

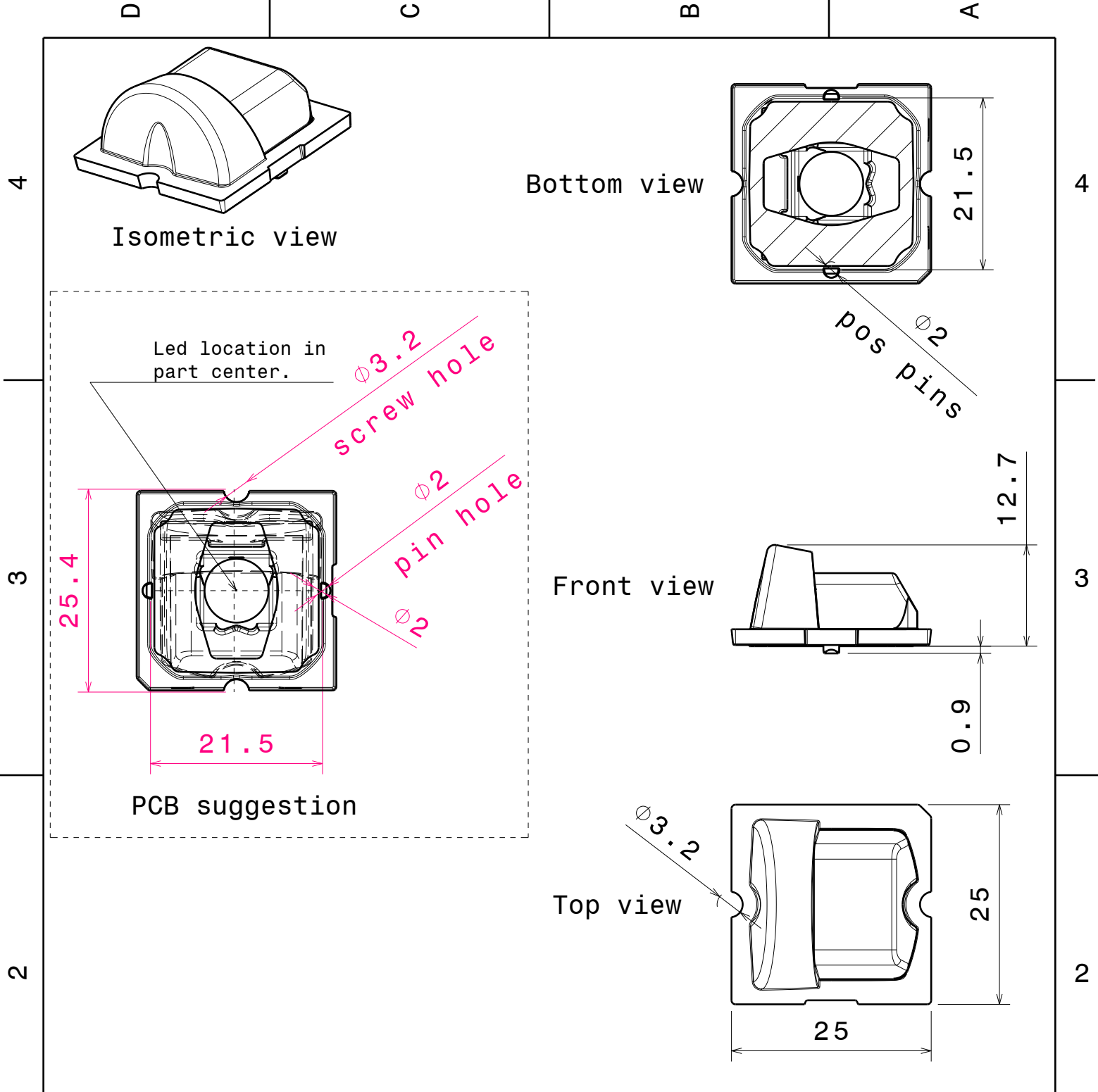
## DETAILS

<b>Product Number</b>	CA13752_STRADA-SQ-FT
<b>Family</b>	Strada
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	25 + 25 mm
<b>Height</b>	12,7 mm
<b>Style</b>	square
<b>Optic Material</b>	
<b>Holder Material</b>	
<b>Fastening</b>	pin, screw, tape
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	22/09/2014



## OPTICAL PROPERTIES

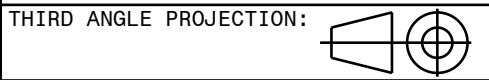
LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
MK-R	Asymmetric deg	Asymmetric	89 %	0.600	-
MX-3	sim: Asymmetric	Asymmetric	sim: 90 %	-	-
MX-6	sim: Asymmetric	Asymmetric	sim: 90 %	-	-
XM-L	Asymmetric deg	Asymmetric	90 %	0.700	-
XP-L	Asymmetric deg	Asymmetric	91 %	0.700	-
XM-L2	sim: Asymmetric	Asymmetric	sim: 90 %	-	-
XHP50	Asymmetric deg	Asymmetric	90 %	0.610	-
XP-G2	sim: Asymmetric	Asymmetric	sim: 89 %	-	-
XP-L2	Asymmetric deg	Asymmetric	90 %	0.660	-
LUXEON M/MX	Asymmetric deg	Asymmetric	88 %	0.620	-
LUXEON MZ	asymmetric deg	Asymmetric	90 %	0.710	-
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Asymmetric	92 %	0.650	-
Duris S10	Asymmetric deg	Asymmetric	89 %	0.610	-
Duris P10	sim: Asymmetric	Asymmetric	sim: 89 %	sim: 0.790	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	CA13752	STRADA-SQ-FT	PMMA / PU double sided tape	

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



DRAWING TITLE  
**CA13752\_STRADA-SQ-FT**

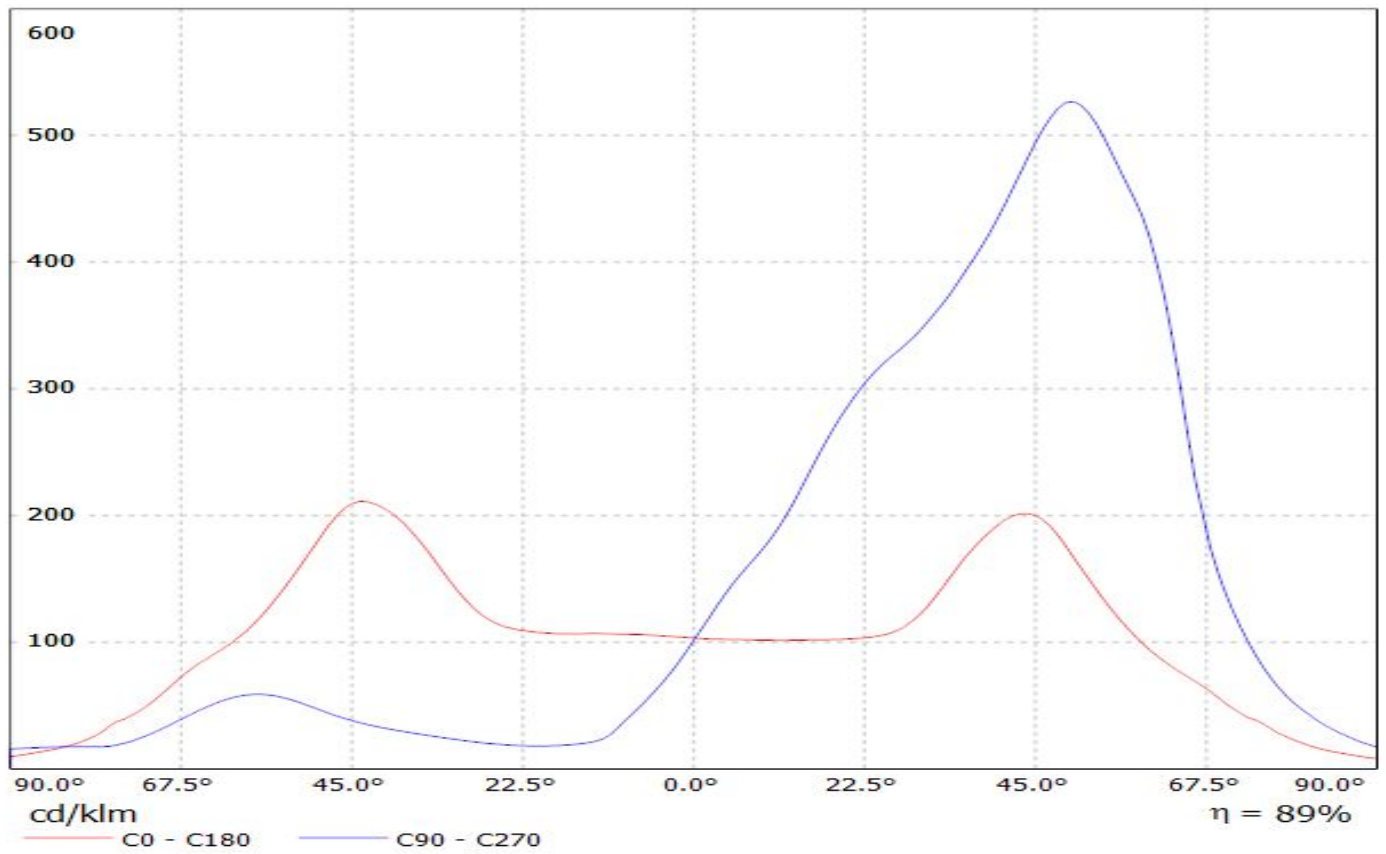
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	CA13752

