

## DETAILS

<b>Product Number</b>	C13687_STRADA-SQ-T3
<b>Family</b>	Strada-SQ
<b>Type</b>	Lens
<b>Color</b>	clear
<b>Diameter</b>	25 x 25 mm
<b>Height</b>	8,2 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	screw, pin, glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	17/01/2014



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
LUXEON M	Asymmetric deg	Asymmetric	94 %	0.500	-
MK-R	Asymmetric deg	Asymmetric	94 %	0.480	-
LUXEON MZ	asymmetric deg	Asymmetric	91 %	0.840	-
XHP50	Asymmetric deg	Asymmetric	94 %	0.690	-
Duris S8	sim: Asymmetric	Asymmetric	sim: 91 %	sim: 0.000	-
Duris P10	sim: Asym	Asymmetric	sim: 90 %	sim: 0.565	-

4

3

2

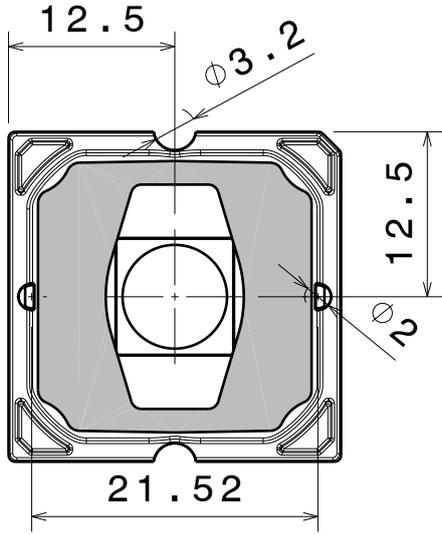
1

D

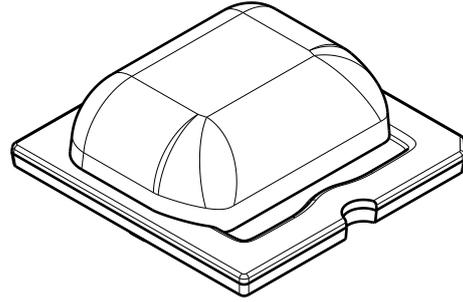
C

B

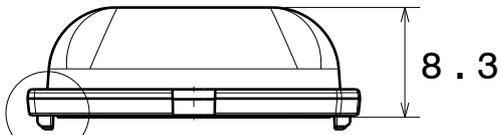
A



c / c Bottom view

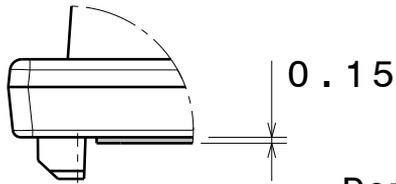


Isometric view

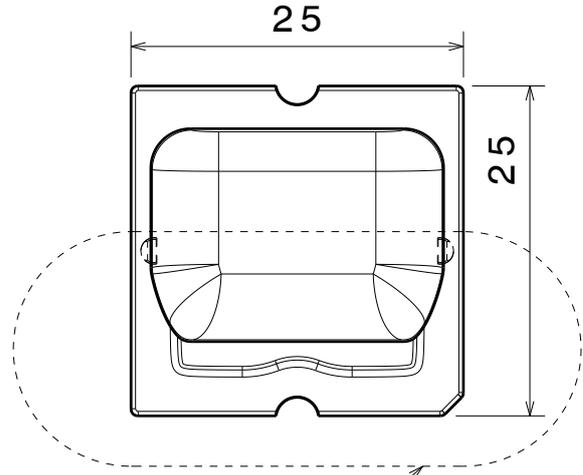


Front view

B

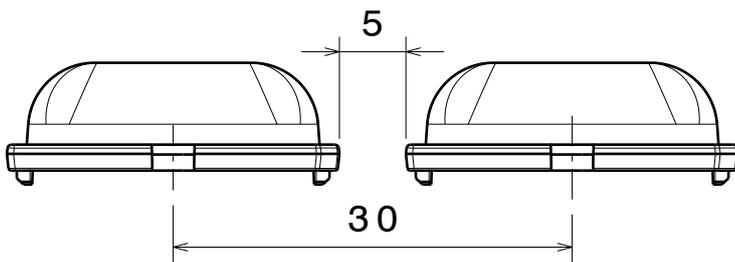


Detail B



Beam direction

Top view



Minimum spacing

c / c

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  
**STRADA-SQ-T3 Datasheet**

