


**Ordering number C12360\_STRADA-2X2-DNW**

Family	Strada-Module	FWHM	Asym degrees
Type	Lens array	Efficiency	93 %
LED	LUXEON Rebel ES	cd/lm	0.340
Color	Clear	Gerber File	Available
Diameter	50x50 mm		
Height	11 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		


**Ordering number C12362\_STRADA-2X2-DWC**

Family	Strada-Module	FWHM	Asym degrees
Type	Lens array	Efficiency	93 %
LED	LUXEON Rebel ES	cd/lm	0.410
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		


**Ordering number C12419\_STRADA-2X2-A-T**

Family	Strada-Module	FWHM	Asym degrees
Type	Lens array	Efficiency	93 %
LED	LUXEON Rebel ES	cd/lm	0.450
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		


**Ordering number C13300\_STRADA-2X2-T2**

Family	Strada-Module	FWHM	Asym degrees
Type	Lens array	Efficiency	94 %
LED	LUXEON Rebel ES	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	50 + 50 mm		
Height	7.7 mm		
Style	Square	IESNA Type II Street light optic	Suitable for narrow roads and
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		

**Ordering number** C13301\_STRADA-2X2-T3

Family	Strada-Module	FWHM	asymmetric degrees
Type	Lens array	Efficiency	94 %
LED	LUXEON Rebel ES	cd/lm	0.720
Color	Clear	Gerber File	Available
Diameter	50 x 50 mm		
Height	7 mm		
Style	Square	IESNA Type III Street light optic	
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		

**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 3/10/2013

PHILIPS  
LUMILEDS

### GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON Rebel ES 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)

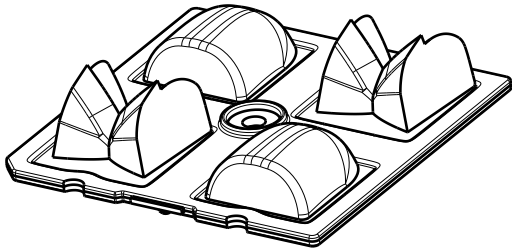
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

D

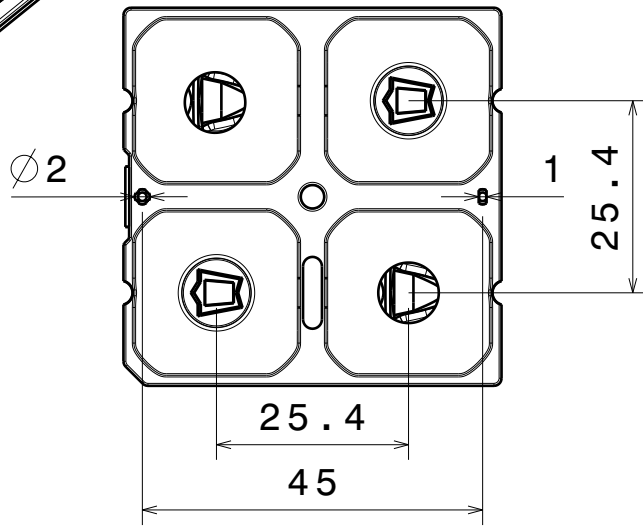
C

B

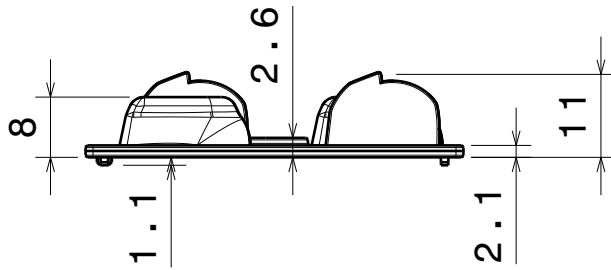
A



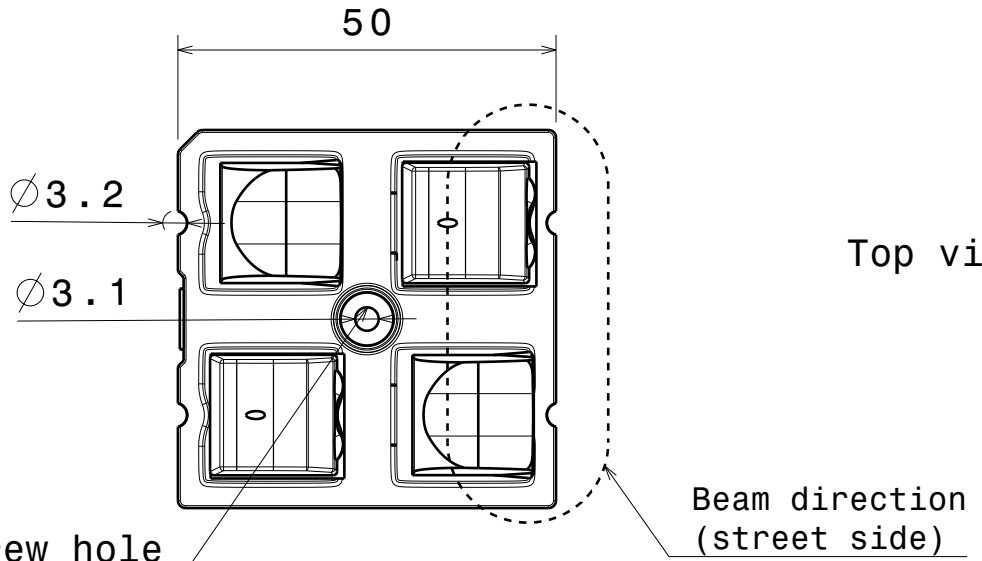
Isometric view



Bottom view



Front view



Top view

Material: PMMA

Screw hole

Beam direction (street side)

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Ledil Oy  
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

SIZE  
A4

DRAWING NUMBER

C12360

REV  
4

DESIGNED BY  
ol

DATE  
18.10.2011

SCALE

1:1

WEIGHT (g)