SCALE	1:1	WEIGHT	- g	SHEET	1/1
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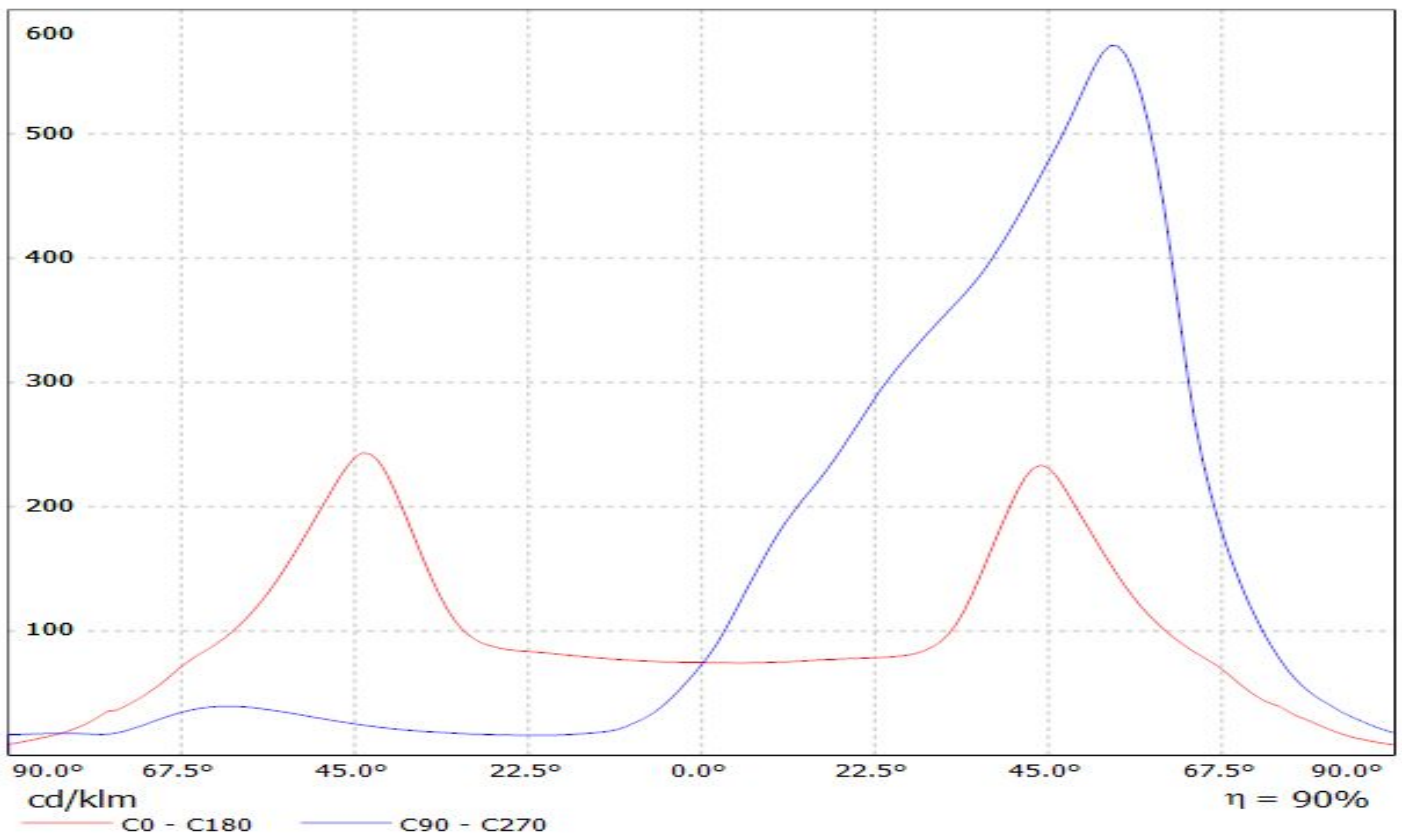
# LEDiL Oy CA13752\_STRADA-SQ-FT\_(MK-R) Eff.89.4% / LDC (Linear)

Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(MK-R) Eff.89.4%  
Lamps: 1 x CREE\_MK-R\_358.348lm@250mA\_P=2.84311W\_I=249.9mA

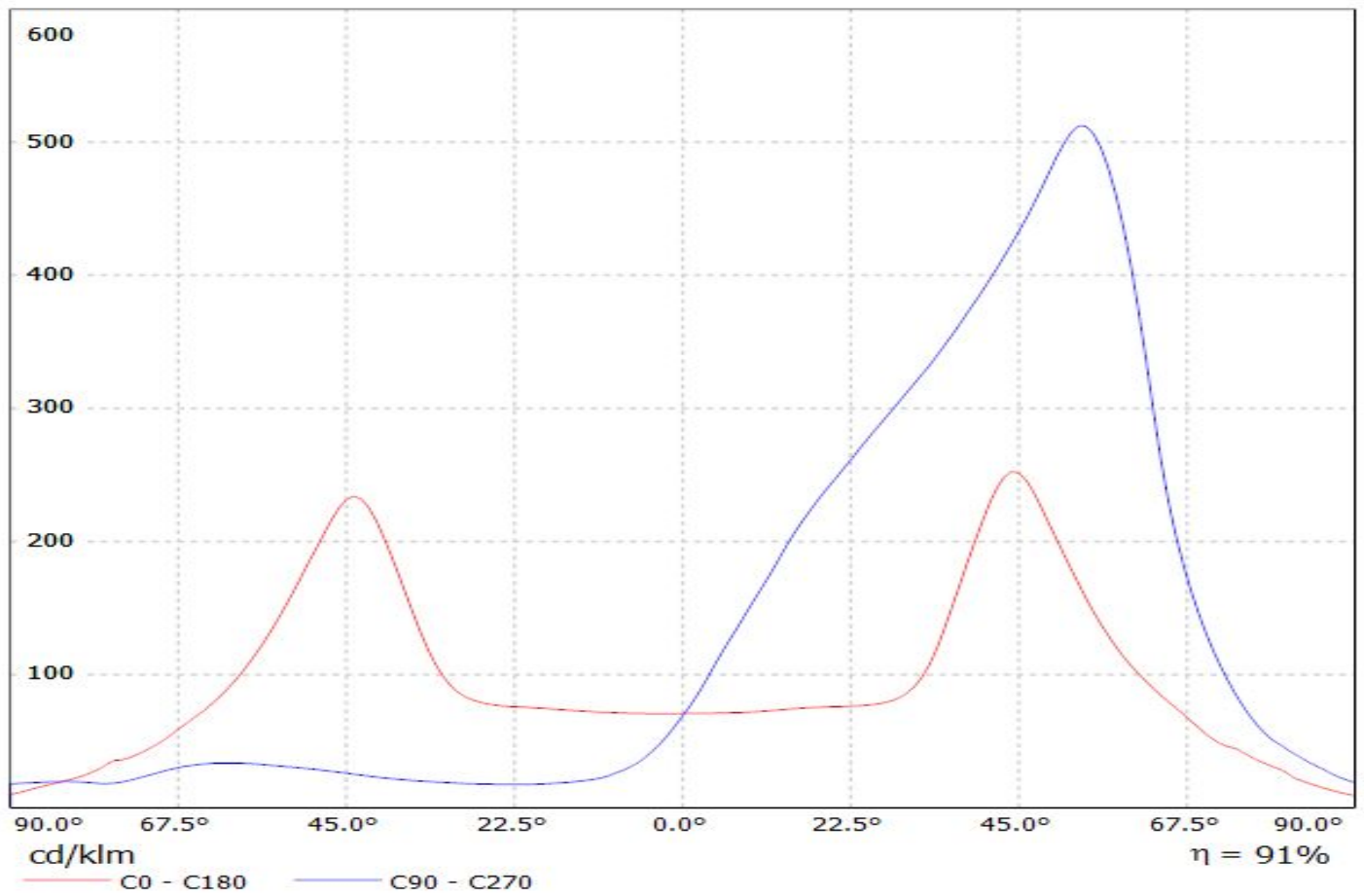


# LEDiL Oy CA13752\_STRADA-SQ-FT\_(XM-L) Eff.90.1% / LDC (Linear)

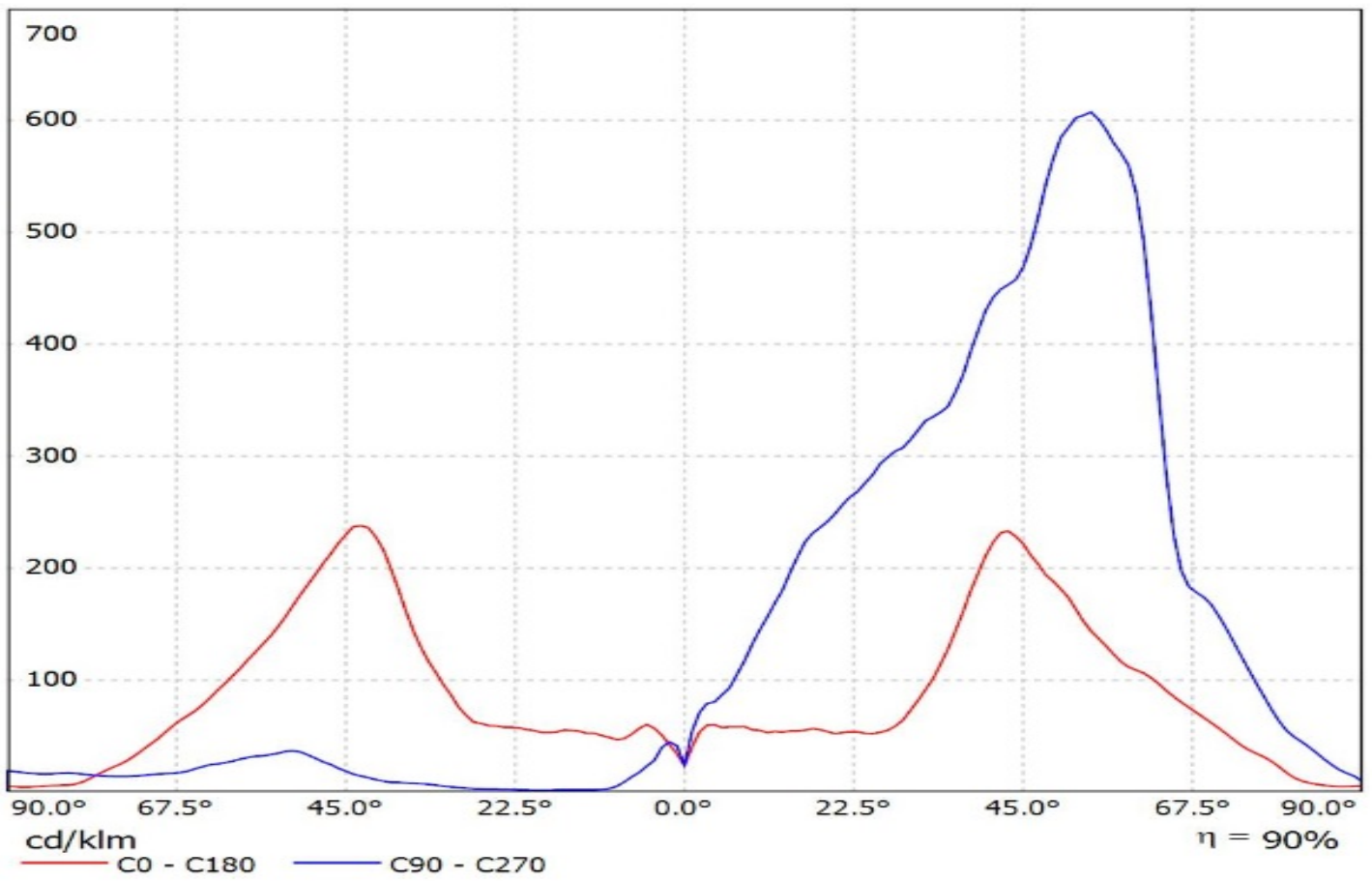
Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(XM-L) Eff.90.1%  
Lamps: 1 x CREE\_XM-L\_(XMLAWT-00-0000-0000T6051)  
\_100.386lm@259mA\_P=0.724735W\_I=249.9mA



Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(XP-L)  
Lamps: 1 x Cree\_XP-L\_125.481lm@250mA\_P=0.737584W\_I=249.9mA



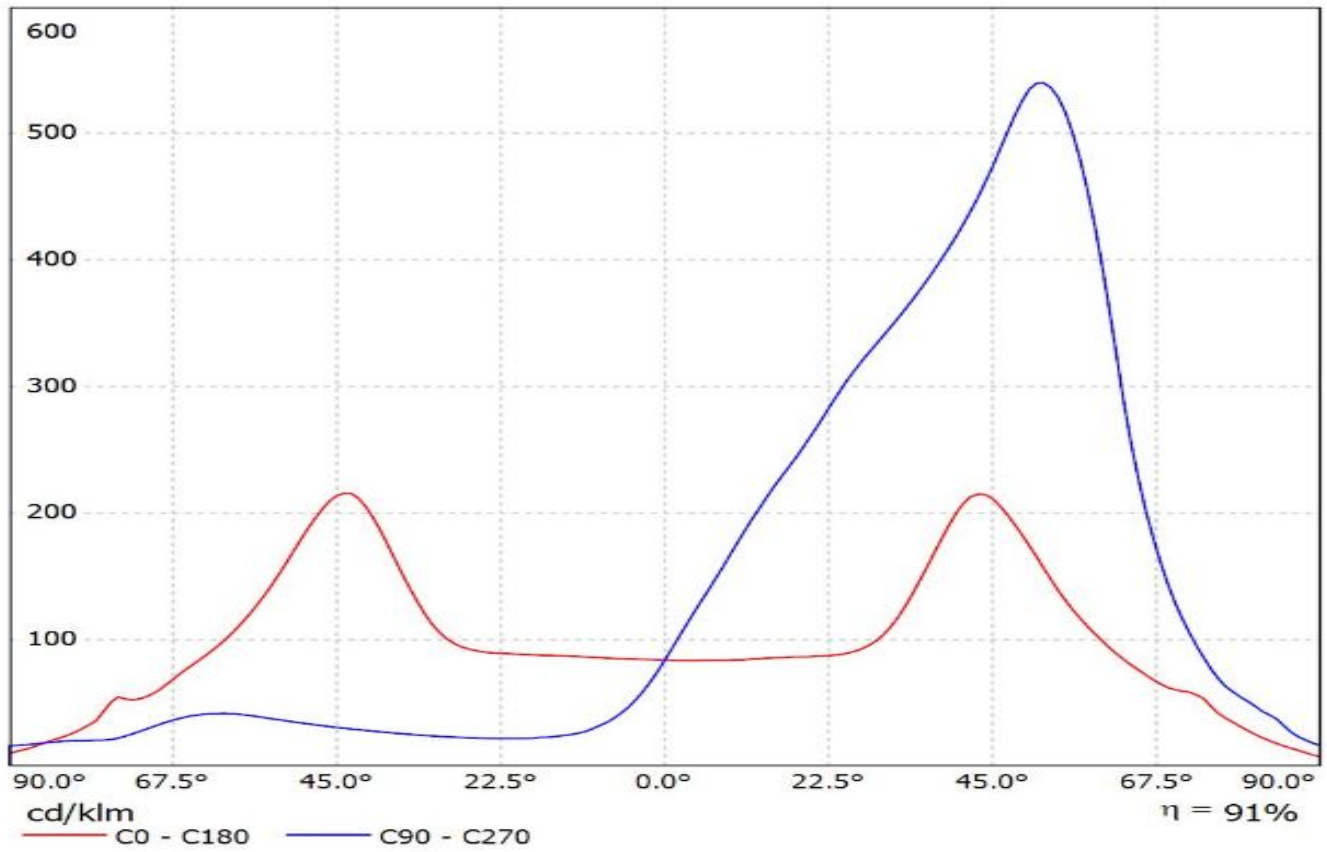
Luminaire: Ledil Oy CA13752\_STRADA-SQ-FT\_SIMULATED  
Lamps: 1 x CREE\_XM-L2





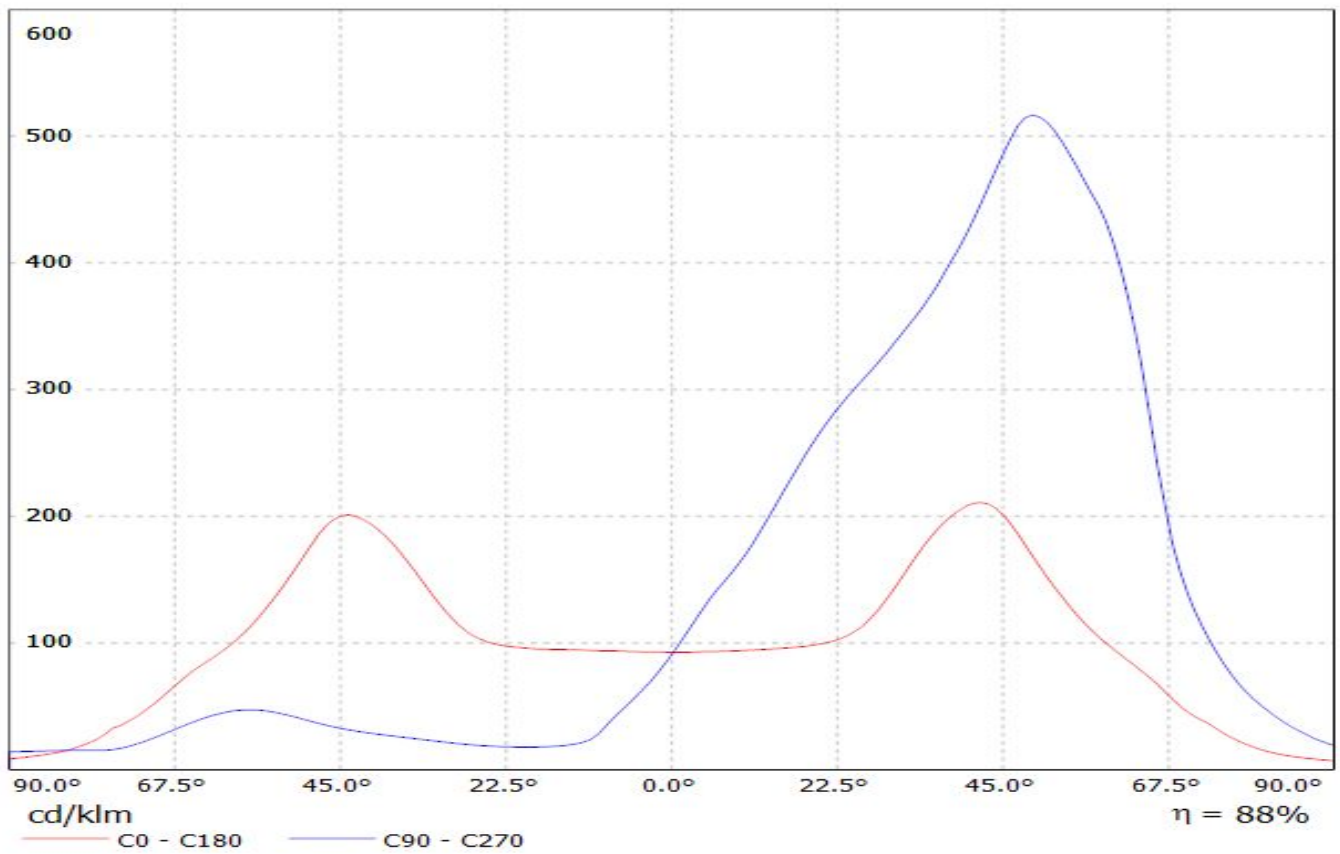
Luminaire: Ledil CA13752\_STRADA-SQ-FT\_(XP-L2)

Lamps: 1 x Cree\_XP-L2\_(XPLWT-00-0000-000HU630G)\_115.75lm@250mA\_P=0.721375W\_I=0.25A