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SIZE PART NUMBER  
**A4** -

SCALE 7:4 WEIGHT SHEET 1/1

D

A

4

3

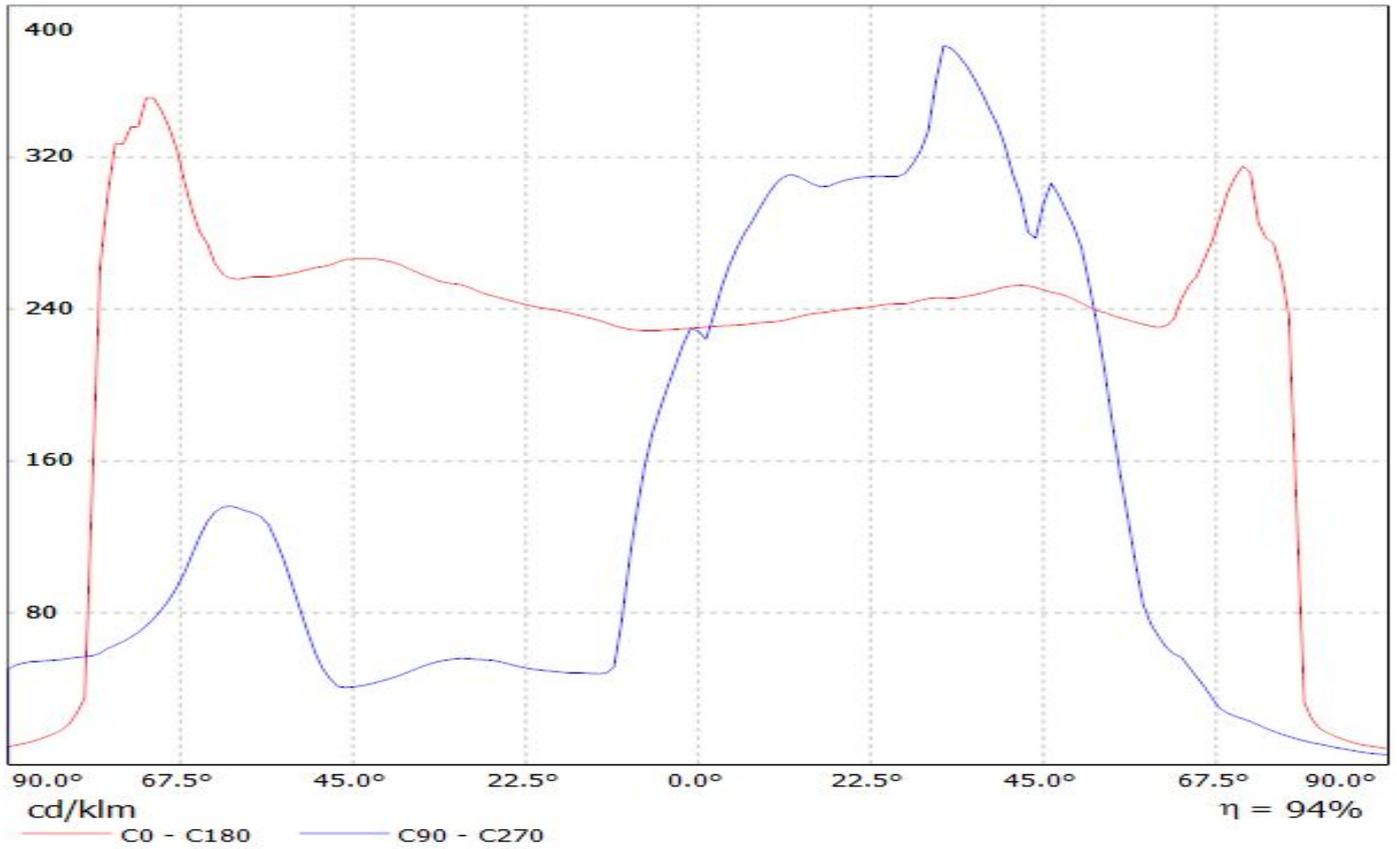
2

1

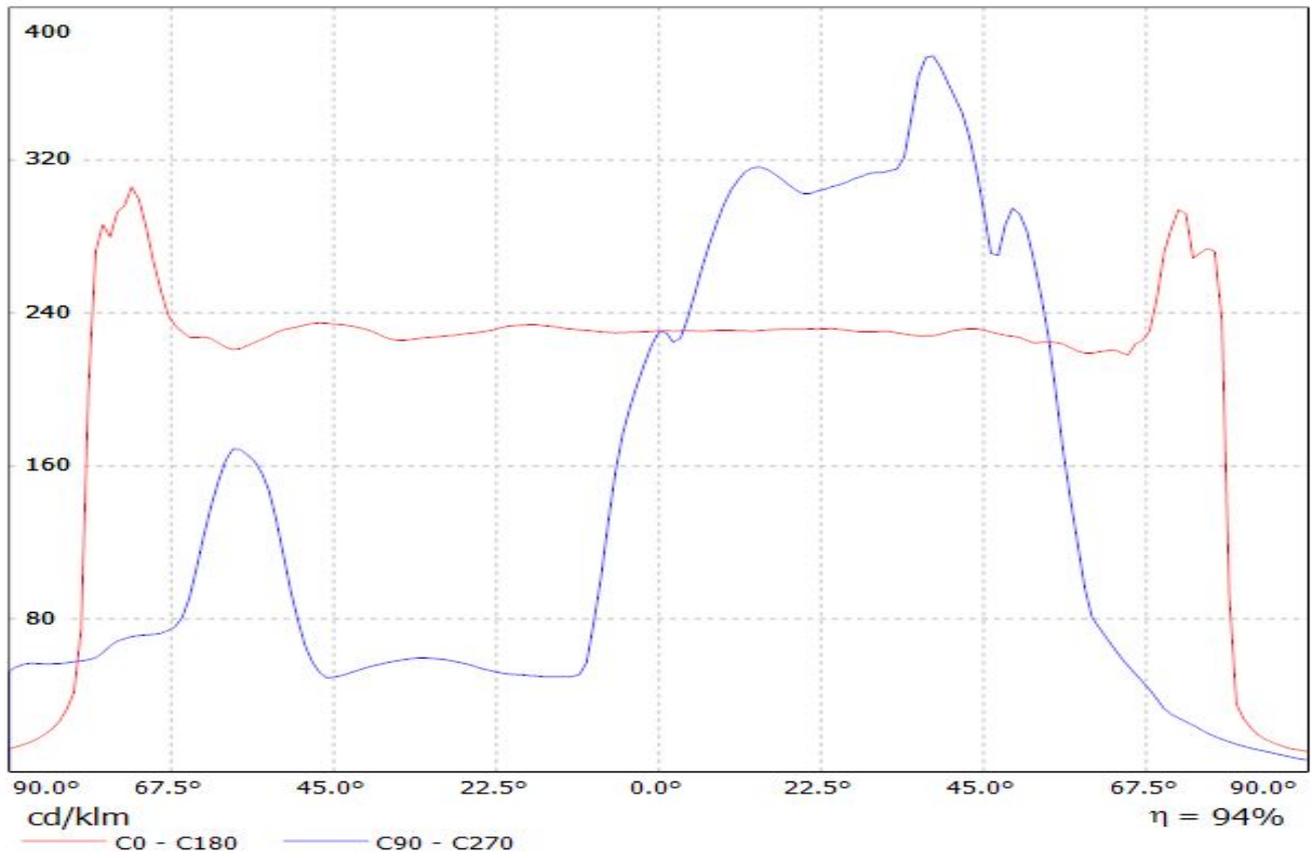
**LEDiL Oy C13687\_STRADA-SQ-T3\_(LUXEON\_M) Eff.93.9% / LDC (Linear)**

Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3\_(LUXEON\_M) Eff.93.9%

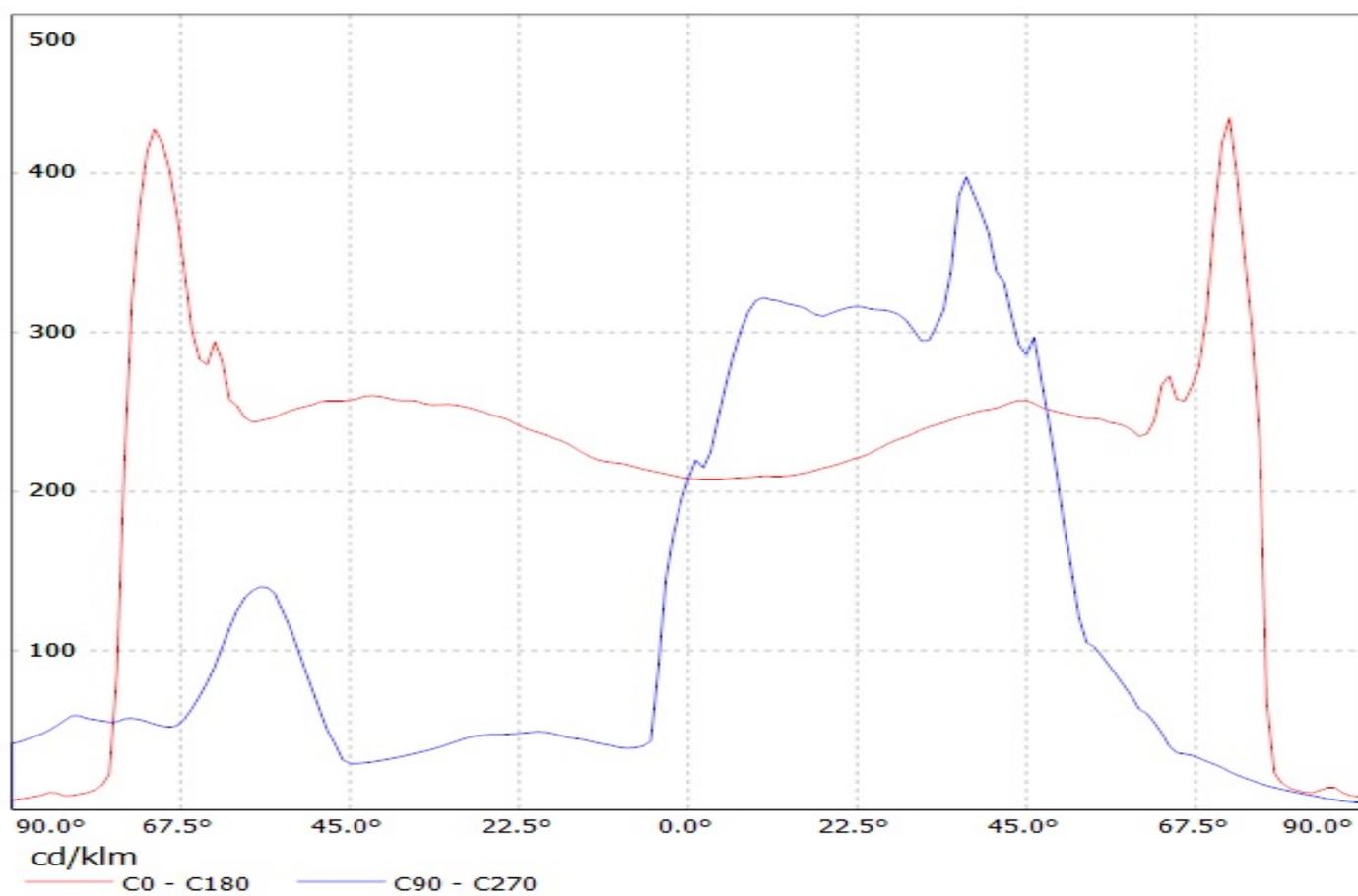
Lamps: 1 x LUXEON\_M\_348.959lm@250mA\_CCT=4092K\_P=2.72732W\_I=249.8mA



