available

[http://www.ledil.fi/Strada-F\\_Fully\\_Asymmetrical\\_Forward\\_Throw\\_Lens\\_Family](http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Throw_Lens_Family)

**Product number CA12087\_STRADA-FW**

Family	Strada
Type	Assembly
LED	XP-E
Color	Clear
Diameter	15.4 x 19.6 mm
Height	10.8 mm
Style	Rectang
Optic Material	PMMA
Holder Material	-
Fastening	["tape", "pin", "screw"]
Status	Production ready

FWHM	Asymmetric degrees
Efficiency	92 %
cd/lm	-
Gerber File	Available

[http://www.ledil.fi/Strada-F\\_Fully\\_Asymmetrical\\_Forward\\_Throw\\_Lens\\_Family](http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Throw_Lens_Family)

**Product number C10818\_STRADA-A**

Family	Strada	FWHM	68+136 degrees
Type	Lens	Efficiency	93 %
LED	XP-E	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	19.6 +15.4 mm		
Height	10.5 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "screw"]		
Status	Production ready		

**Product number CA10823\_STRADA-A**

Family	Strada	FWHM	68+136 degrees
Type	Assembly	Efficiency	93 %
LED	XP-E	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	19.6 +15.4 mm		
Height	10.65 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		

**Product number C12219\_STRADA-A2**

Family	Strada	FWHM	68+ 136 degrees
Type	Lens	Efficiency	92 %
LED	XP-E	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	19.6 +15.4 mm		
Height	10.5 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "screw", "pin"]		
Status	Production ready		

**Product number CA12220\_STRADA-A2**

Family	Strada	FWHM	68+136 degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	19.6 +15.4 mm		
Height	10.65 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin", "tape"]		
Status	Production ready		



**Product number C11255\_STRADA-DW**

Family	Strada	FWHM	90+140 degrees
Type	Lens	Efficiency	92 %
LED	XP-E	cd/lm	1.030
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.7 mm		
Height	9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Production ready		

**Product number CA11256\_STRADA-DW**

Family	Strada	FWHM	90+140 degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	cd/lm	1.030
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.7 mm		
Height	9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "pin", "tape"]		
Status	Production ready		

**Product number C10926\_STRADA-B**

Family	Strada	FWHM	116+44 degrees
Type	Lens	Efficiency	93 %
LED	XP-E	cd/lm	0.560
Color	Clear	Gerber File	Available
Diameter	19.6 + 15.5 mm		
Height	5.2 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "screw"]		
Status	Production ready		

**Product number CA10927\_STRADA-B**

Family	Strada	FWHM	116+44 degrees
Type	Assembly	Efficiency	93 %
LED	XP-E	cd/lm	0.560
Color	Clear	Gerber File	Available
Diameter	19.6 + 15.5 mm		
Height	5.2 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		


**Product number CA11253\_STRADA-C2**

Family	Strada	FWHM	124 degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	cd/lm	0.290
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 number CA11248\_STRADA-S**

Family	Strada	FWHM	144+168 degrees
Type	Assembly	Efficiency	93 %
LED	XP-E	cd/lm	0.470
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.5 mm		
Height	6.9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape", "screw"]		
Status	Production ready		

Developed especially for side emitting applications


**Product number C11249\_STRADA-S**

Family	Strada	FWHM	144+168 degrees
Type	Lens	Efficiency	93 %
LED	XP-E	cd/lm	0.470
Color	Clear	Gerber File	Available
Diameter	19.6 x 15.5 mm		
Height	6.9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "screw"]		
Status	Production ready		

Developed especially for side emitting applications

**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 19/10/2015

#### GENERAL INFORMATION

- Product series especially designed & optimized for XP-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.

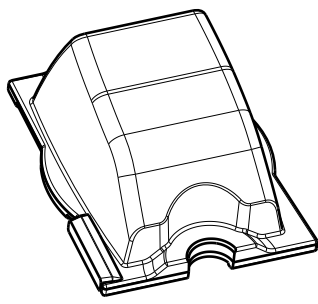
Please find more information about used material from below:

[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)

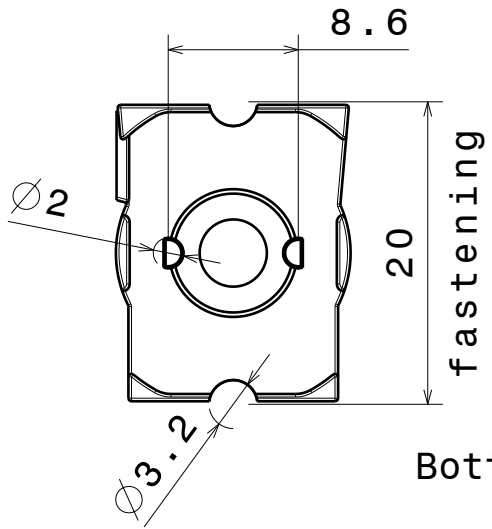
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

D C B A

4

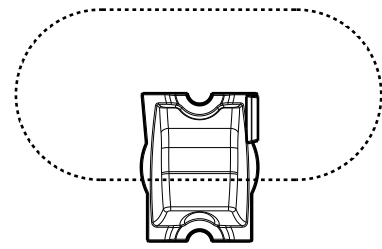


Isometric view

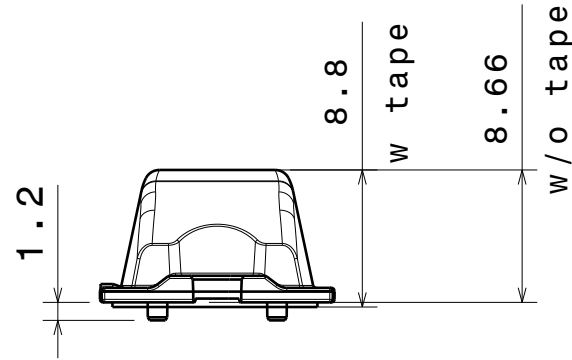


Bottom view

3

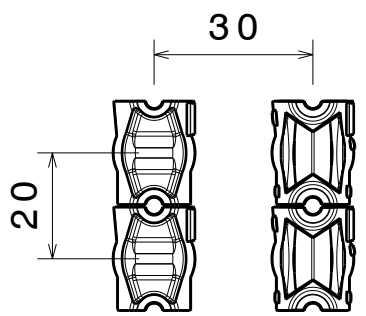


Beam direction

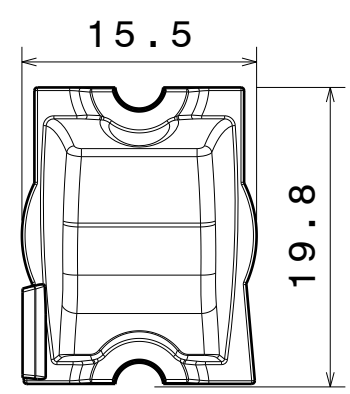


Front view

2



Strada lens arrangement recommendation




Top view

MATERIALS  
 Lens: PMMA  
 Tape(optional): PU Foam

Optical interface details are confidential and detail in this area may not reflect actual shape

1

1

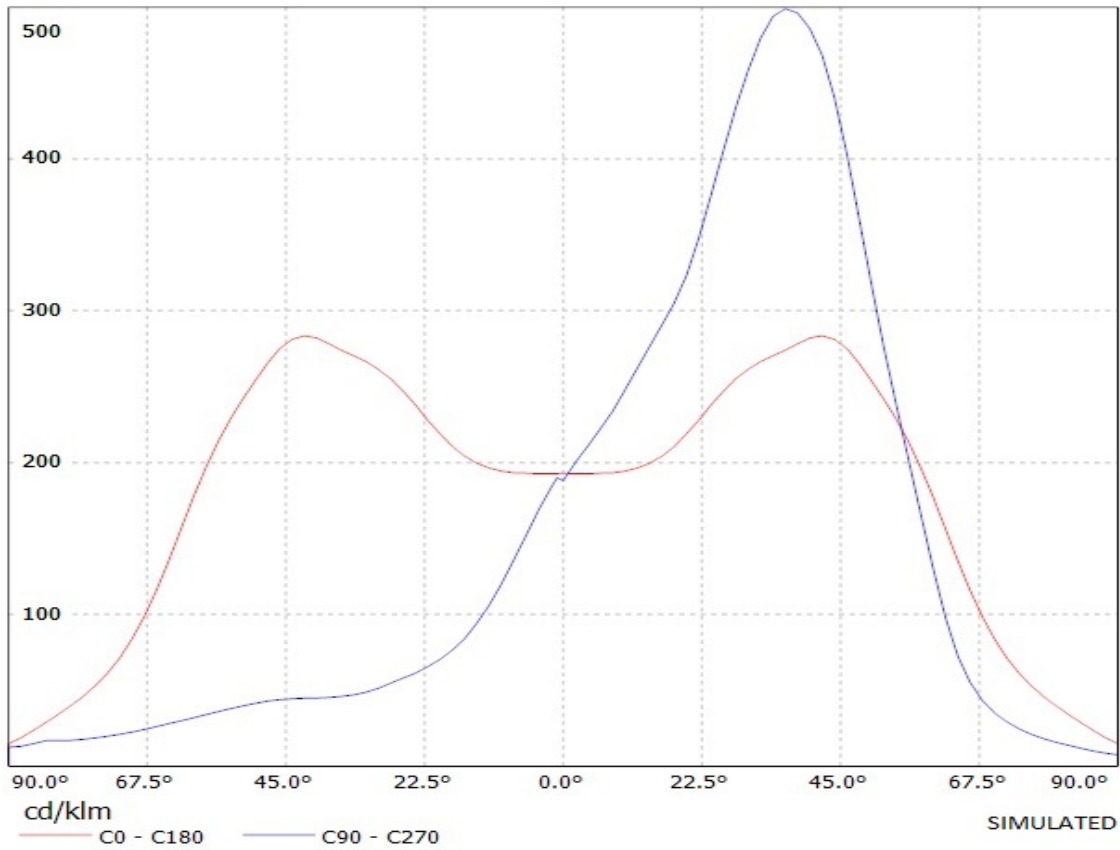
This drawing is our property. It can't be reproduced or communicated without our written agreement.				Ledil Oy Salorankatu 10 FIN-24100 SALO Finland	
DRAWN BY ah		DATE 26.9.2012		<b>Datasheet Strada-T-DN Lens</b>	
CHECKED BY sn		DATE 26.9.2012			
DESIGNED BY hh		DATE 14.05.2010		SIZE A4	DRAWING NUMBER
		SCALE 2:1		WEIGHT (g)	SHEET 1/1

D A



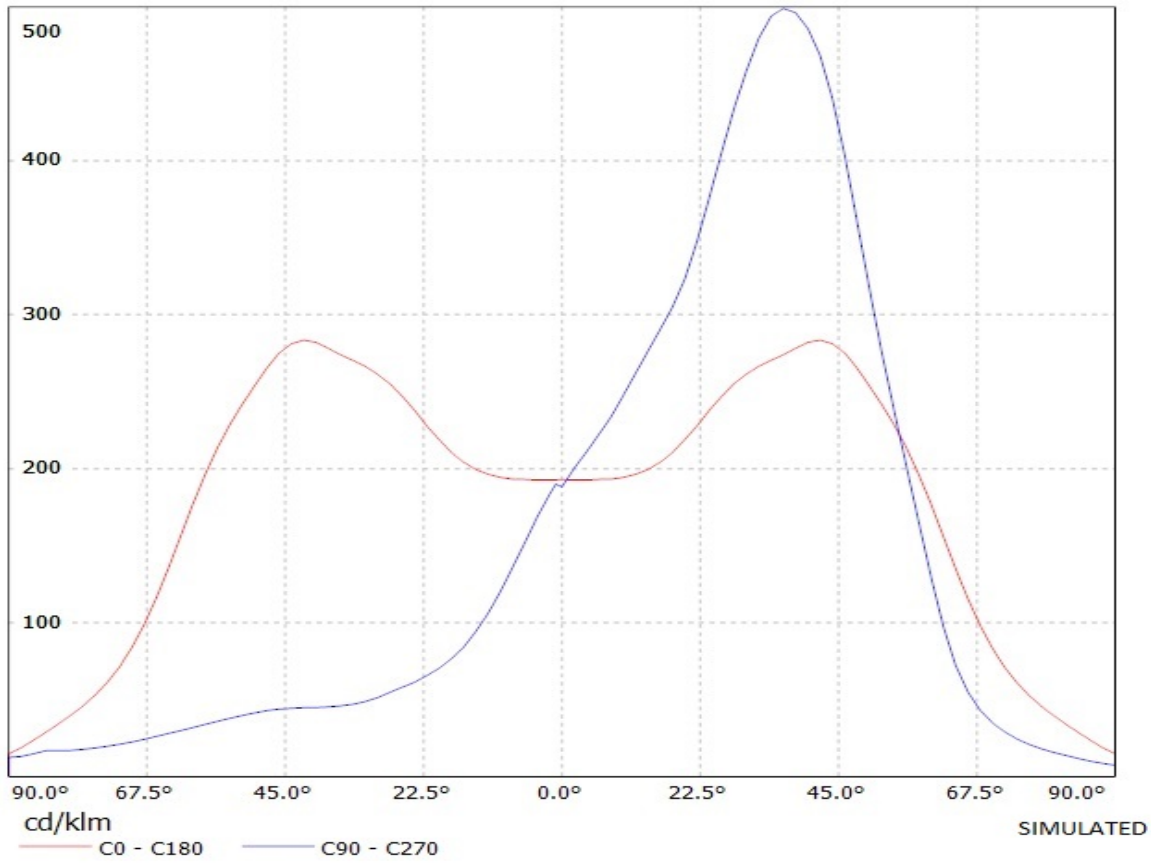
# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Linear)

Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP  
Lamps: 1 x Cree XP-E (White)



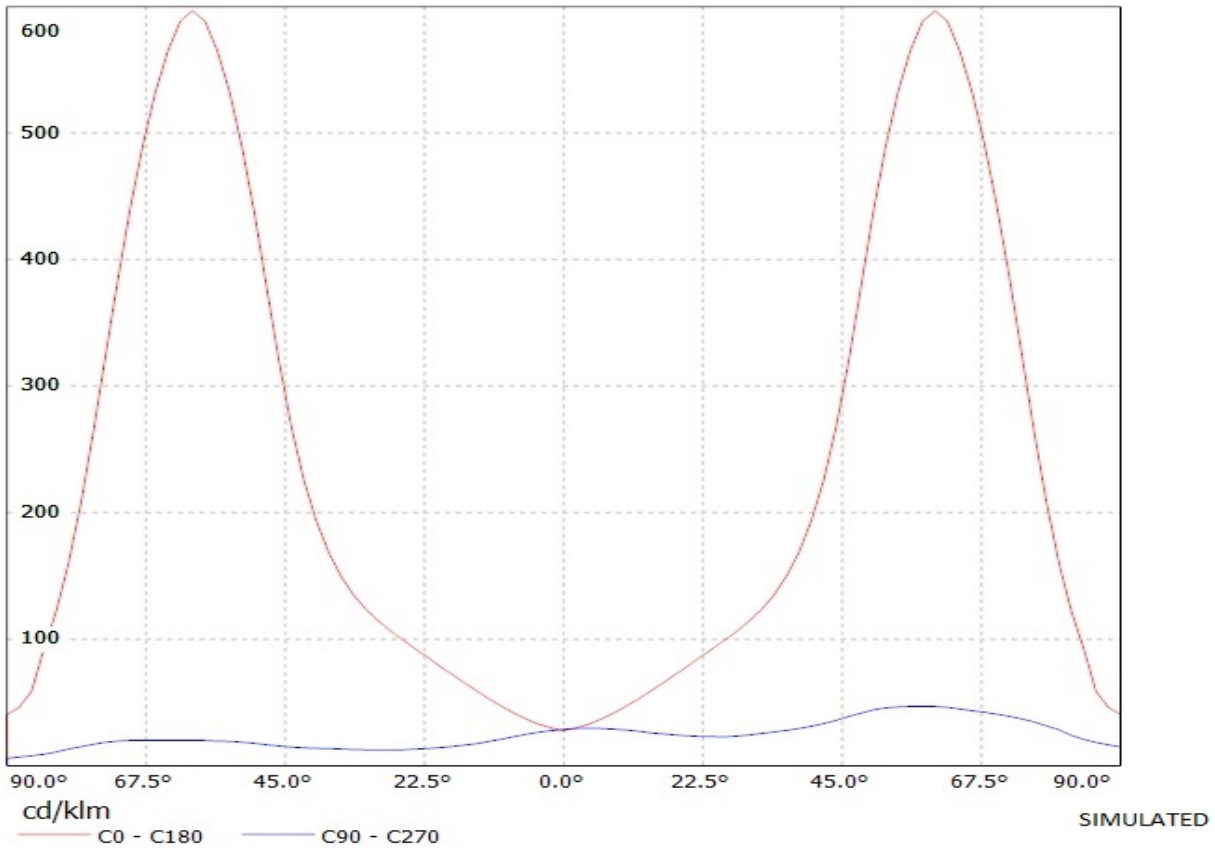
# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Linear)

Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP  
Lamps: 1 x Cree XP-E (White)