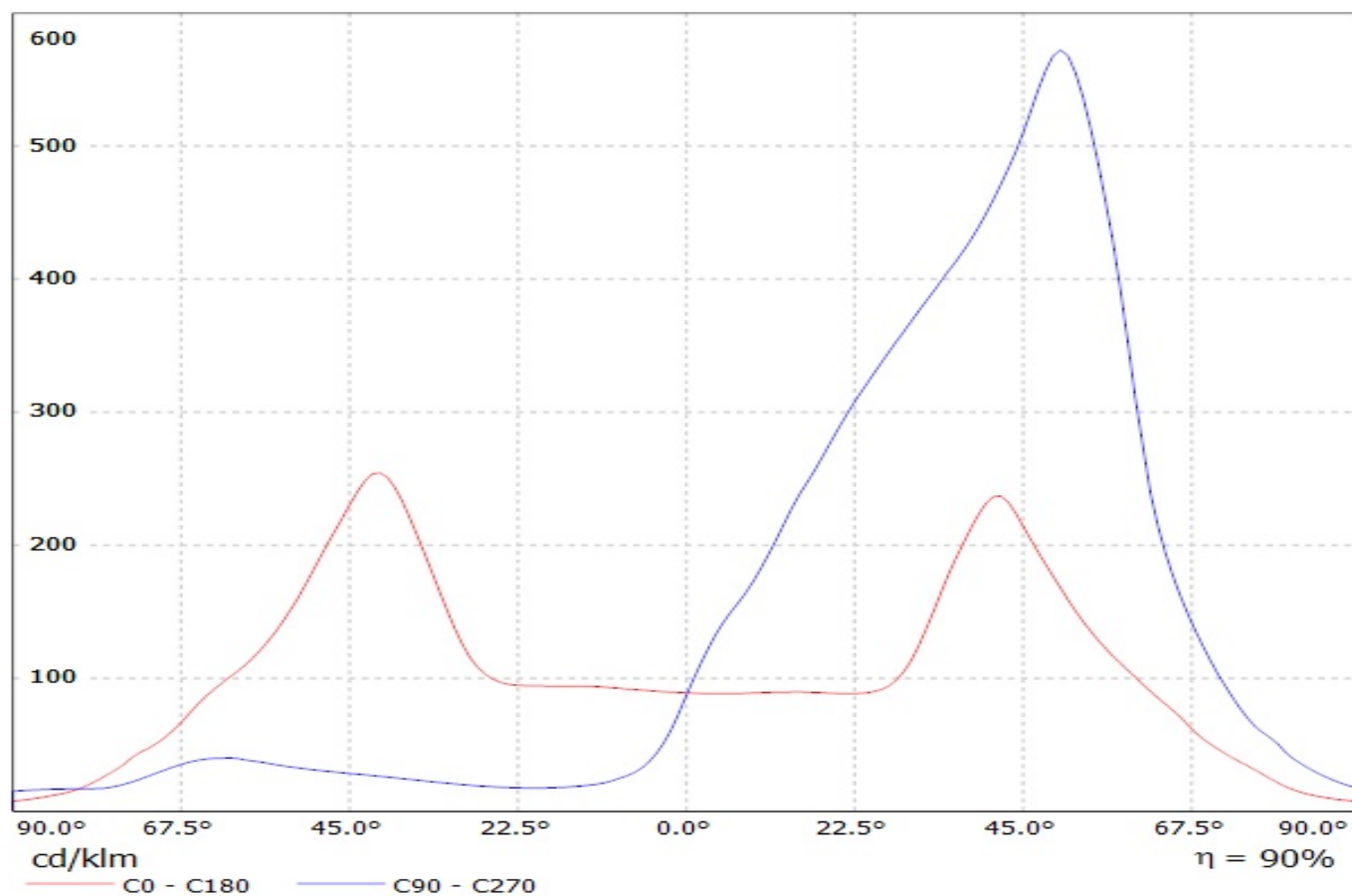




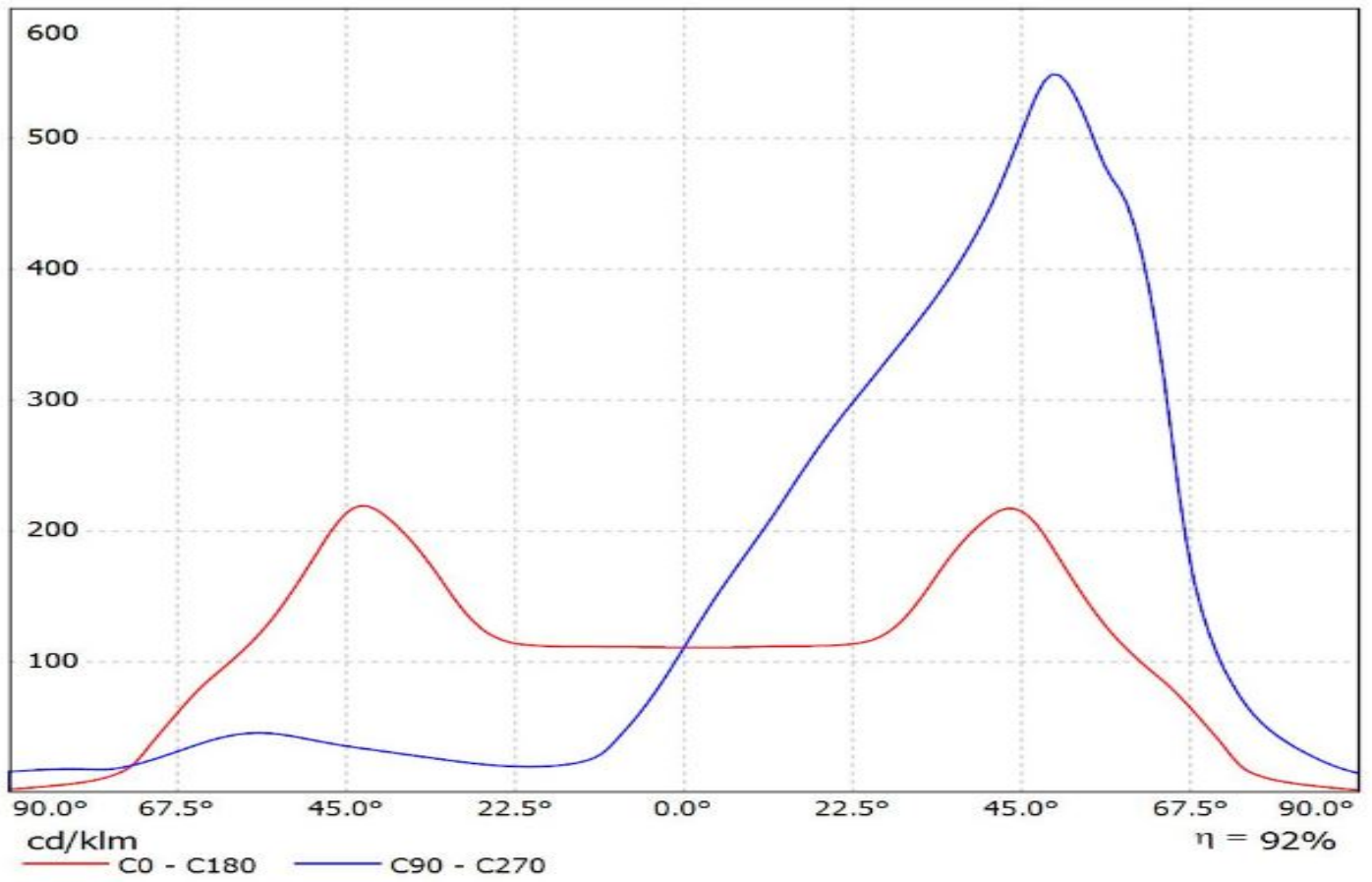
Luminaire: LEDiL Oy CA13750\_STRADA-SQ-FT\_(LUXEON\_M) Eff.88.1%  
Lamps: 1 x LUXEON\_M\_349.974lm@250mA\_CCT=4092K\_P=2.72832W\_I=249.8mA



Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(Luxeon\_MZ) Eff: 90%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA

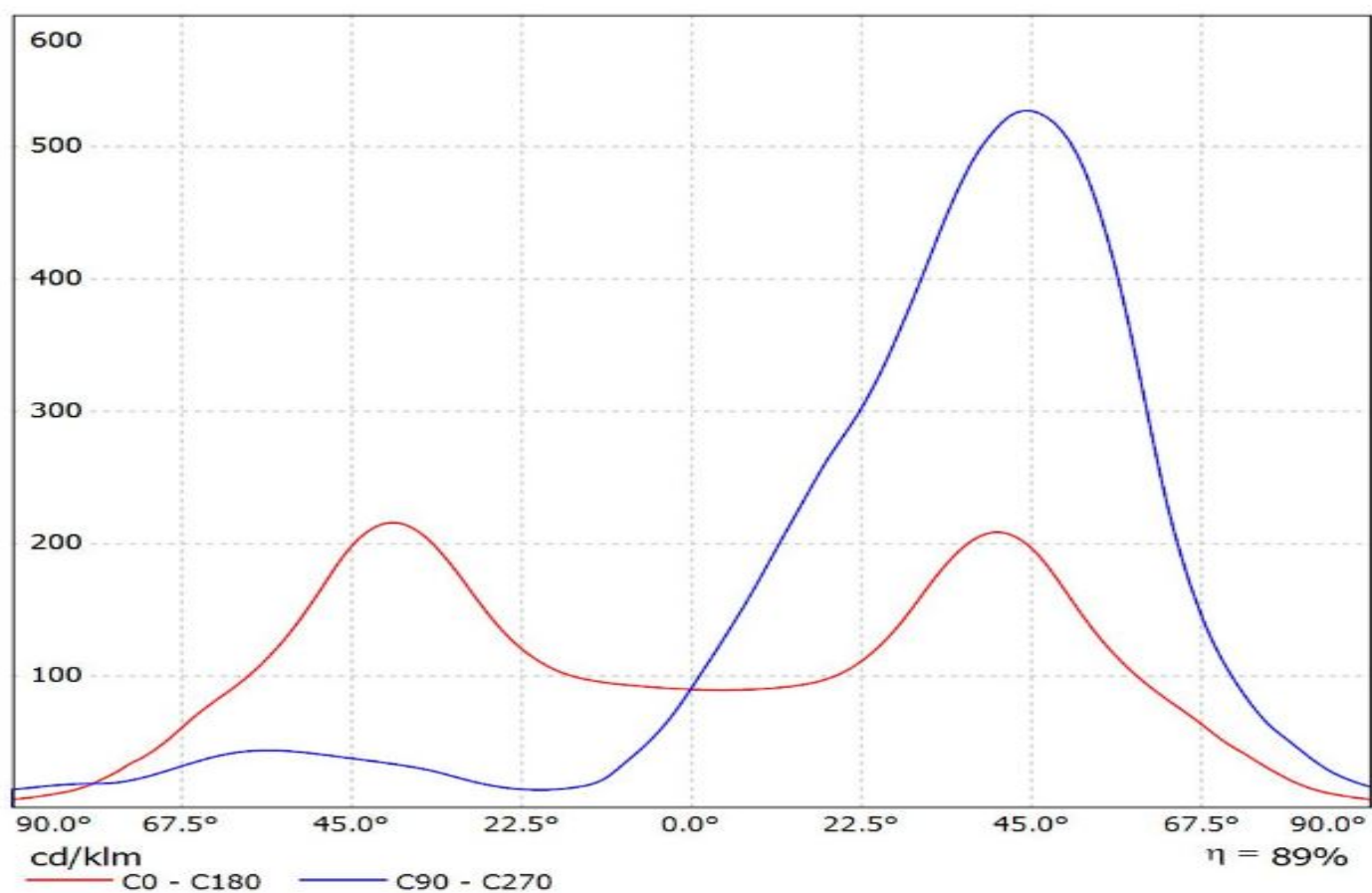


Luminaire: Ledil CA13752\_STRADA-SQ-FT\_(LUXEON\_XR-M\_Linear\_1x4)  
Lamps: 1 x Lumiled\_LUXEON\_XR-M\_Linear\_1x4\_1798.32lm@250mA\_P=11.005W\_I=0.25A



