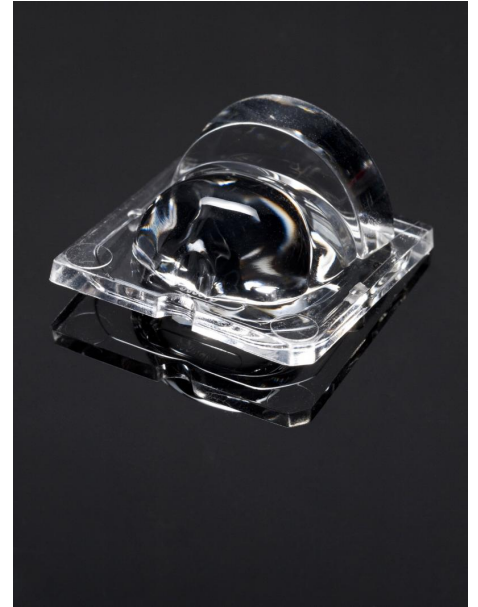


DETAILS

Product Number	C13896_STRADA-SQ-FS
Family	Strada
Type	Lens
Color	clear
Diameter	25x25 mm
Height	12,4 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	production ready
ROHS Compliant	Yes
Date Updated	6/10/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
MK-R	Asymmetric deg	Asymmetric	93 %	0.900	-
XM-L	Asymmetric deg	Asymmetric	93 %	1.200	-
XT-E	Asymmetric deg	Asymmetric	93 %	1.200	-
XP-L	Asymmetric deg	Asymmetric	94 %	1.000	-
MHB-A	sim: Asymmetric	Asymmetric	-	-	-
XHP50	Asymmetric deg	Asymmetric	93 %	0.900	-
XHP70	Asymmetric deg	Asymmetric	80 %	0.610	Undefined Manufacturer: Protective Plate, Glass
XP-L2	Asymmetric deg	Asymmetric	94 %	1.000	-
LUXEON M/MX	asymmetric deg	Asymmetric	92 %	0.900	-
LUXEON MZ	asymmetric deg	Asymmetric	94 %	1.200	-
NFMW48xA	sim: asym	Asymmetric	sim: 91 %	sim: 0.990	-
Duris P10	sim: Asymmetric	Asymmetric	sim: 91 %	sim: 1.050	-

D

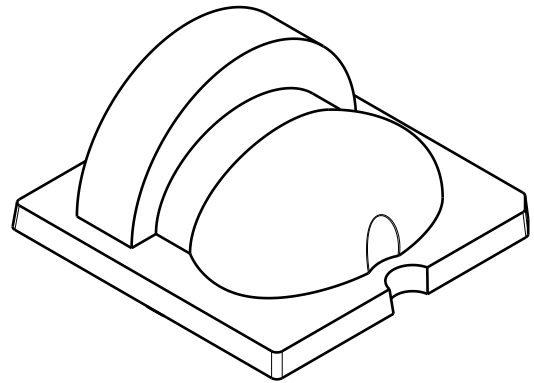
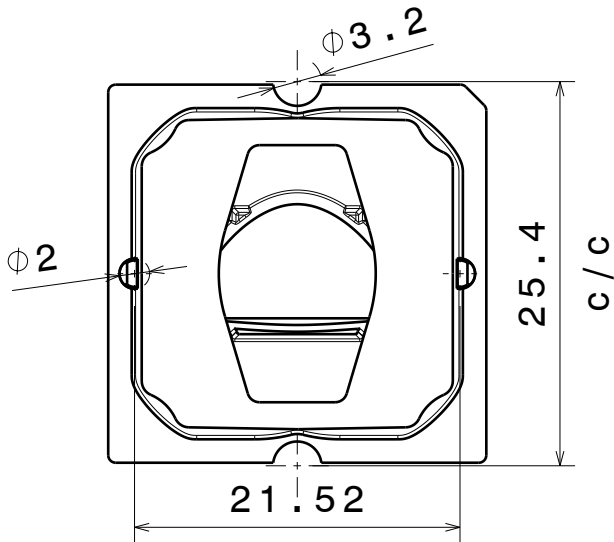
C

B

A

4

4



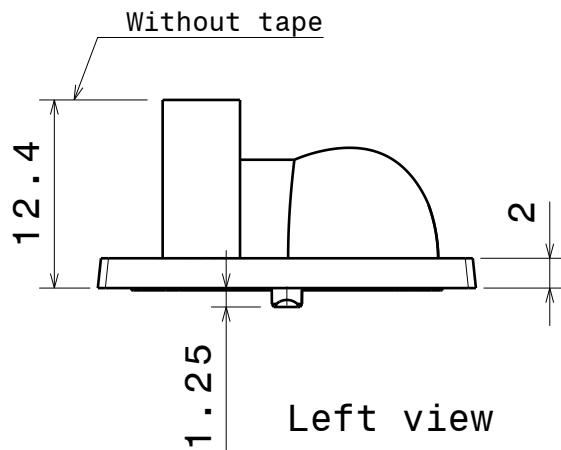
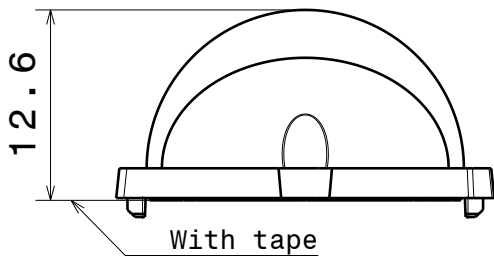
Isometric view