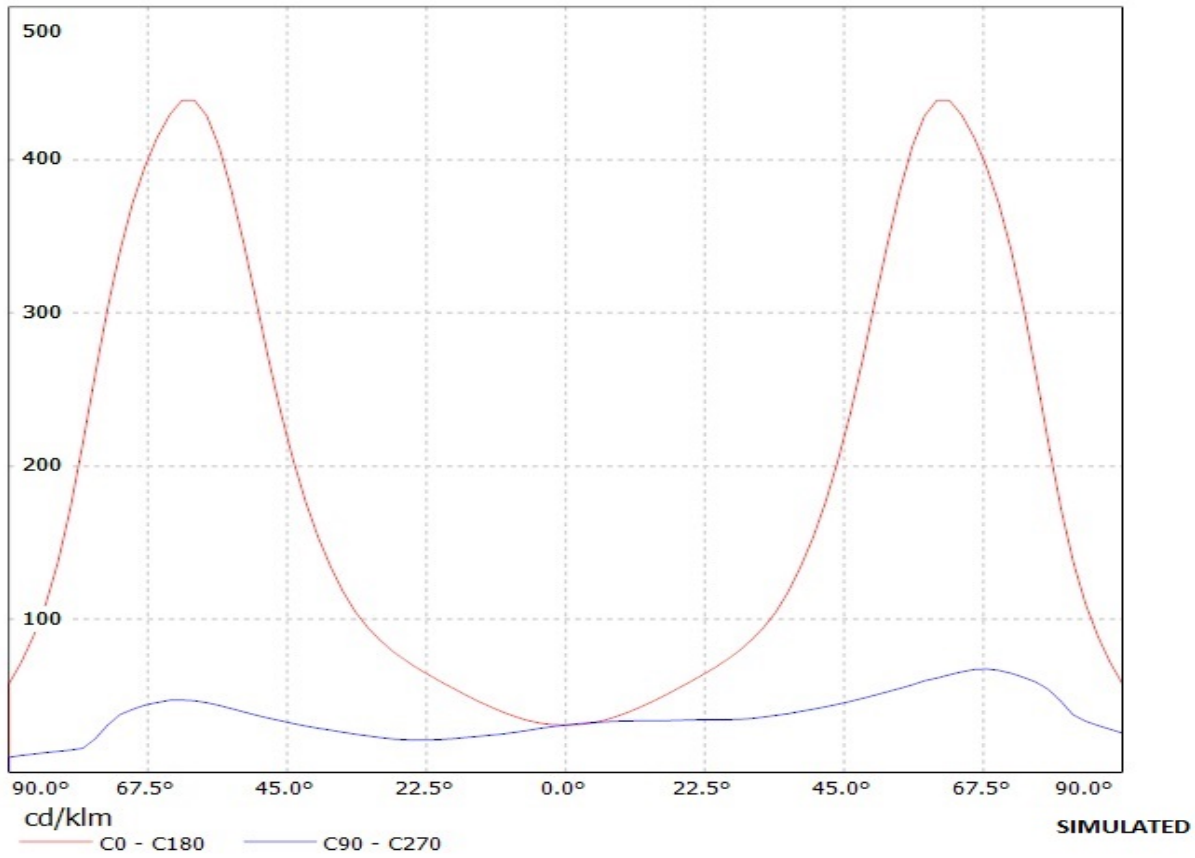
**Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP / LDC (Linear)**

Luminaire: Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP  
Lamps: 1 x Cree XP-E (White)



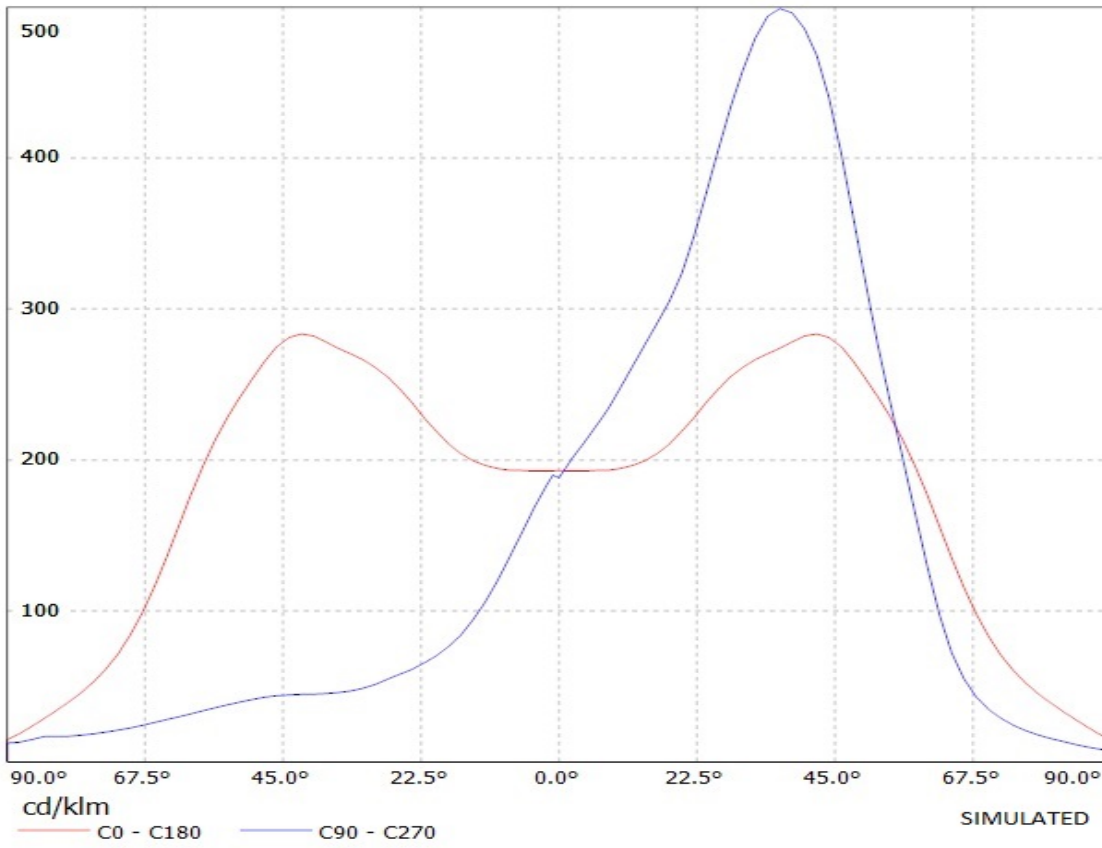
# Ledil Oy C11425\_Strada-T-DW-XP-G C11425\_Strada-T-DW-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11425\_Strada-T-DW-XP-G C11425\_Strada-T-DW-XP-G  
Lamps: 1 x Cree Xp-G (White)



# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Linear)

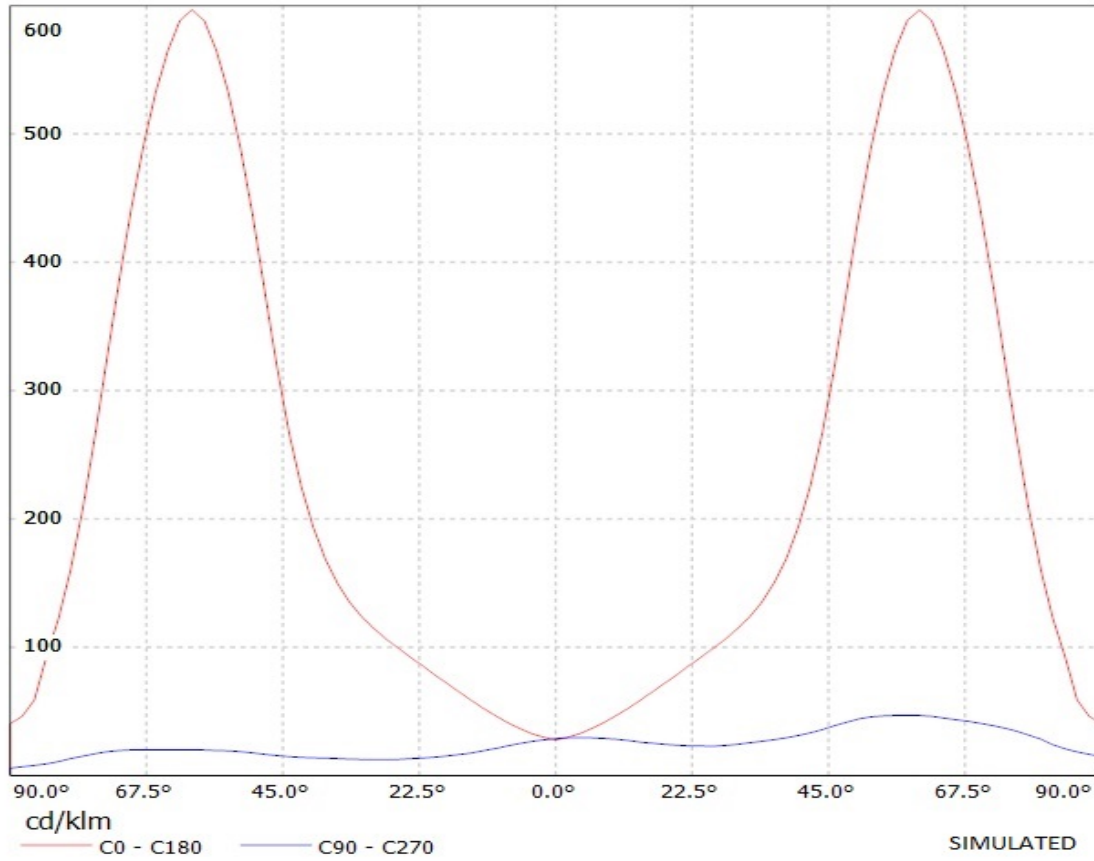
Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP  
Lamps: 1 x Cree XP-E (White)





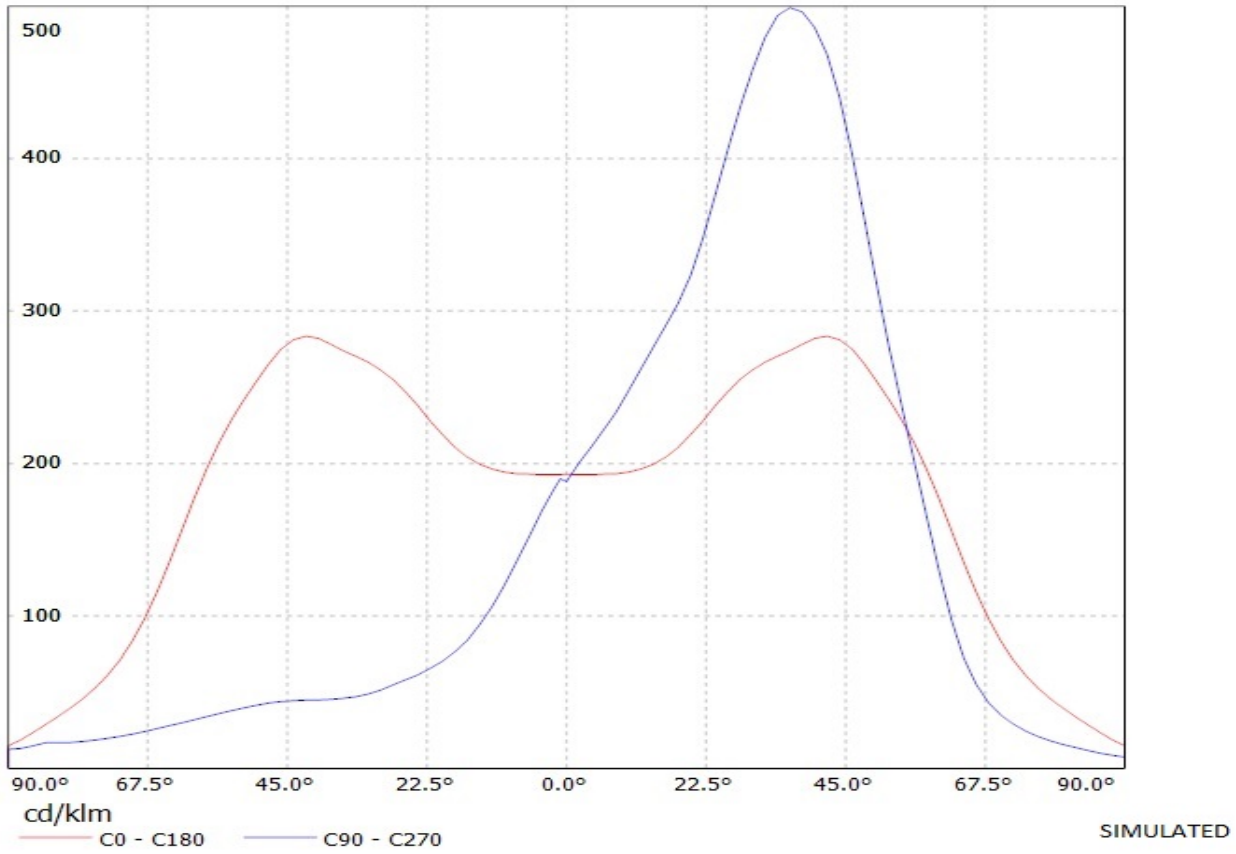
# Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP / LDC (Linear)

Luminaire: Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP  
Lamps: 1 x Cree XP-E (White)



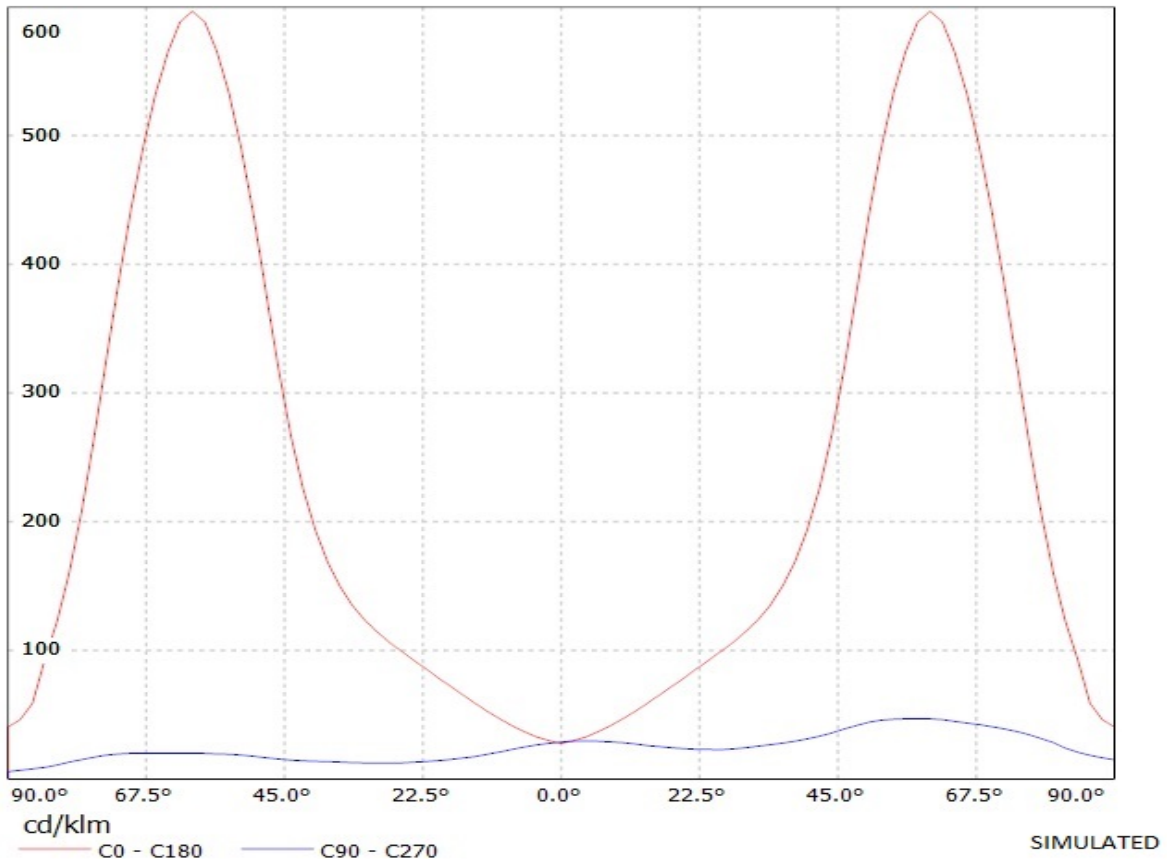
# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Linear)

Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP  
Lamps: 1 x Cree XP-E (White)

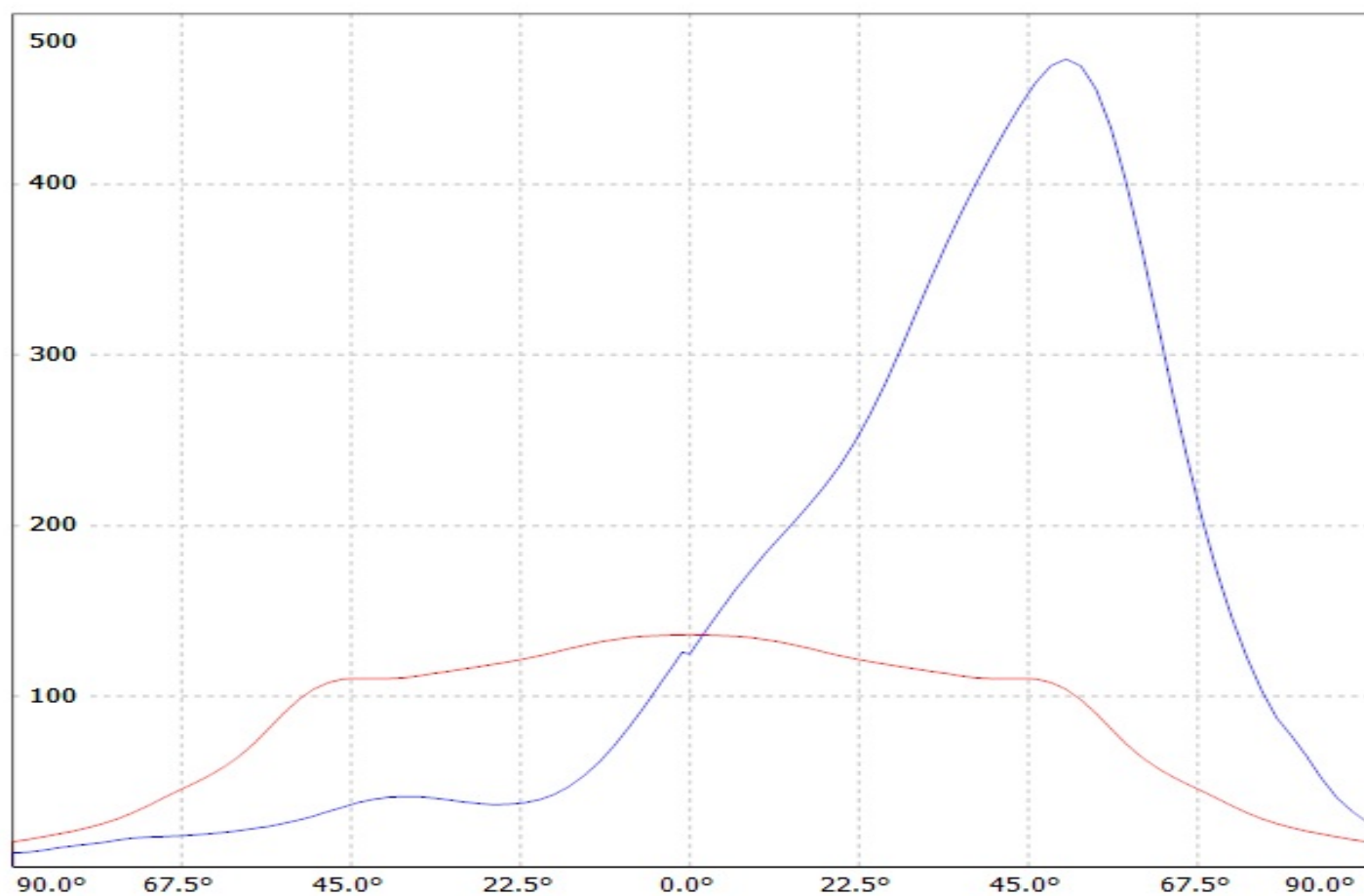


# Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP / LDC (Linear)

