

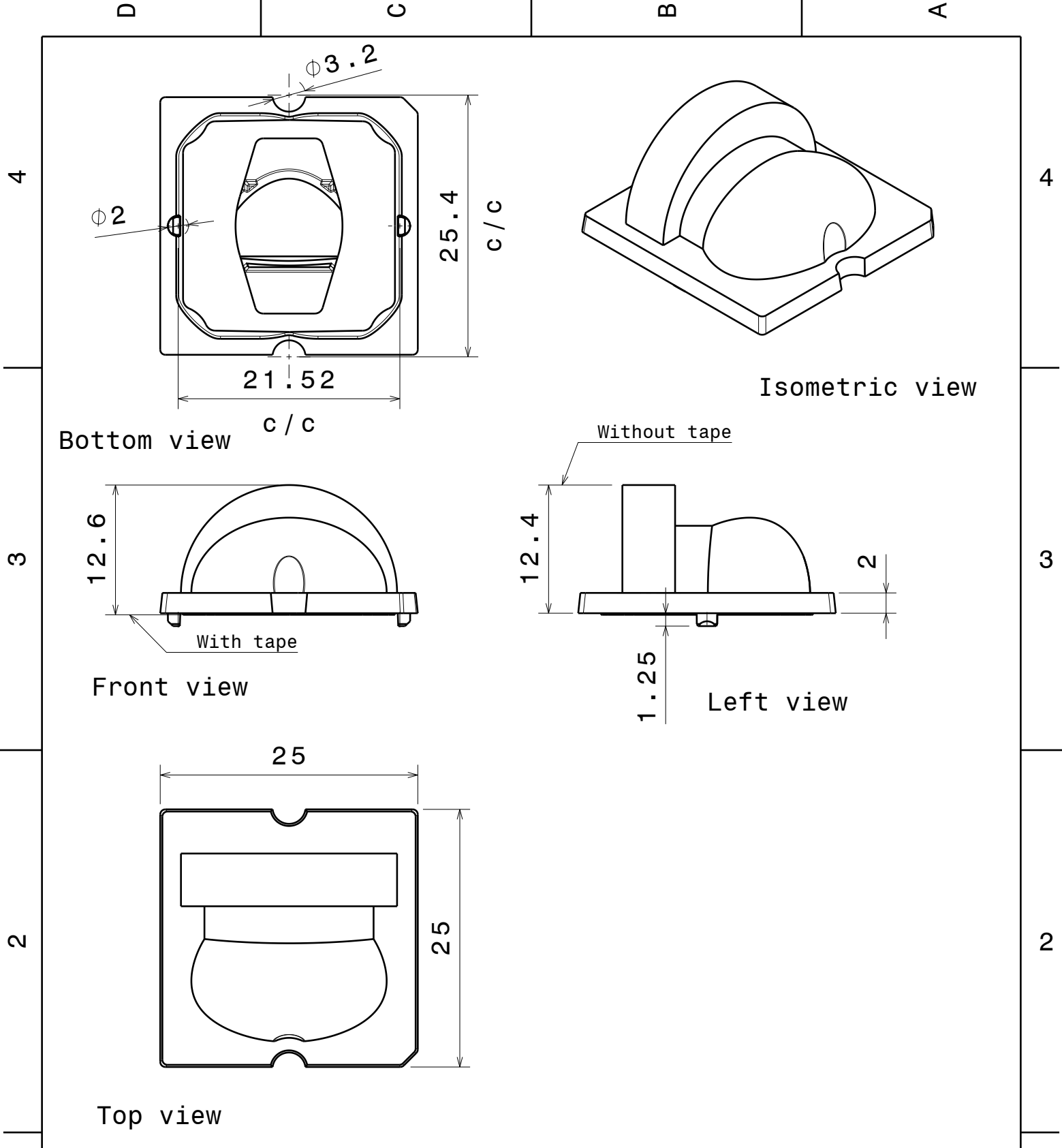
DETAILS

Product Number	CA13897_STRADA-SQ-FS
Family	Strada-SQ
Type	Lens
Color	clear
Diameter	25x25 mm
Height	12,6 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	7/10/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
MK-R	Asymmetric deg	Asymmetric	93 %	0.900	-
LUXEON M	Asymmetric deg	Asymmetric	92 %	0.900	-
XHP70	Asymmetric deg	Asymmetric	80 %	0.620	: Protective Plate, Glass
XP-L	Asymmetric deg	Asymmetric	93 %	1.100	-
MHB-A	sim: Asym	Asymmetric	-	sim: 0.000	-
LUXEON MZ	Asym deg	Asymmetric	94 %	1.200	-
XHP50	Asymmetric deg	Asymmetric	93 %	0.920	-
XT-E	Asymmetric deg	Asymmetric	93 %	1.200	-
XM-L	Asymmetric deg	Asymmetric	93 %	1.200	-

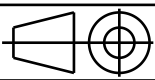


Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class M, otherwise class C.
 According to DIN ISO 2768-2
 Form and position: class L



Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE
STRADA-SQ-FS

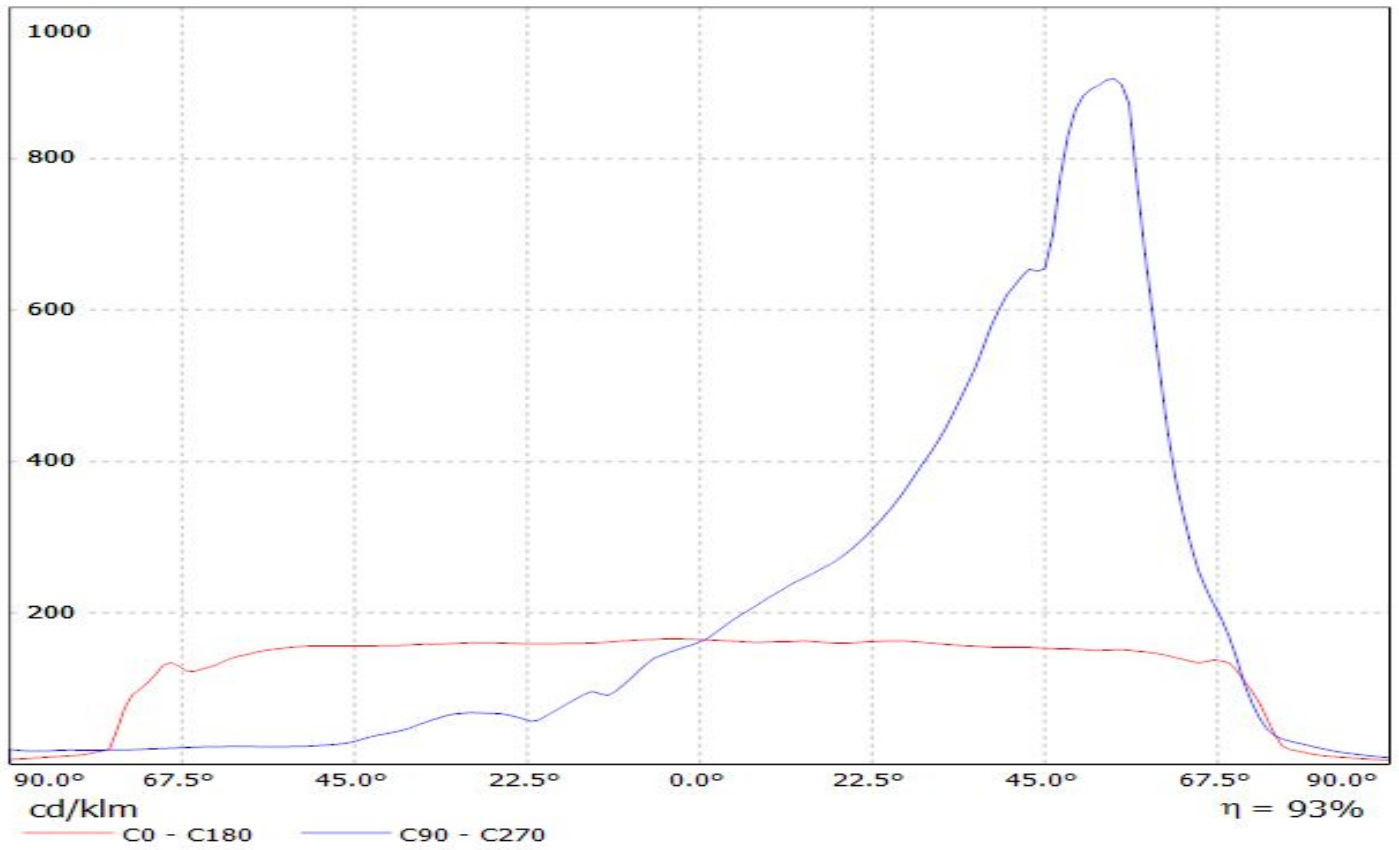
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	-