Bottom view

c/c

3

3

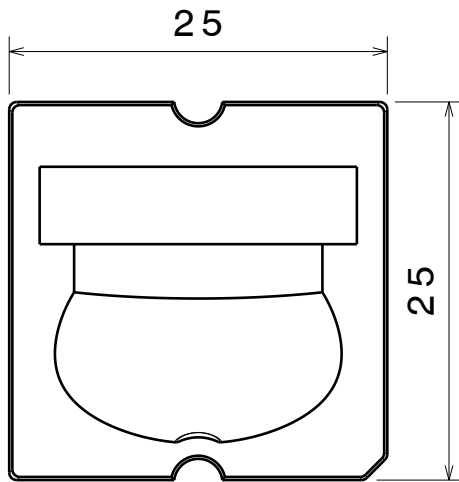


Front view

Left view

2

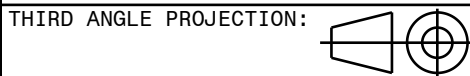
2



Top view

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

STRADA-SQ-FS

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	-

SCALE	2:1	WEIGHT	- g	SHEET	1/1
-------	-----	--------	-----	-------	-----

D

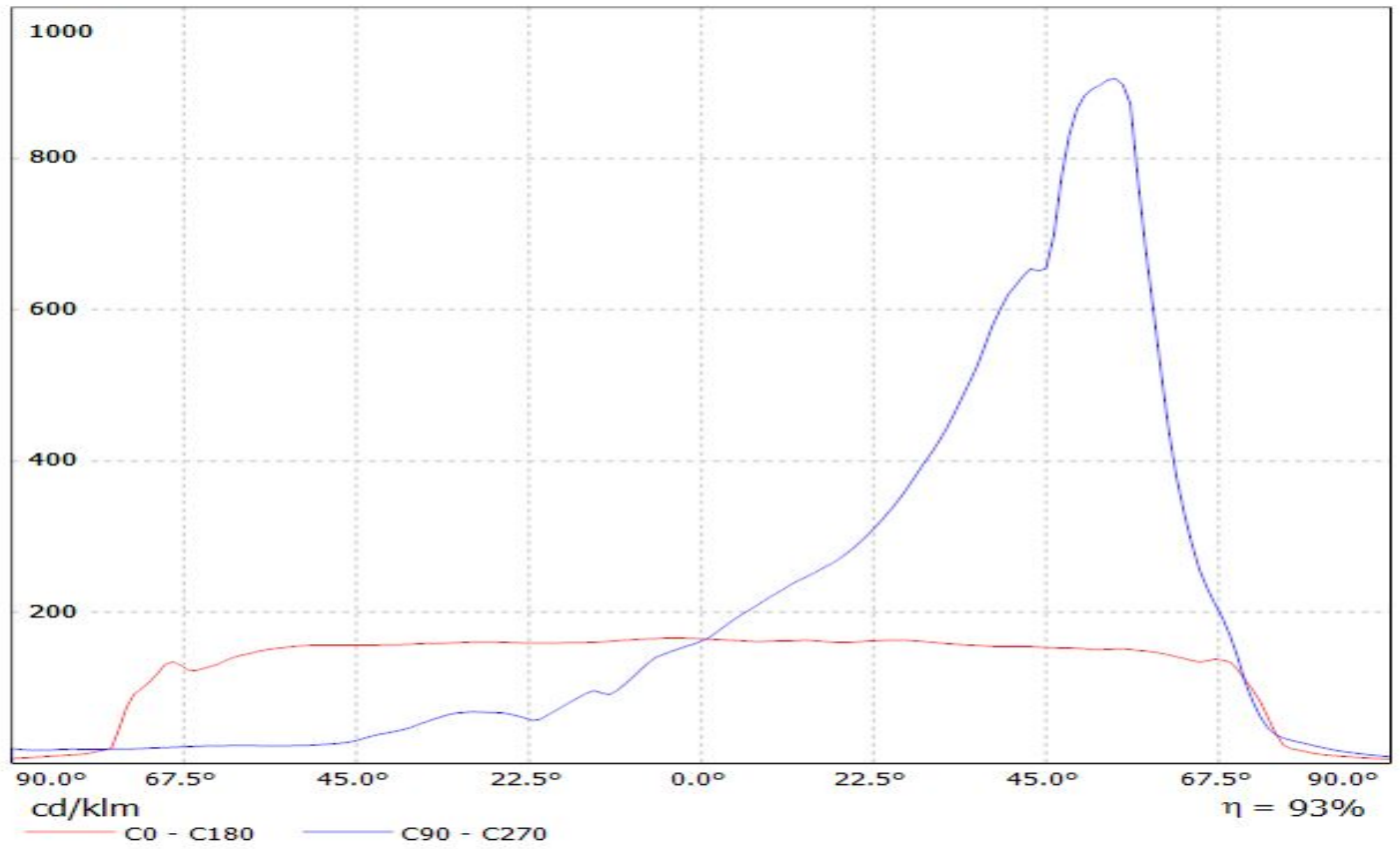
A

1

1

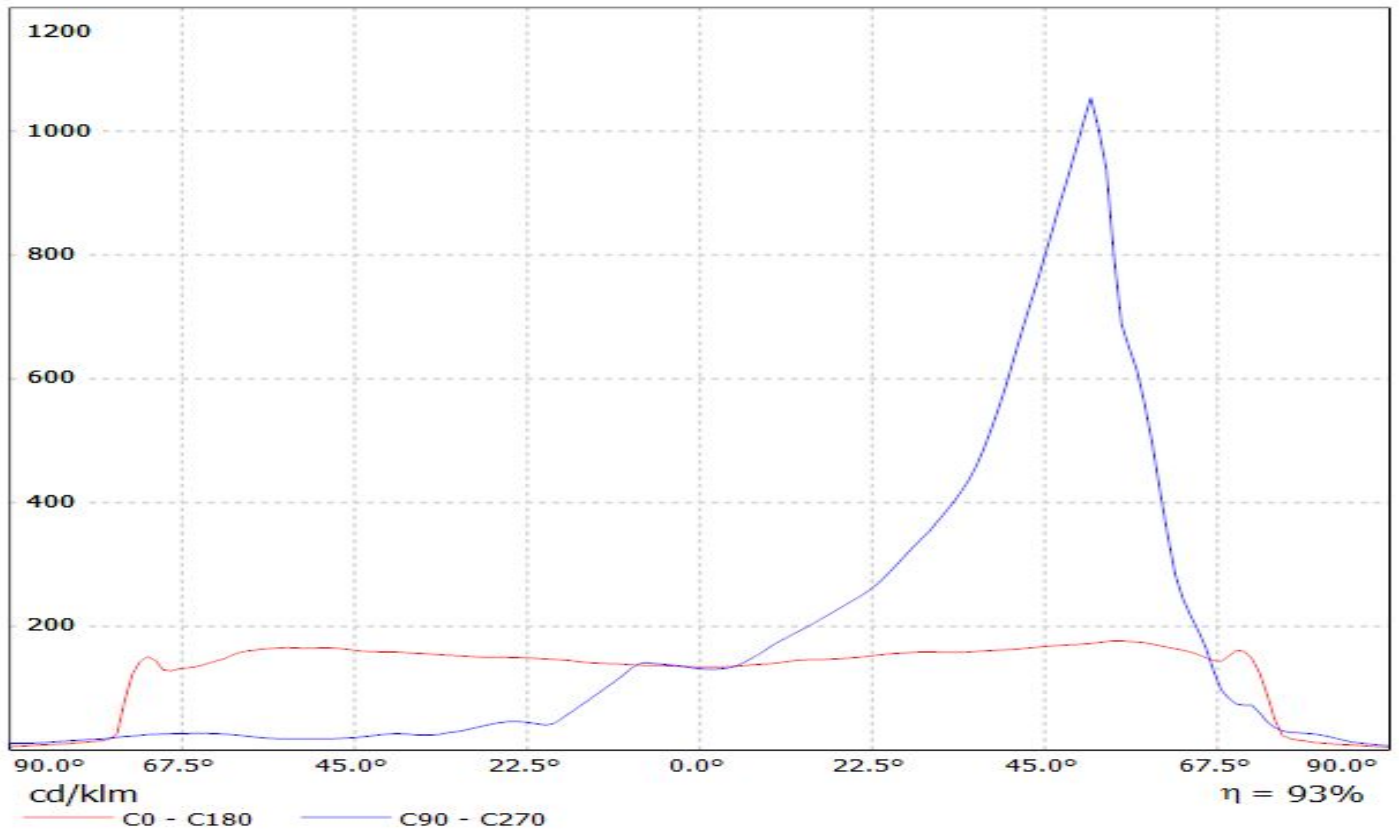
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Linear)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6%
Lamps: 1 x CREE_MK-R_358.348lm@250mA_P=2.84311W_I=249.9mA



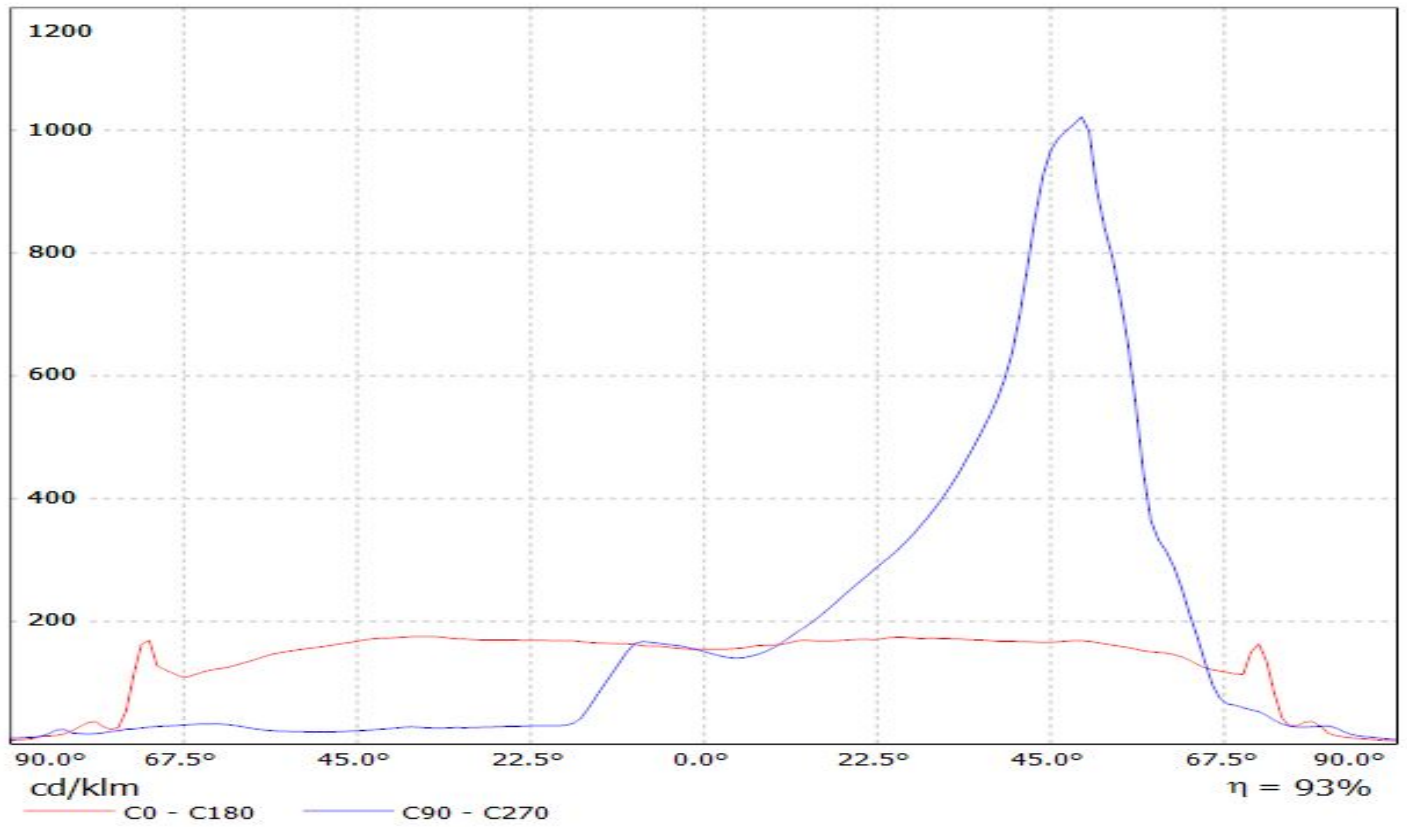
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Linear)