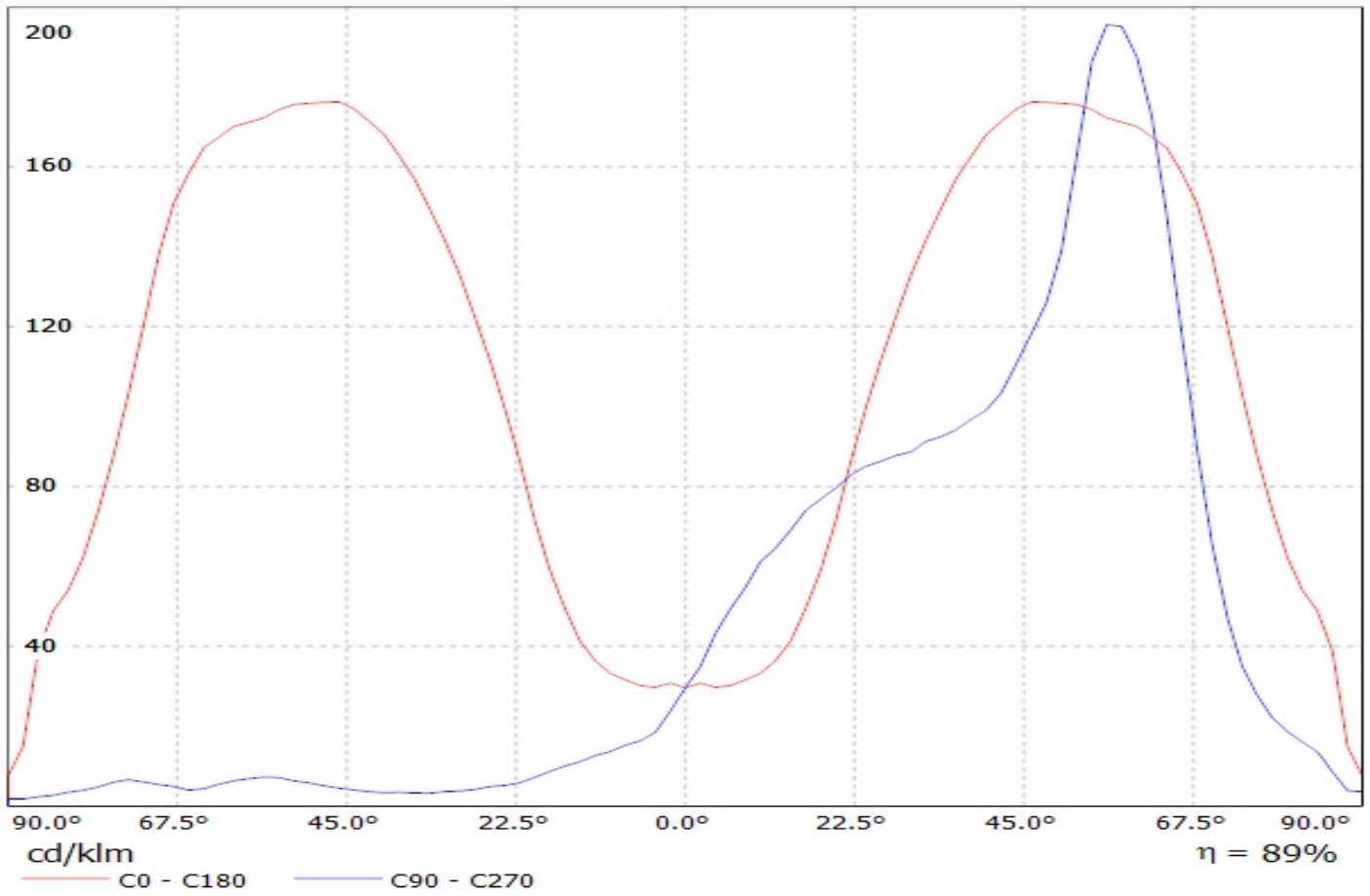
Luminaire: Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP  
Lamps: 1 x Cree XP-E (White)



Luminaire: Ledil Oy C12049\_Strada-FT-XP C12049\_Strada-FT-XP  
Lamps: 1 x Cree XP-E

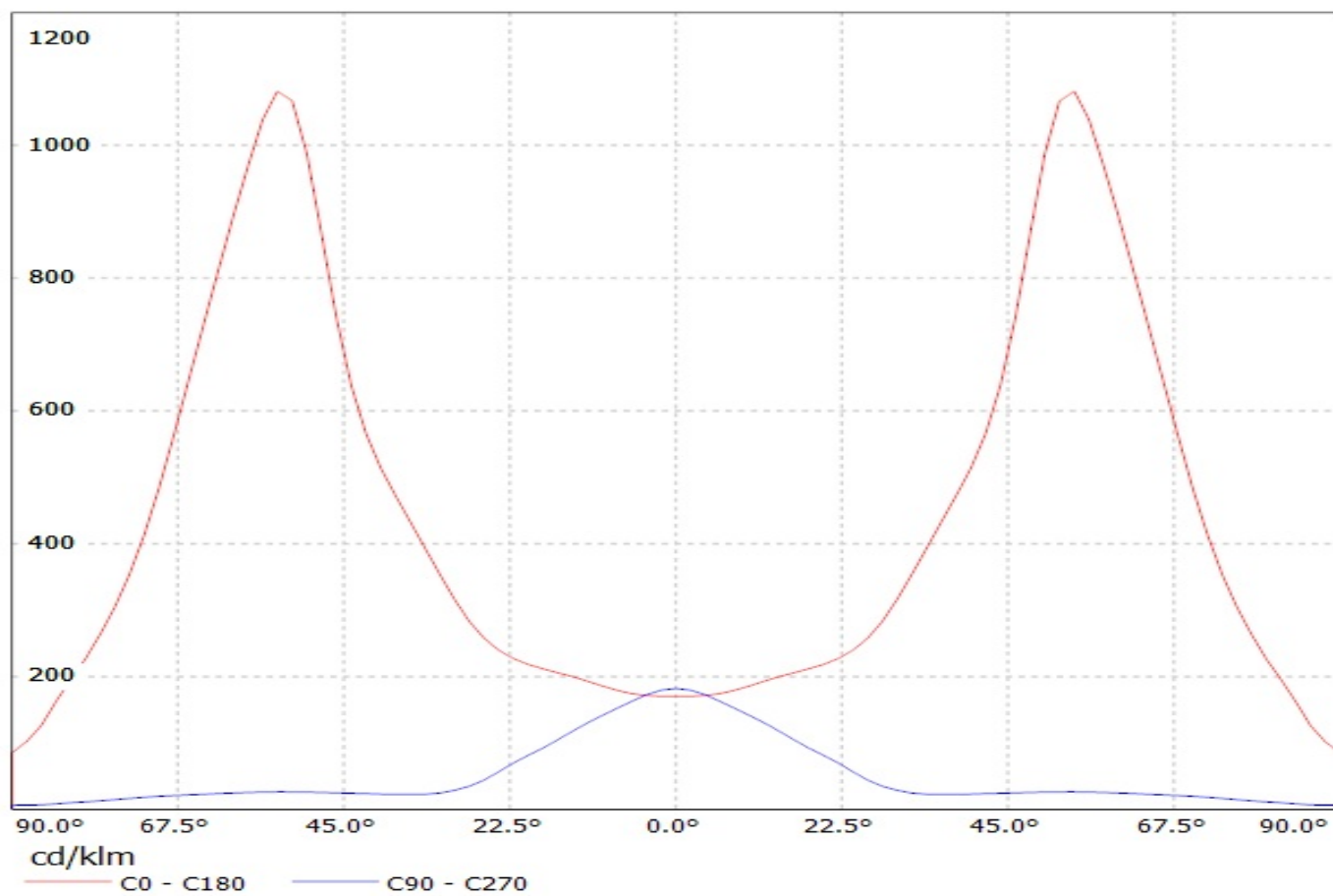


Luminaire: Ledil Oy CA12087-Strada-FW-Tape-XP  
Lamps: 1 x Cree XP-E 74,6lm 250mA

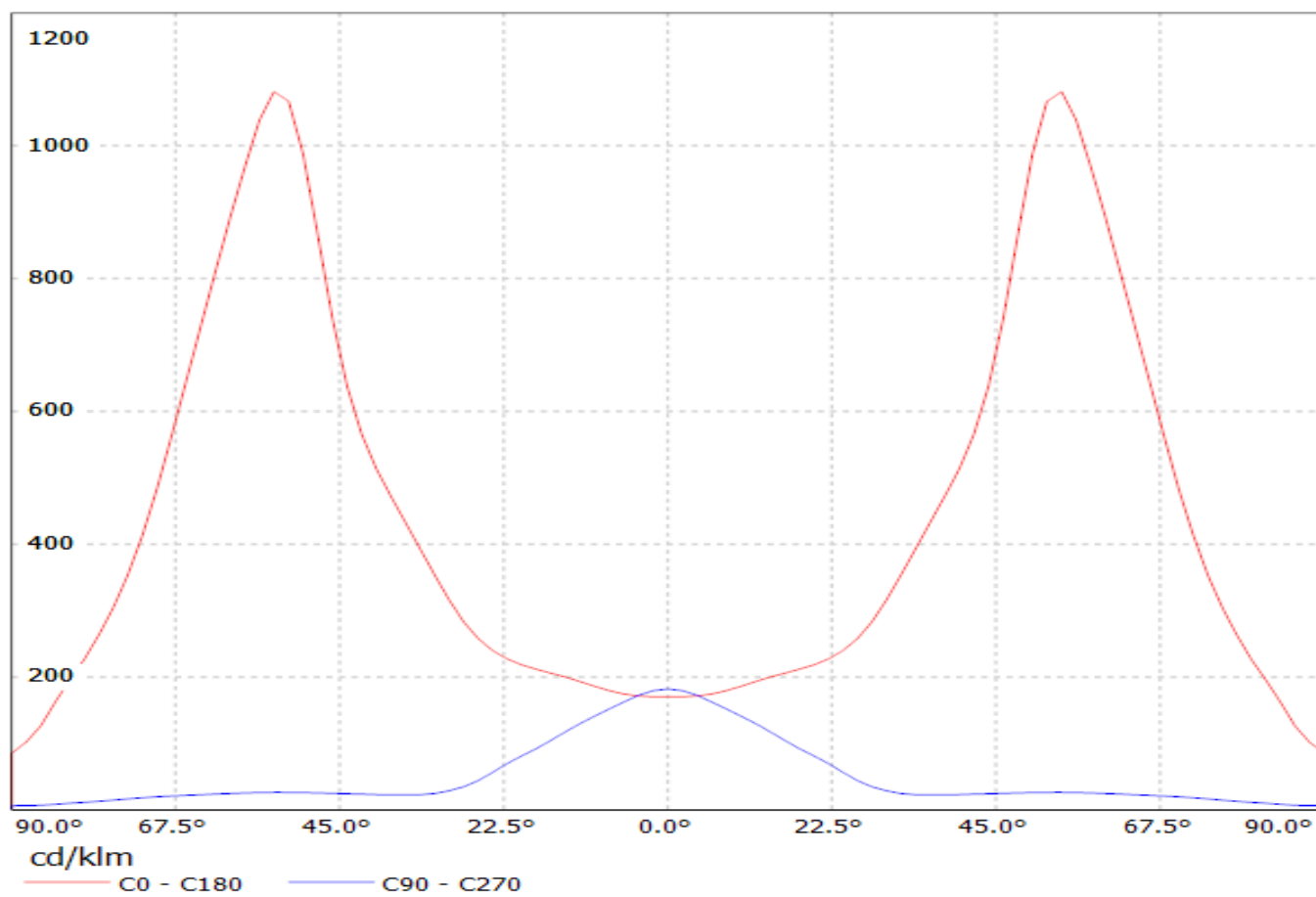




Luminaire: Ledil Oy C10818\_Strada-A-XP C10818\_Strada-A-XP  
Lamps: 1 x Cree XP-E (white)

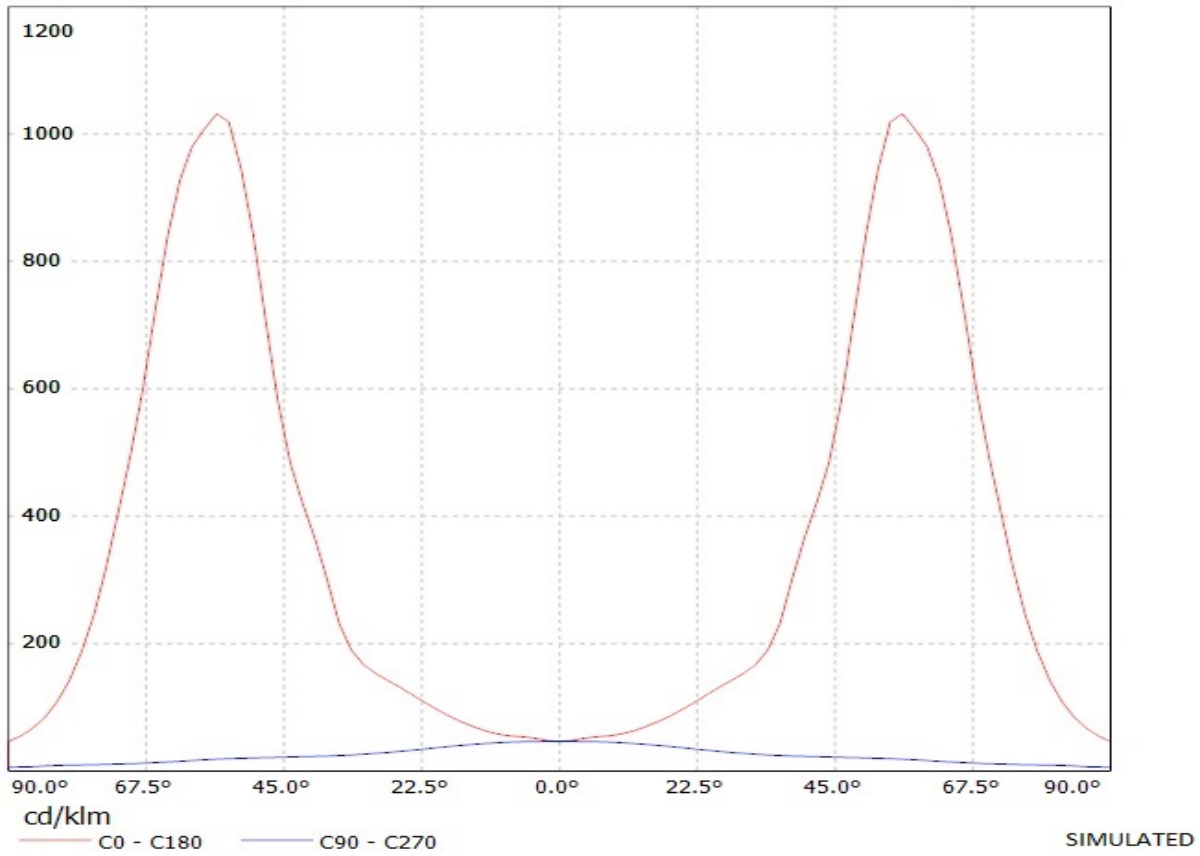


Luminaire: Ledil Oy CA10823\_Strada-A-XP CA10823\_Strada-A-XP  
Lamps: 1 x Cree XP-E (white)



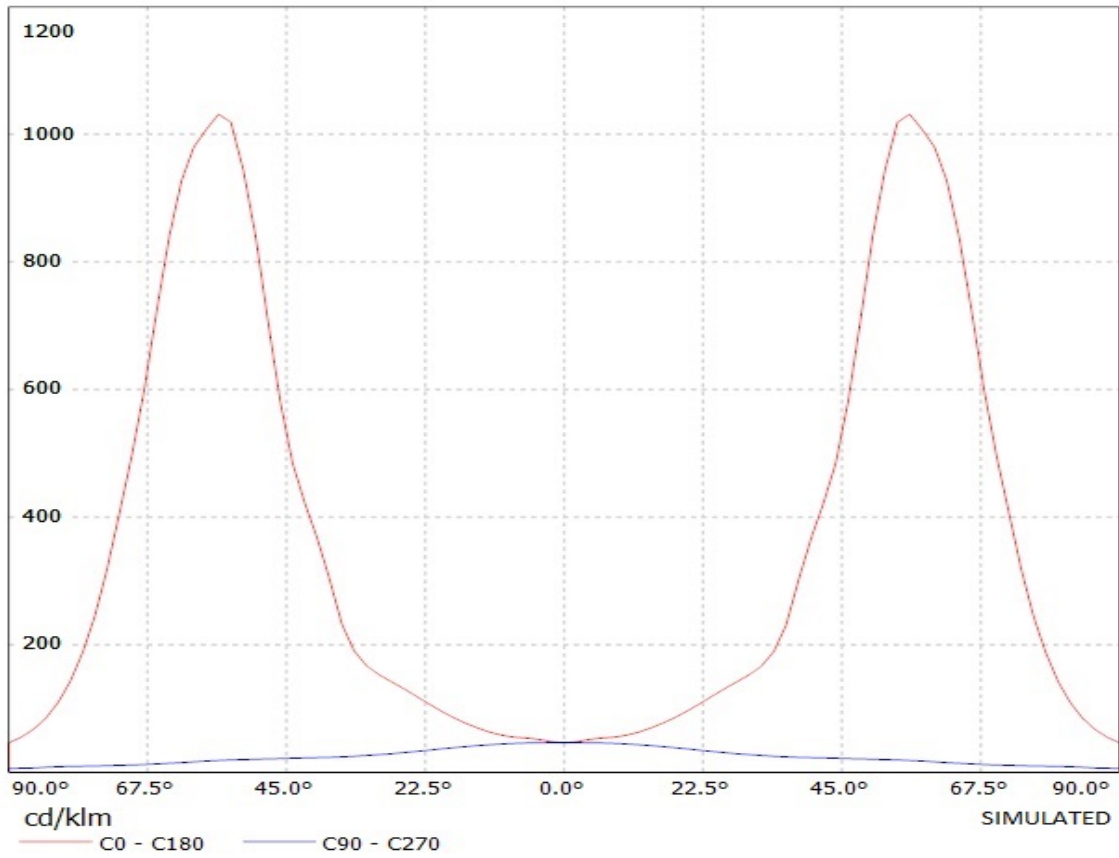
# Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP / LDC (Linear)