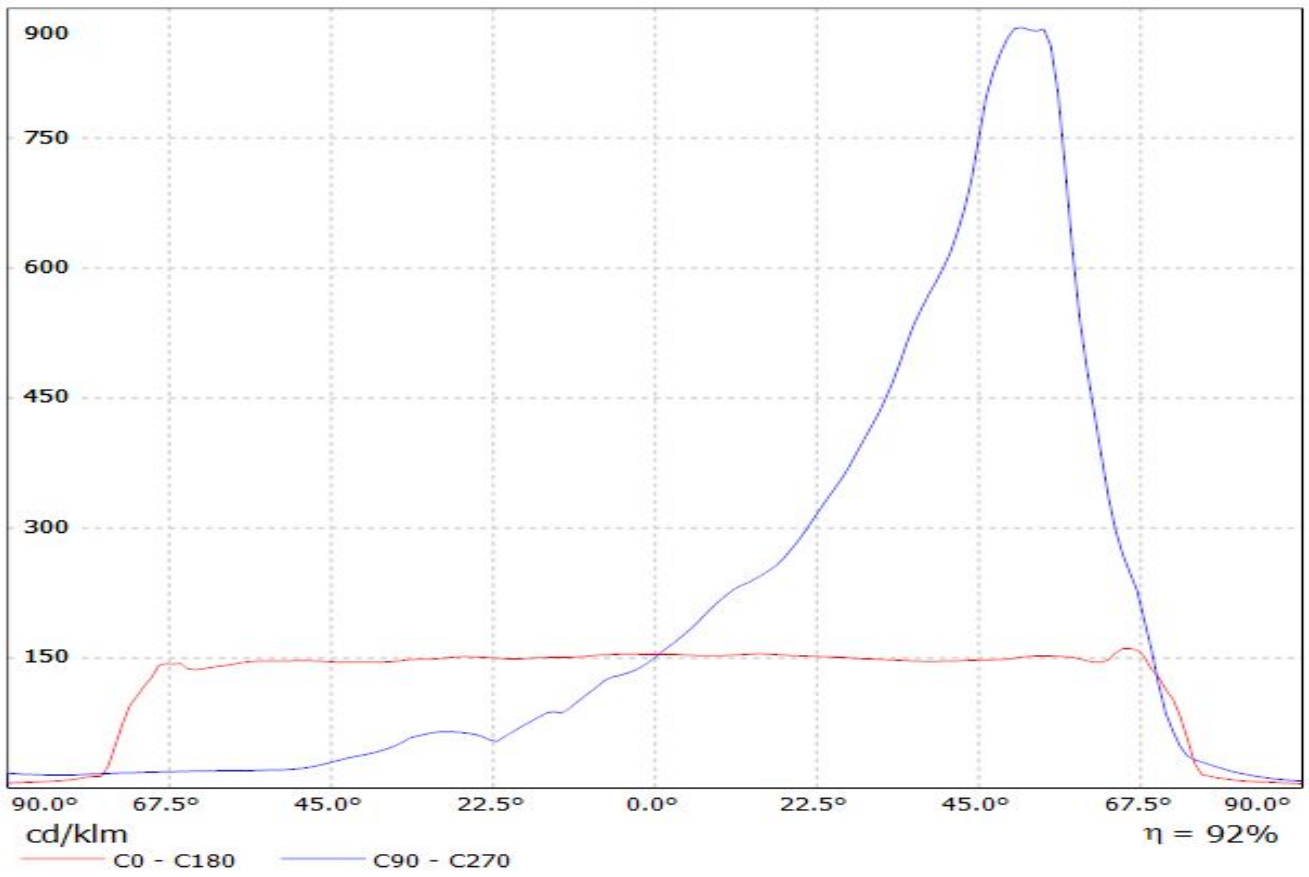
SCALE	2:1	WEIGHT	- g	SHEET	1/1
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LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Linear)

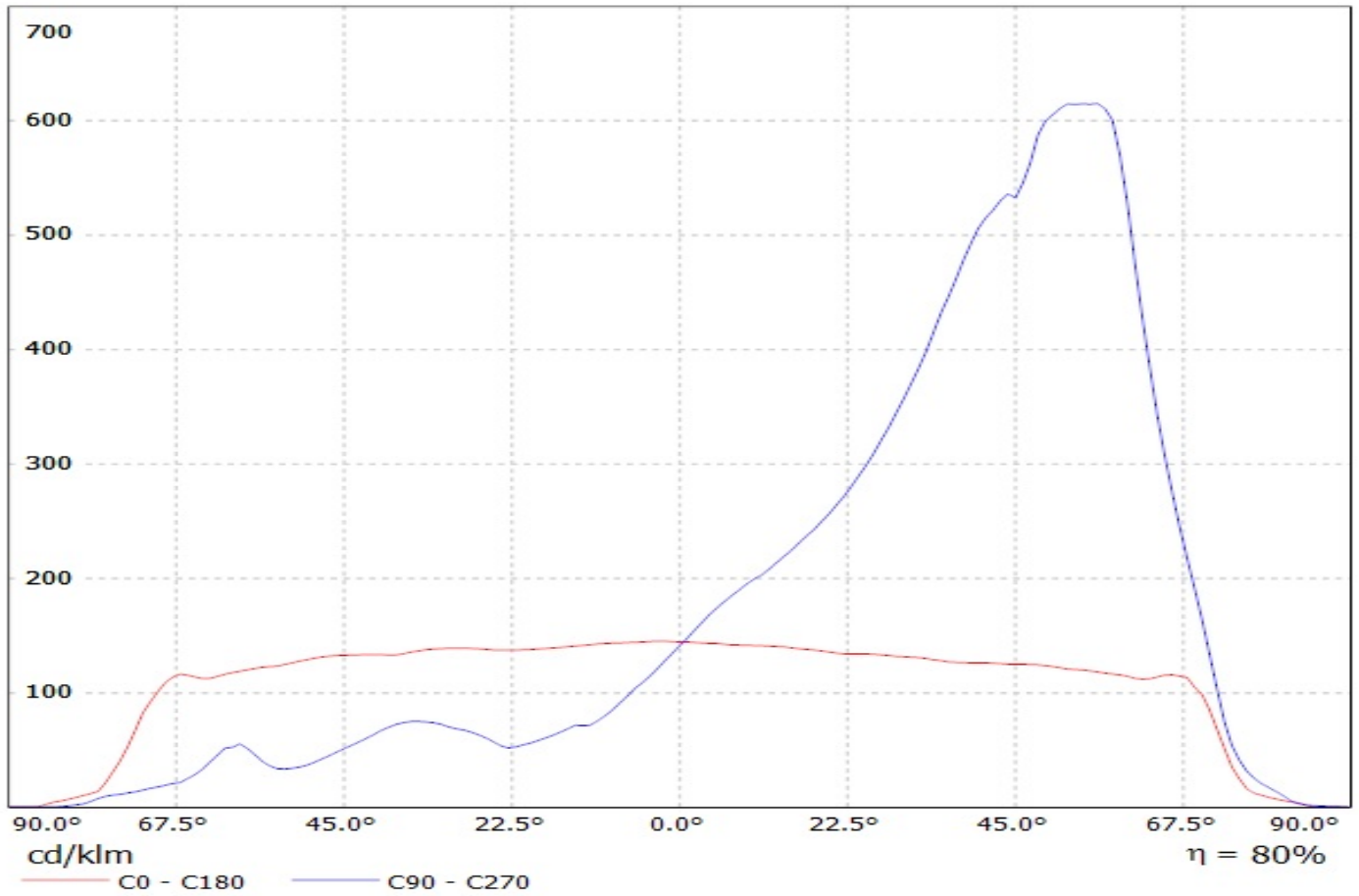
Luminaire: LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6%
Lamps: 1 x CREE_MK-R_358.348lm@250mA_P=2.84311W_I=249.9mA