SHEET

1/1

D

A

4

4

3

3

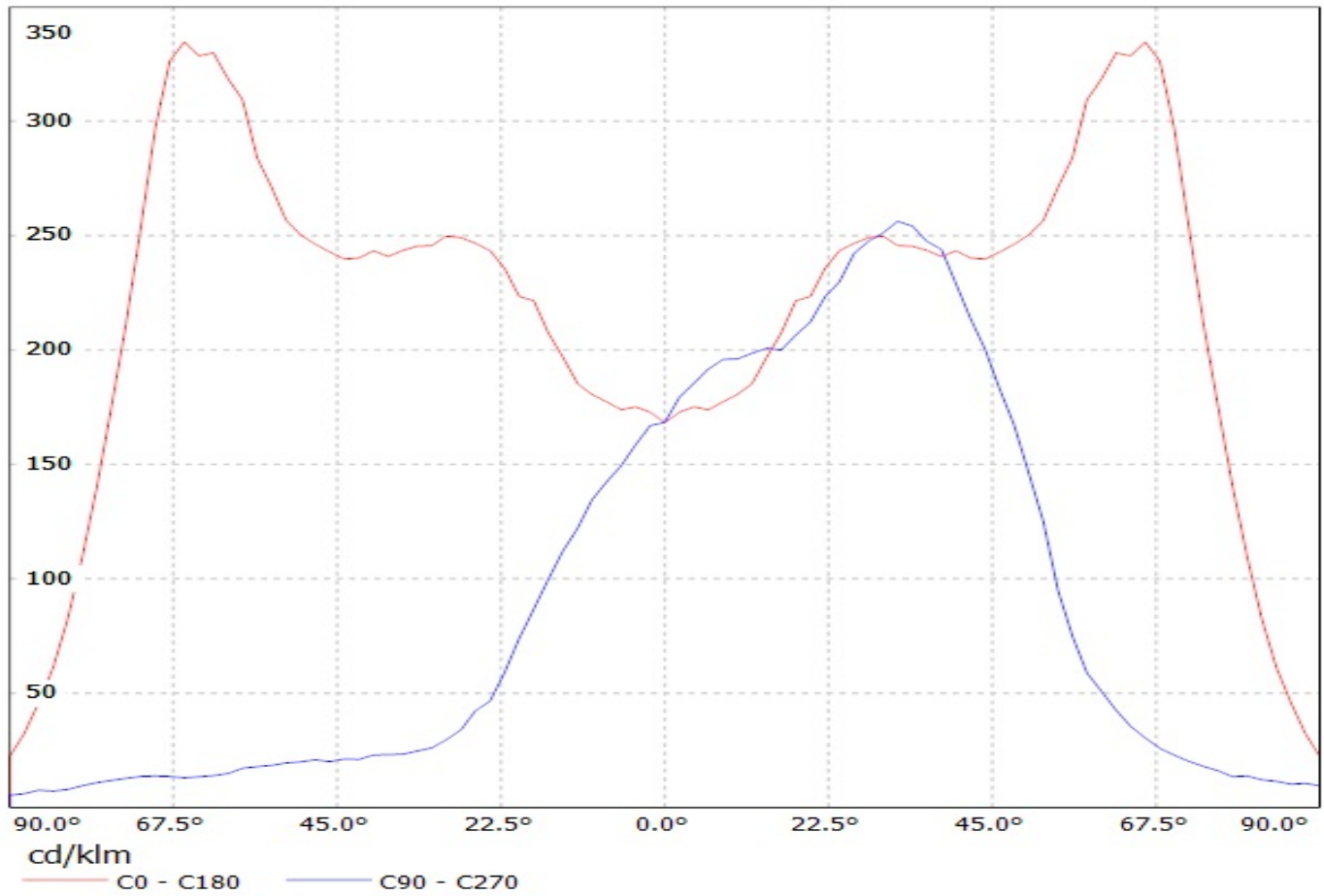
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2