Luminaire: Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP  
Lamps: 1 x Cree XP-E (White)



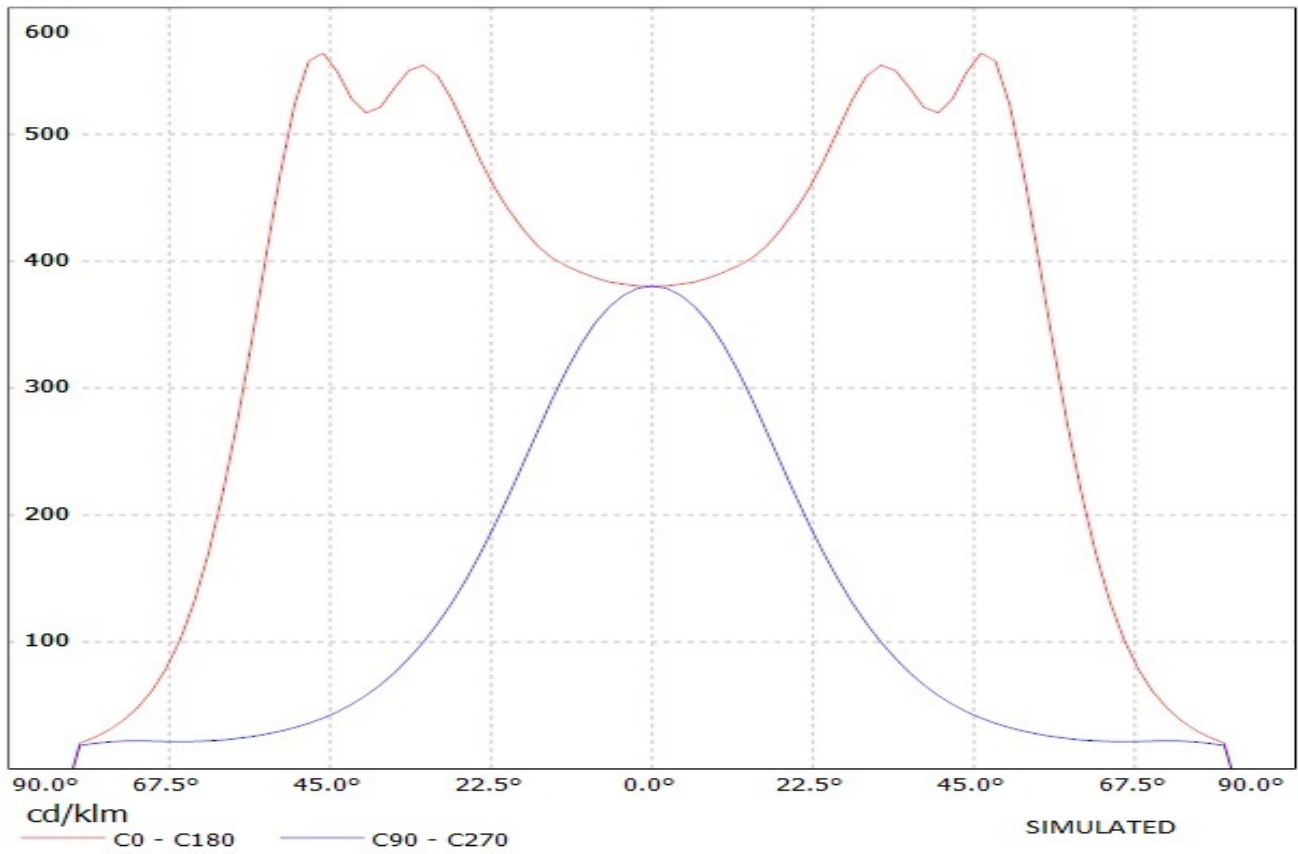
# Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP / LDC (Linear)

Luminaire: Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP  
Lamps: 1 x Cree XP-E (White)



# Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP / LDC (Linear)

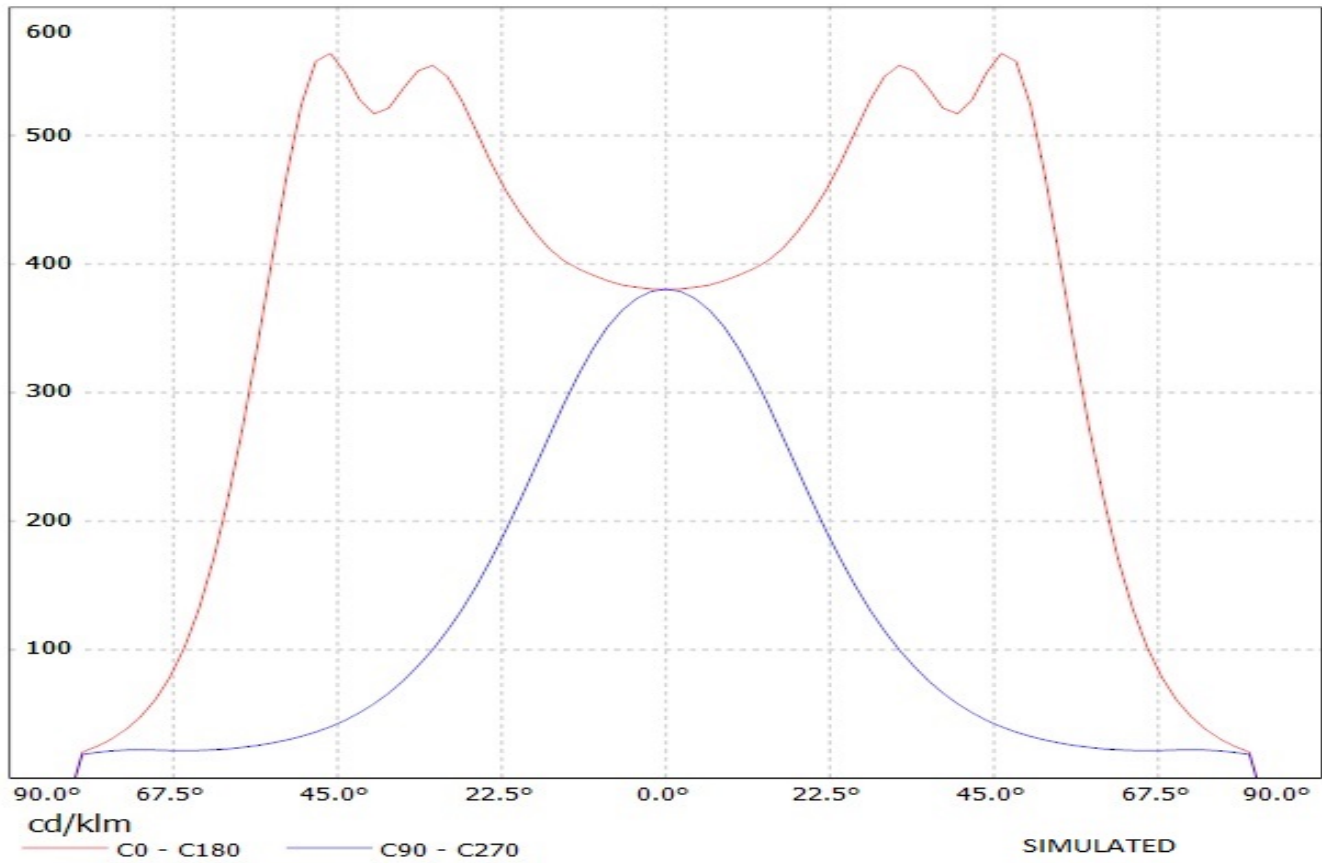
Luminaire: Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP  
Lamps: 1 x Cree XP-E (white)





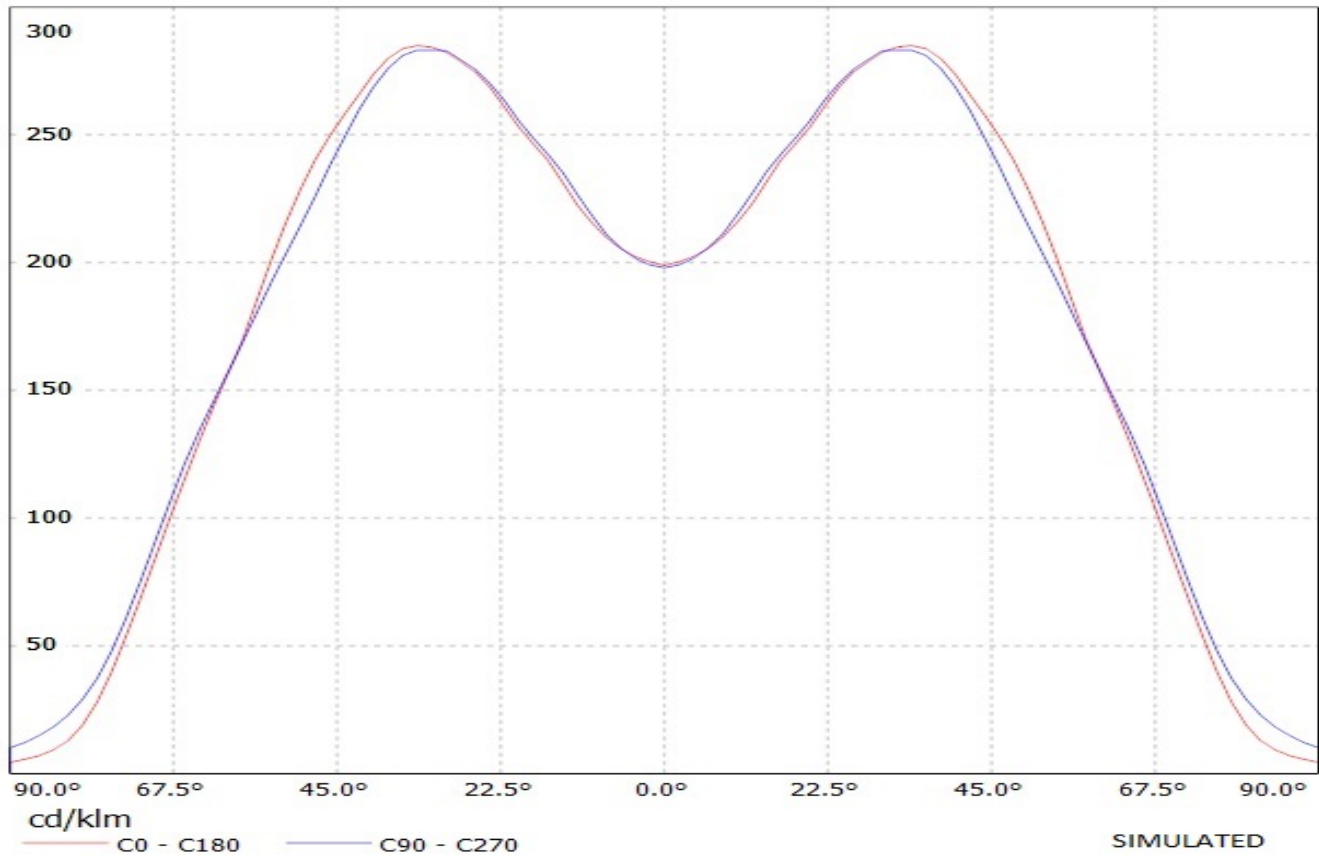
# Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP / LDC (Linear)

Luminaire: Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP  
Lamps: 1 x Cree XP-E (white)



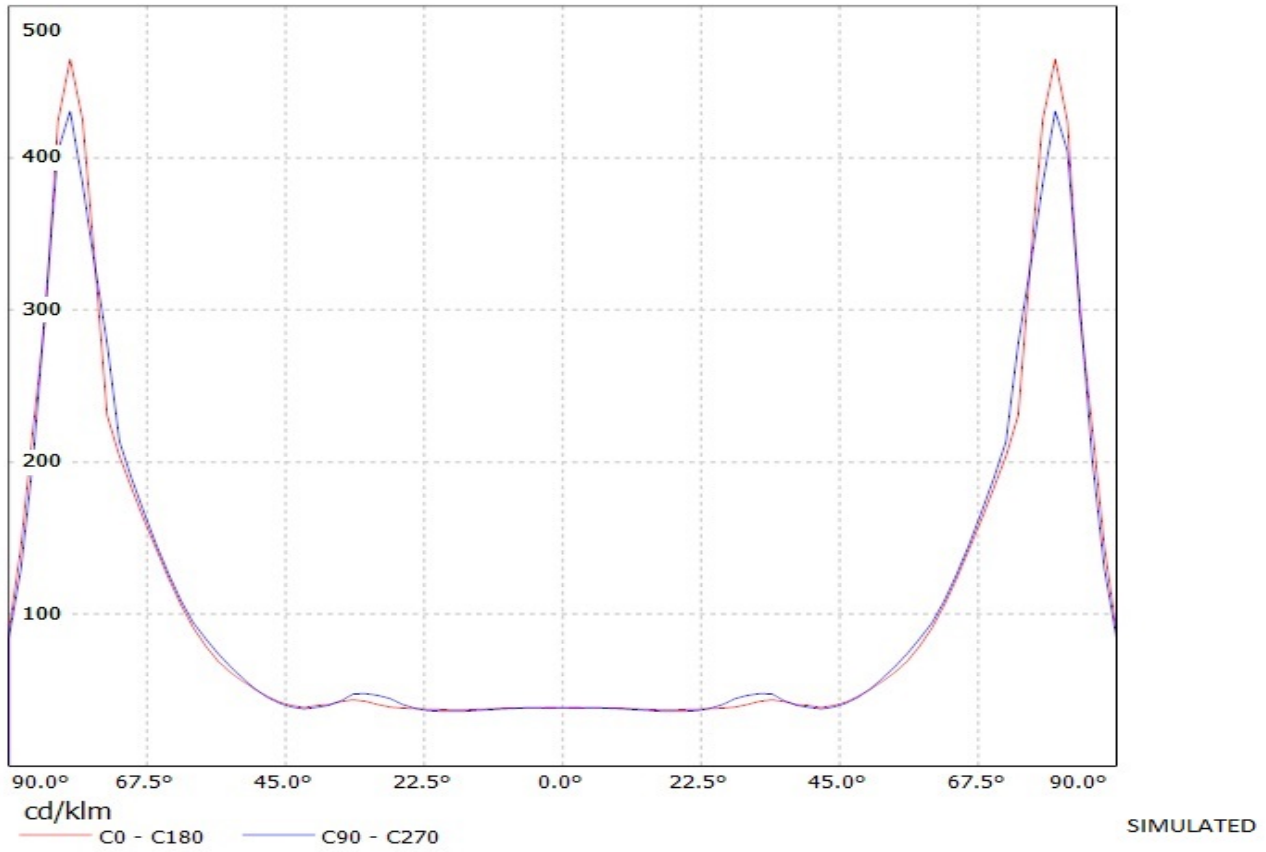
# Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP / LDC (Linear)

Luminaire: Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP  
Lamps: 1 x Cree XP-E (White)



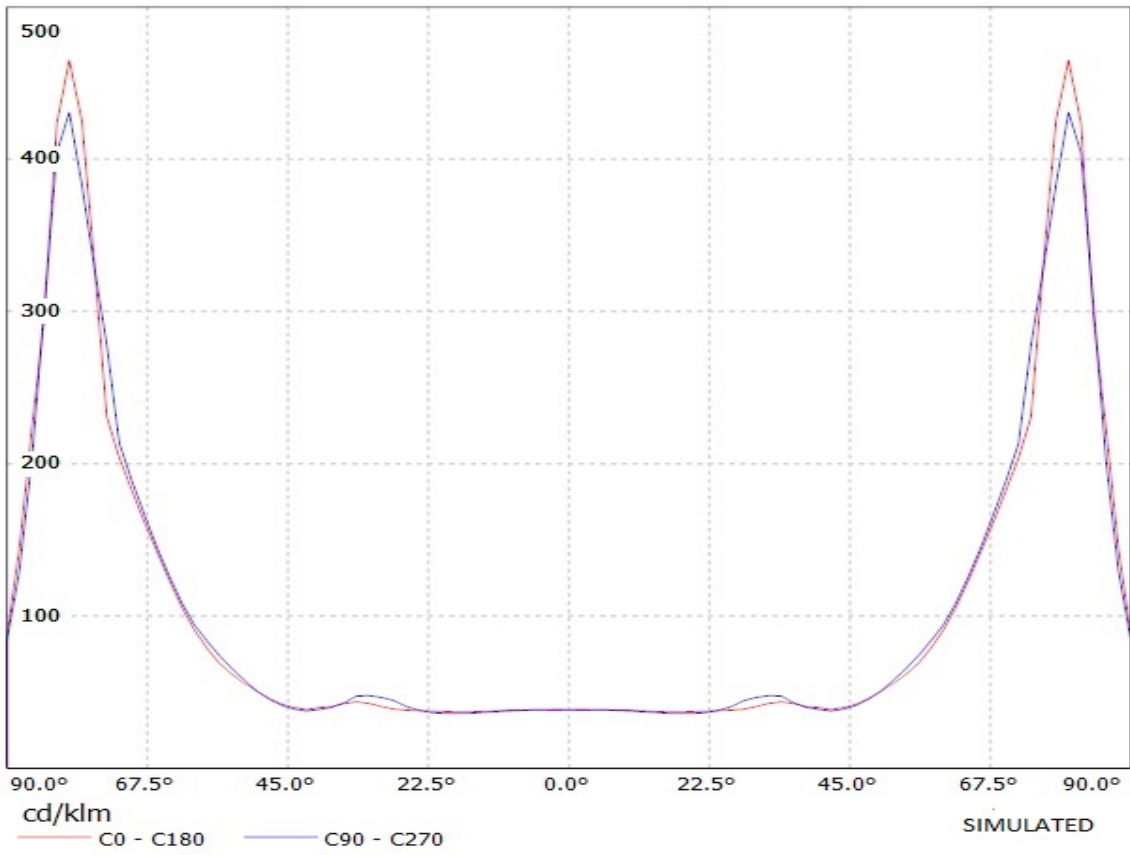
# Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP / LDC (Linear)