Luminaire: Ledil CA13752\_STRADA-SQ-FT\_(Duris\_S10)

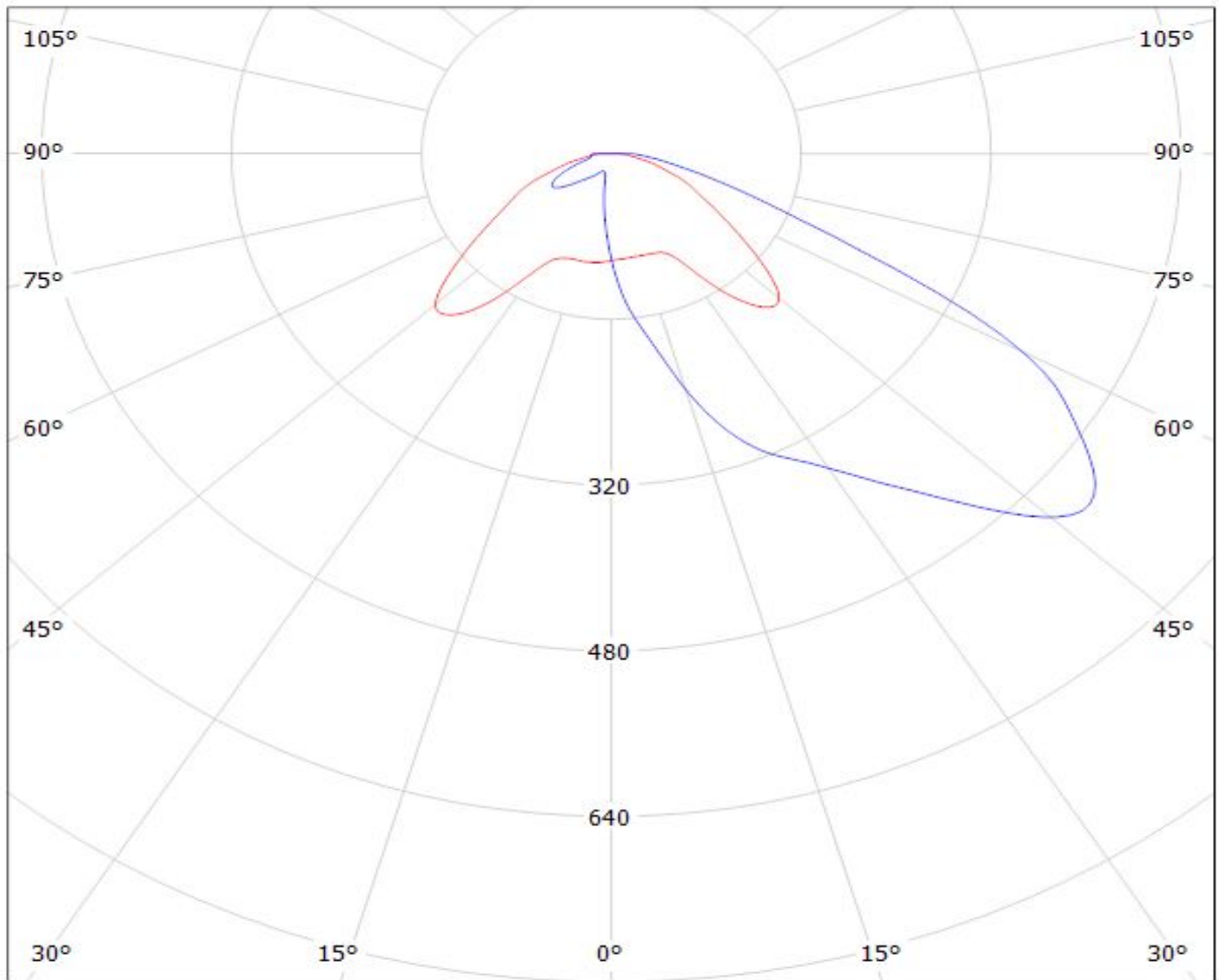
Lamps: 1 x Osram\_Duris\_S10\_(GW-P7LP32.EM)\_992.375lm@250mA\_P=9.2362W\_I=0.25A