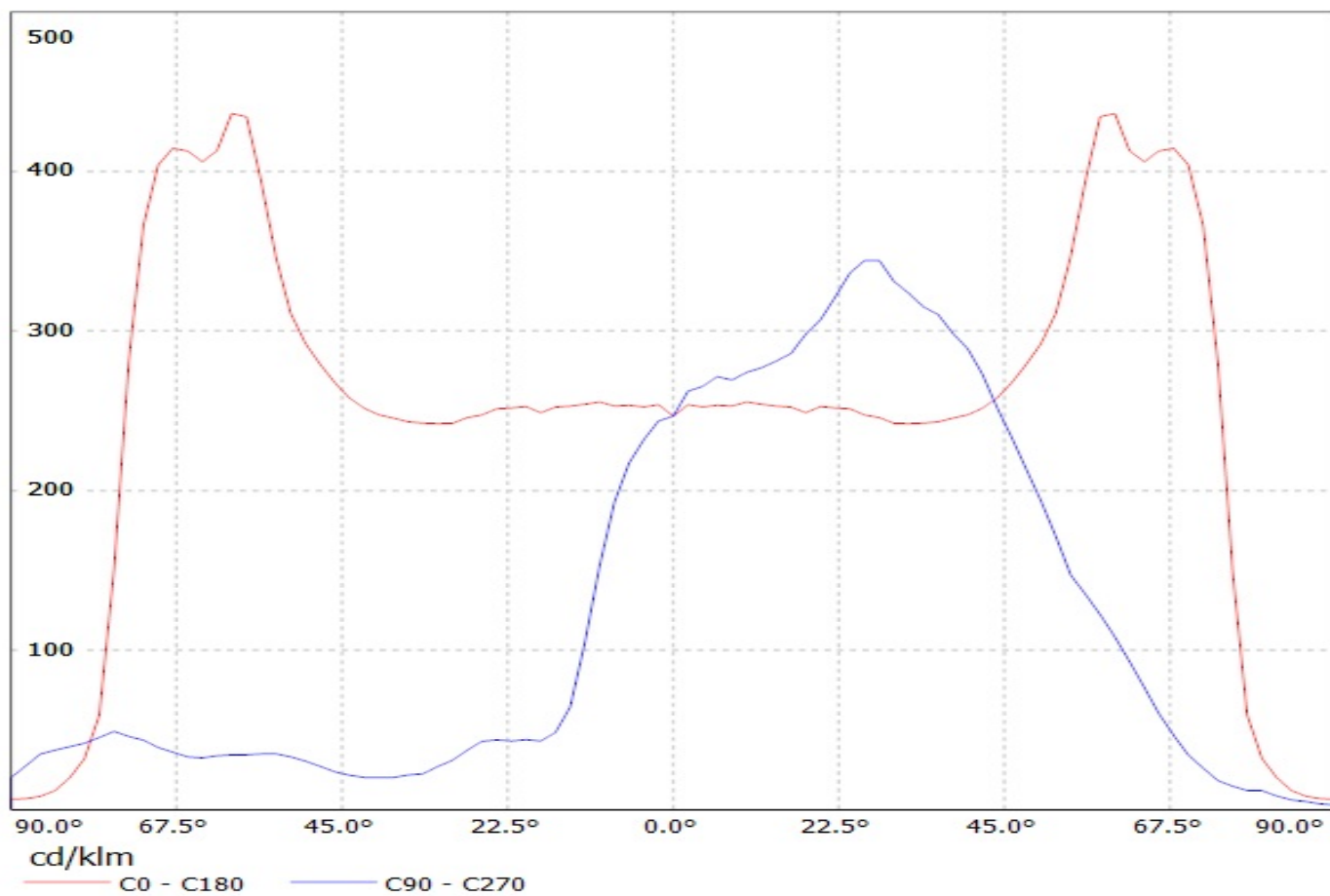
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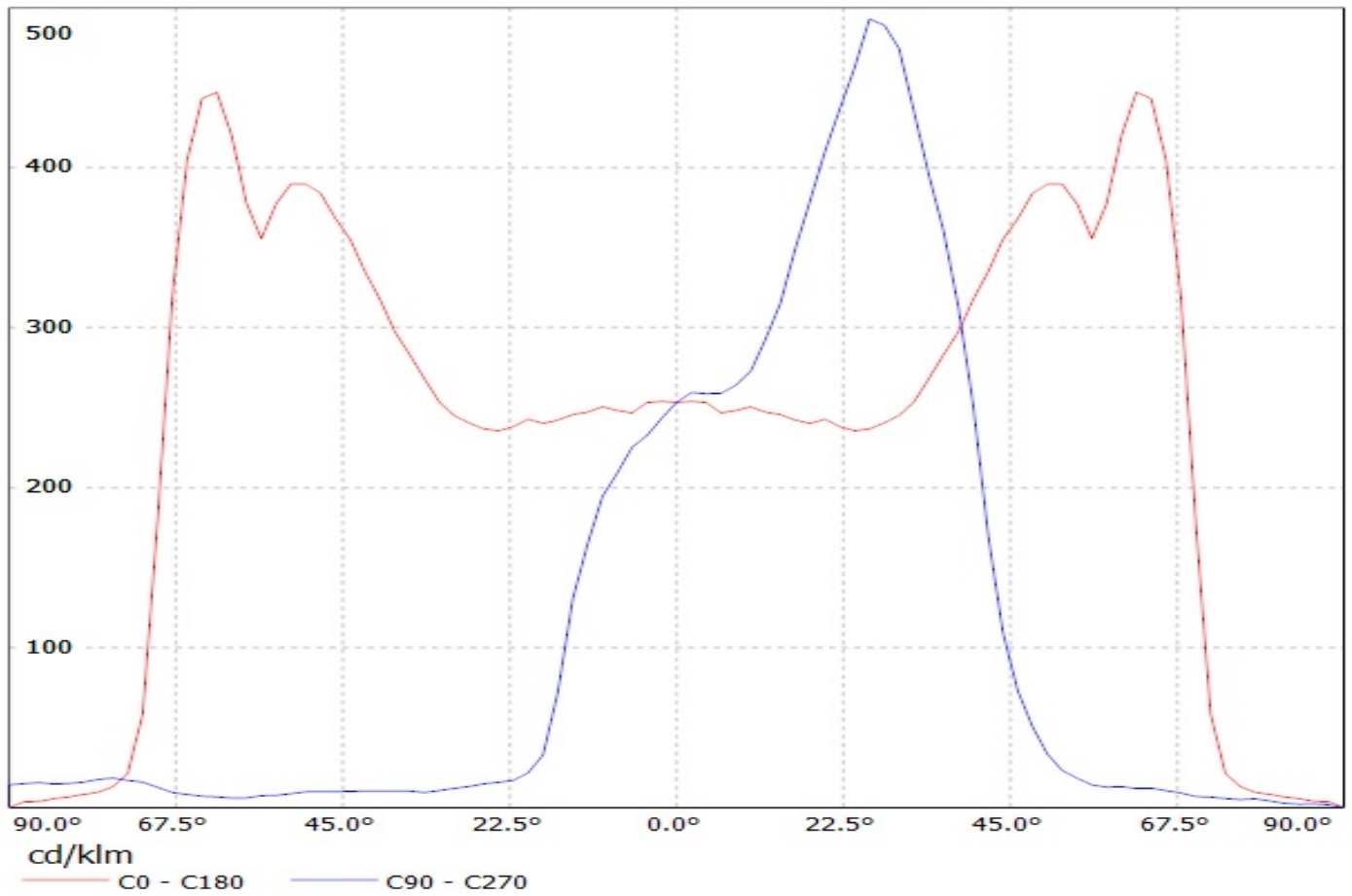
Luminaire: Ledil Oy C12360\_STRADA-2X2-DNW-RE-ES Efficiency=93%  
Lamps: 1 x Luxeon Rebel ES 250mA 366lm