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

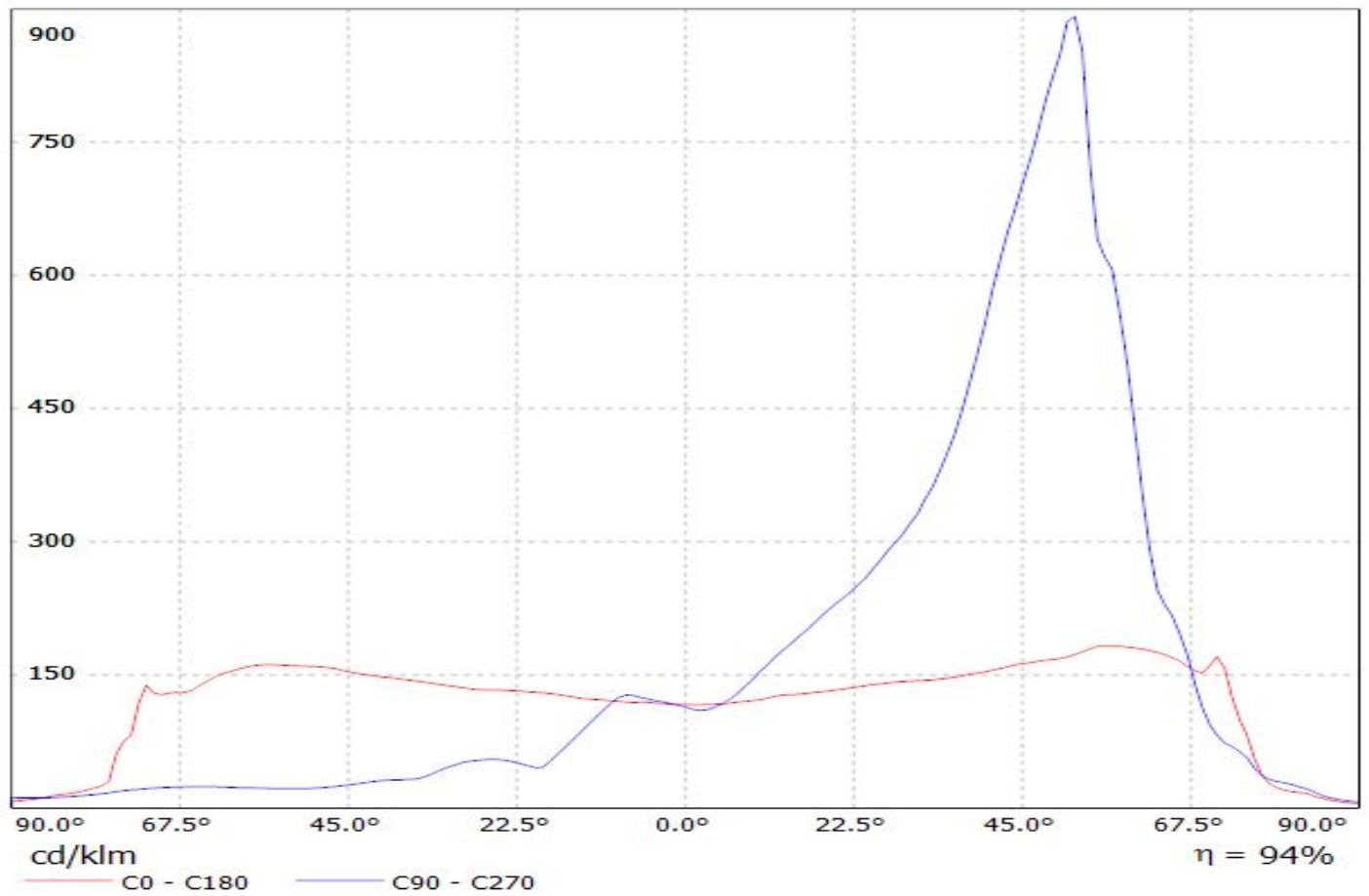


LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0% / LDC (Linear)

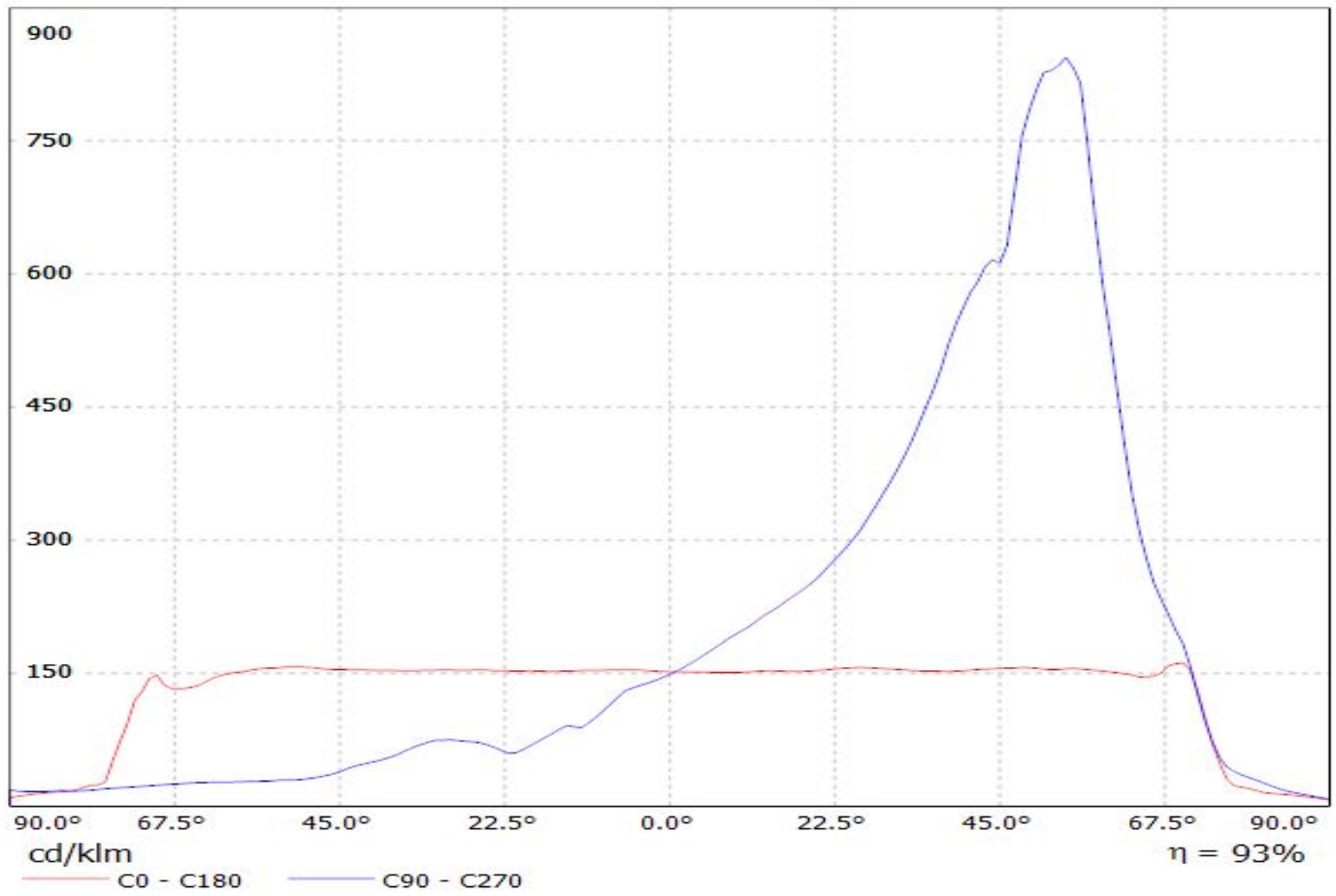
Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0%
Lamps: 1 x CREE_XT-E_(XTEAWT-00-0000-00000HBE8)
_73.2149lm@250mA_P=0.779476W_I=249.9mA



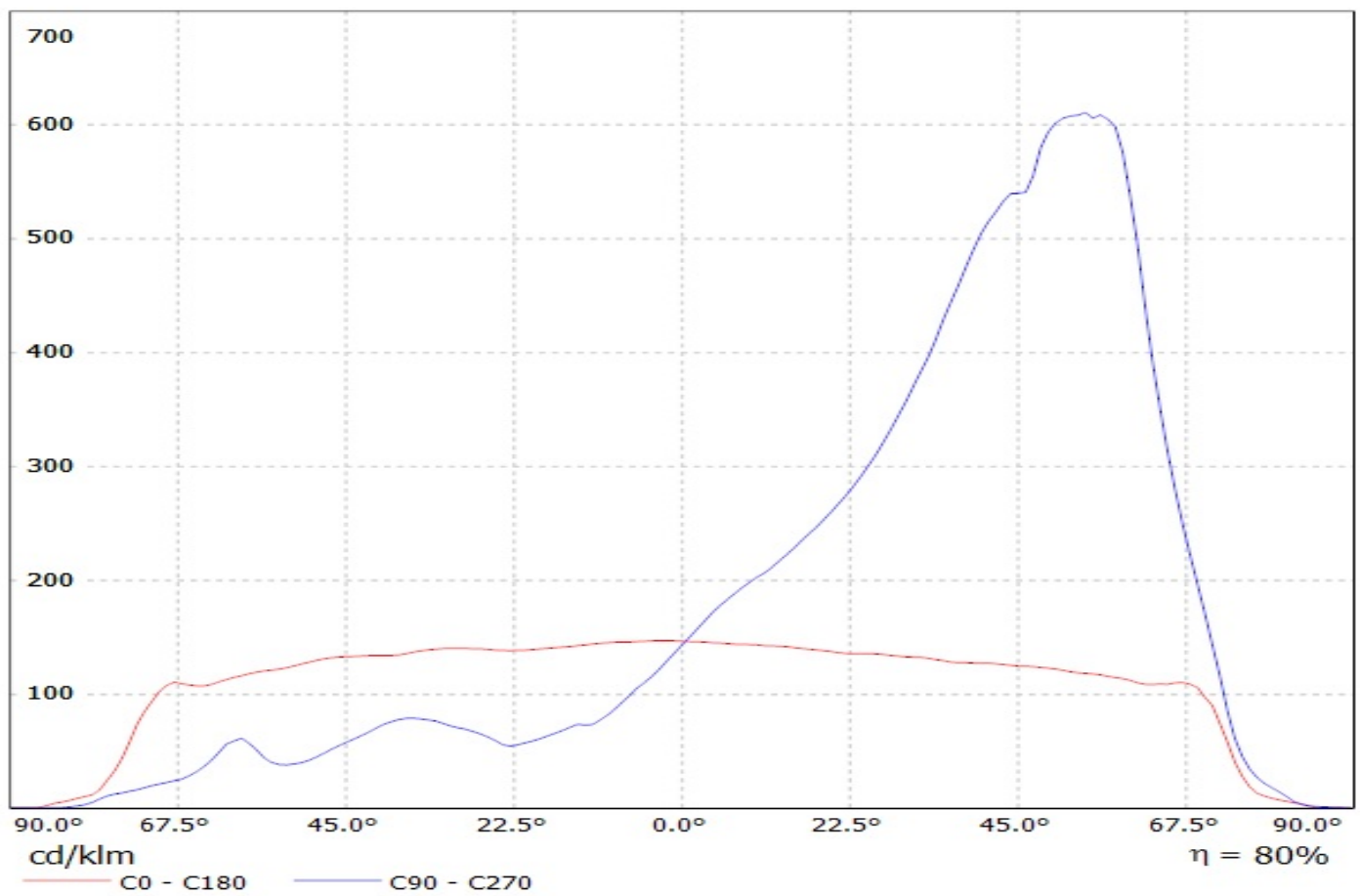
Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(XP-L)
Lamps: 1 x Cree_XP-L_125.481lm@250mA_P=0.737584W_I=249.9mA



Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(XHP50 Cool white)
Lamps: 1 x XHP50 Cool white_244.744lm@250mA_P=1.42773W_I=0.2499A