Luminaire: Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP  
Lamps: 1 x Cree XP-E (White)



# Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP / LDC (Linear)

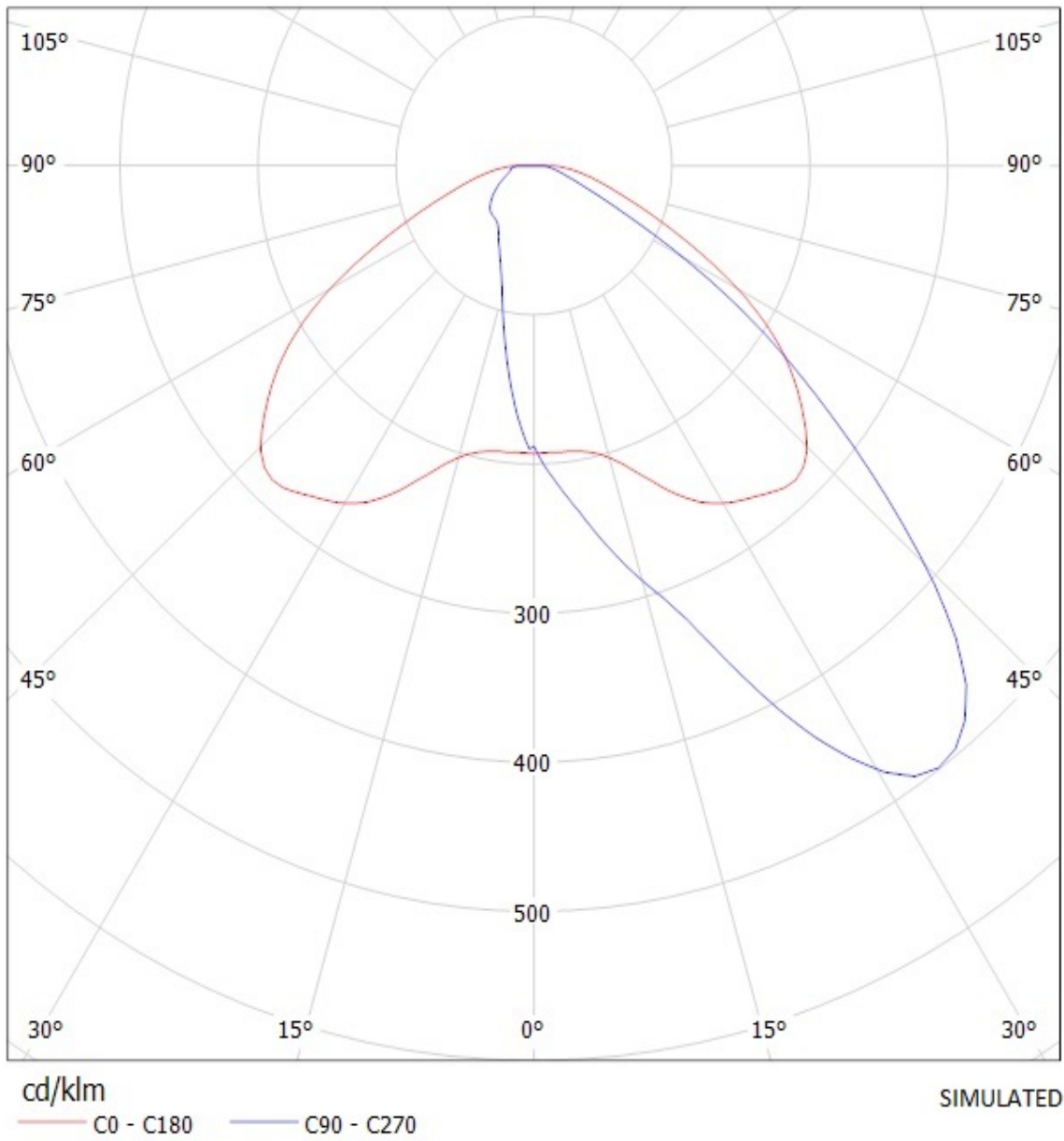
Luminaire: Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP  
Lamps: 1 x Cree XP-E (White)



# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Polar)

Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP

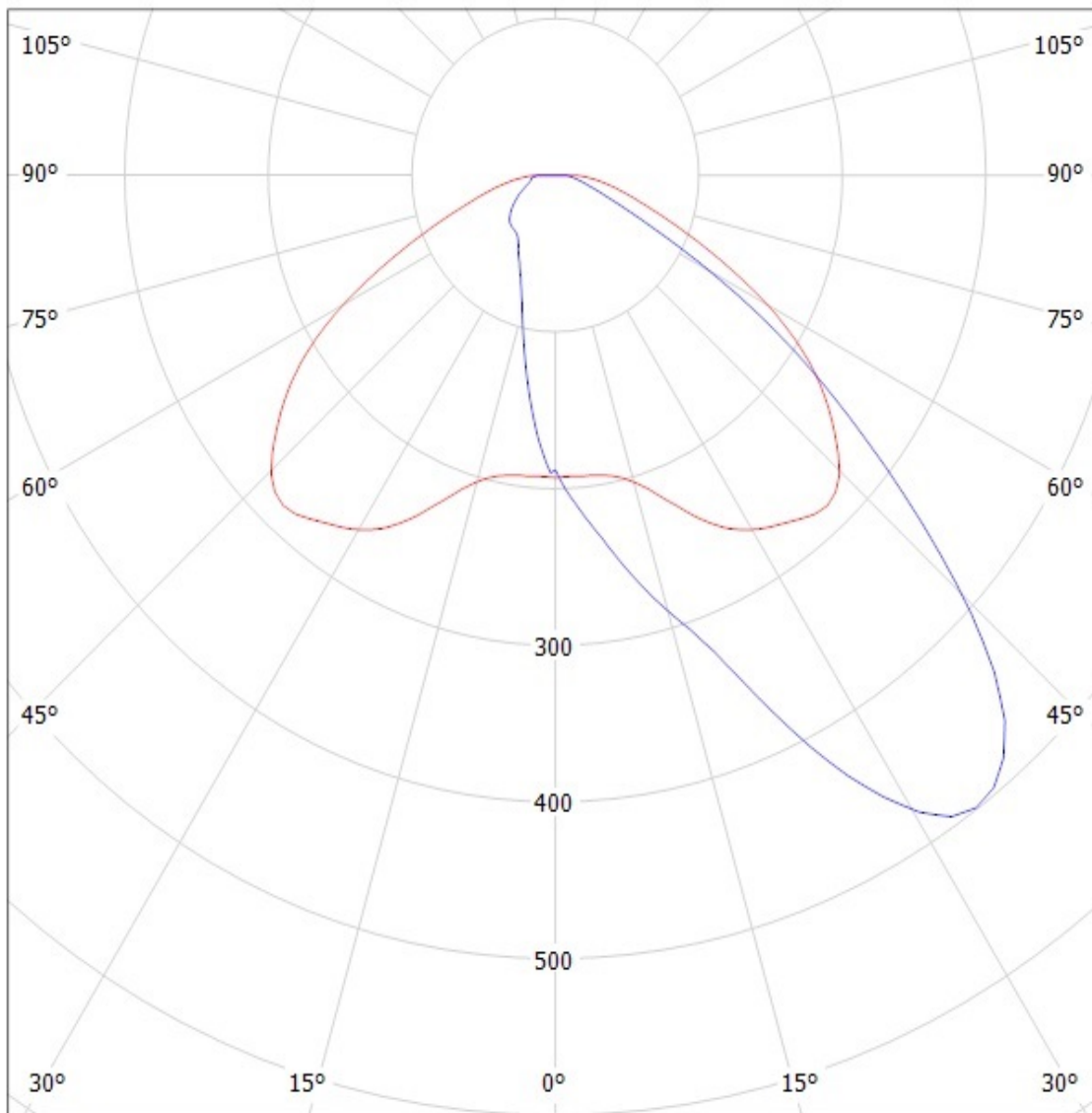
Lamps: 1 x Cree XP-E (White)



# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Polar)

Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP

Lamps: 1 x Cree XP-E (White)



cd/klm

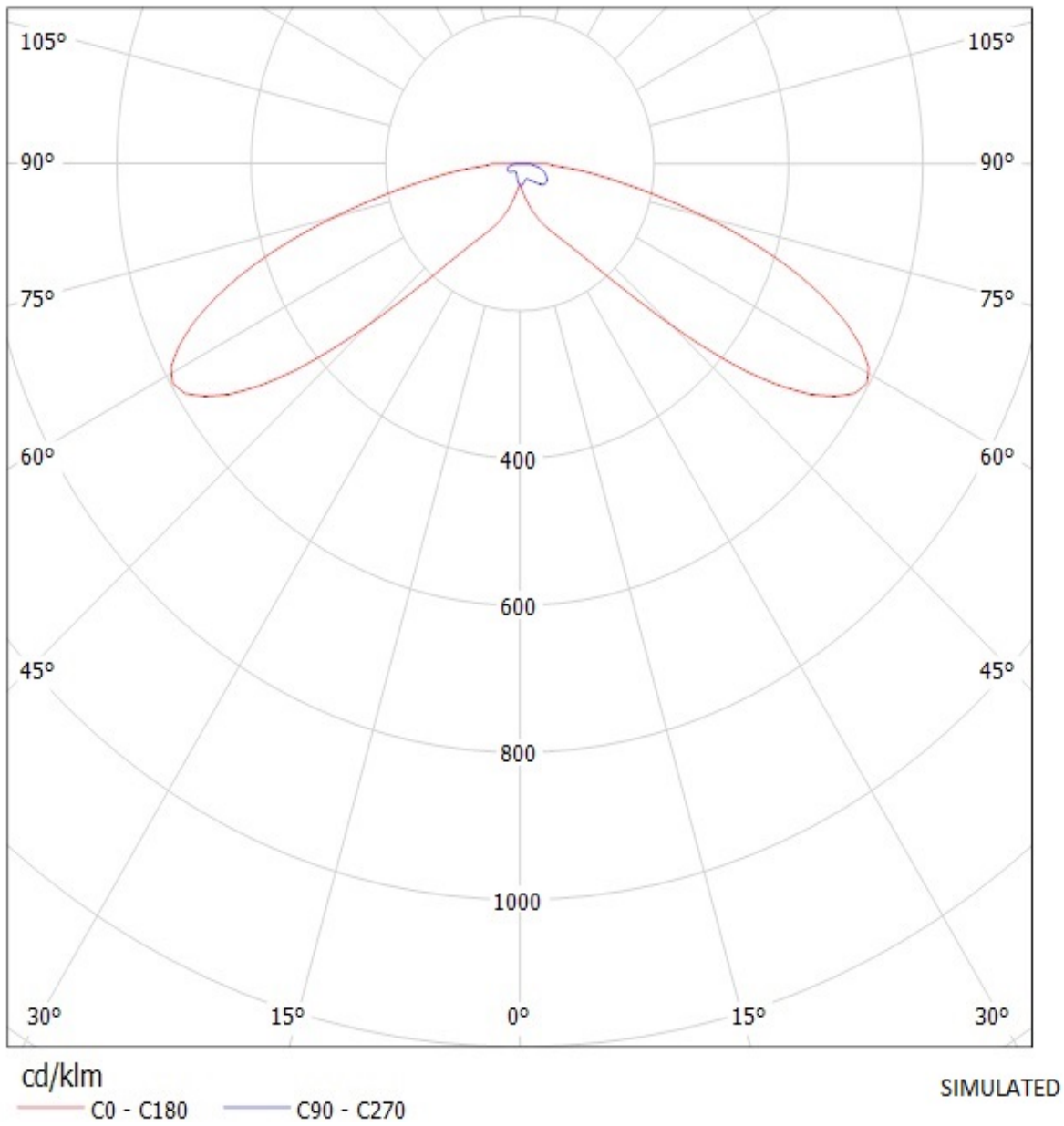
— C0 - C180 — C90 - C270

SIMULATED

# Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP / LDC (Polar)

Luminaire: Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP

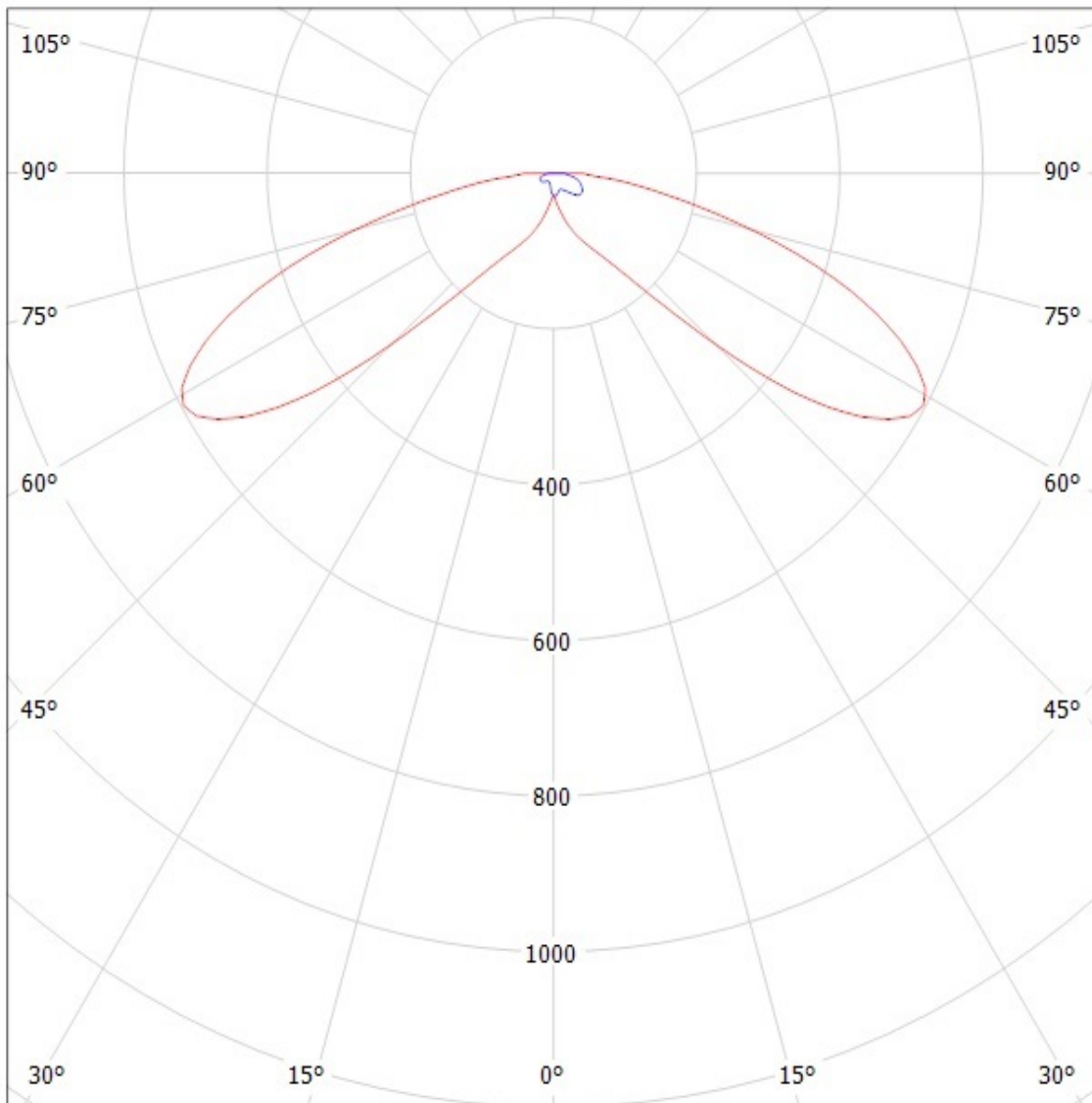
Lamps: 1 x Cree XP-E (White)





# Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP / LDC (Polar)