Luminaire: Ledil Oy C12362\_STRADA-2X2-DWC-RE-ES Efficiency=93%  
Lamps: 1 x Luxeon Rebel ES 250mA 366lm

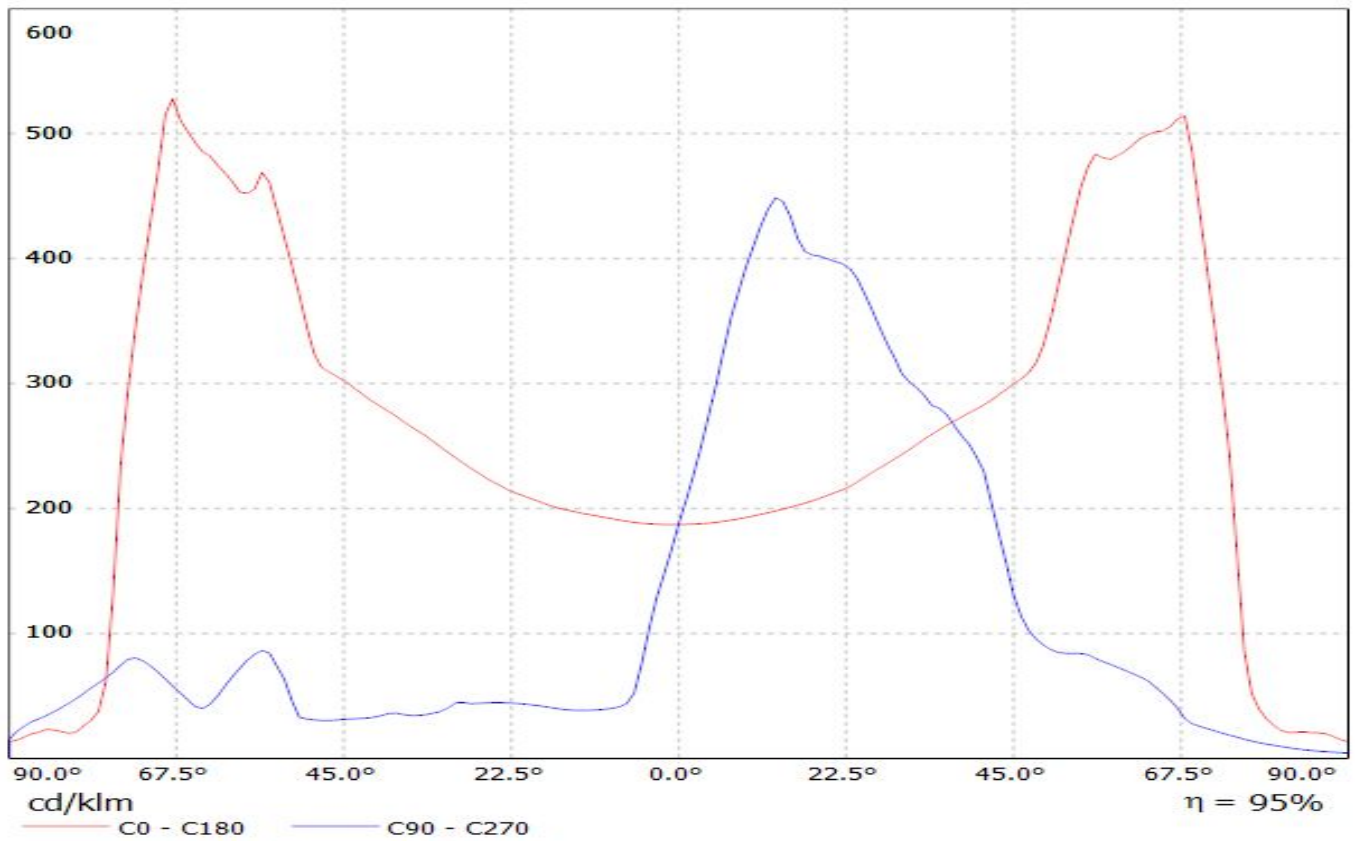


Luminaire: Ledil Oy C12419-Strada\_2x2\_A-T (RE-ES) Efficiency=93%  
Lamps: 1 x Luxeon-Rebel-ES 250mA 500lm