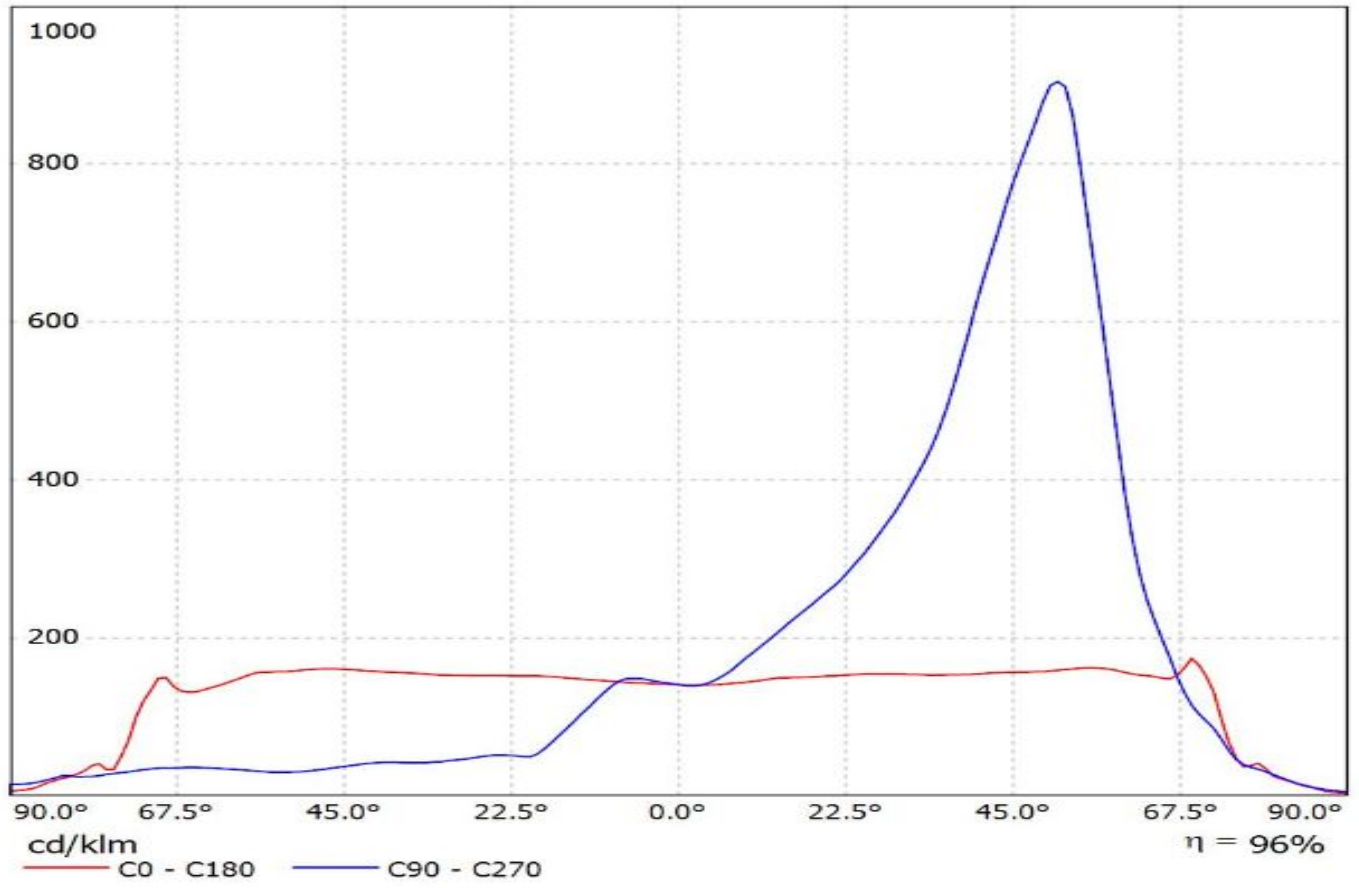


Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(XHP70)_glass
Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A

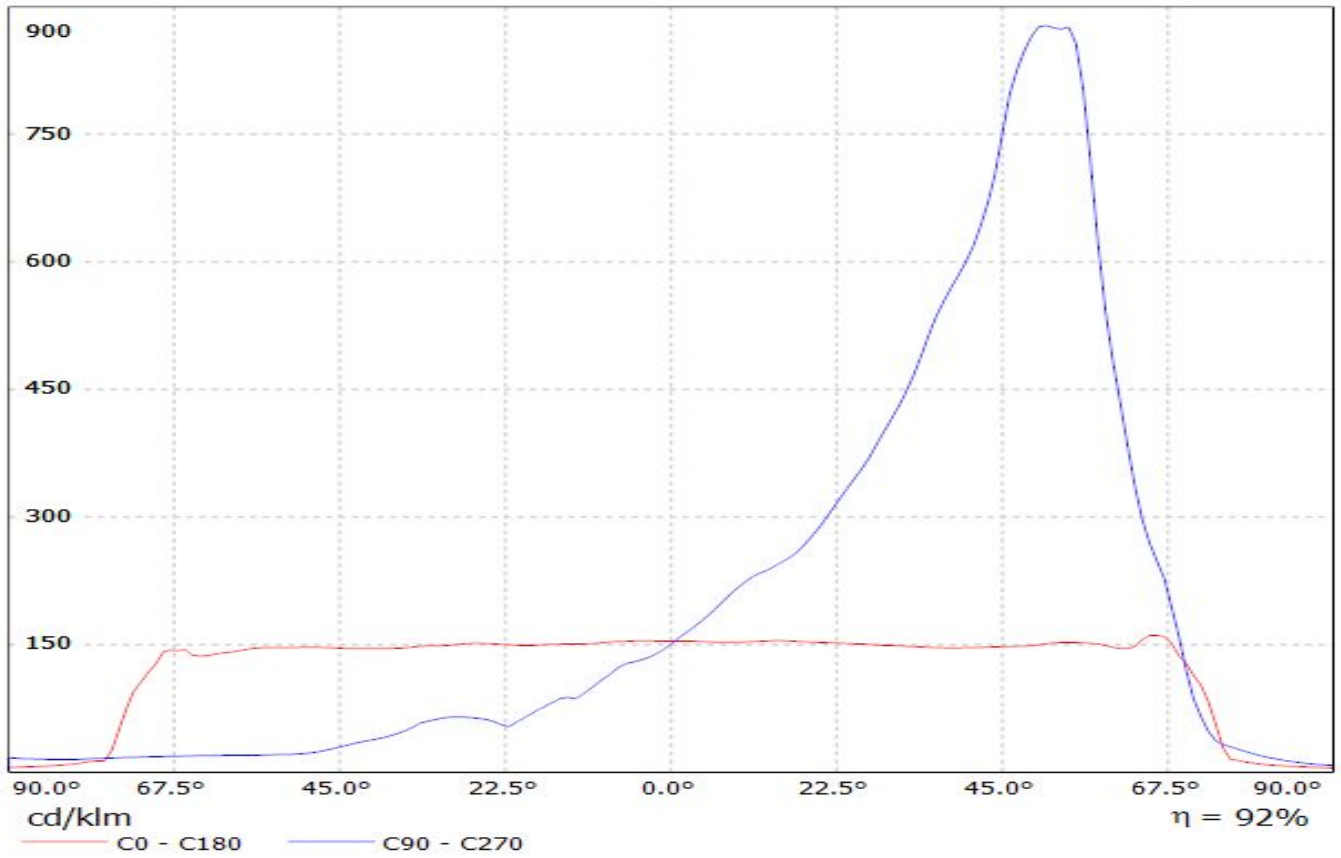


Luminaire: Ledil C13896_STRADA-SQ-FS_(XP-L2)

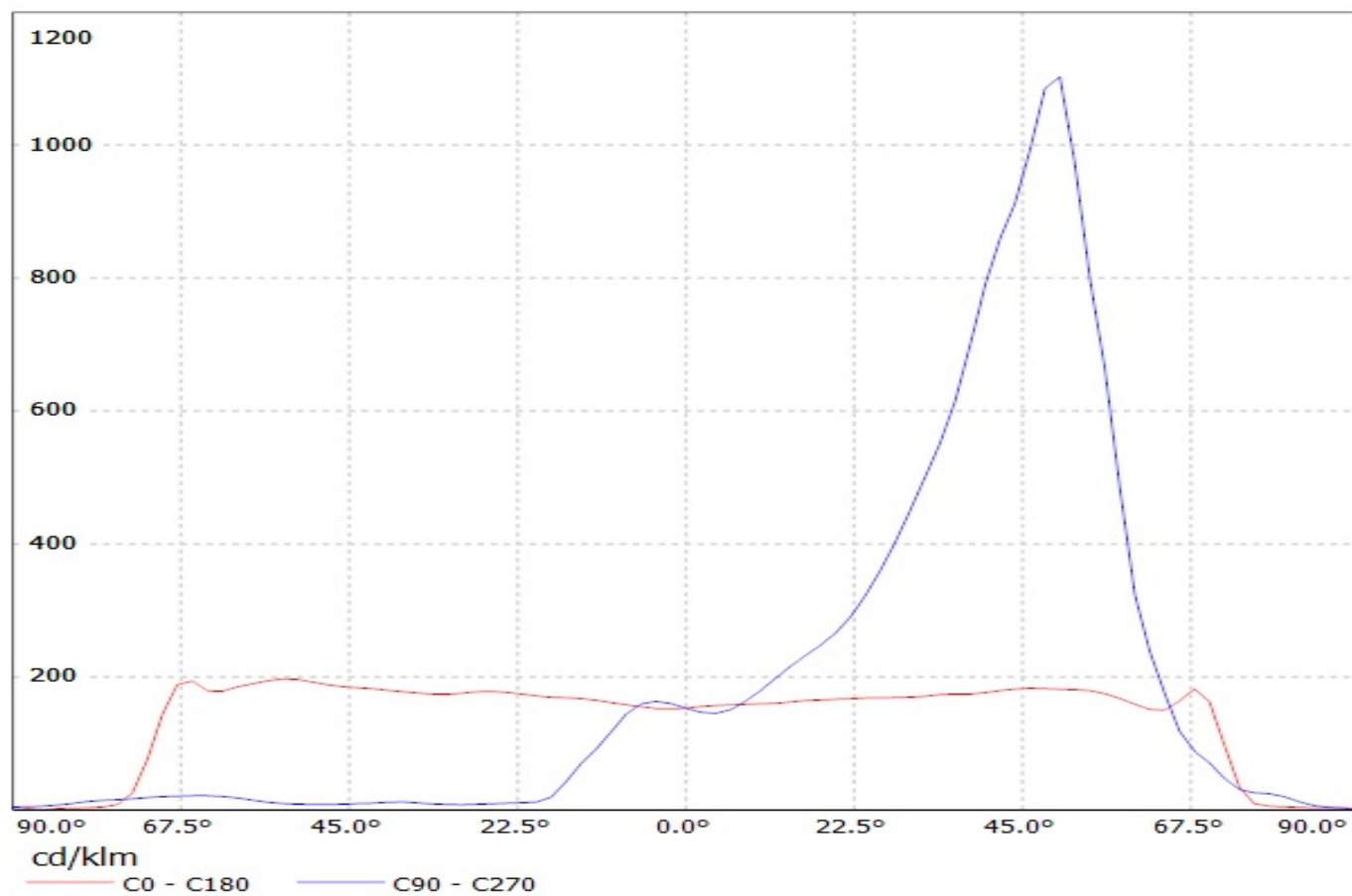
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.868lm@250mA_P=0.717875W_I=0.25A



Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA

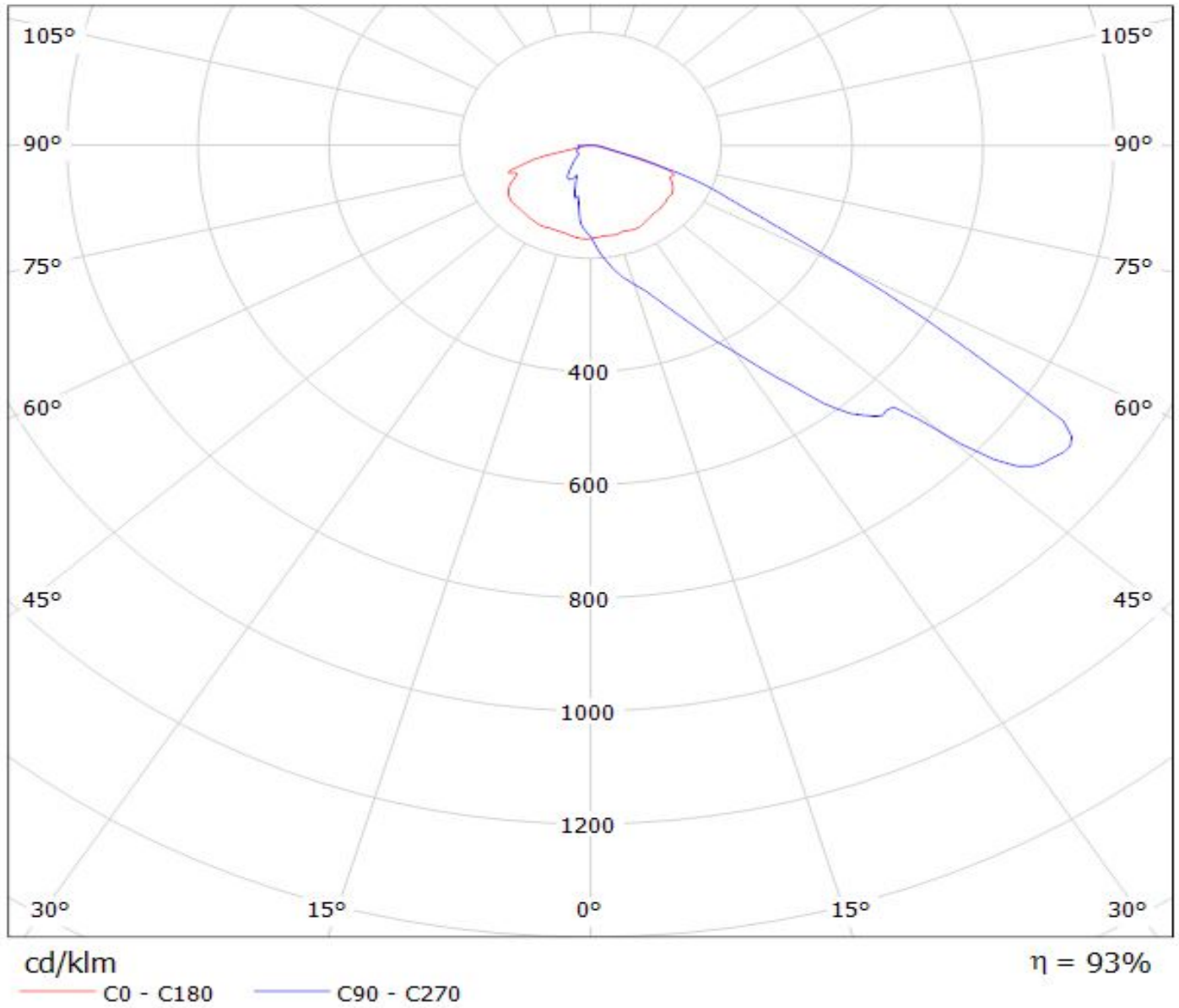


Luminaire: LEDil Oy C13896_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6%
Lamps: 1 x CREE_MK-R_358.348lm@250mA_P=2.84311W_I=249.9mA

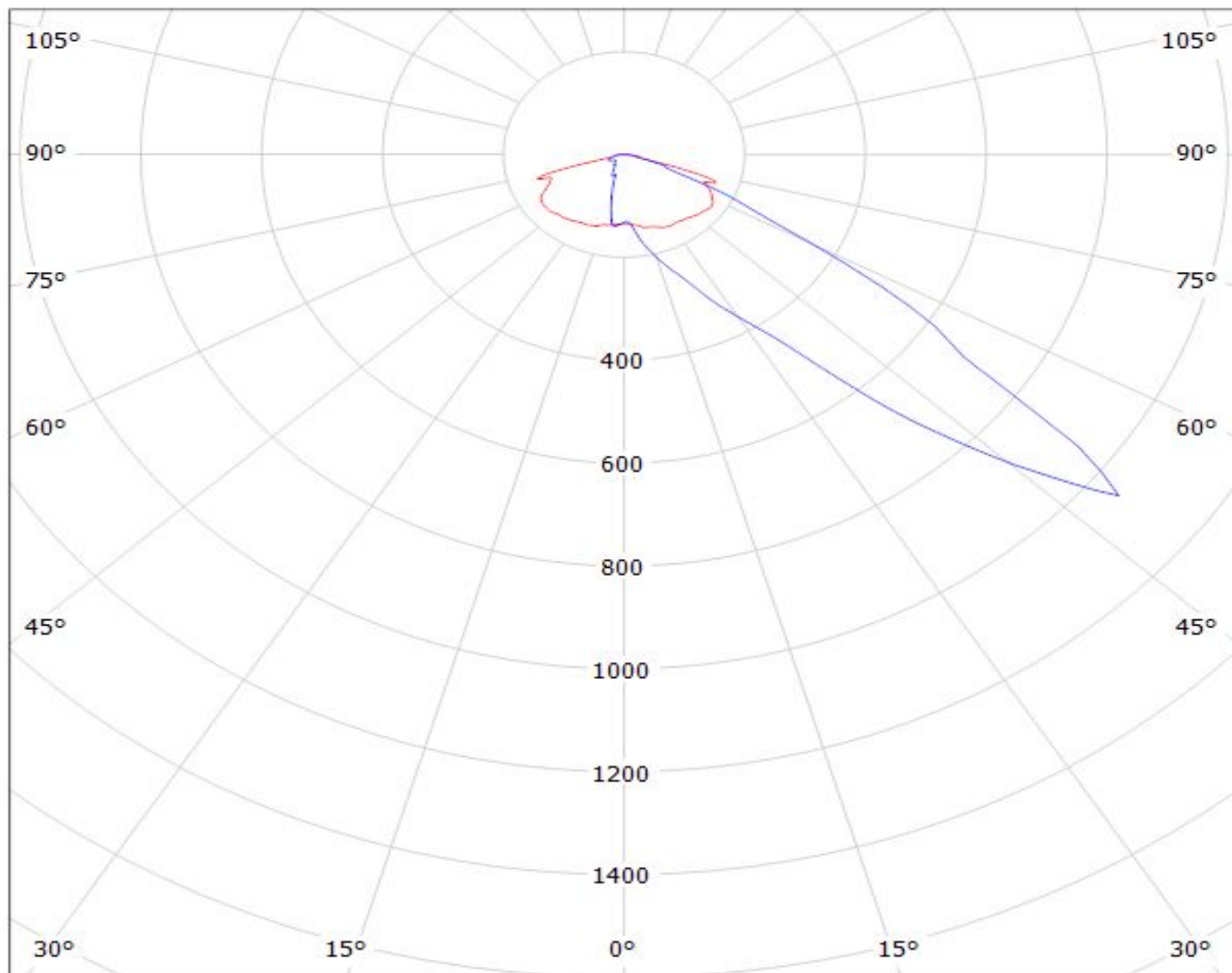


LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Polar)