# LEDiL Oy CA13752\_STRADA-SQ-FT\_(MK-R) Eff.89.4% / LDC (Polar)

Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(MK-R) Eff.89.4%

Lamps: 1 x CREE\_MK-R\_358.348lm@250mA\_P=2.84311W\_I=249.9mA



cd/klm

$\eta = 89\%$

— C0 - C180

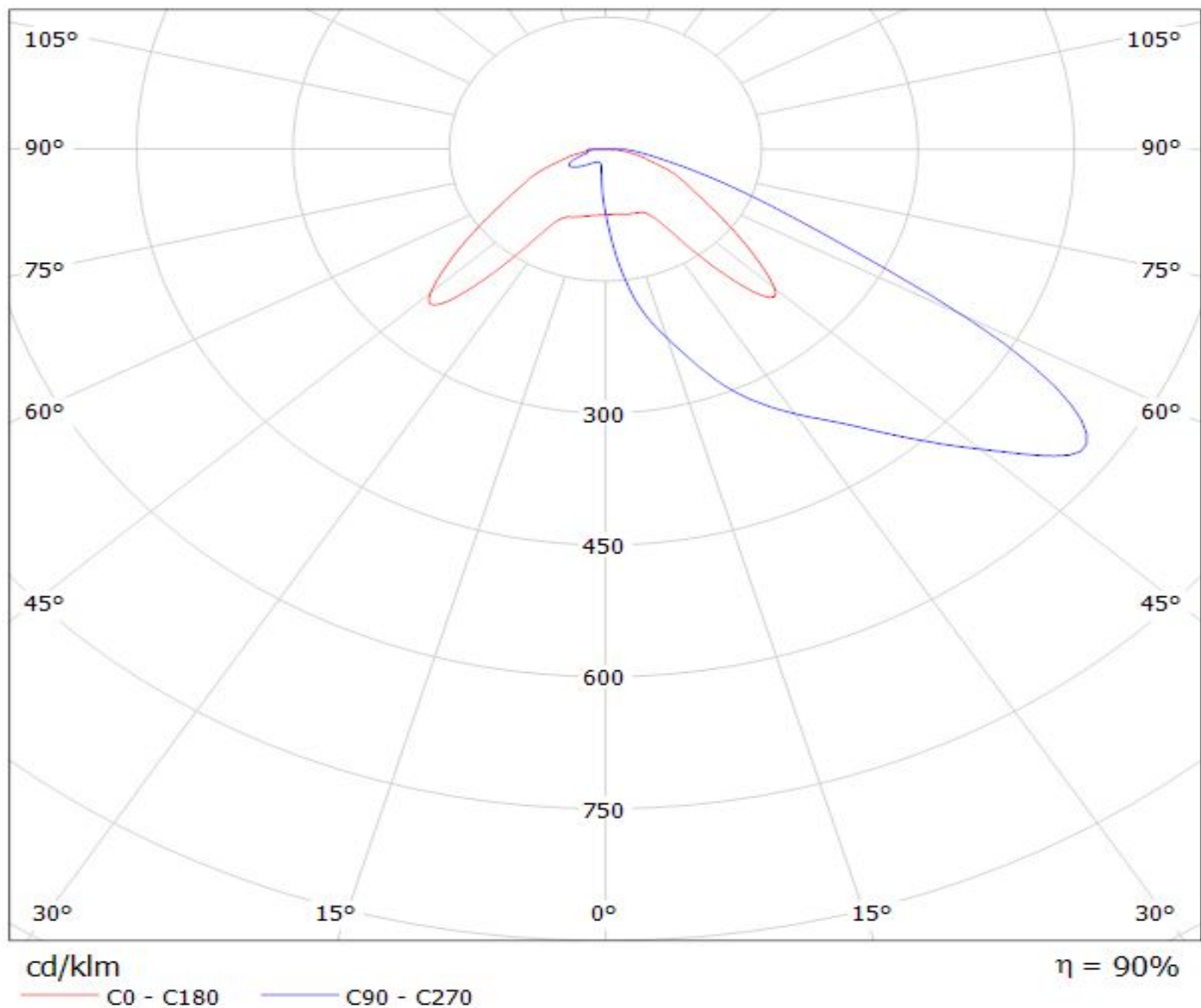
— C90 - C270

# LEDiL Oy CA13752\_STRADA-SQ-FT\_(XM-L) Eff.90.1% / LDC (Polar)

Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(XM-L) Eff.90.1%

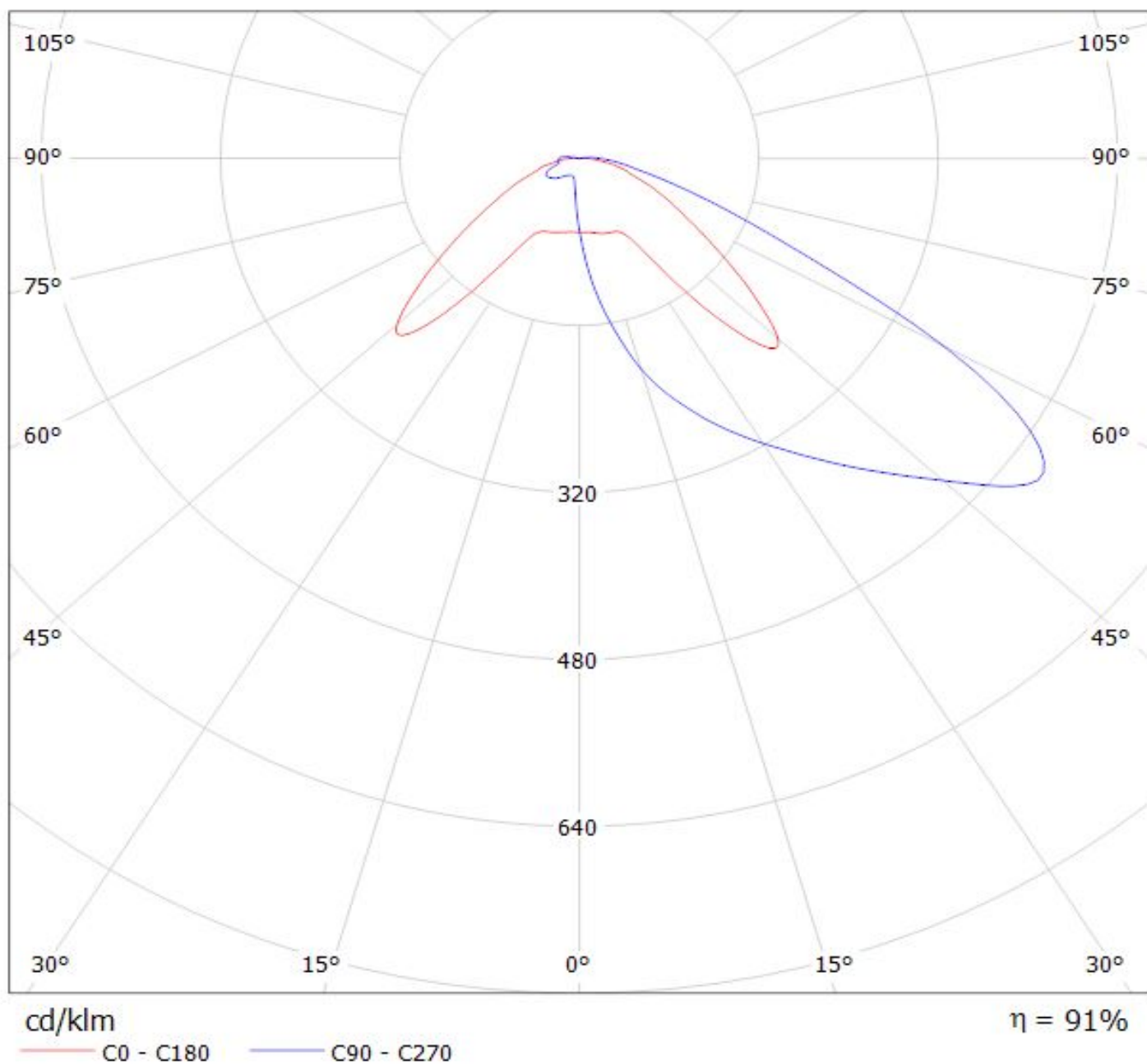
Lamps: 1 x CREE\_XM-L\_(XMLAWT-00-0000-0000T6051)

\_100.386lm@259mA\_P=0.724735W\_I=249.9mA

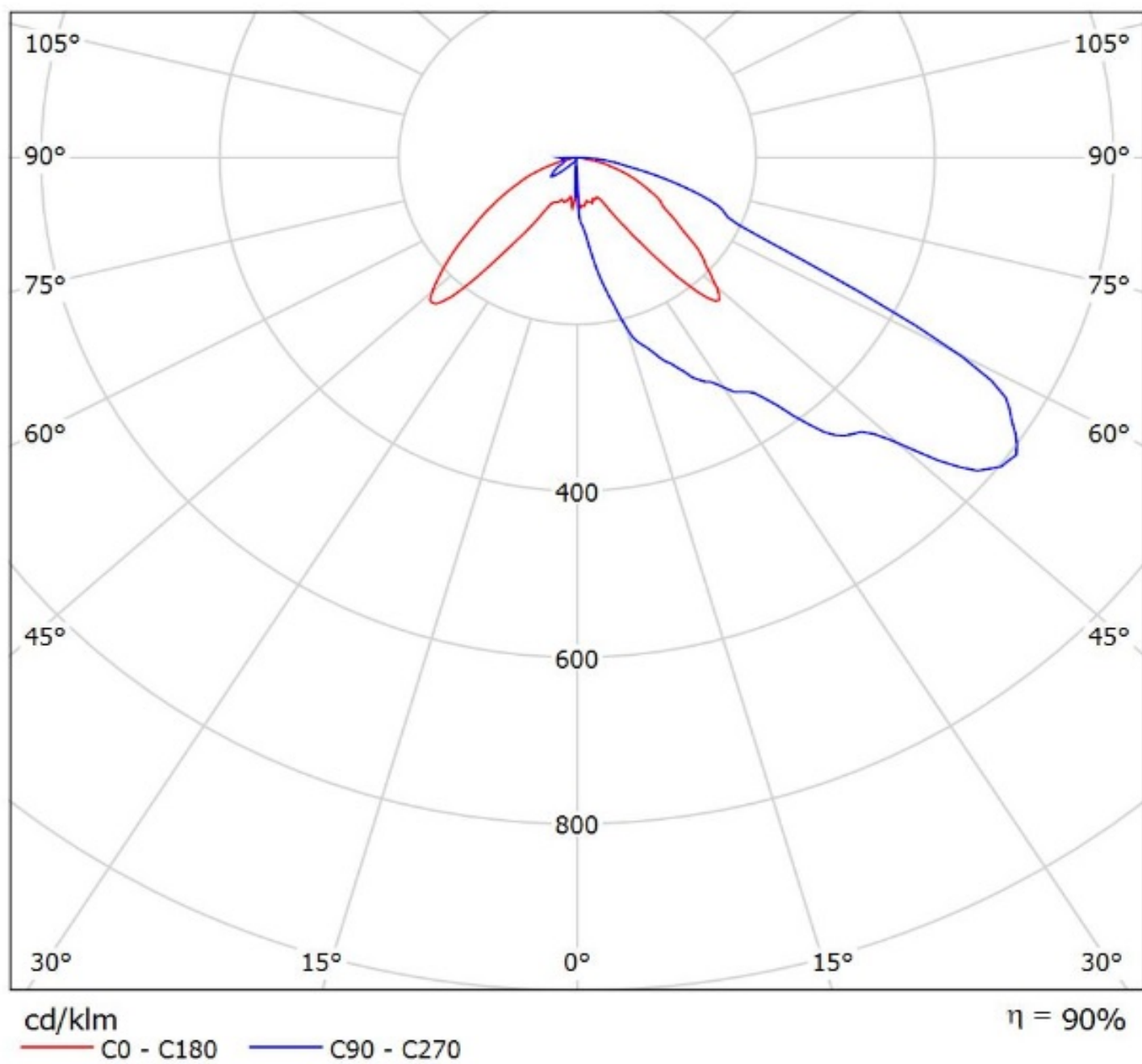


Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(XP-L)

Lamps: 1 x Cree\_XP-L\_125.481lm@250mA\_P=0.737584W\_I=249.9mA



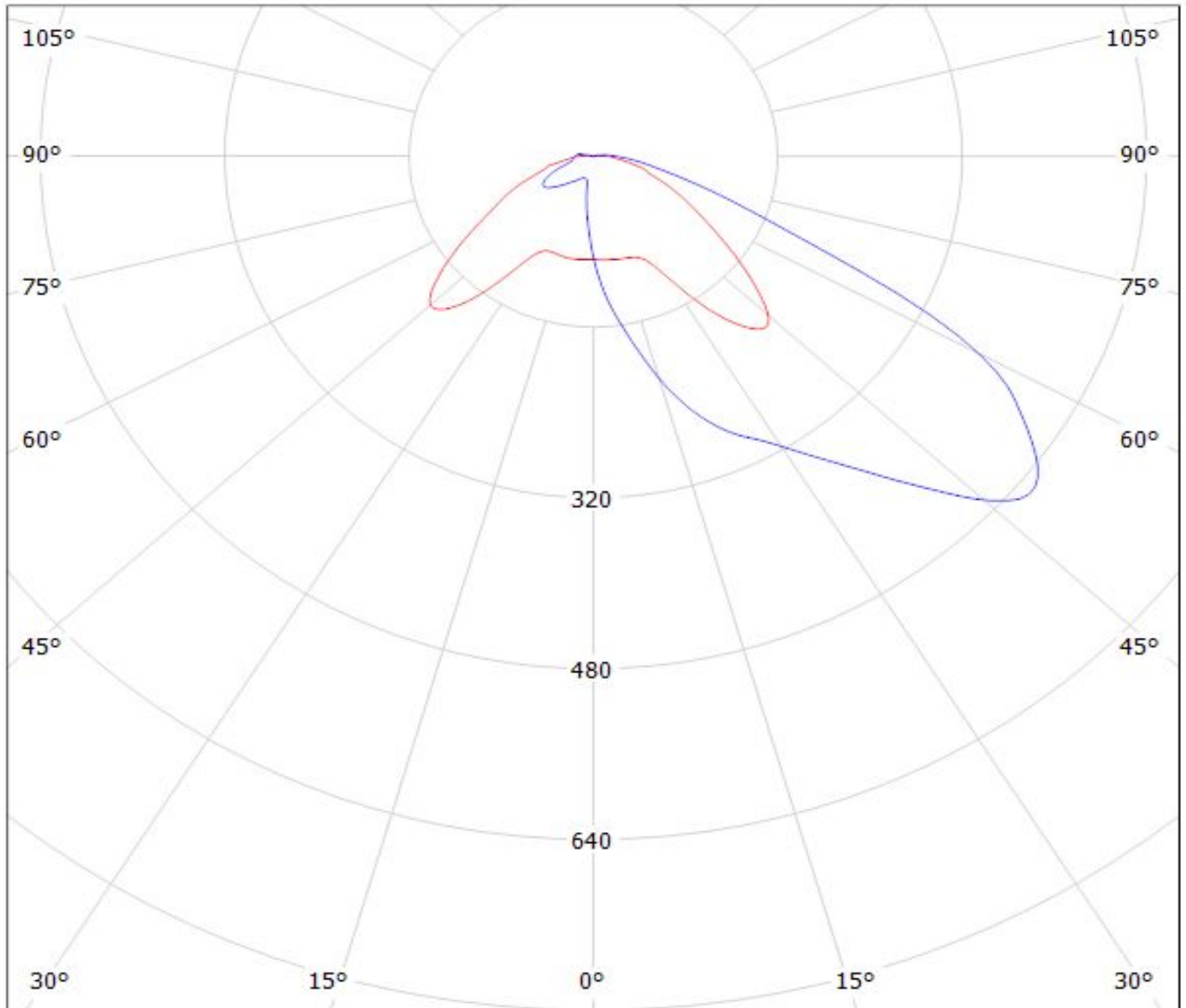
Luminaire: Ledil Oy CA13752\_STRADA-SQ-FT\_SIMULATED  
Lamps: 1 x CREE\_XM-L2





Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(XHP50\_cool\_white)

Lamps: 1 x CREE\_XHP50\_cool\_white\_246.221lm@250mA\_P=1.42945W\_I=249.9mA



cd/klm

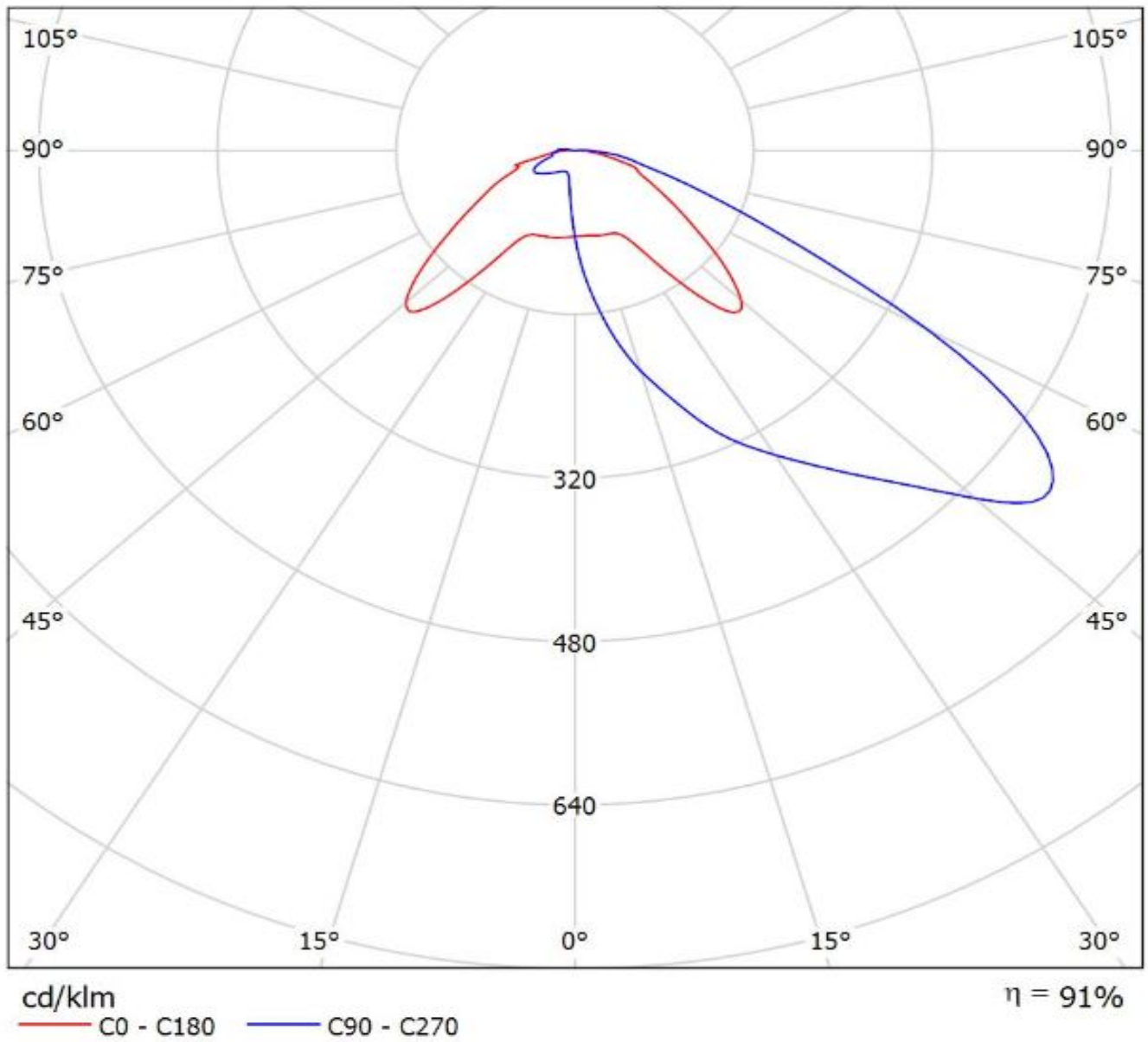
— C0 - C180

— C90 - C270

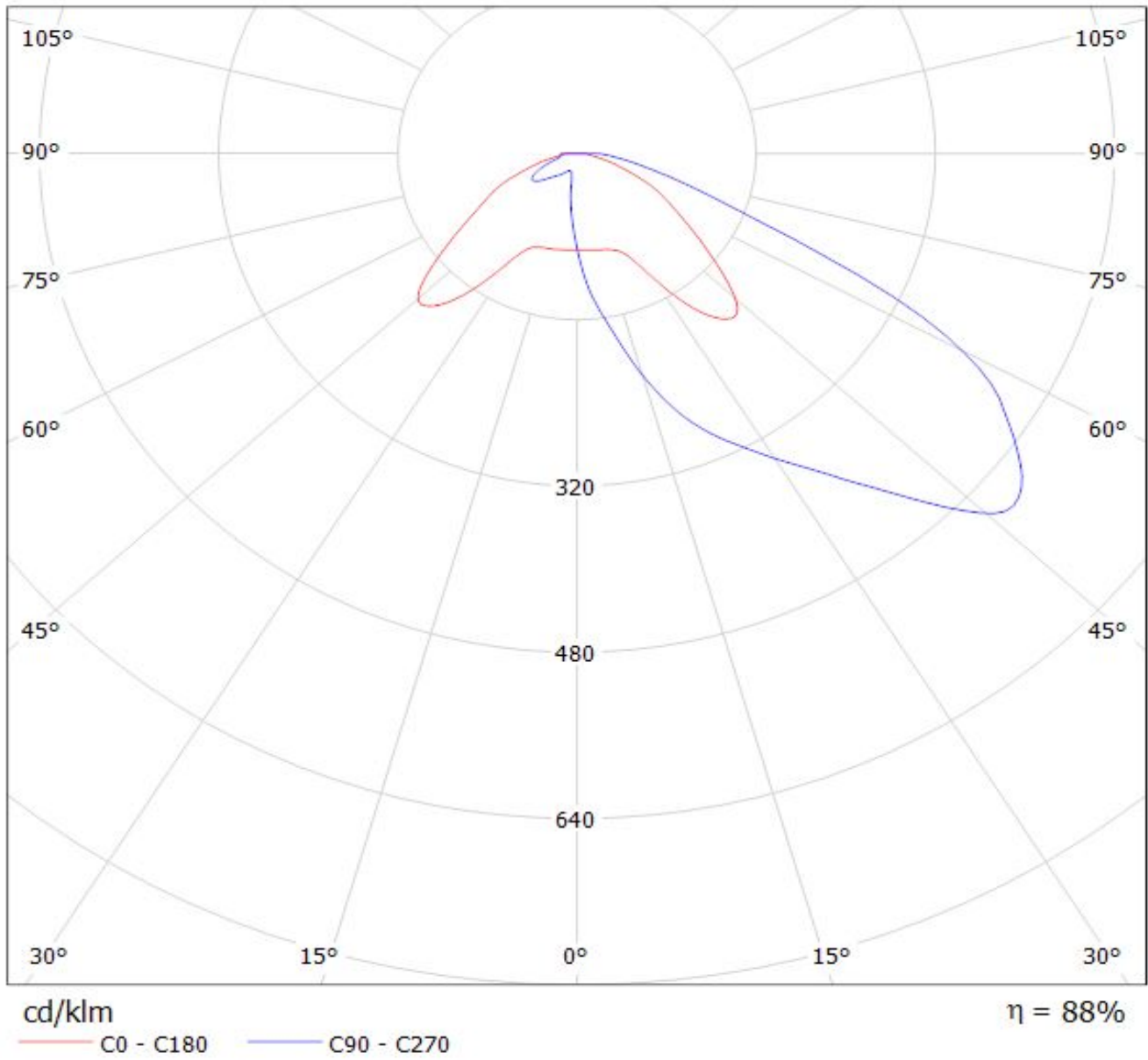
$\eta = 90\%$

Luminaire: Ledil CA13752\_STRADA-SQ-FT\_(XP-L2)

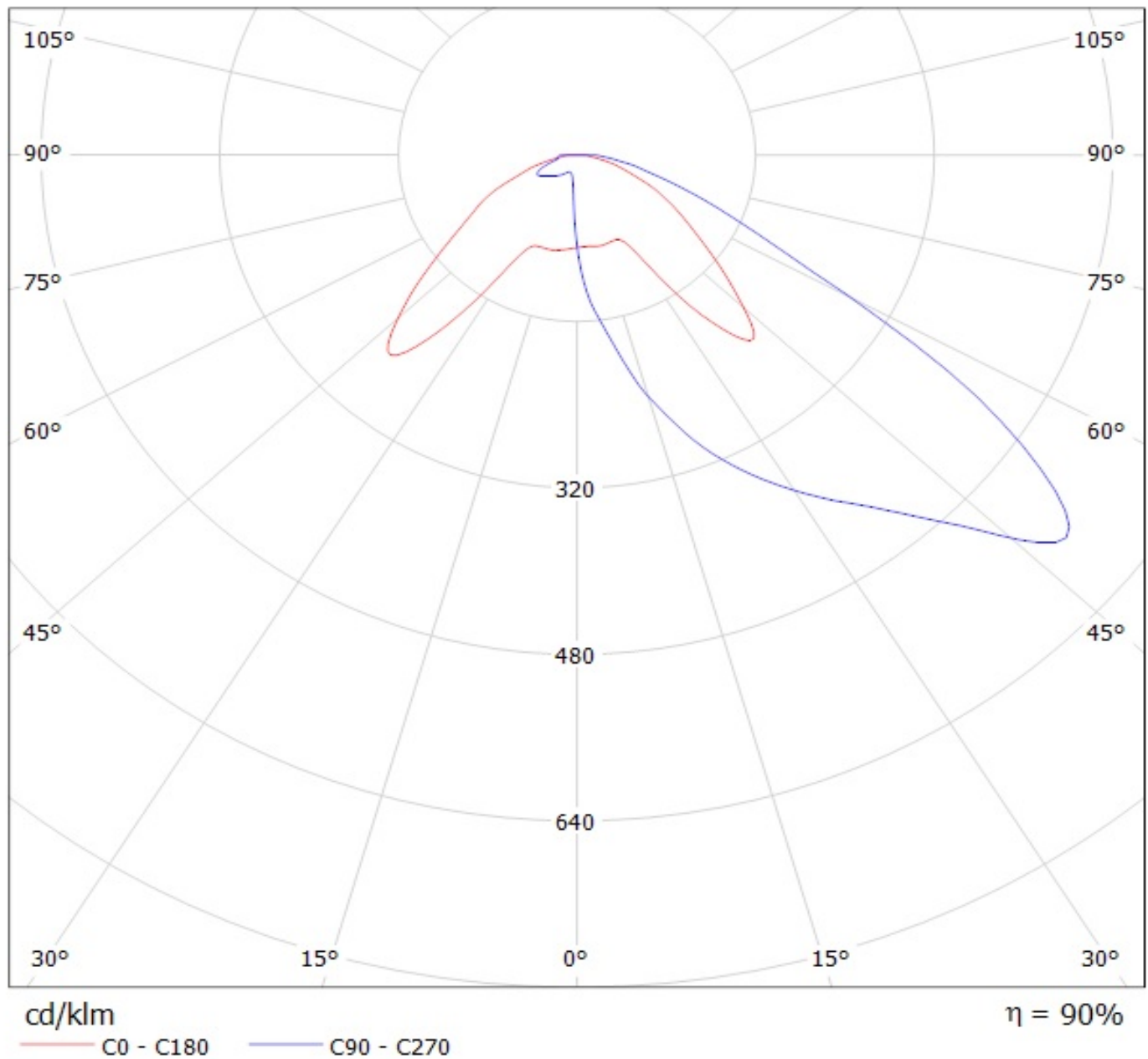
Lamps: 1 x Cree\_XP-L2\_(XPLWT-00-0000-000HU630G)\_115.75lm@250mA\_P=0.721375W\_I=0.25A