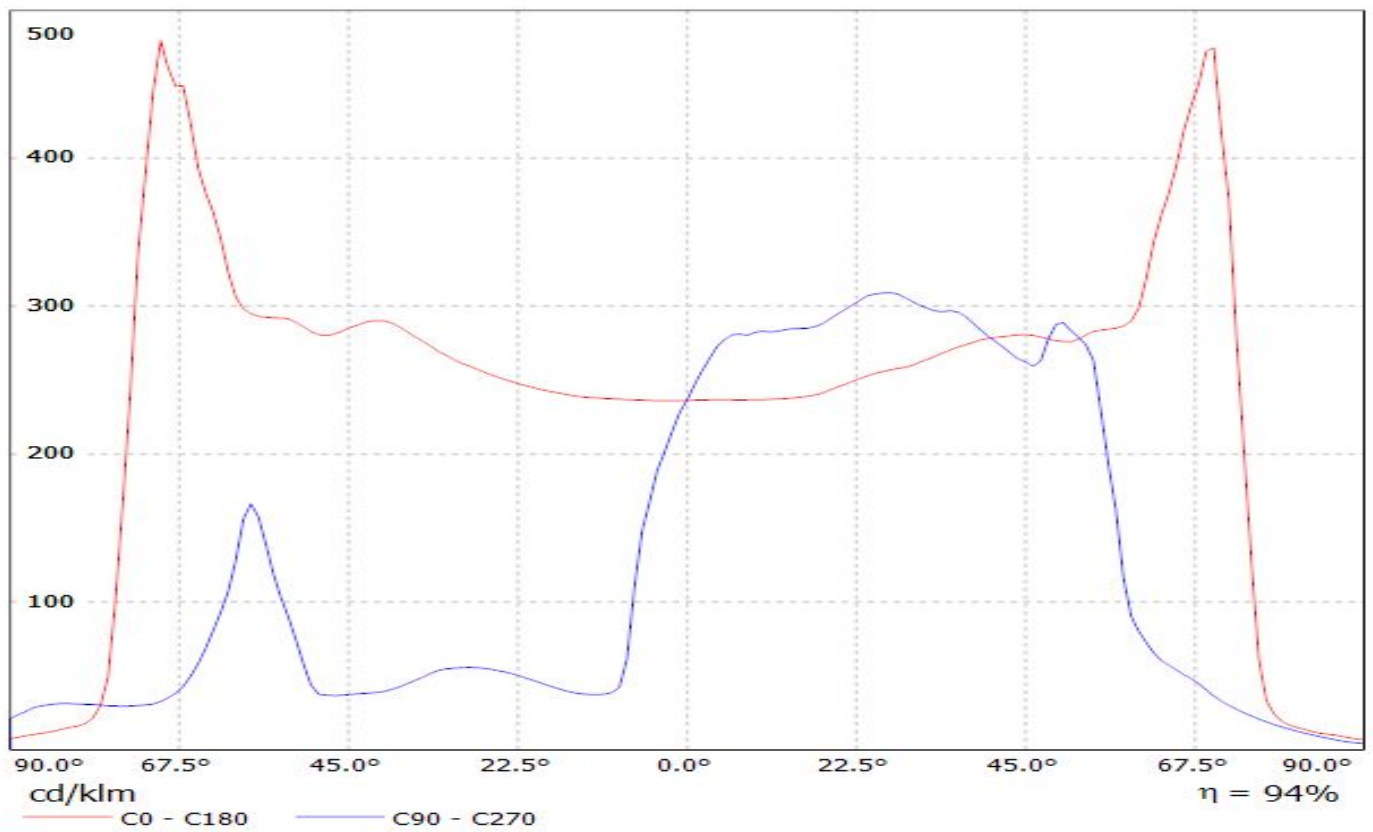
# LEDiL Oy C13300\_STRADA-2X2-T2\_(REBEL\_ES) Eff.94.5% / LDC (Linear)

Luminaire: LEDiL Oy C13300\_STRADA-2X2-T2\_(REBEL\_ES) Eff.94.5%  
Lamps: 1 x XM-L (338lm@250mA)



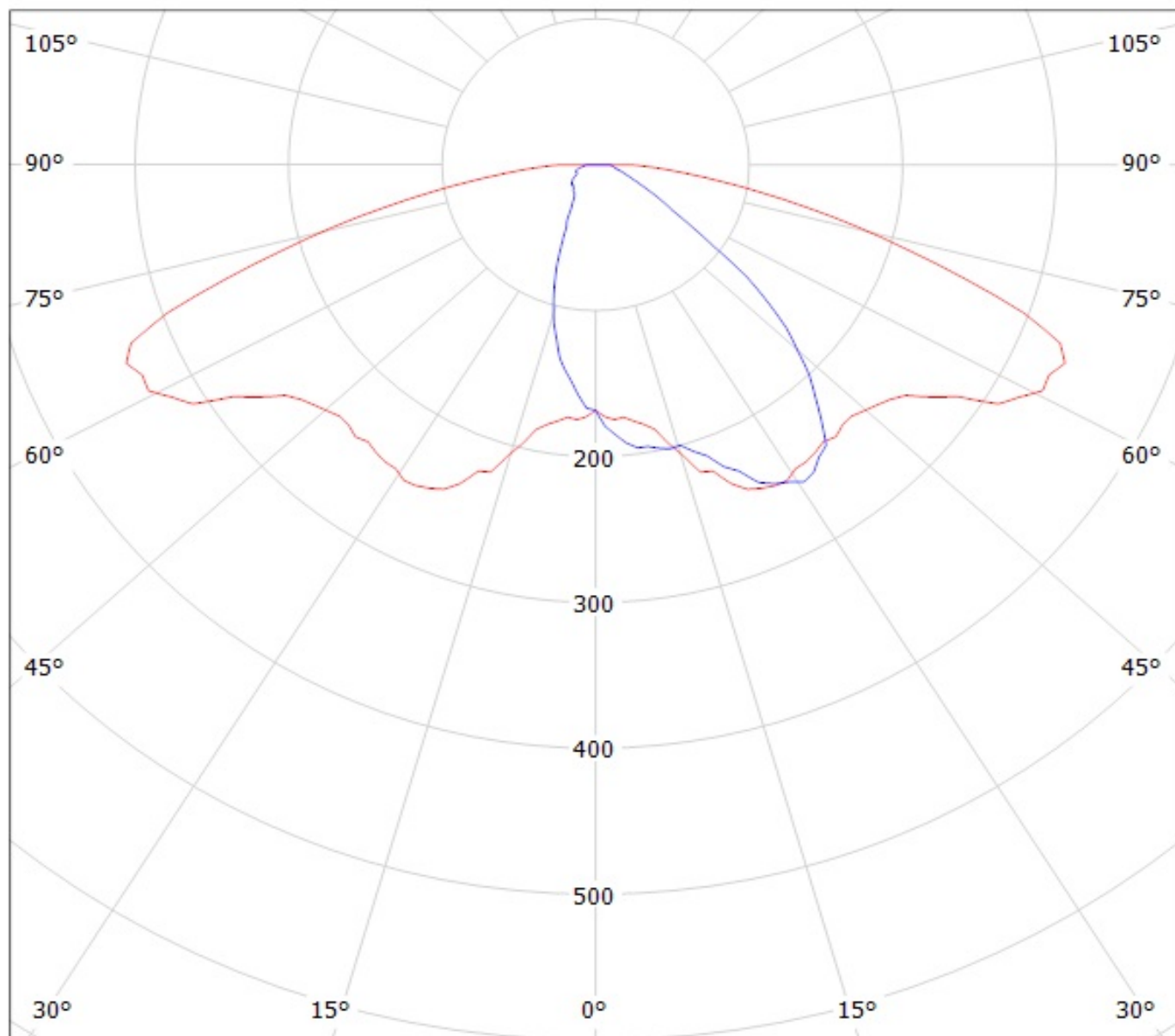
# LEDiL Oy C13301\_STRADA-2X2-T3\_(Rebel-ES) Eff.94.1% / LDC (Linear)