Luminaire: Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP  
Lamps: 1 x Cree XP-E (White)



cd/klm

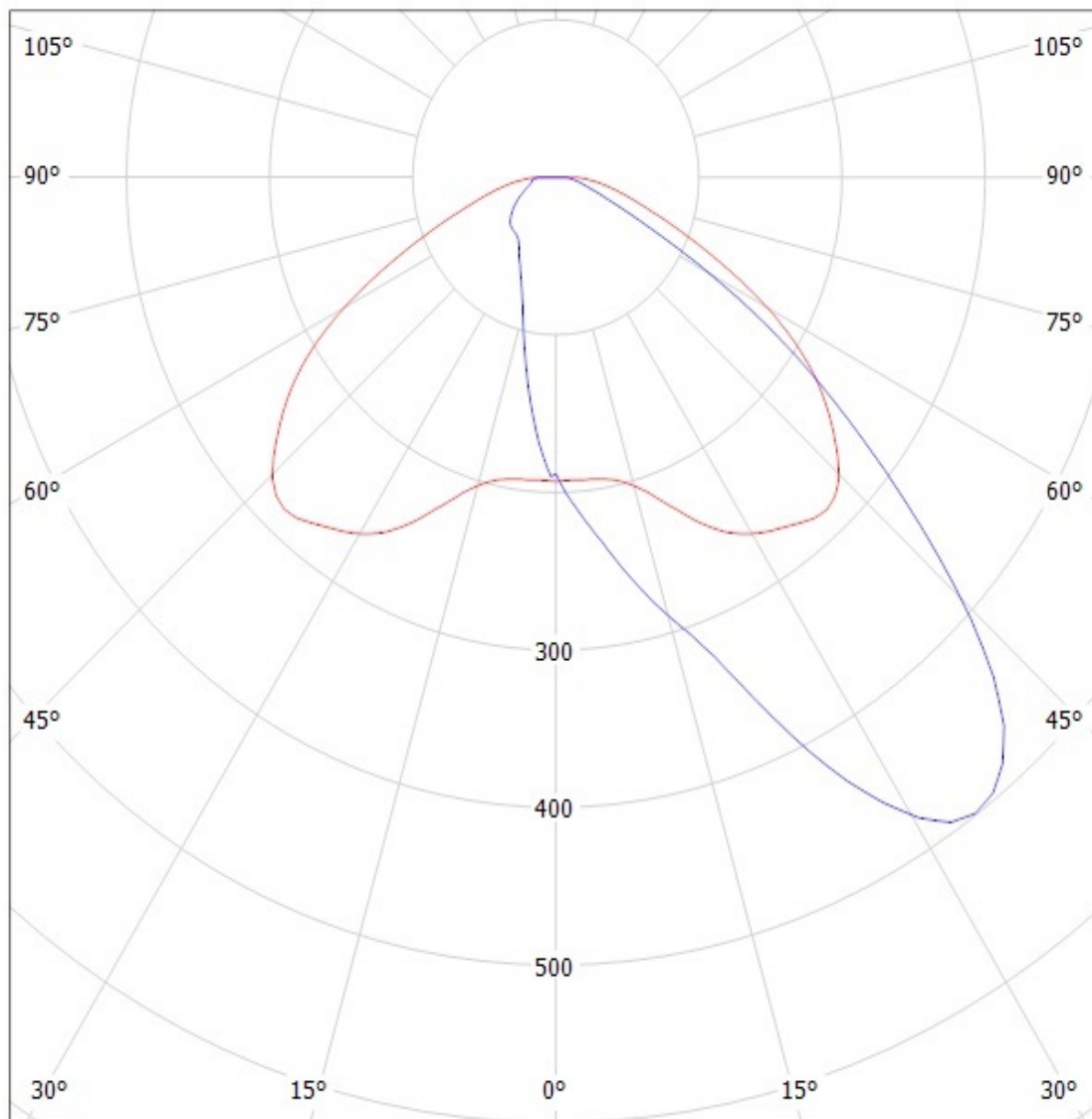
— C0 - C180 — C90 - C270

**SIMULATED**

# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Polar)

Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP

Lamps: 1 x Cree XP-E (White)



cd/klm

— C0 - C180

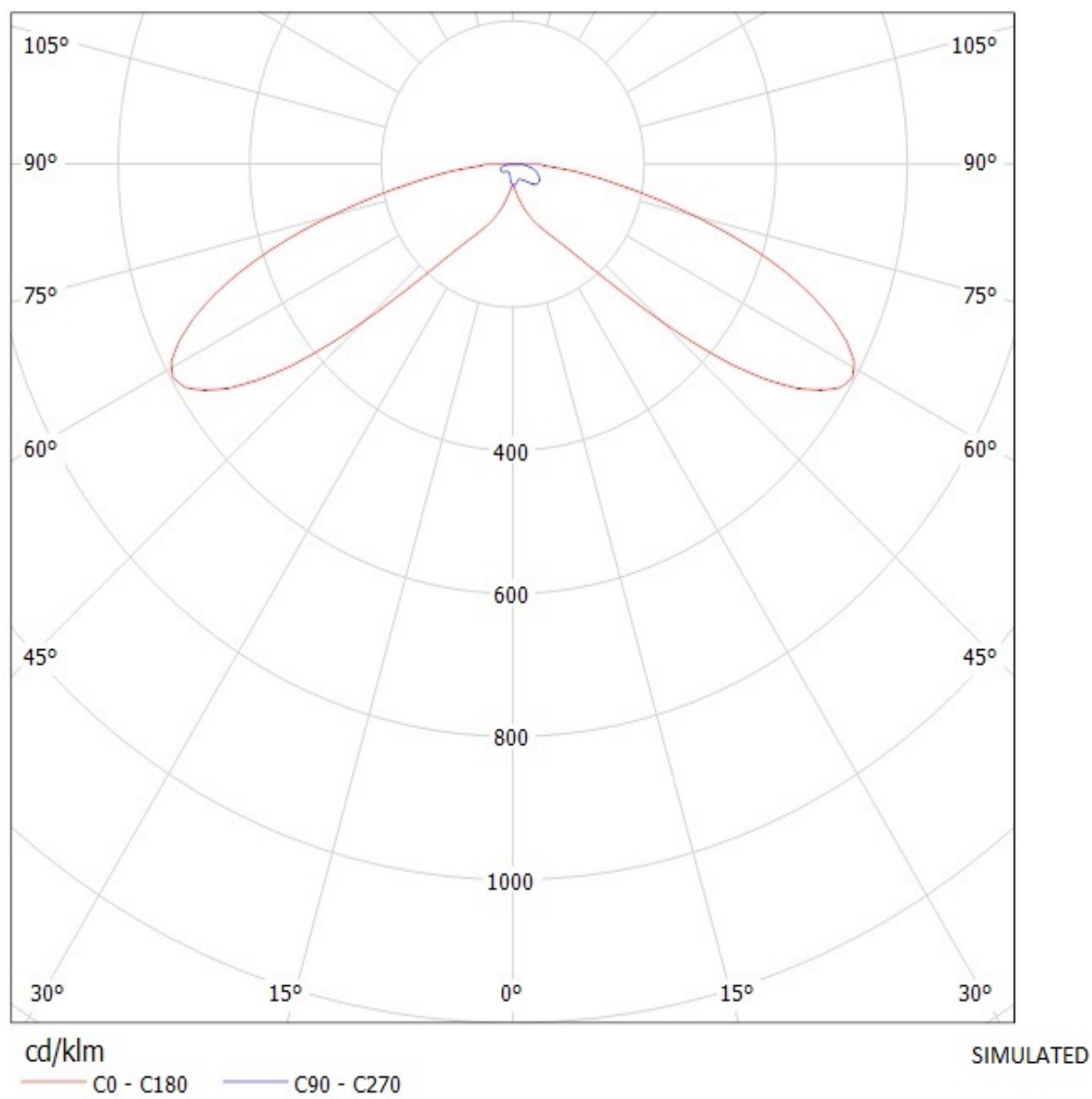
— C90 - C270

SIMULATED

# Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP / LDC (Polar)

Luminaire: Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP

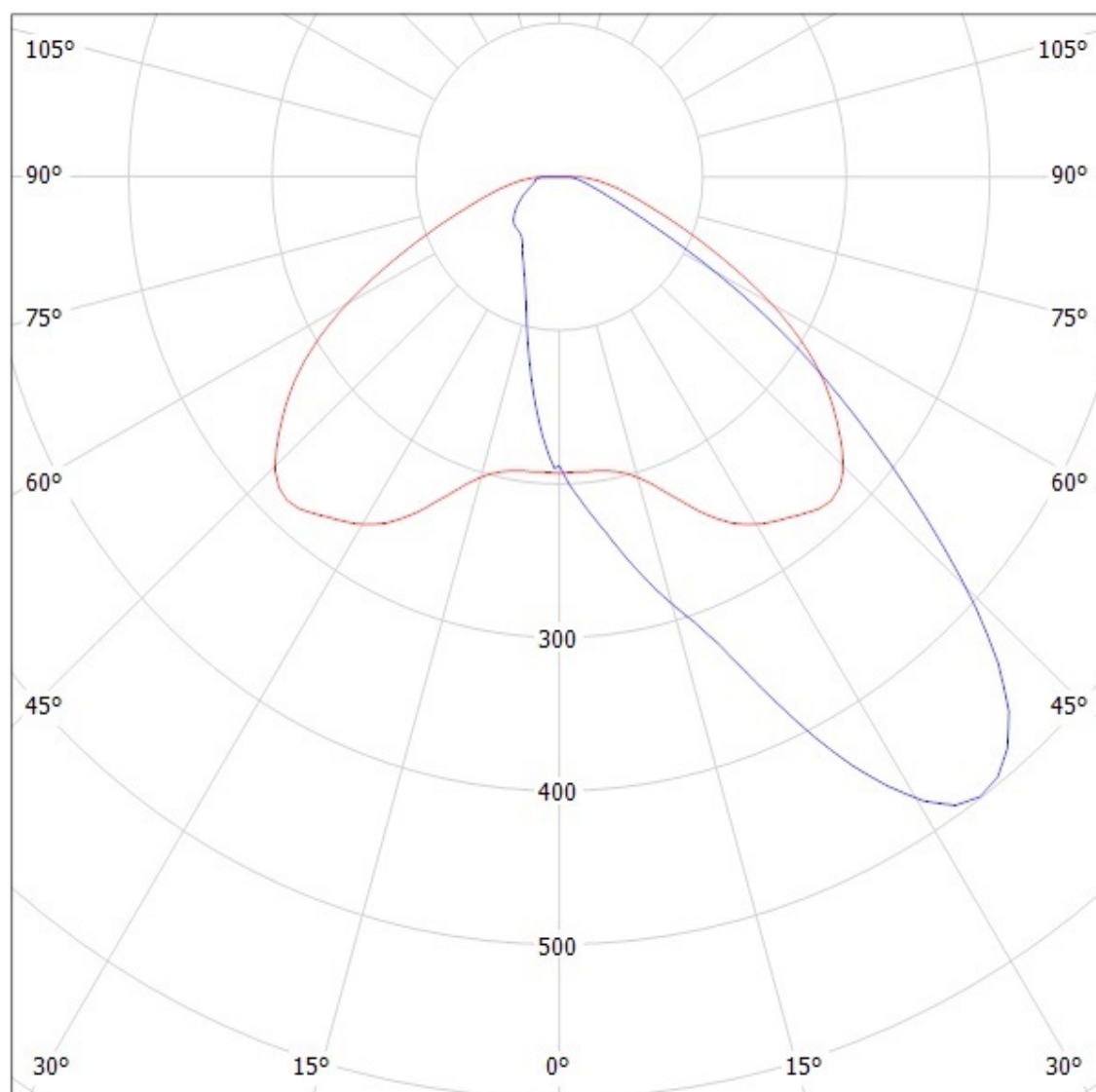
Lamps: 1 x Cree XP-E (White)



# Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP / LDC (Polar)

Luminaire: Ledil Oy C11415\_Strada-T-DN-XP C11415\_Strada-T-DN-XP

Lamps: 1 x Cree XP-E (White)



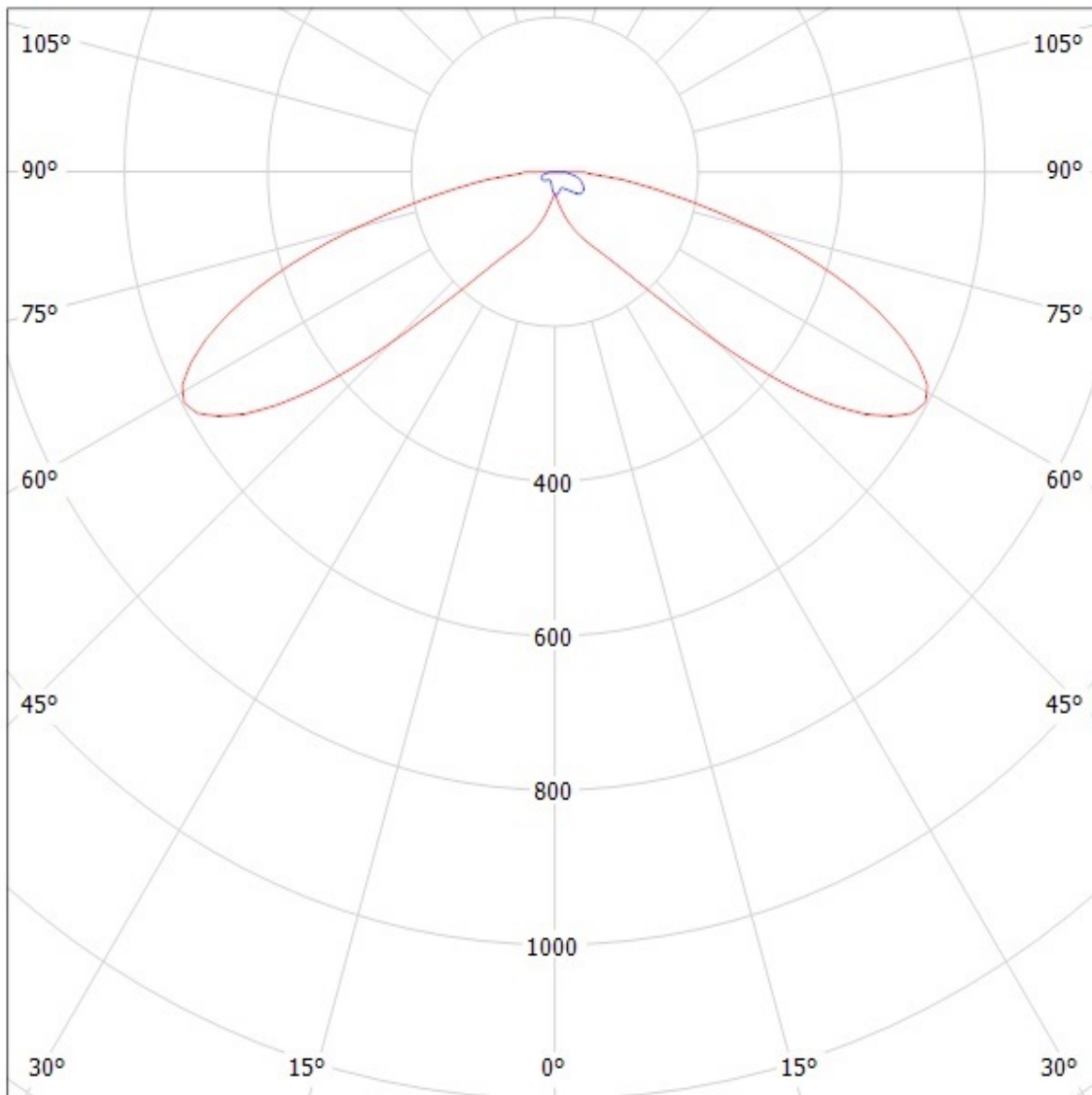
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

# Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP / LDC (Polar)

Luminaire: Ledil Oy C11425\_Strada-T-DW-XP C11425\_Strada-T-DW-XP  
Lamps: 1 x Cree XP-E (White)