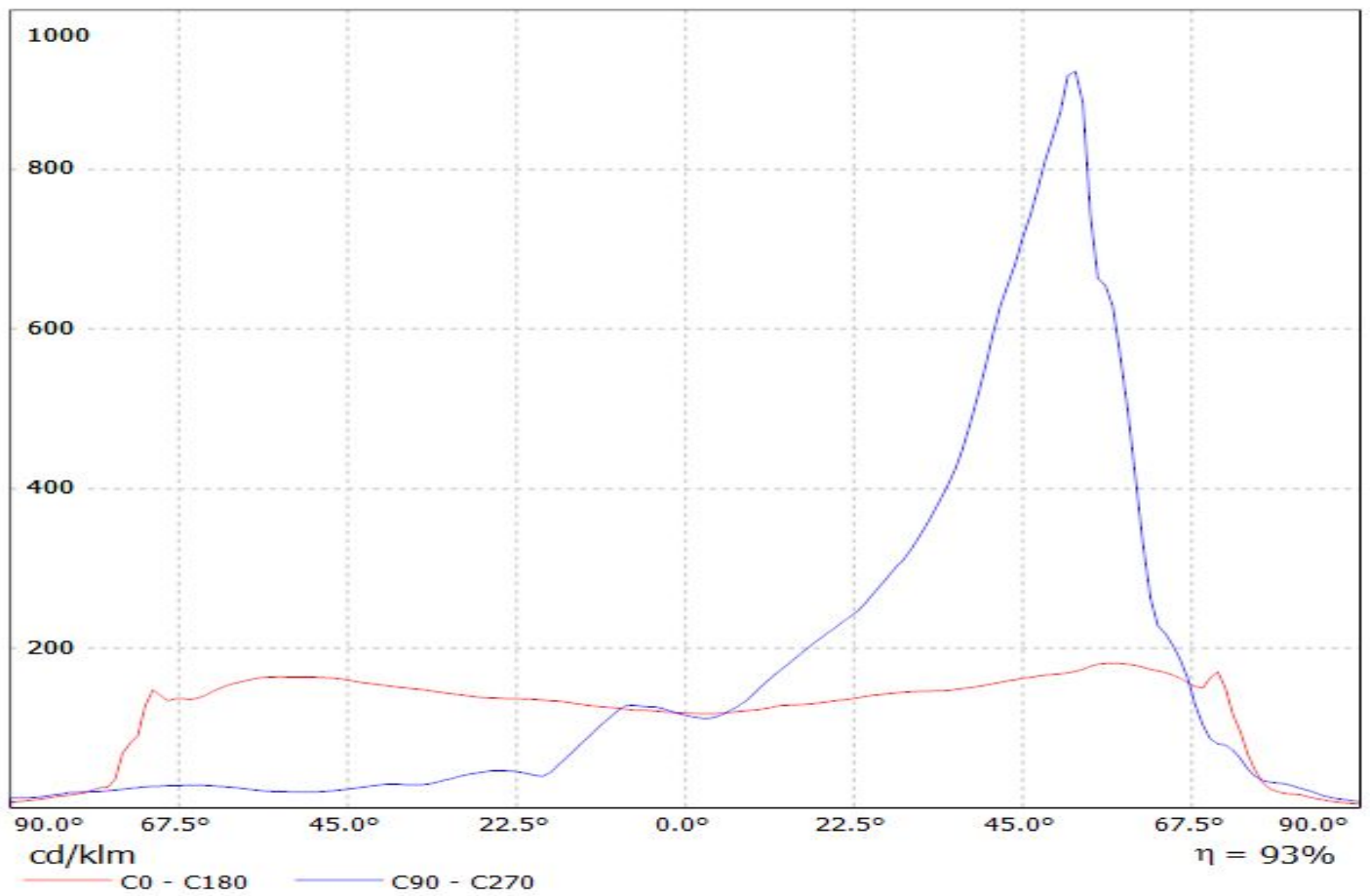
Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA



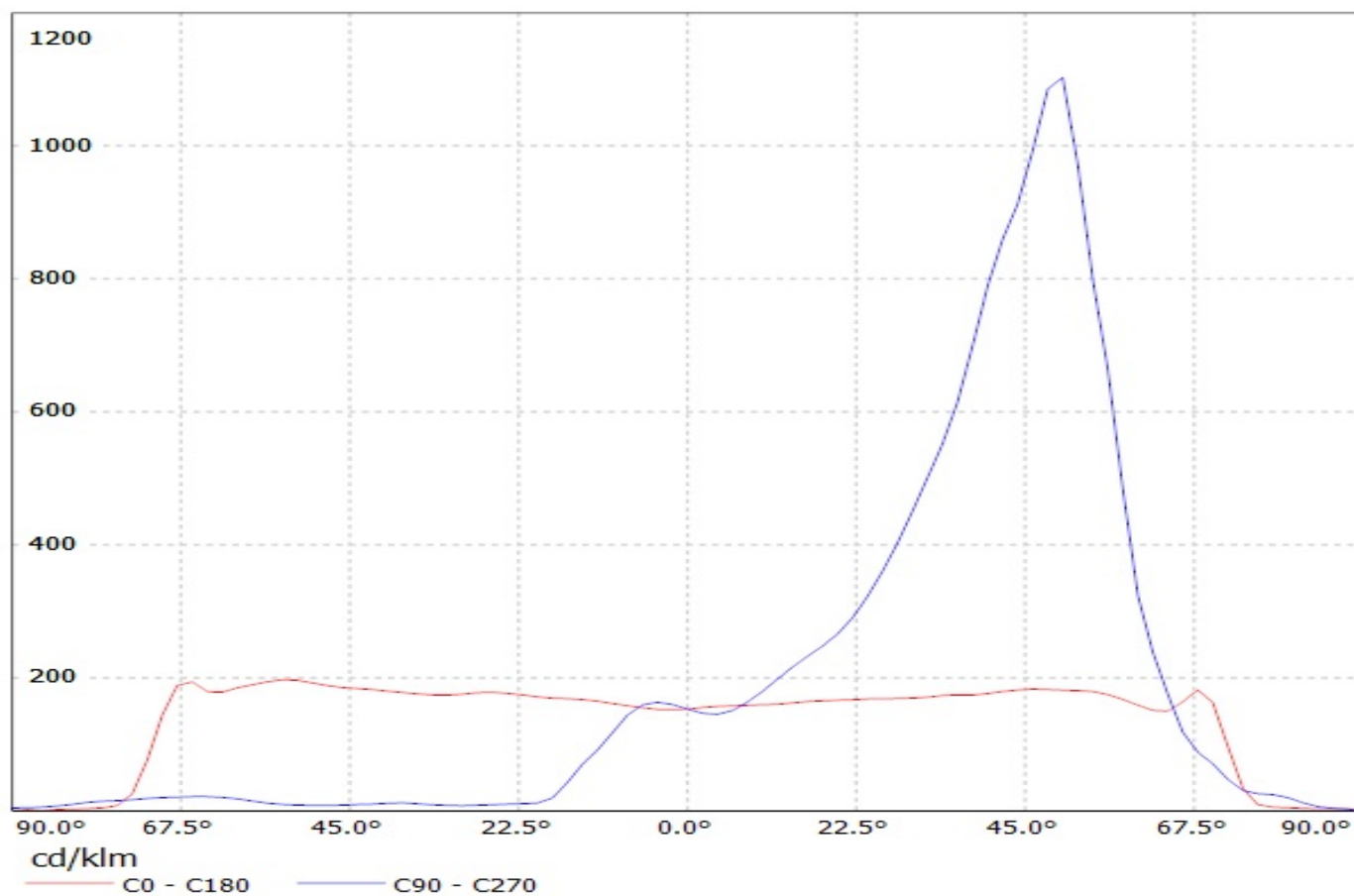
Luminaire: LEDiL Oy CA13897 STRADA-SQ-FS_(XHP70)_glass
Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A



Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(XP-L)
Lamps: 1 x Cree_XP-L_125.481lm@250mA_P=0.737584W_I=249.9mA

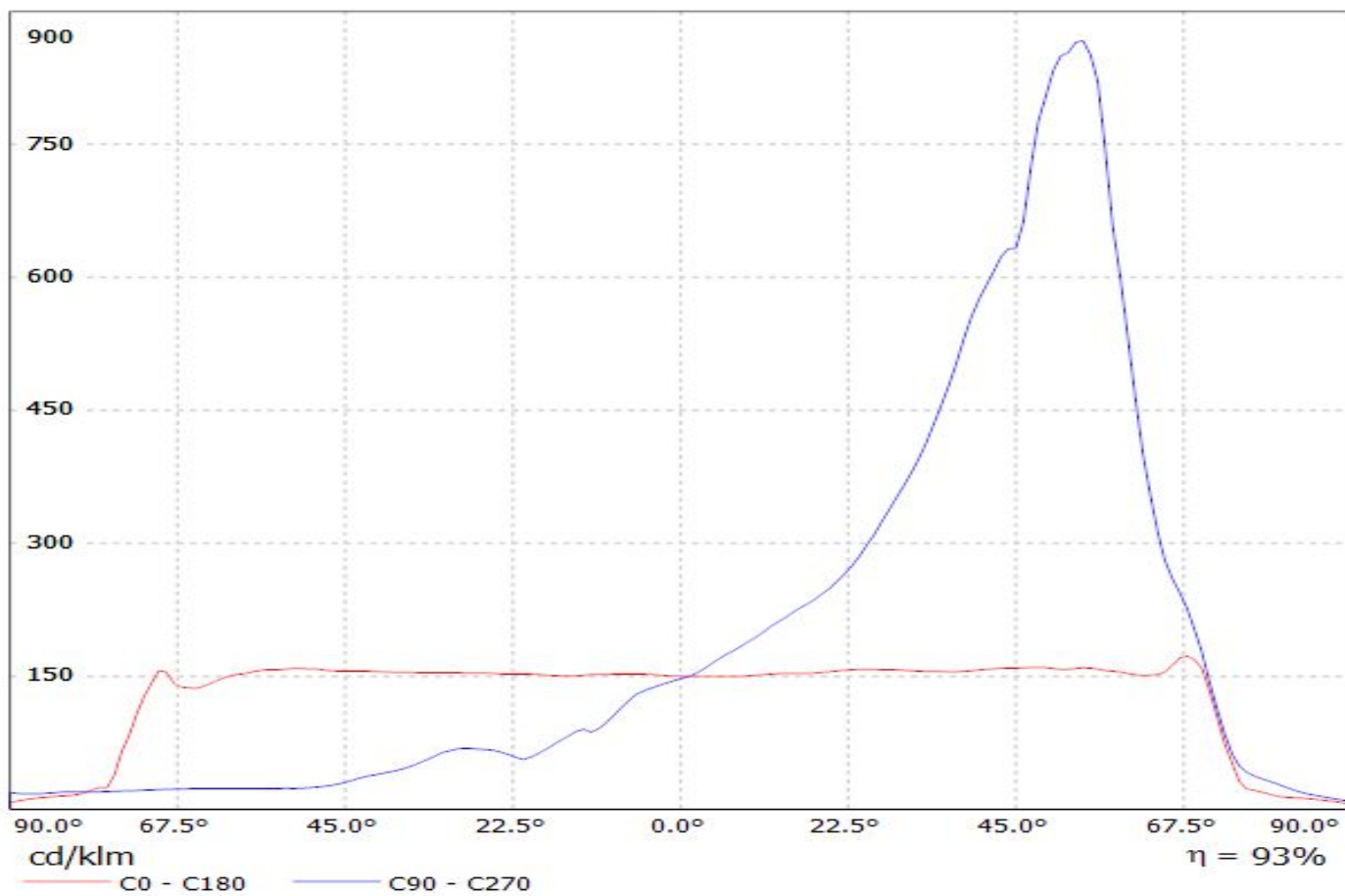


Luminaire: LEDil Oy CA13897_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