Luminaire: LEDiL Oy C13301\_STRADA-2X2-T3\_(Rebel-ES) Eff.94.1%  
Lamps: 1 x Rebel-ES (341lm@250mA)



Luminaire: Ledil Oy C12360\_STRADA-2X2-DNW-RE-ES Efficiency=93%

Lamps: 1 x Luxeon Rebel ES 250mA 366lm

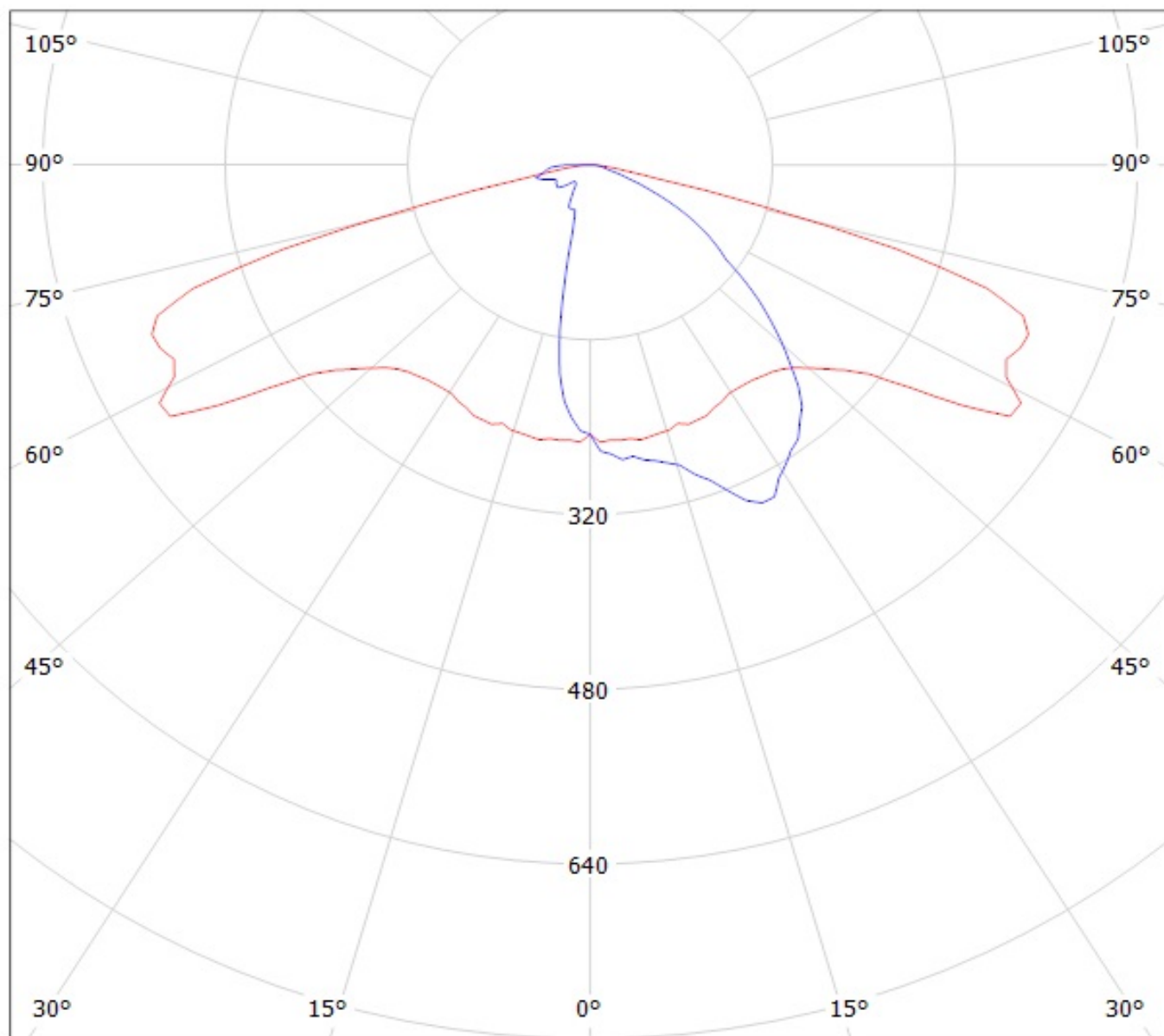


cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy C12362\_STRADA-2X2-DWC-RE-ES Efficiency=93%