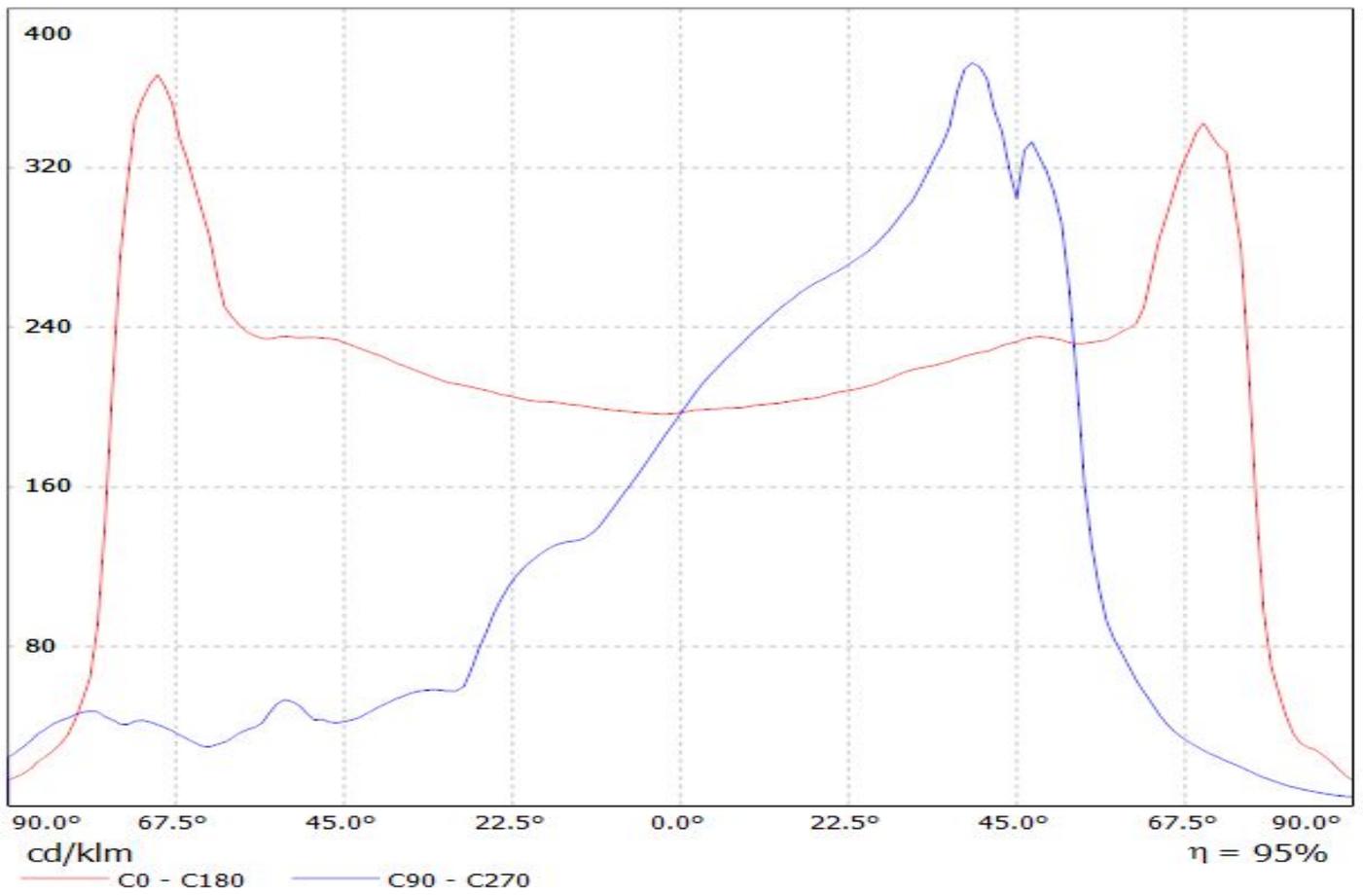
Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3\_(MK-R) Eff. 94 %  
Lamps: 1 x Cree MK-R 360lm@250mA



Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3 (Luxeon\_MZ) Eff: 91%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA



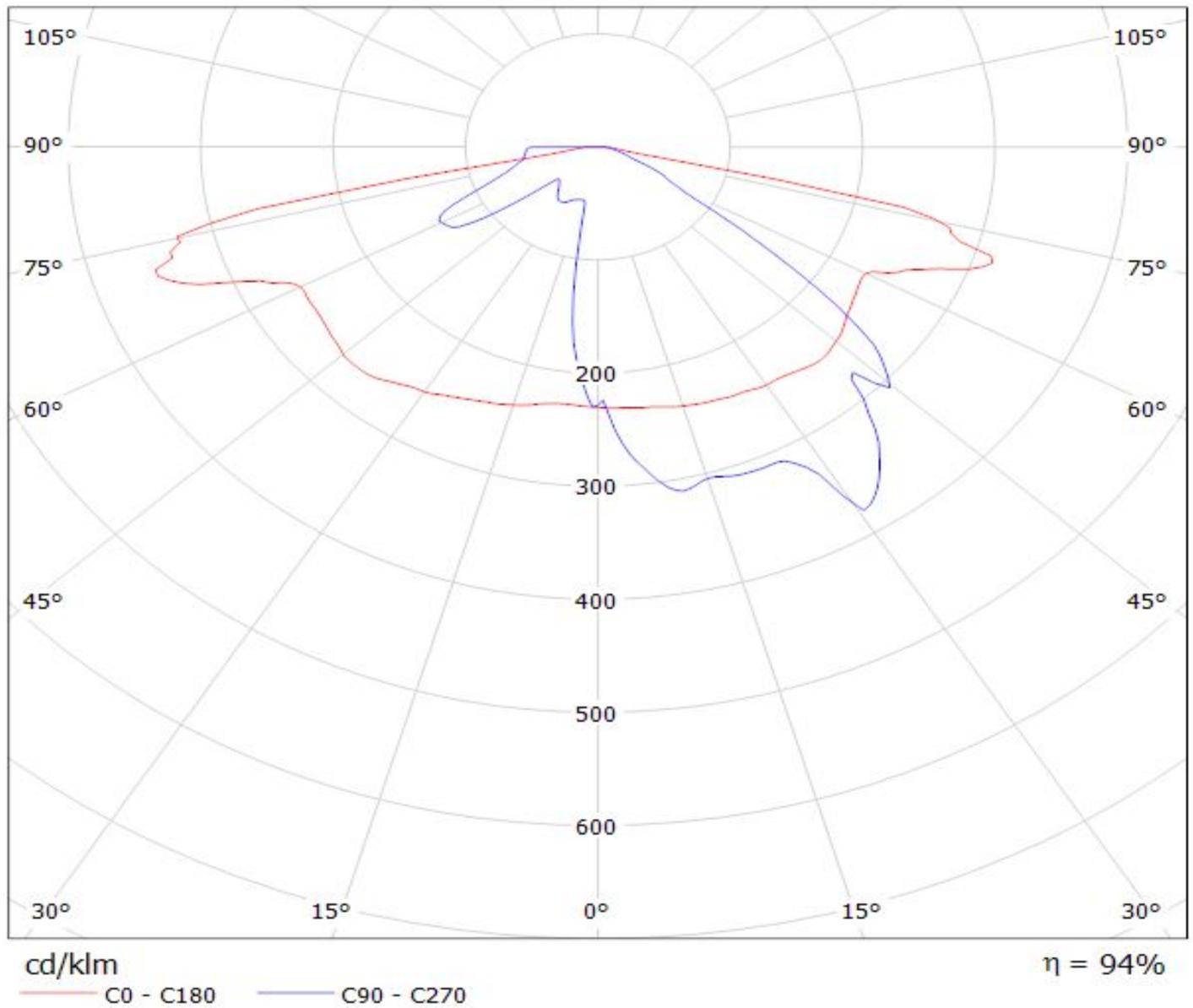
Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3\_(Cree\_XHP50\_Cool\_White)  
Lamps: 1 x Cree\_XHP50\_Cool\_White\_244.145lm@250mA\_P=1.42855W\_l=0.2499A