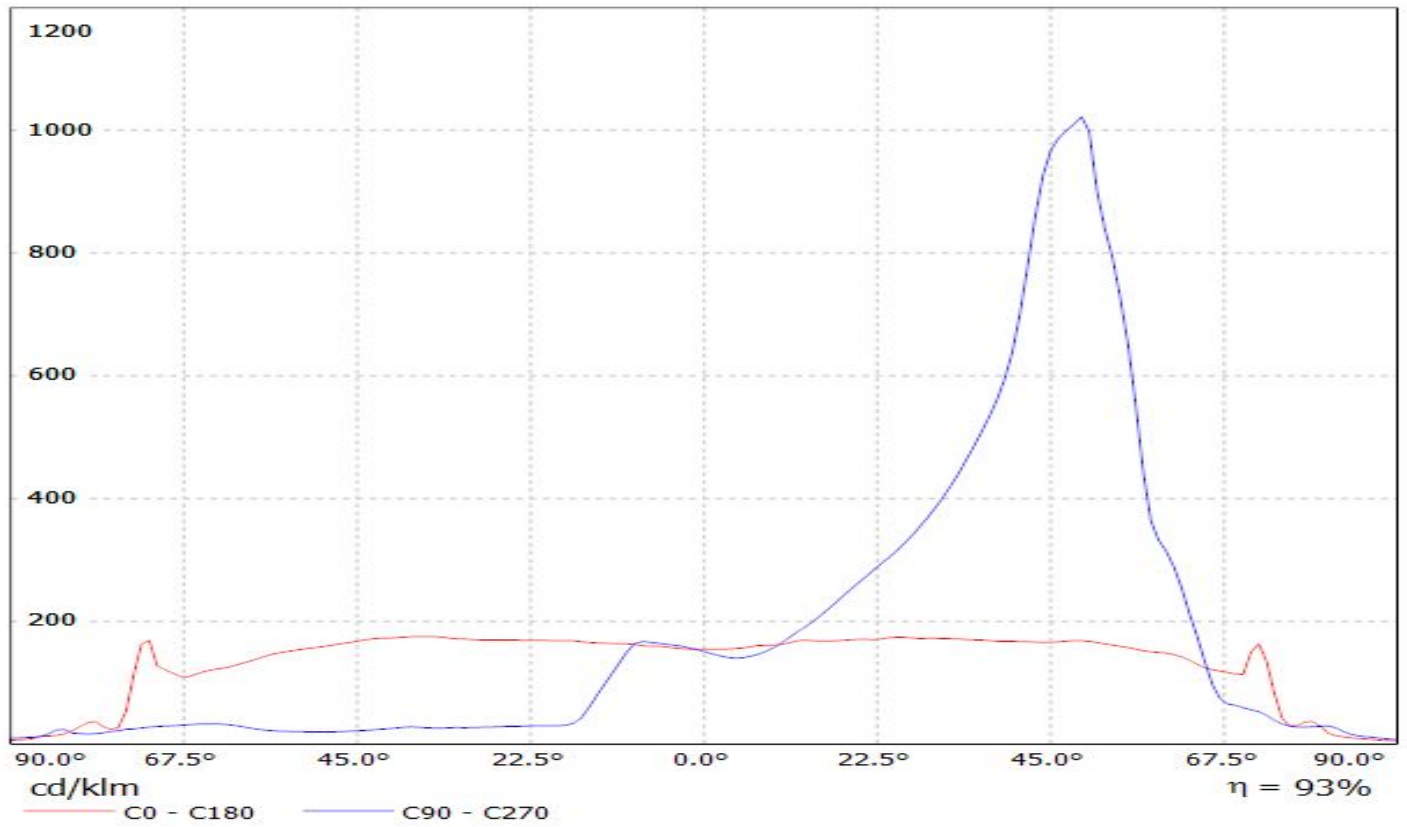
Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(CREE_XHP50_COOL_WHITE)

Lamps: 1 x CREE_XHP50_COOL_WHITE_242.068lm@250mA_CCT=COOLWHITE_I=02499mA_P=1.4295i



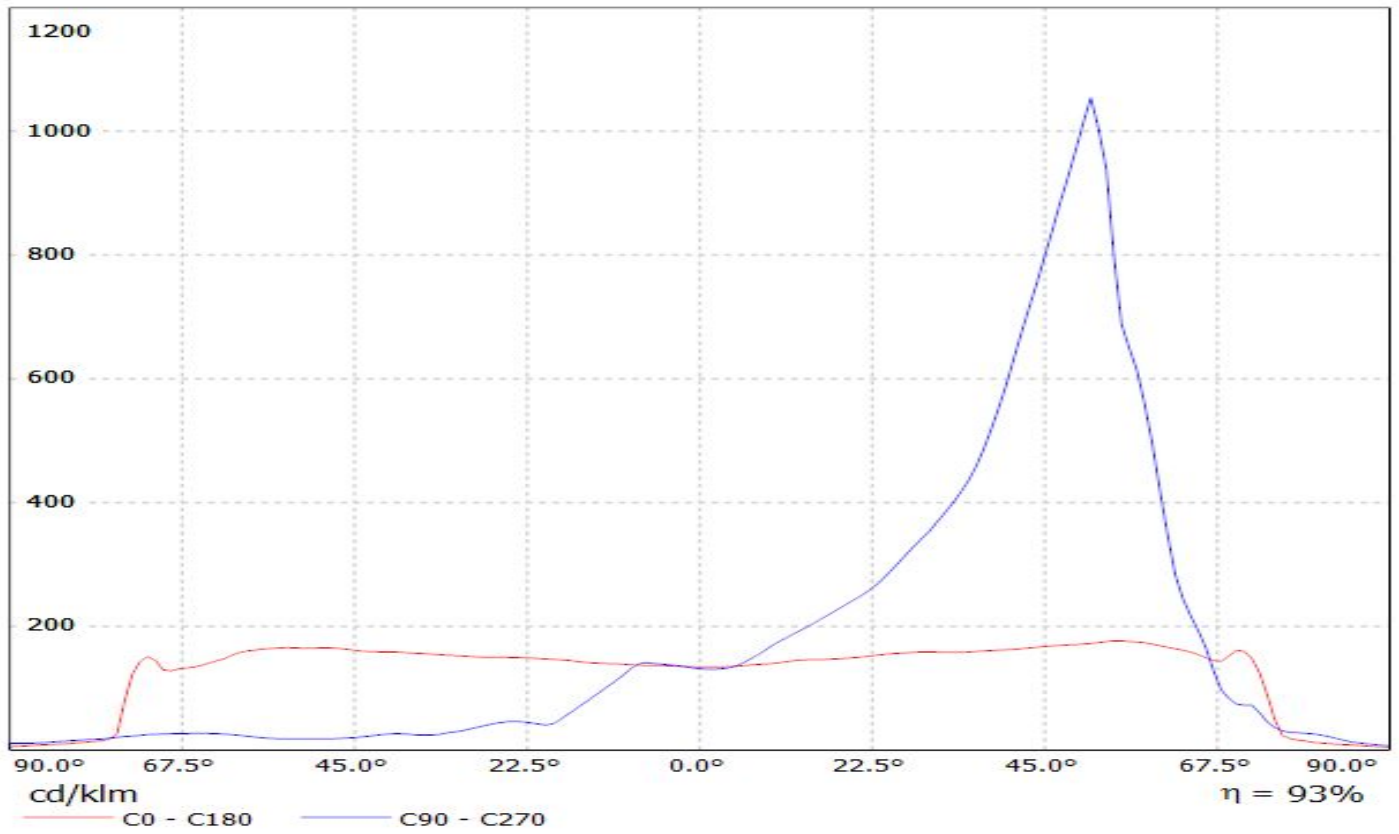
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XT-E) Eff.93.0% / LDC (Linear)