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

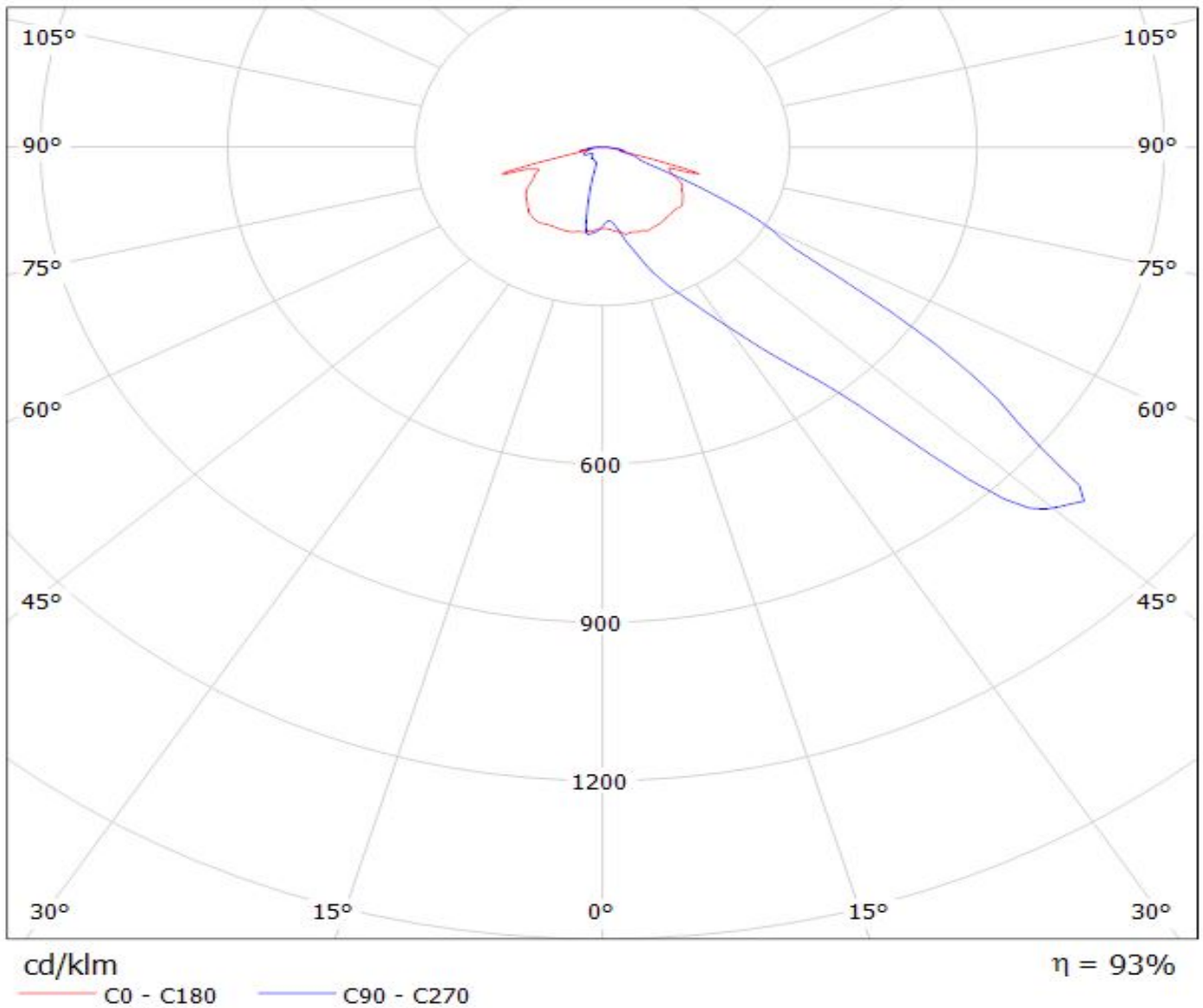
η = 93%

— C0 - C180

— C90 - C270

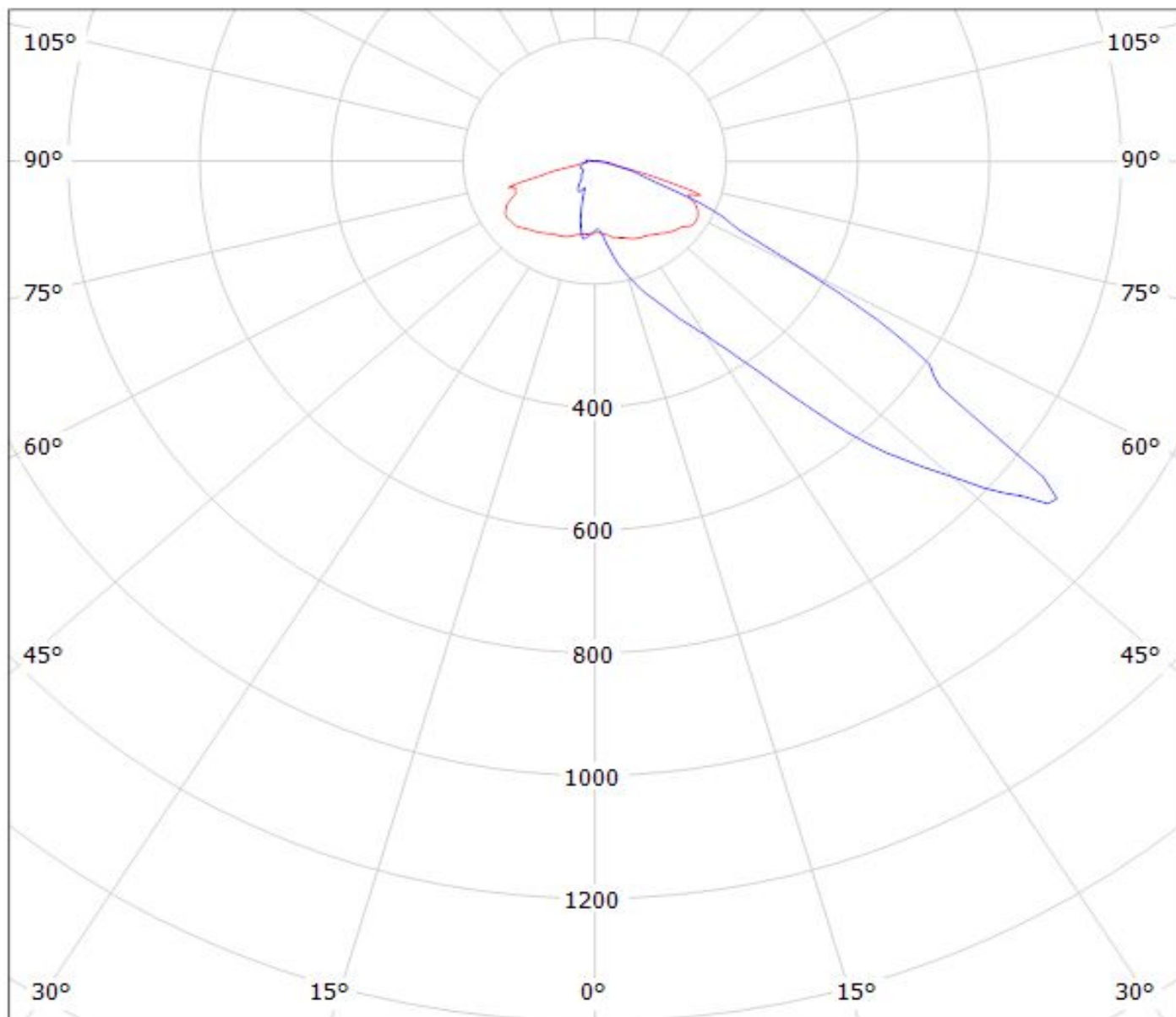
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0% / LDC (Polar)

Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0%
Lamps: 1 x CREE_XT-E_(XTEAWT-00-0000-00000HBE8)
_73.2149lm@250mA_P=0.779476W_I=249.9mA



Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(XP-L)

Lamps: 1 x Cree_XP-L_125.481lm@250mA_P=0.737584W_I=249.9mA



cd/klm

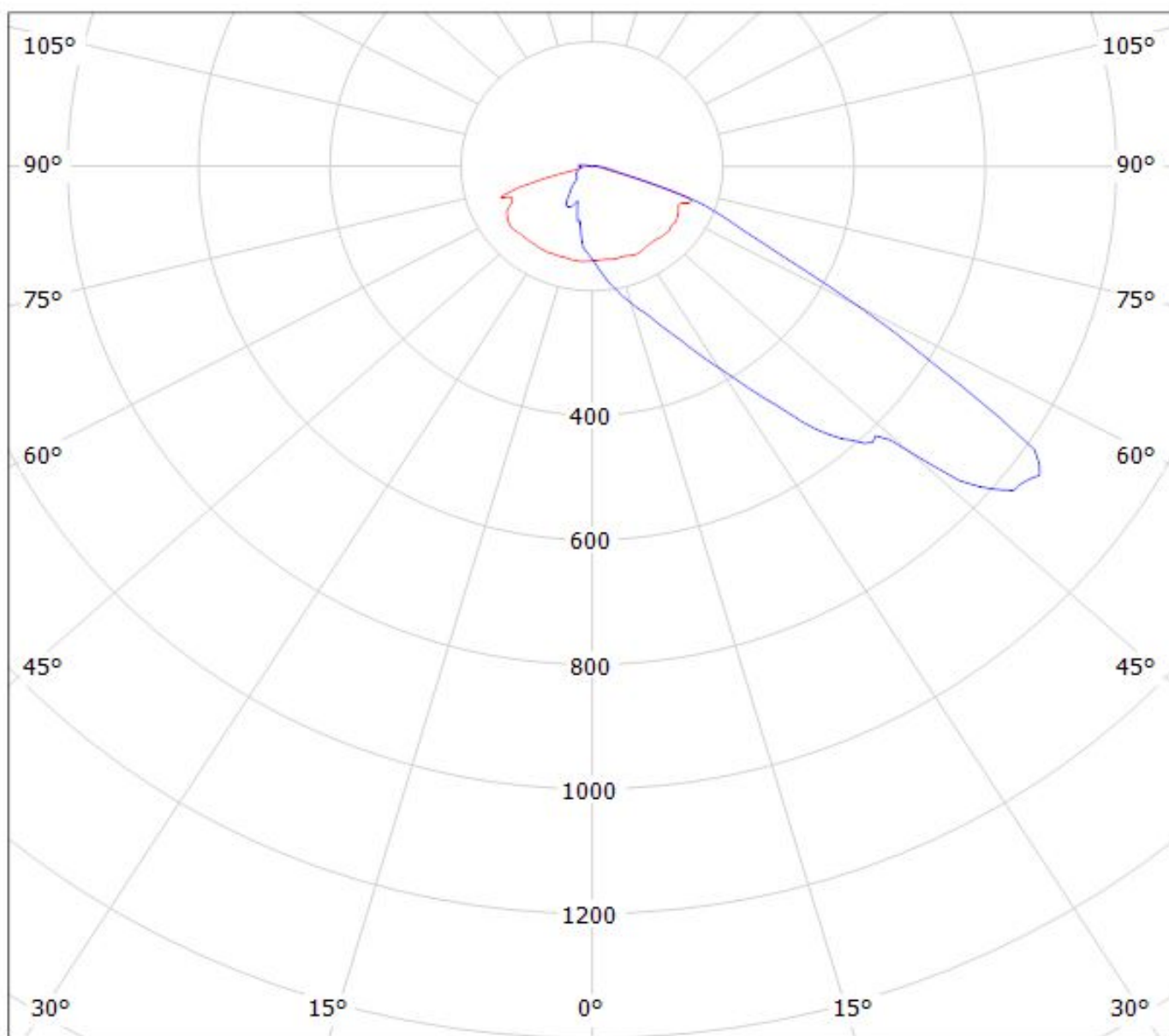
$\eta = 94\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(XHP50 Cool white)