Lamps: 1 x Luxeon Rebel ES 250mA 366lm

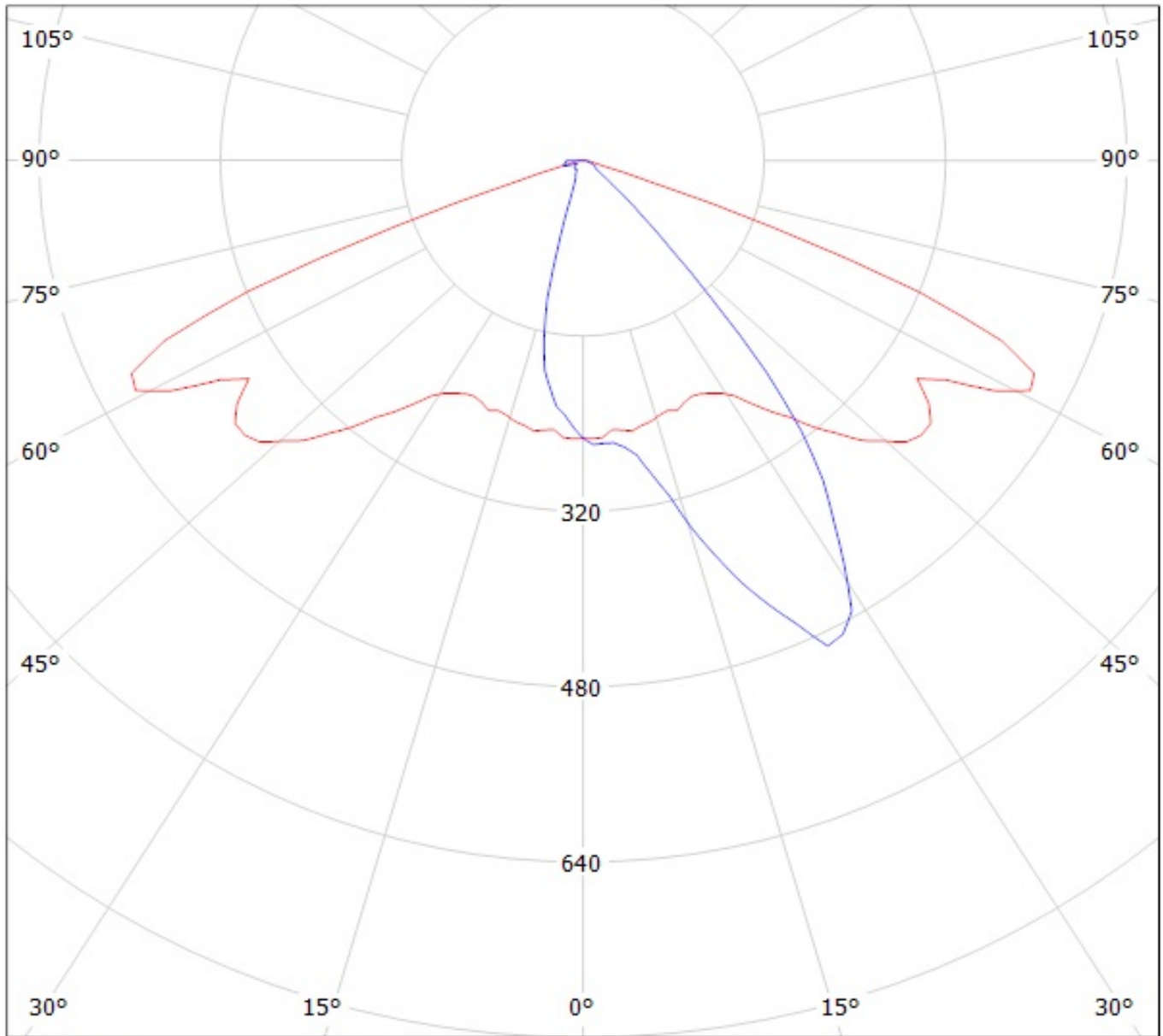


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C12419-Strada\_2x2\_A-T (RE-ES) Efficiency=93%  
Lamps: 1 x Luxeon-Rebel-ES 250mA 500lm