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



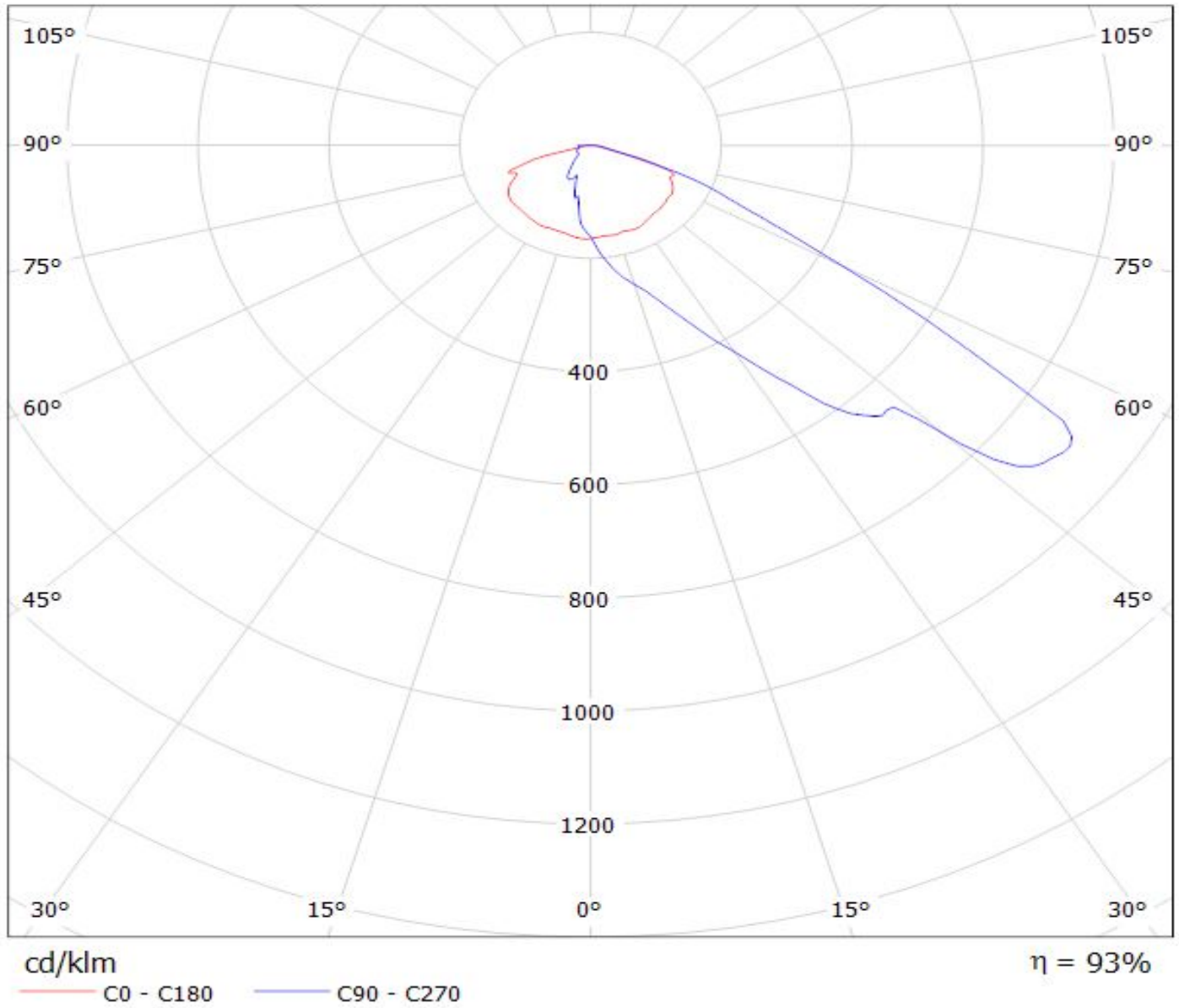
LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Linear)

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

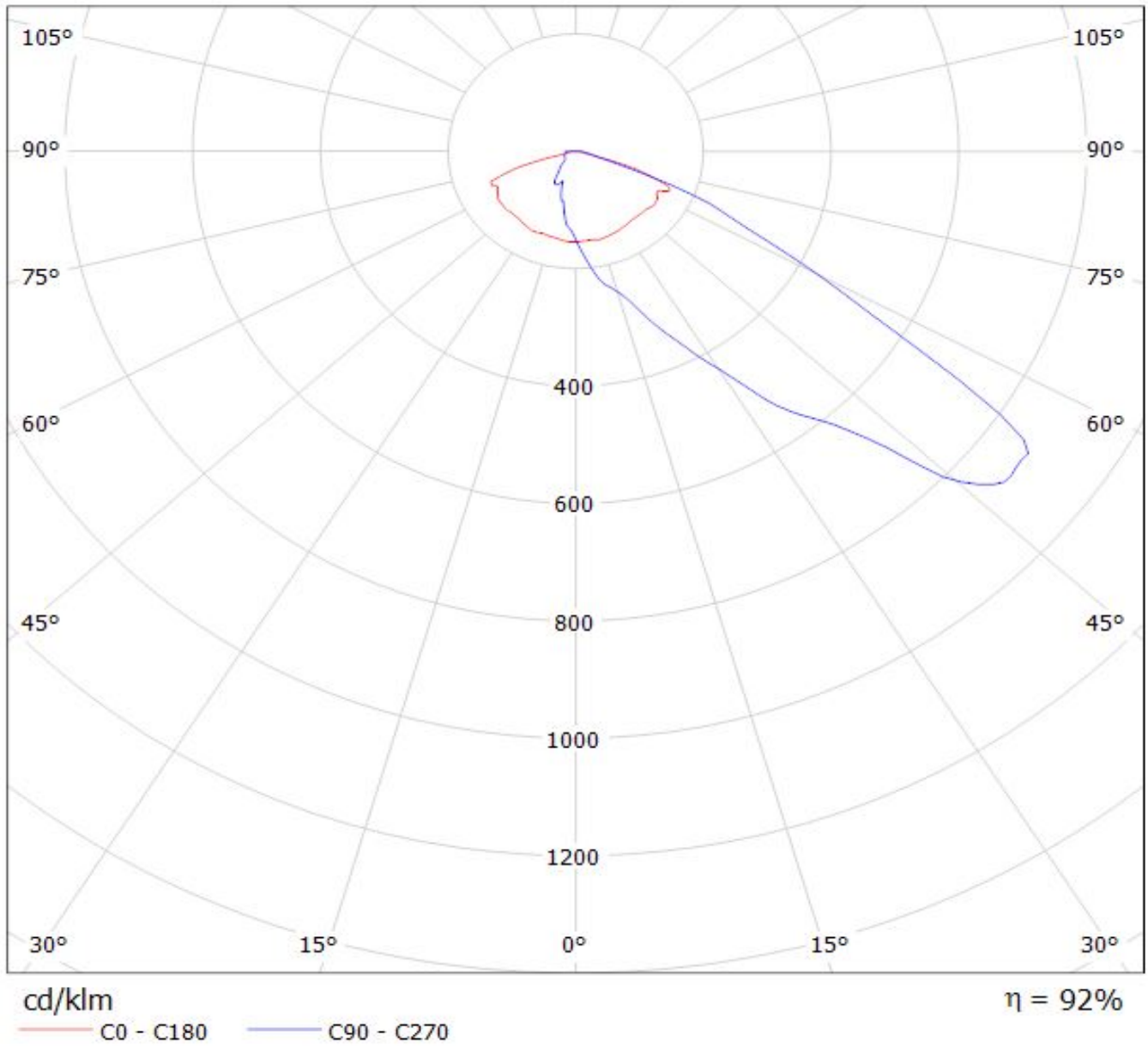


LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(MK-R) Eff.92.6% / LDC (Polar)