Lamps: 1 x XHP50 Cool white_244.744lm@250mA_P=1.42773W_I=0.2499A



cd/klm

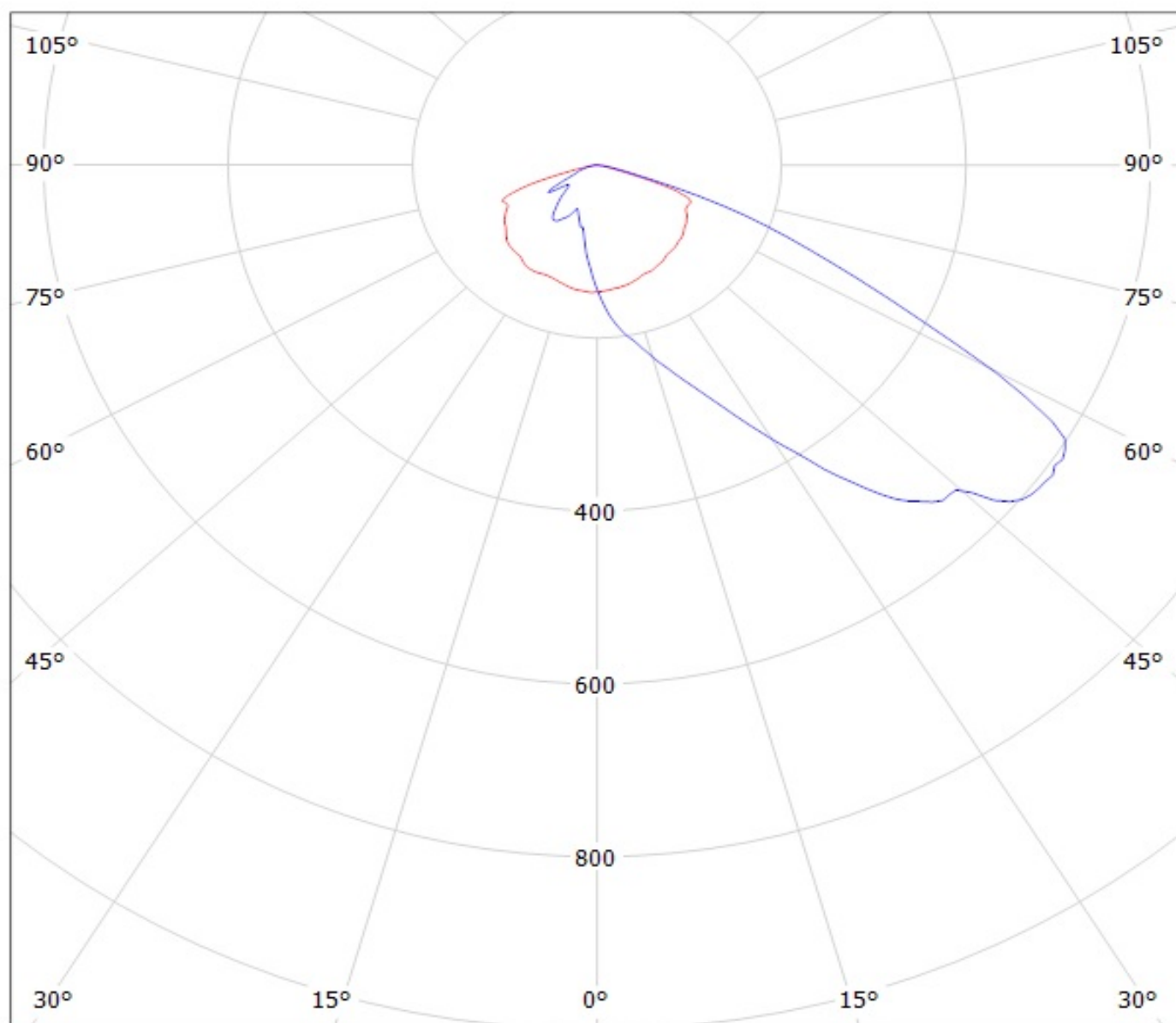
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(XHP70)_glass

Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A



cd/klm

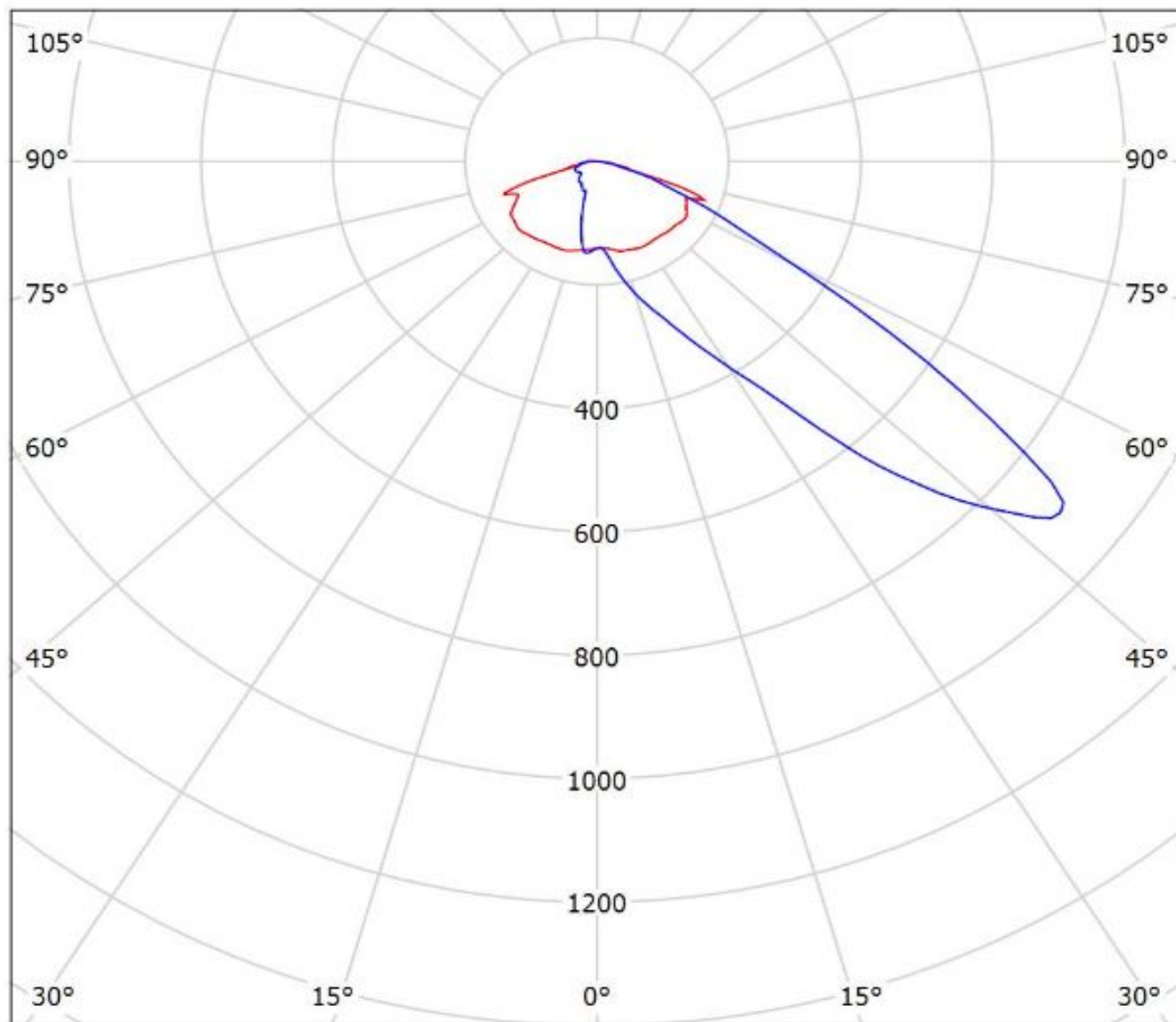
— C0 - C180

— C90 - C270

$\eta = 80\%$

Luminaire: Ledil C13896_STRADA-SQ-FS_(XP-L2)

Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.868lm@250mA_P=0.717875W_I=0.25A