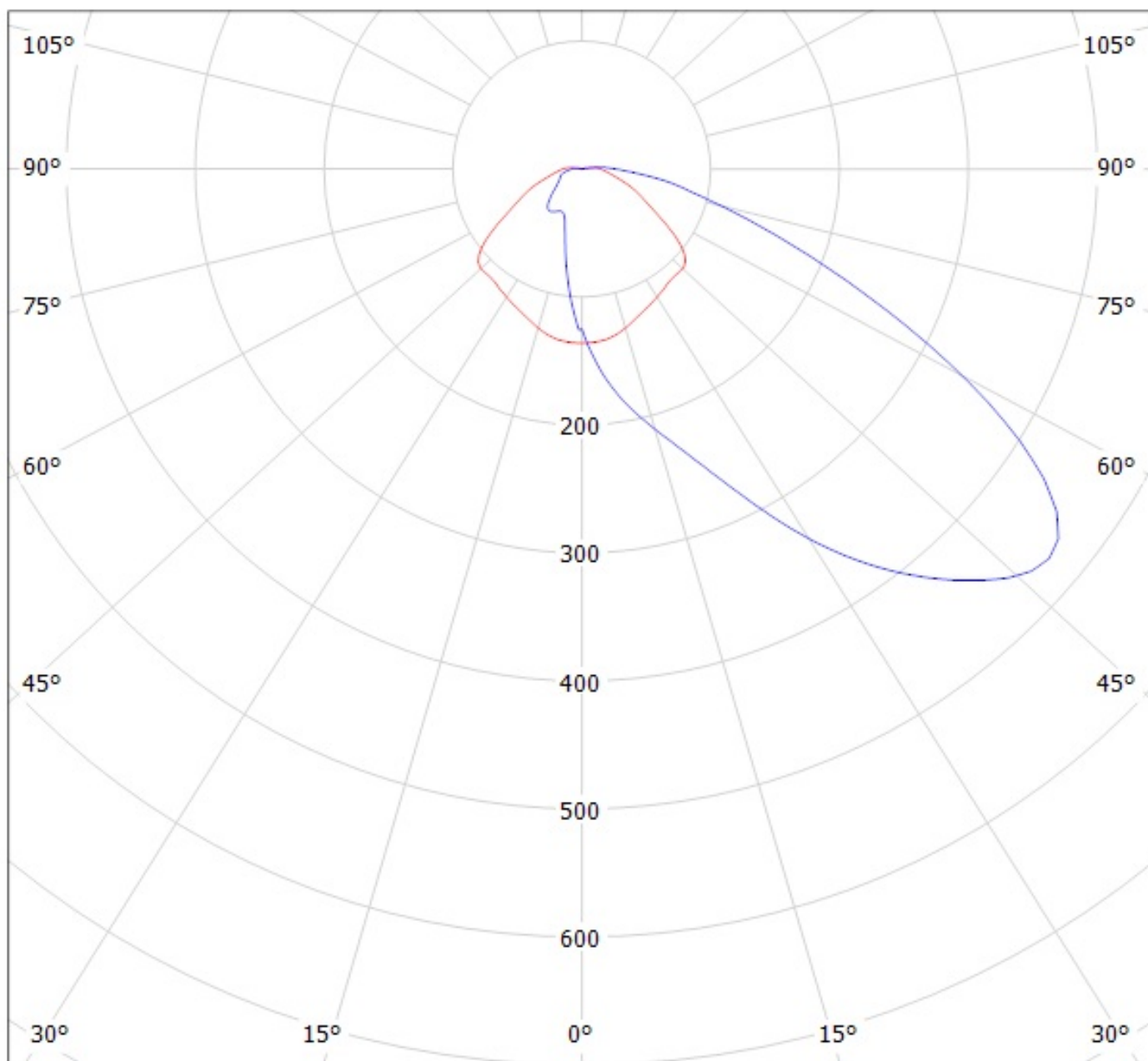


cd/klm

— C0 - C180 — C90 - C270

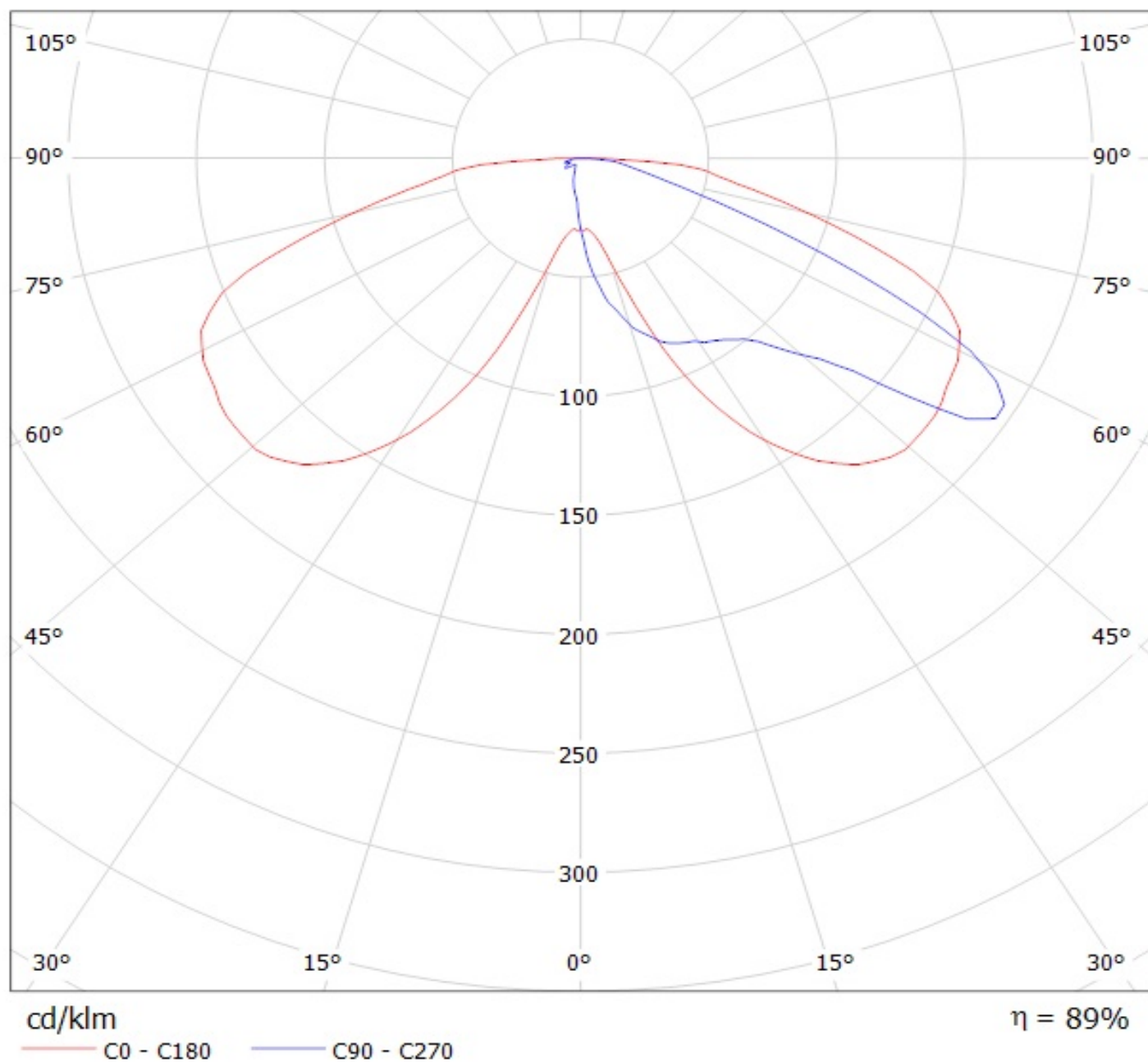
SIMULATED

Luminaire: Ledil Oy C12049\_Strada-FT-XP C12049\_Strada-FT-XP  
Lamps: 1 x Cree XP-E



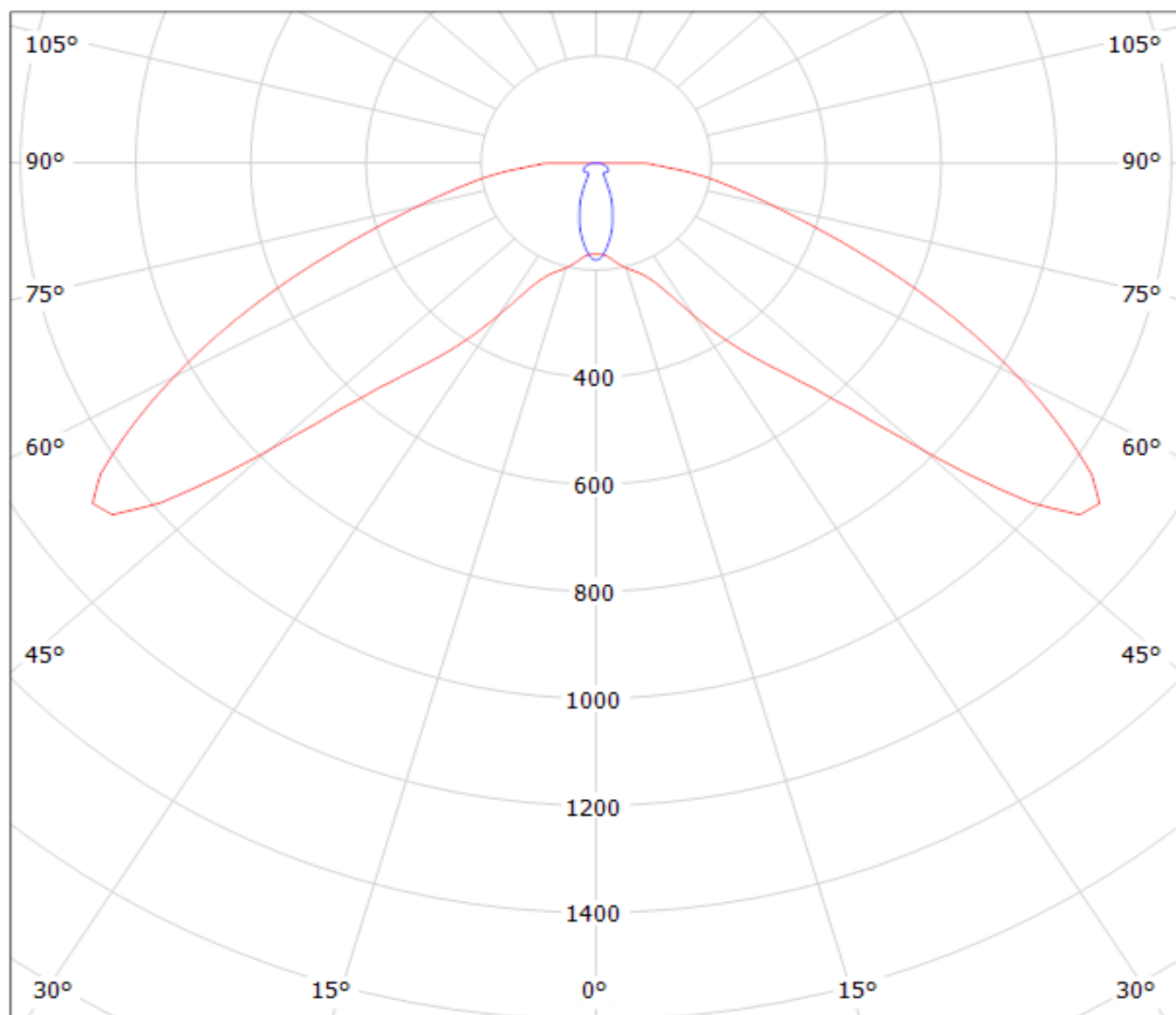


Luminaire: Ledil Oy CA12087-Strada-FW-Tape-XP  
Lamps: 1 x Cree XP-E 74,6lm 250mA





Luminaire: Ledil Oy CA10823\_Strada-A-XP CA10823\_Strada-A-XP  
Lamps: 1 x Cree XP-E (white)



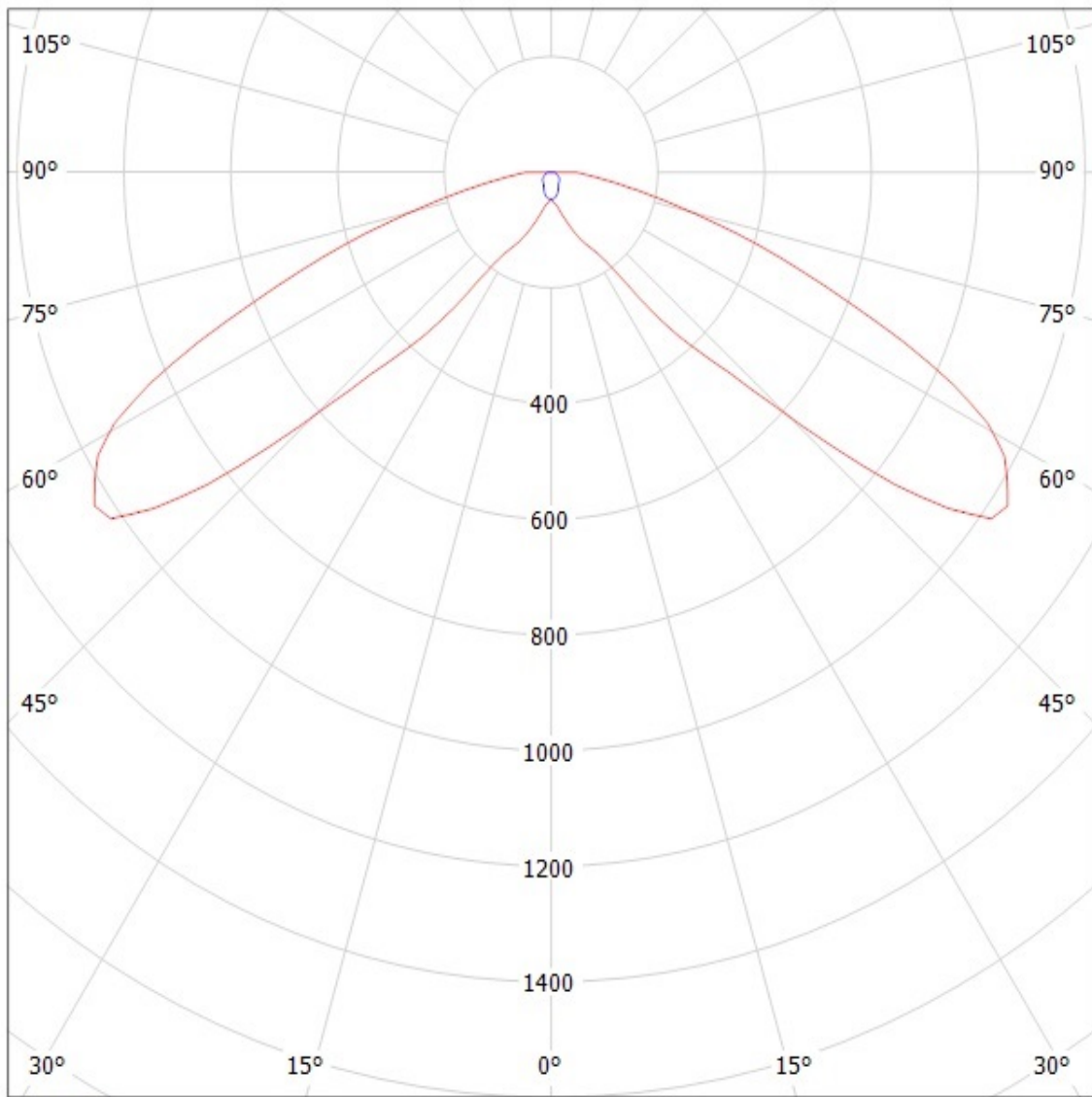
cd/klm

— C0 - C180    — C90 - C270

# Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP / LDC (Polar)

Luminaire: Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP

Lamps: 1 x Cree XP-E (White)



cd/klm

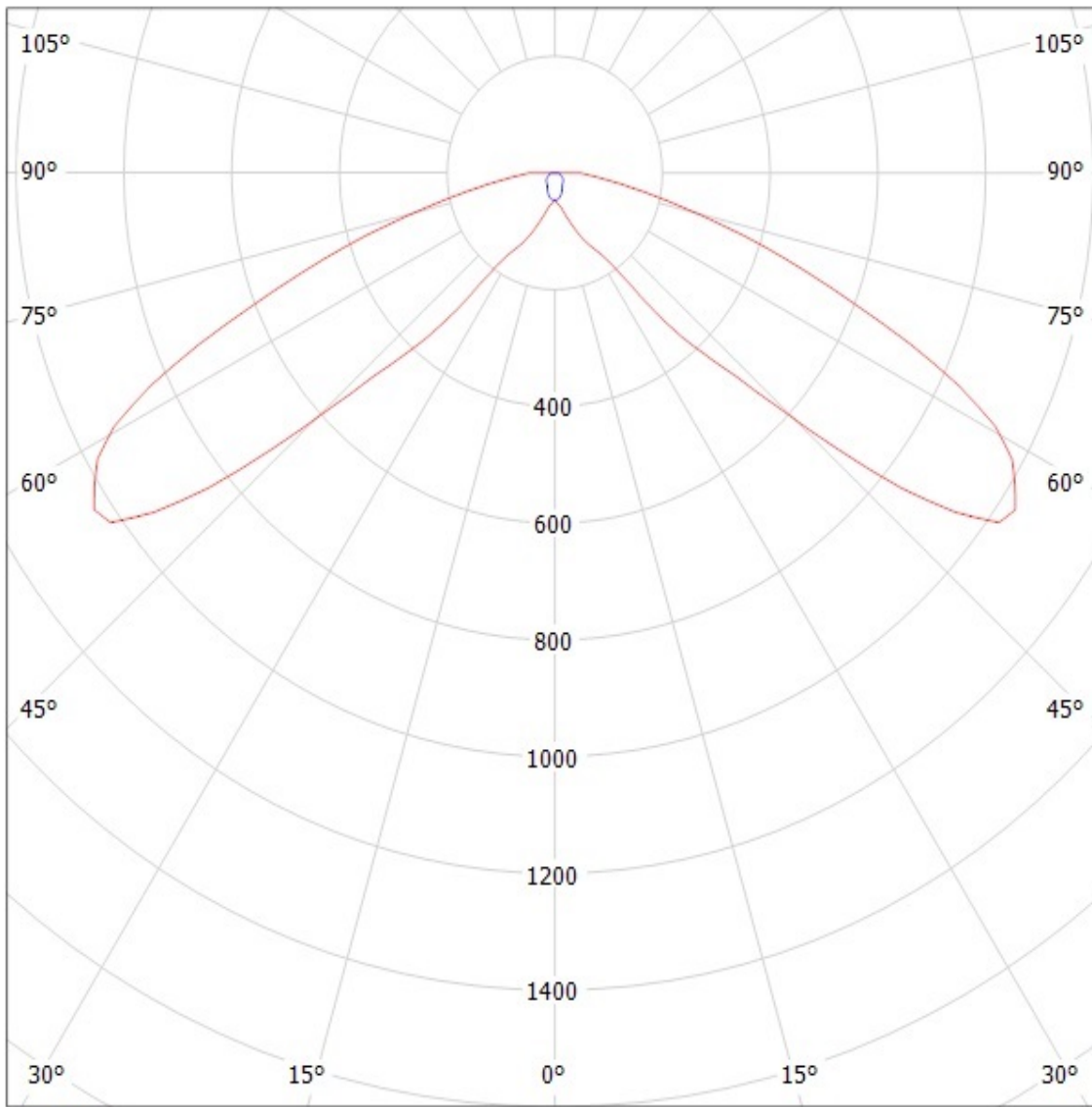
— C0 - C180

— C90 - C270

SIMULATED

# Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP / LDC (Polar)

Luminaire: Ledil Oy C11255\_Strada-DW-XP C11255\_Strada-DW-XP  
Lamps: 1 x Cree XP-E (White)