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

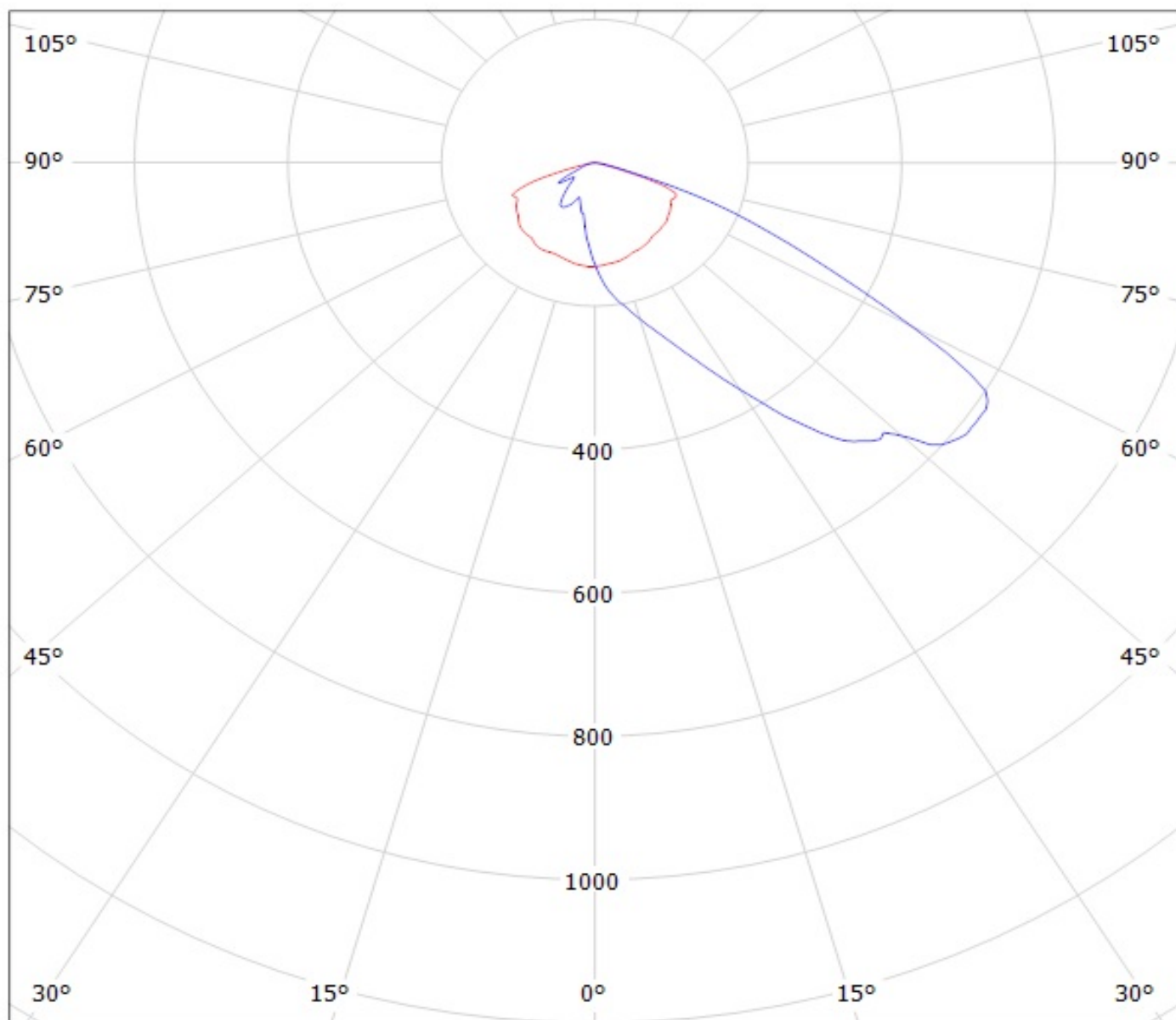


Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(LUXEON_M) Eff.92.4%
Lamps: 1 x LUXEON_M_349.54lm@250mA_CCT=4092K_P=2.72807W_I=249.8mA



Luminaire: LEDiL Oy CA13897 STRADA-SQ-FS_(XHP70)_glass

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



cd/klm

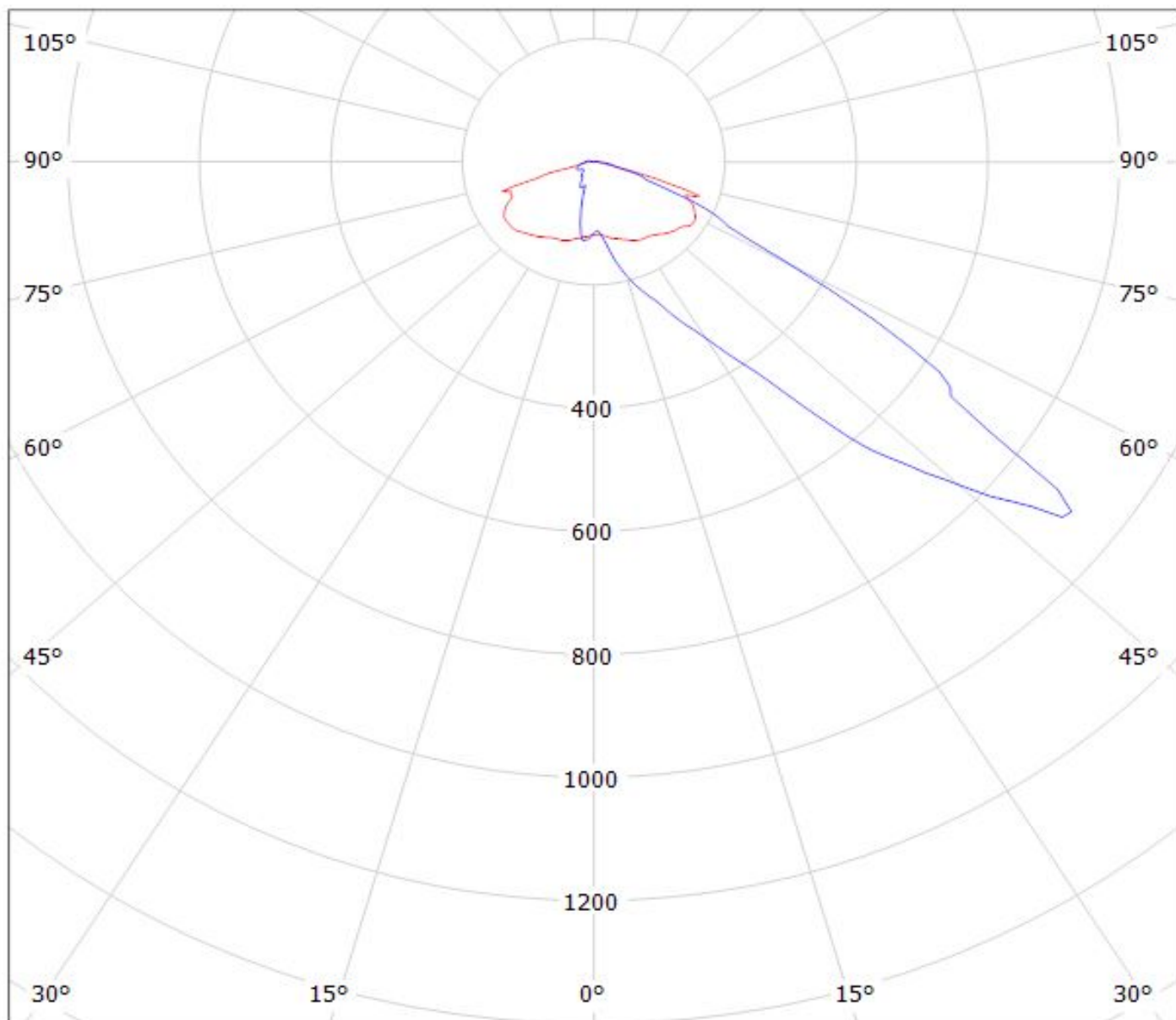
$\eta = 80\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(XP-L)