Luminaire: LEDiL Oy CA13750\_STRADA-SQ-FT\_(LUXEON\_M) Eff.88.1%  
Lamps: 1 x LUXEON\_M\_349.974lm@250mA\_CCT=4092K\_P=2.72832W\_I=249.8mA

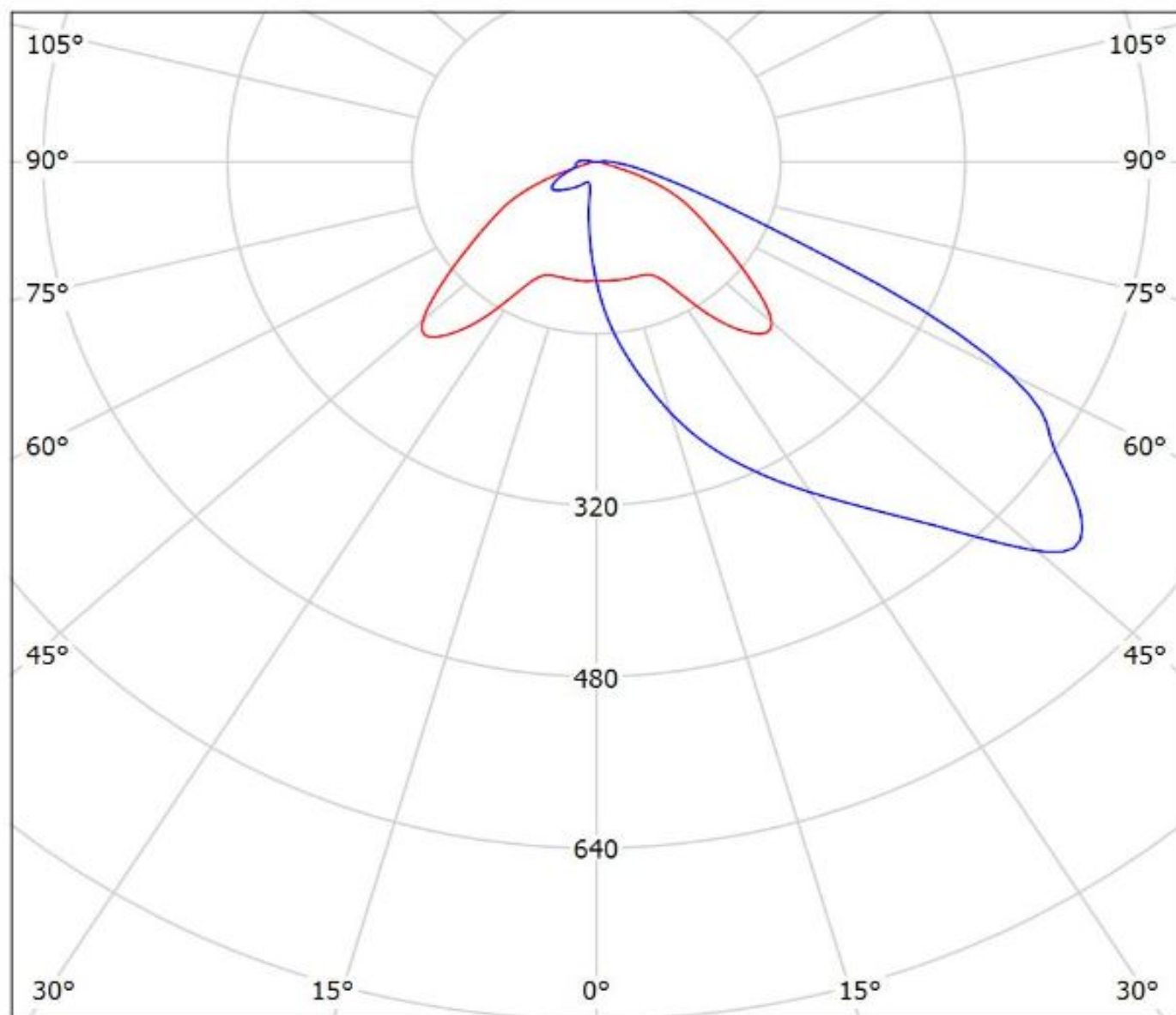


Luminaire: LEDiL Oy CA13752\_STRADA-SQ-FT\_(Luxeon\_MZ) Eff: 90%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA



Luminaire: Ledil CA13752\_STRADA-SQ-FT\_(LUXEON\_XR-M\_Linear\_1x4)

Lamps: 1 x Lumiled\_LUXEON\_XR-M\_Linear\_1x4\_1798.32lm@250mA\_P=11.005W\_I=0.25A



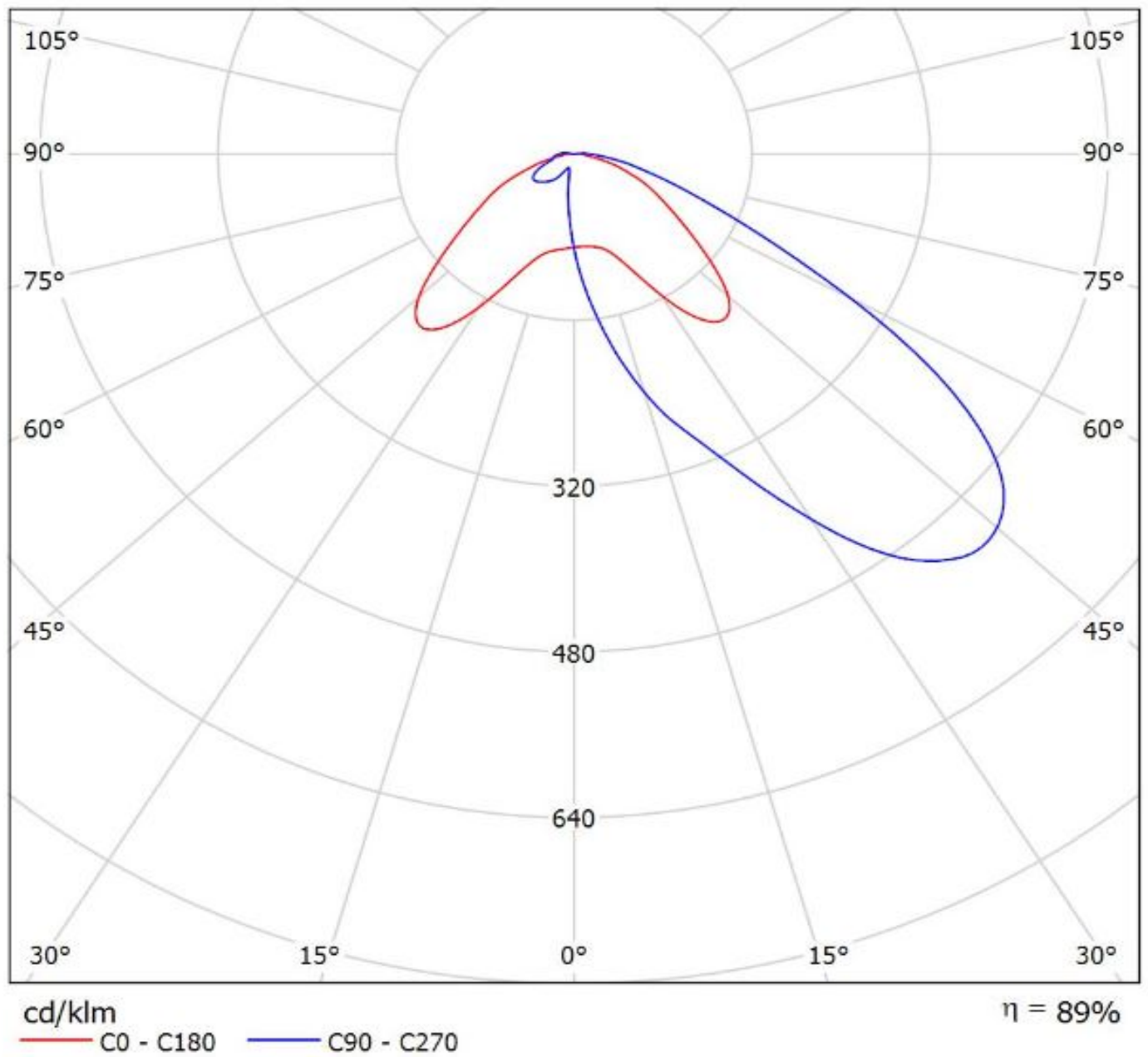
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: Ledil CA13752\_STRADA-SQ-FT\_(Duris\_S10)

Lamps: 1 x Osram\_Duris\_S10\_(GW-P7LP32.EM)\_992.375lm@250mA\_P=9.2362W\_I=0.25A



**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.**