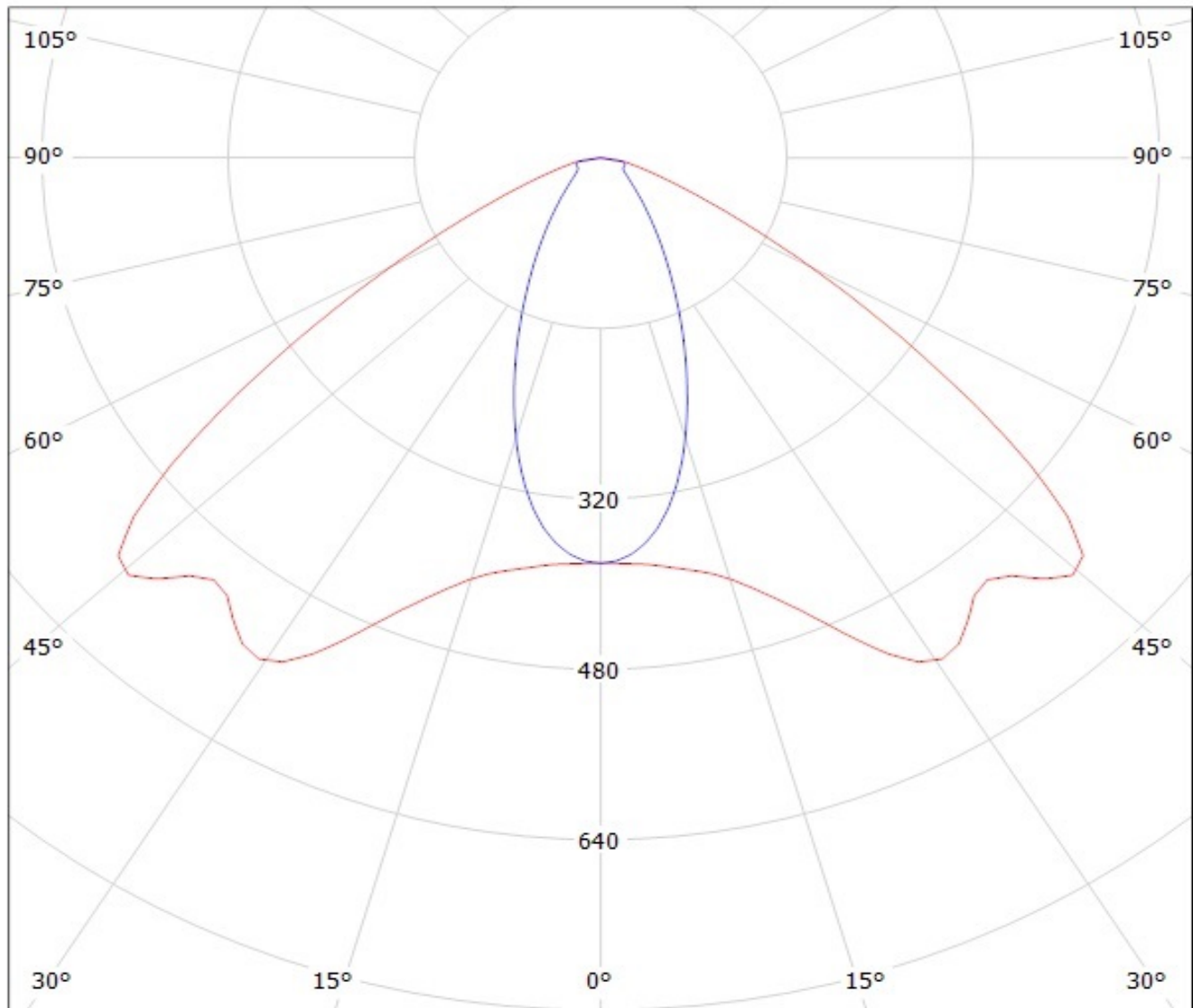
cd/klm

— C0 - C180    — C90 - C270

SIMULATED

# Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP / LDC (Polar)

Luminaire: Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP  
Lamps: 1 x Cree XP-E (white)



cd/klm

— C0 - C180

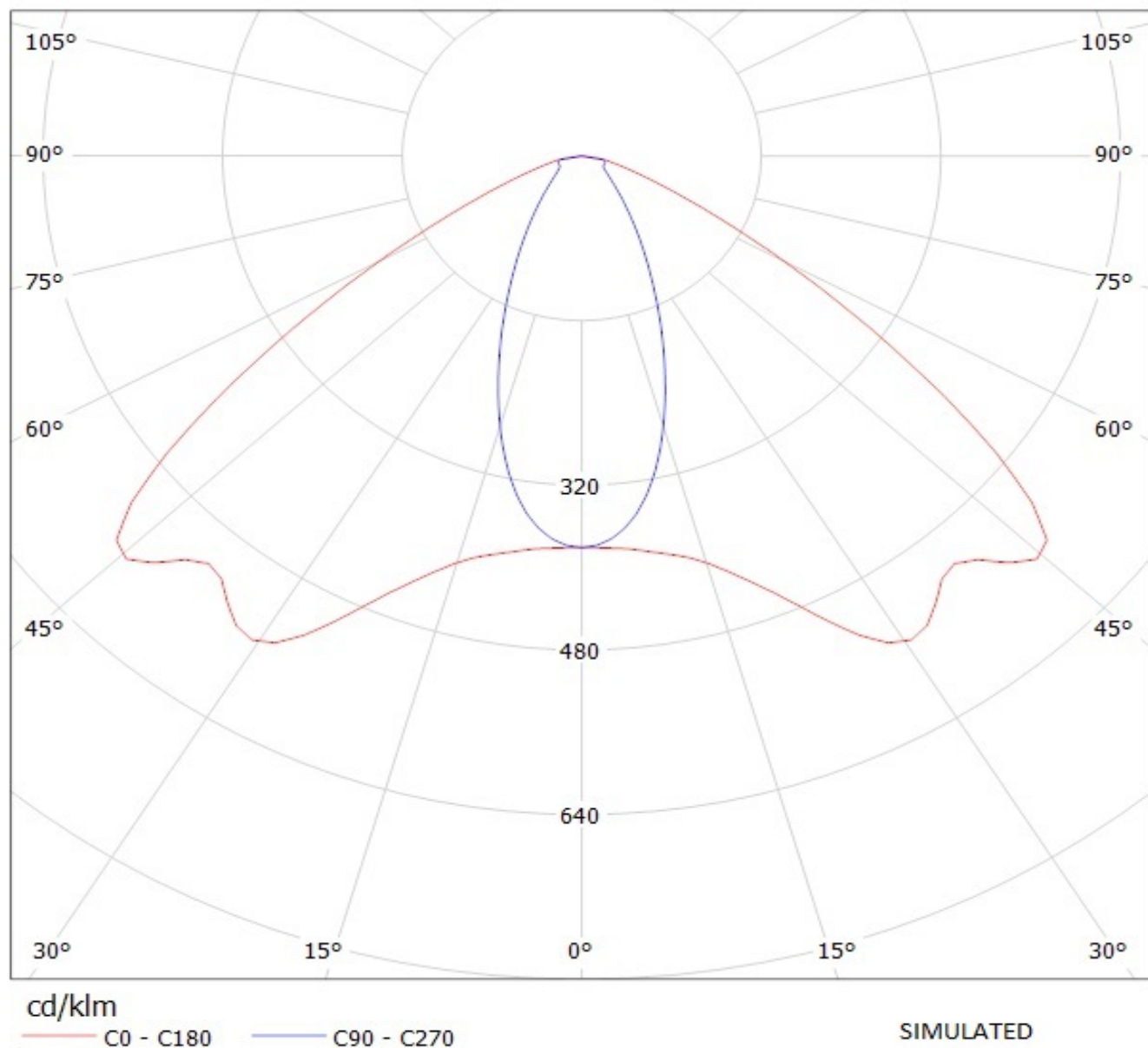
— C90 - C270

SIMULATED

# Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP / LDC (Polar)

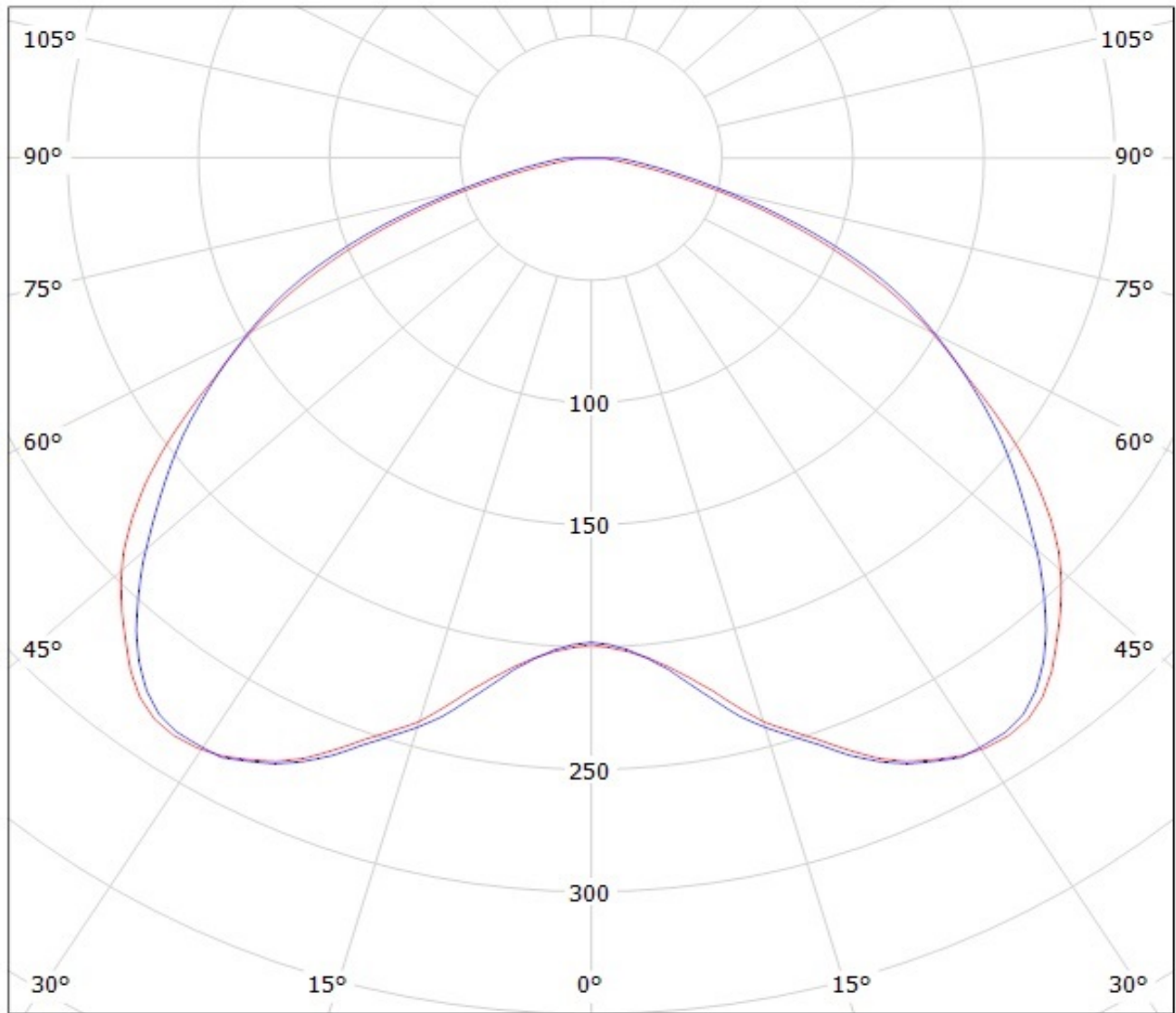
Luminaire: Ledil Oy C10926\_Strada-B-XP C10926\_Strada-B-XP

Lamps: 1 x Cree XP-E (white)



# Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP / LDC (Polar)

Luminaire: Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP  
Lamps: 1 x Cree XP-E (White)



cd/klm

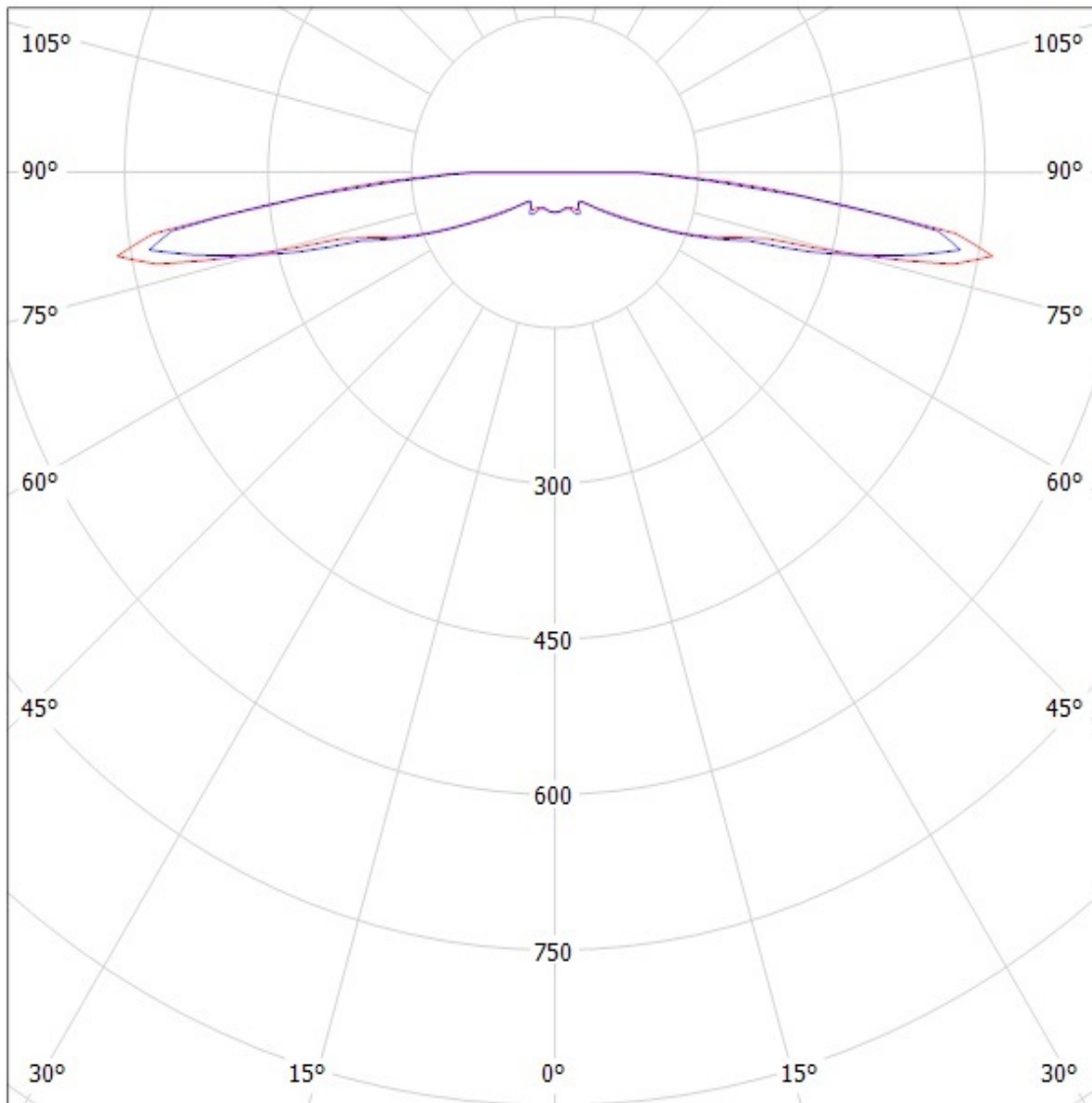
— C0 - C180 — C90 - C270

SIMULATED



# Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP / LDC (Polar)

Luminaire: Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP  
Lamps: 1 x Cree XP-E (White)



cd/klm

— C0 - C180    — C90 - C270

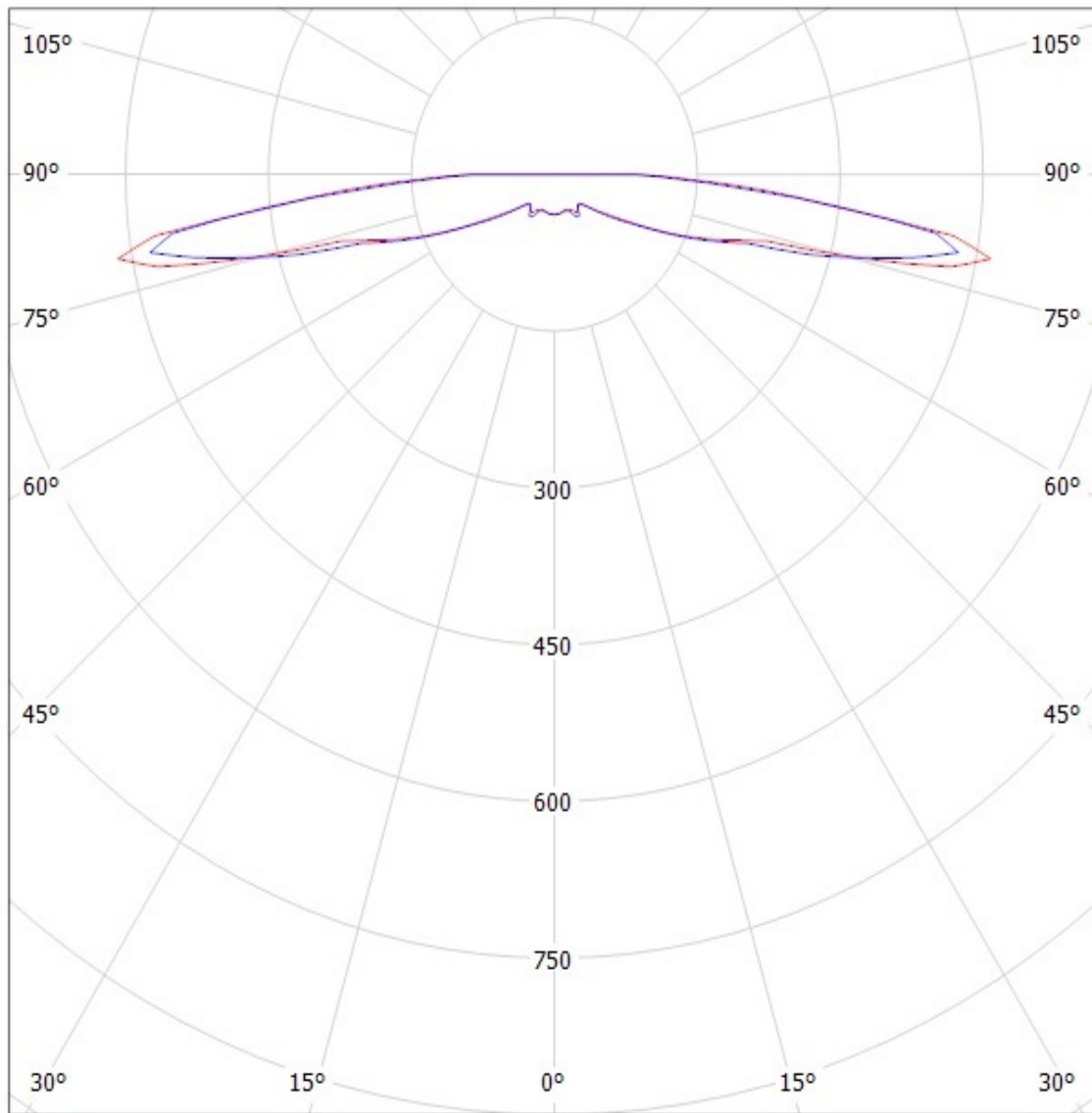
SIMULATED



# Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP / LDC (Polar)

Luminaire: Ledil Oy C11249\_Strada-S-XP C11249\_Strada-S-XP

Lamps: 1 x Cree XP-E (White)



cd/klm

— C0 - C180 — C90 - C270

SIMULATED