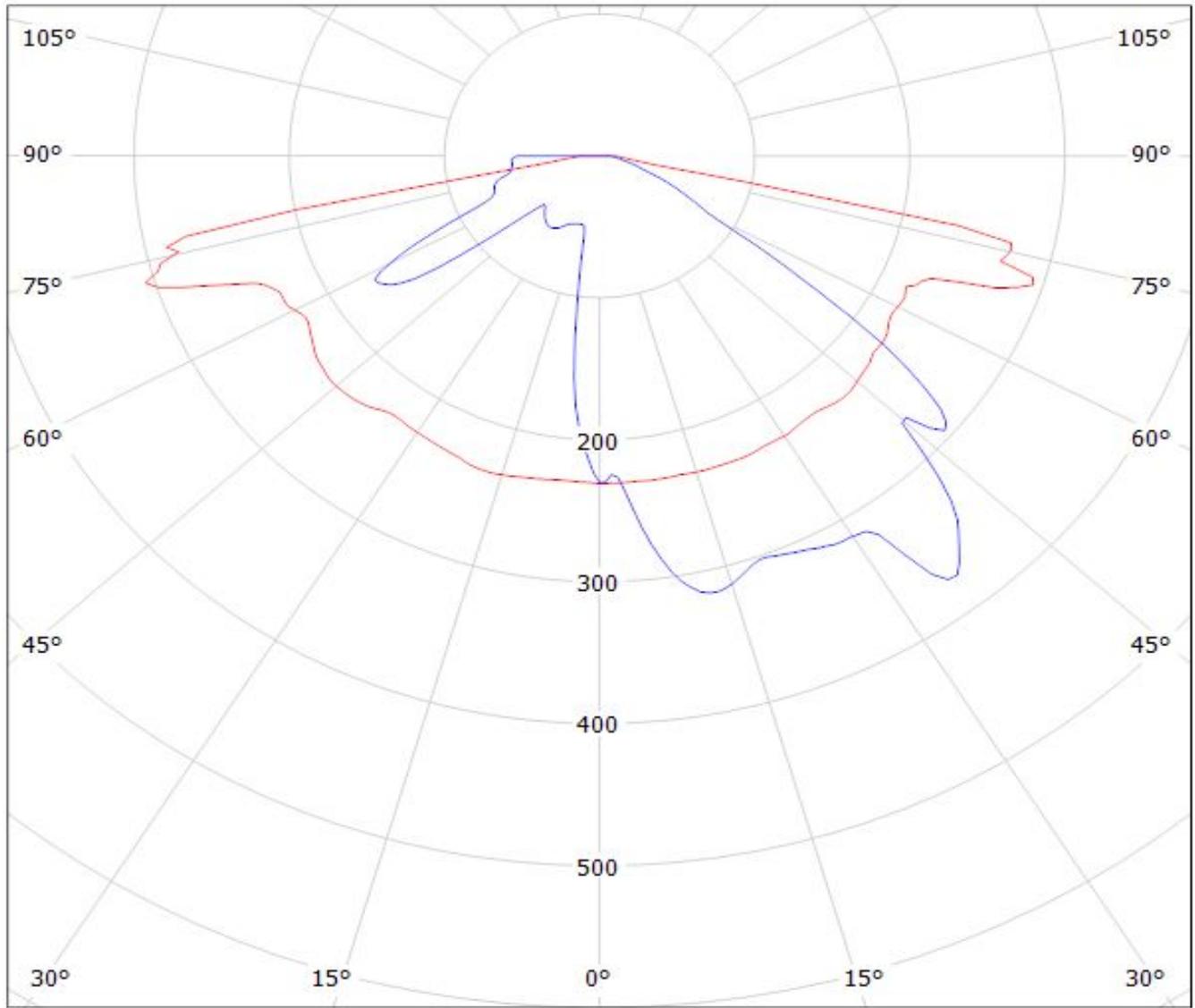
# LEDiL Oy C13687\_STRADA-SQ-T3\_(LUXEON\_M) Eff.93.9% / LDC (Polar)

Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3\_(LUXEON\_M) Eff.93.9%

Lamps: 1 x LUXEON\_M\_348.959lm@250mA\_CCT=4092K\_P=2.72732W\_I=249.8mA



Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3\_(MK-R) Eff. 94 %  
Lamps: 1 x Cree MK-R 360lm@250mA



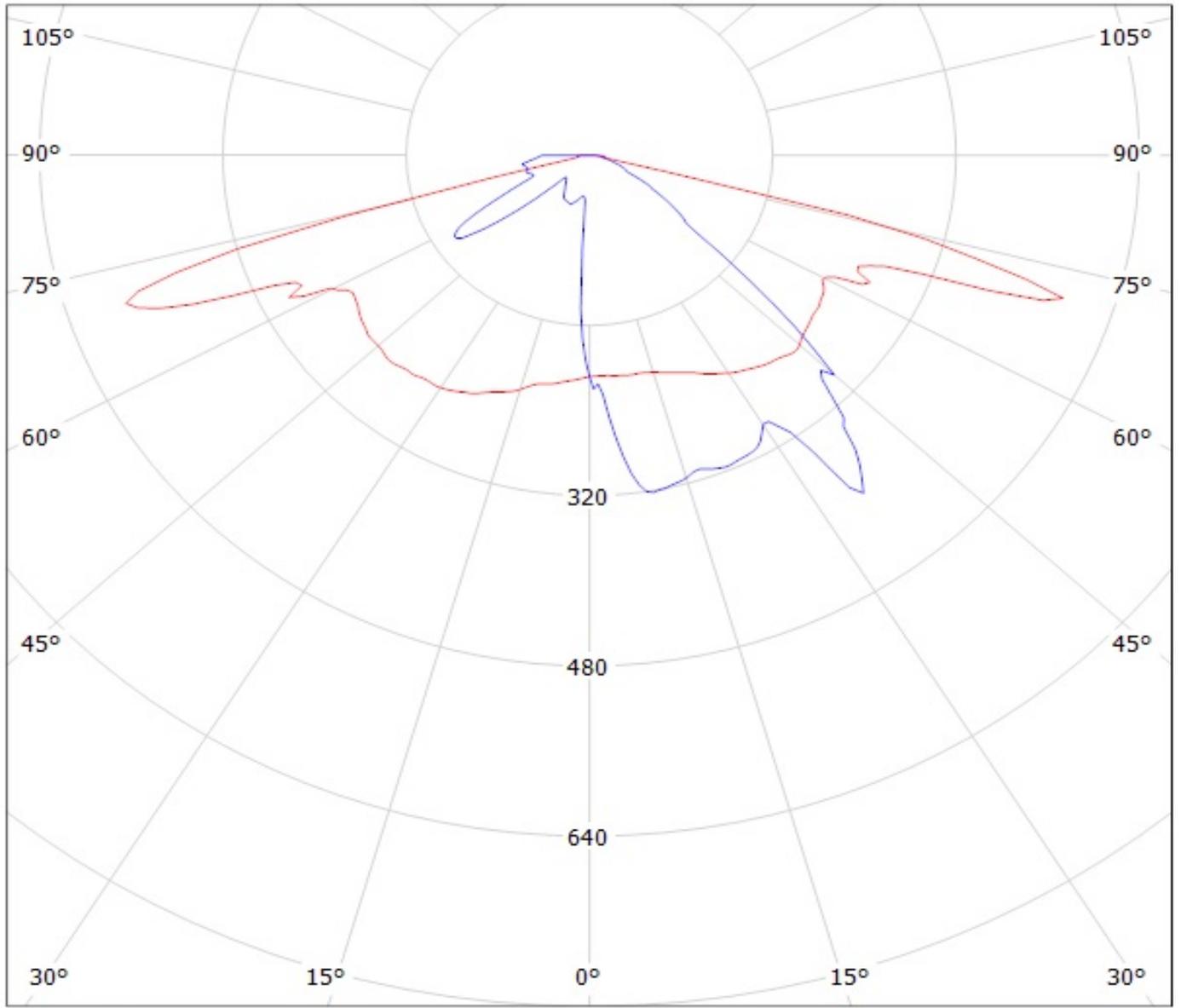
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