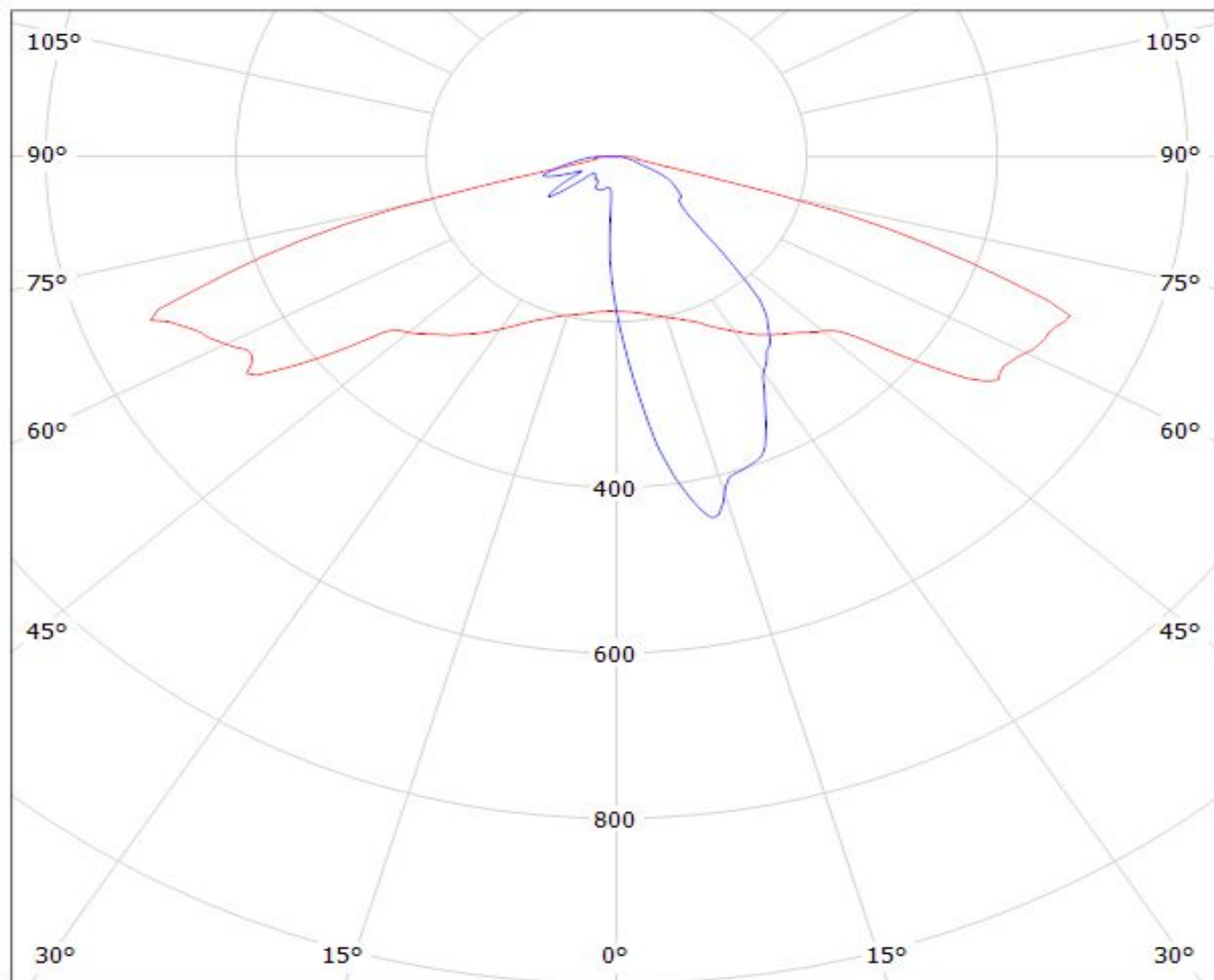
cd/klm

— C0 - C180    — C90 - C270

# LEDiL Oy C13300\_STRADA-2X2-T2\_(REBEL\_ES) Eff.94.5% / LDC (Polar)

Luminaire: LEDiL Oy C13300\_STRADA-2X2-T2\_(REBEL\_ES) Eff.94.5%

Lamps: 1 x XM-L (338lm@250mA)



cd/klm

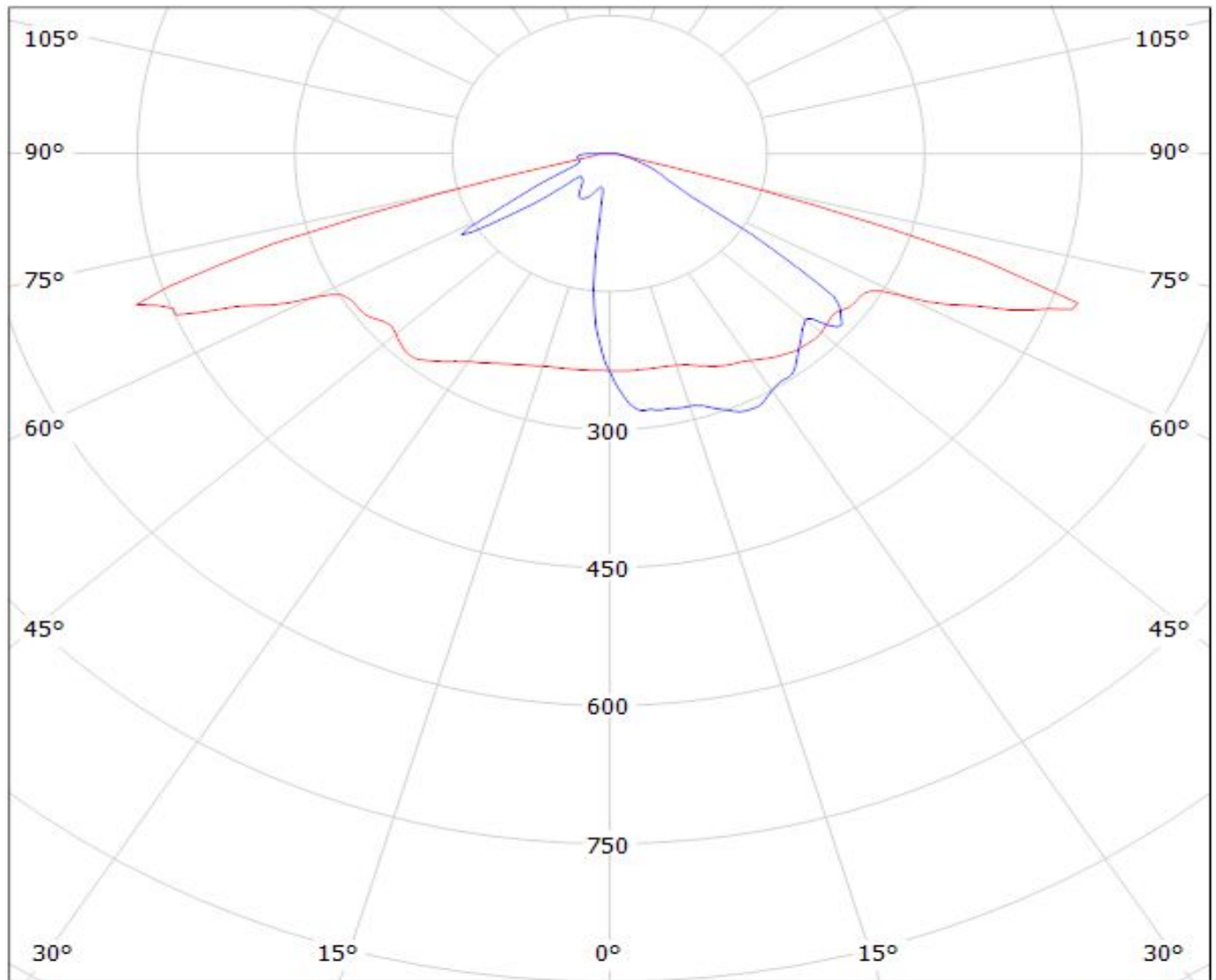
η = 95%

— C0 - C180    — C90 - C270

# LEDiL Oy C13301\_STRADA-2X2-T3\_(Rebel-ES) Eff.94.1% / LDC (Polar)

Luminaire: LEDiL Oy C13301\_STRADA-2X2-T3\_(Rebel-ES) Eff.94.1%

Lamps: 1 x Rebel-ES (341lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$