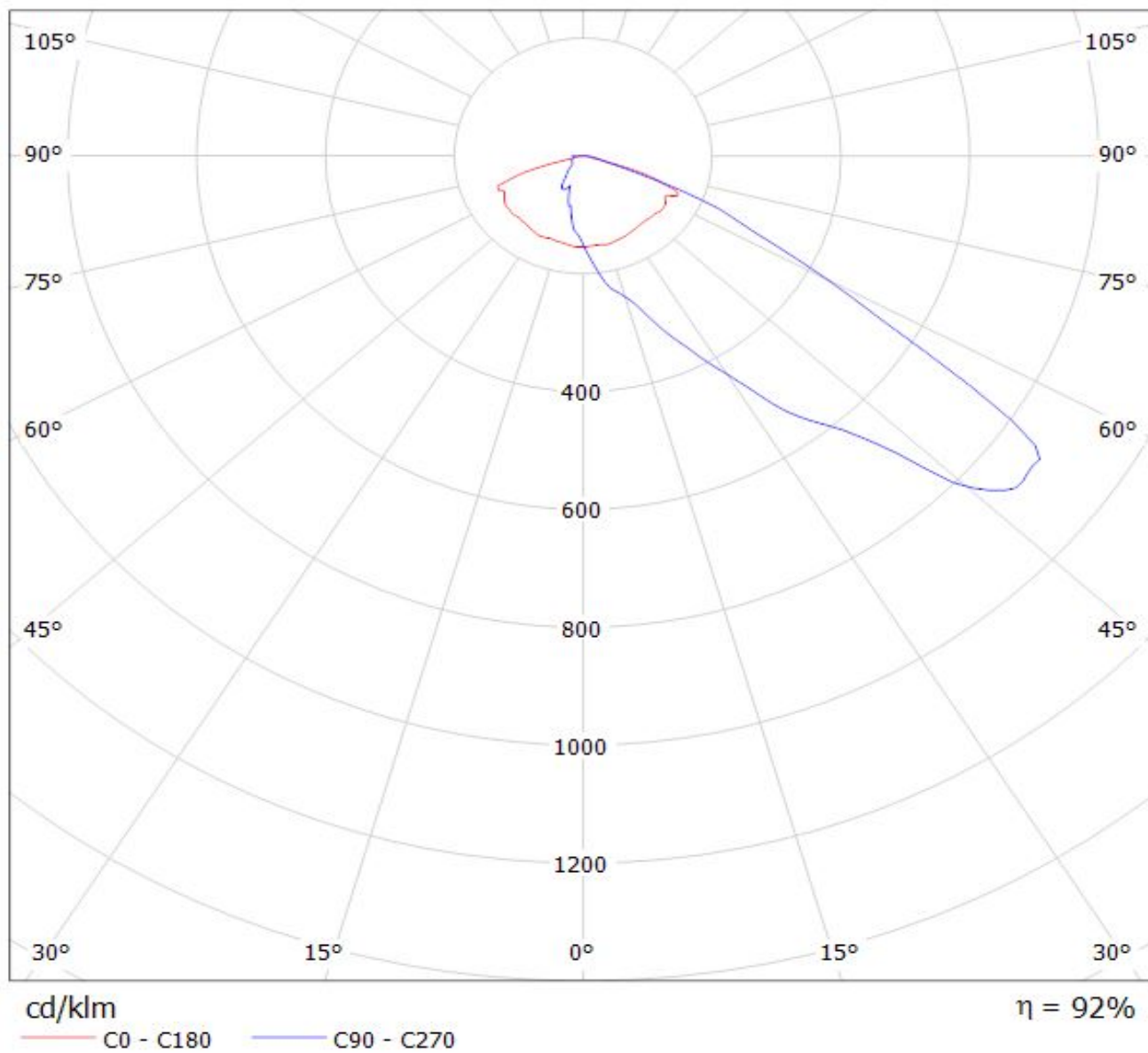


cd/klm

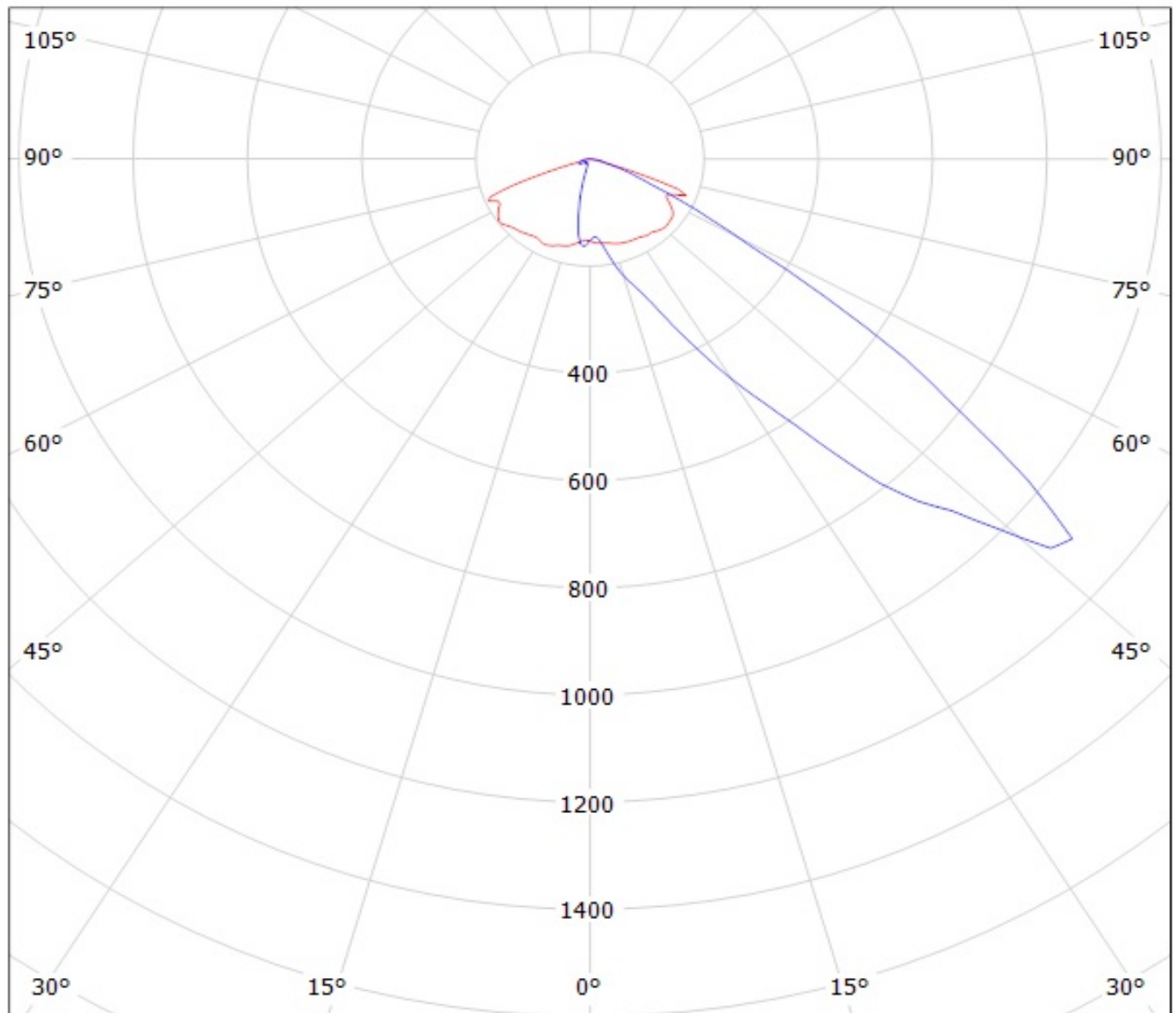
— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy C13896_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA

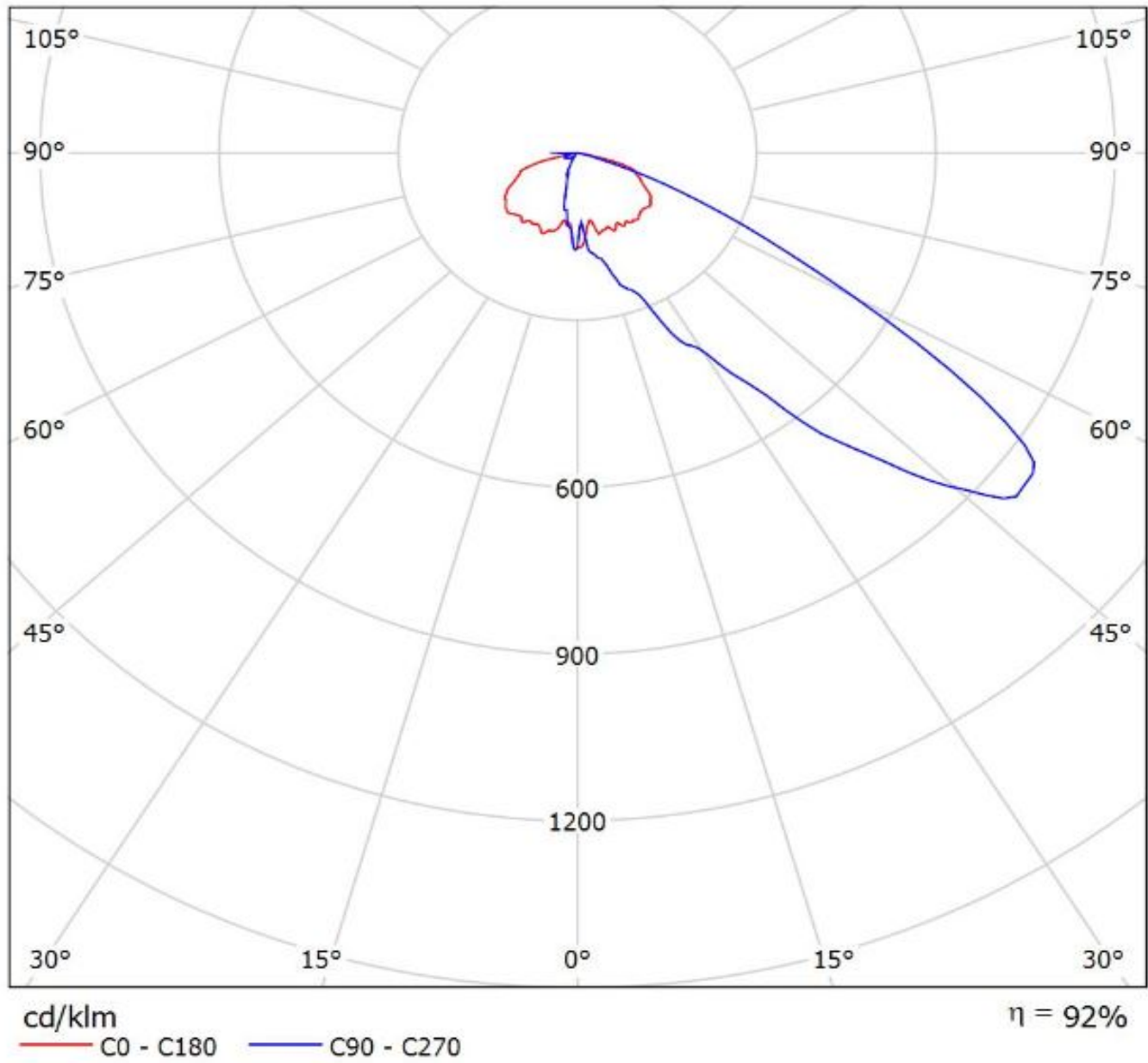


Luminaire: LEDil Oy C13896_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: Ledil Oy C13896_STRADA-SQ-FS_NFMW488AR_SIMULATED
Lamps: 1 x NICHIA NFMW488AR



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.