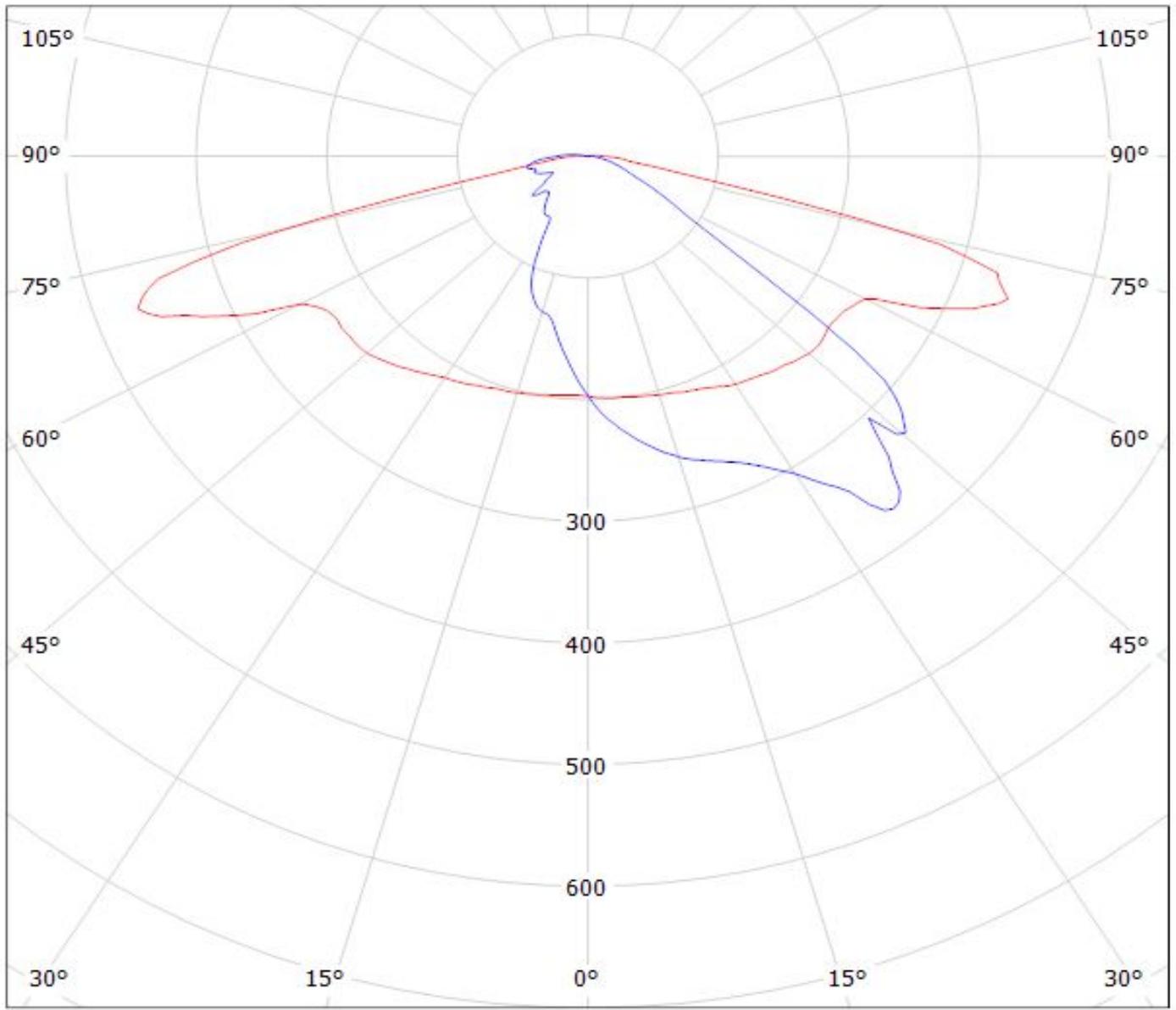
Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3\_(Luxeon\_MZ) Eff: 91%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA



cd/klm

— C0 - C180    — C90 - C270

Luminaire: LEDiL Oy C13687\_STRADA-SQ-T3\_(Cree\_XHP50\_Cool\_White)  
Lamps: 1 x Cree\_XHP50\_Cool\_White\_244.145lm@250mA\_P=1.42855W\_I=0.2499A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 95\%$

**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.**