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



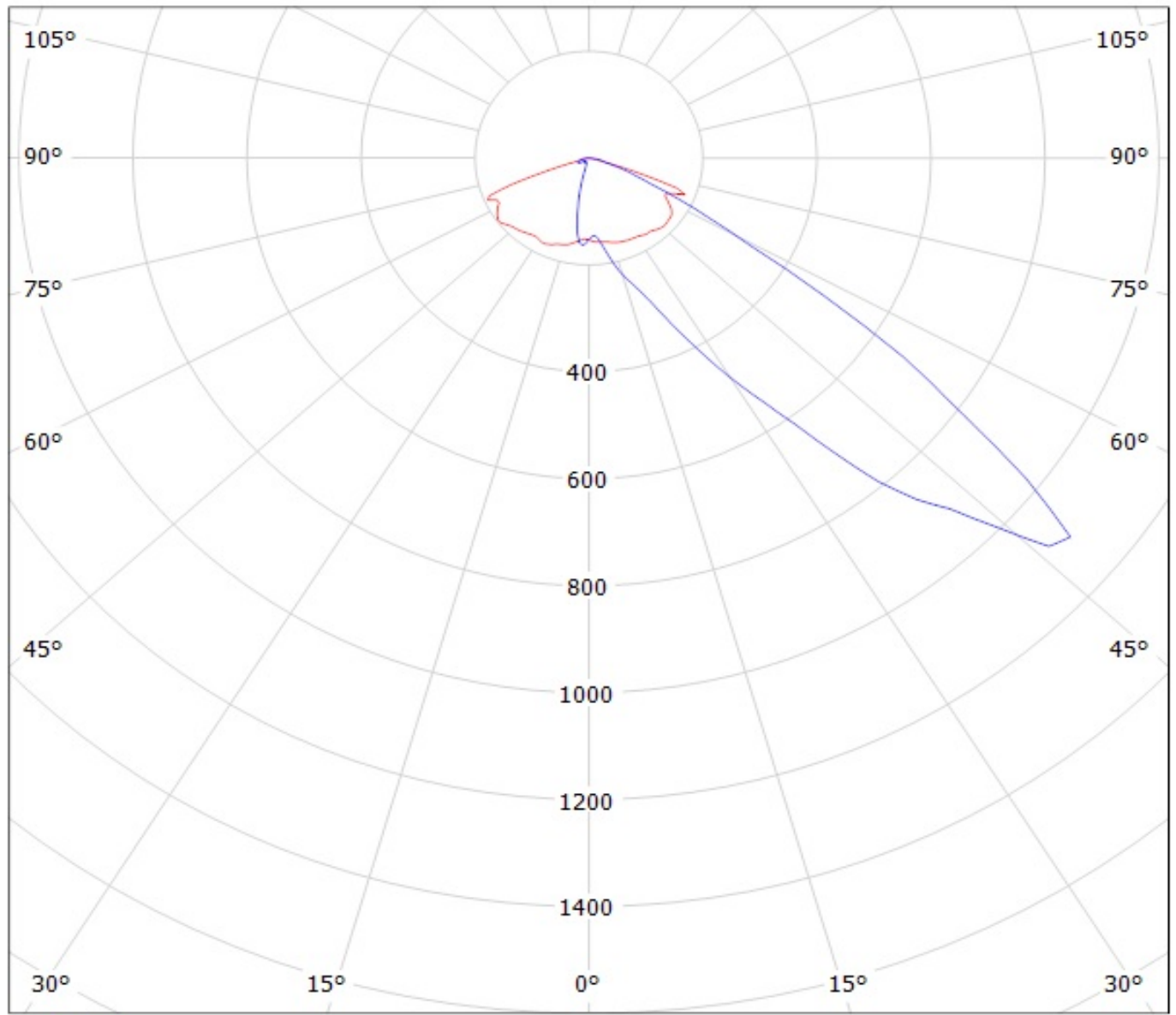
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDil Oy CA13897_STRADA-SQ-FS_(Luxeon_MZ) Efficiency=94%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA

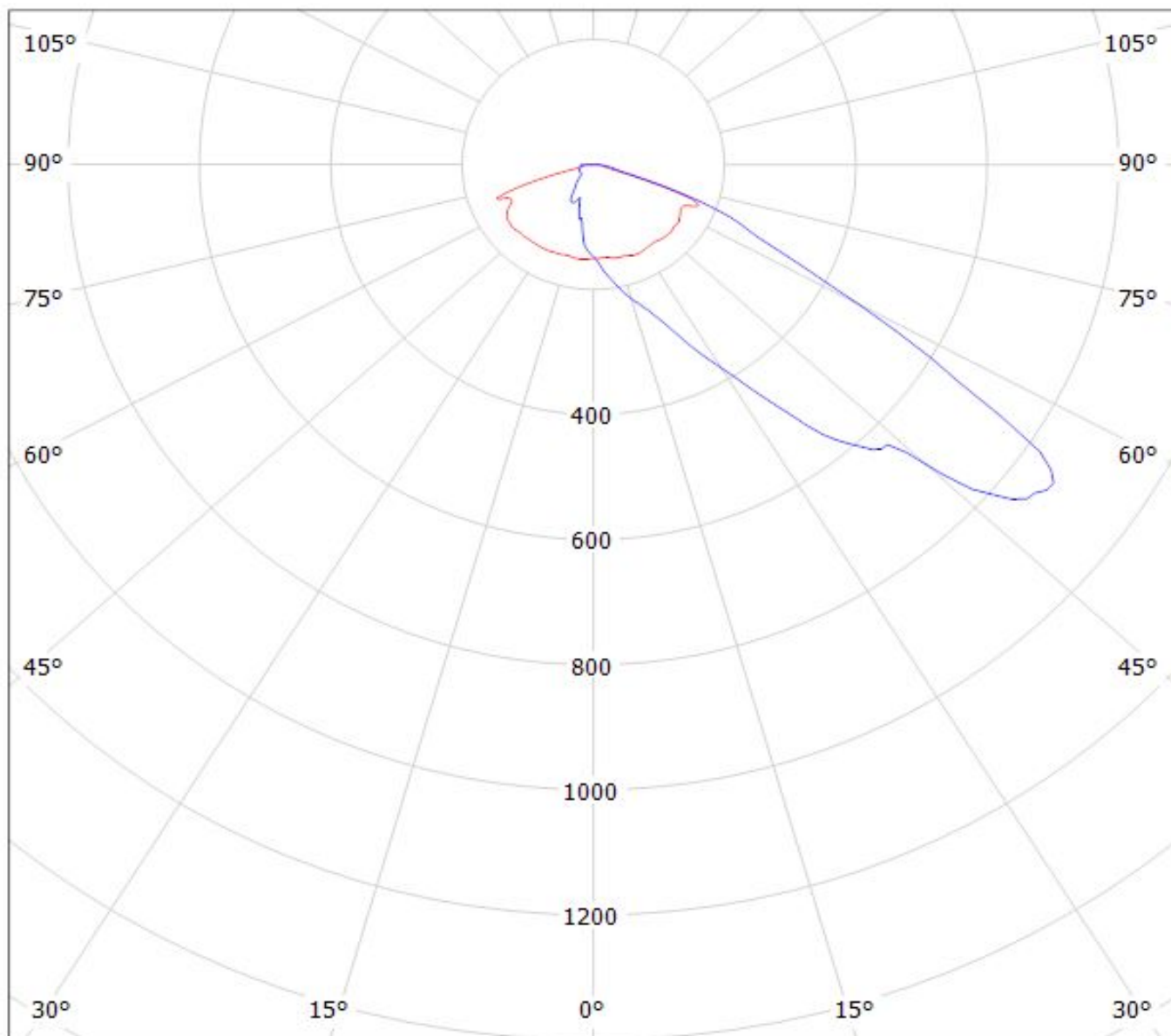


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA13897_STRADA-SQ-FS_(CREE_XHP50_COOL_WHITE)

Lamps: 1 x CREE_XHP50_COOL_WHITE_242.068lm@250mA_CCT=COOLWHITE_I=02499mA_P=1.42958



cd/klm

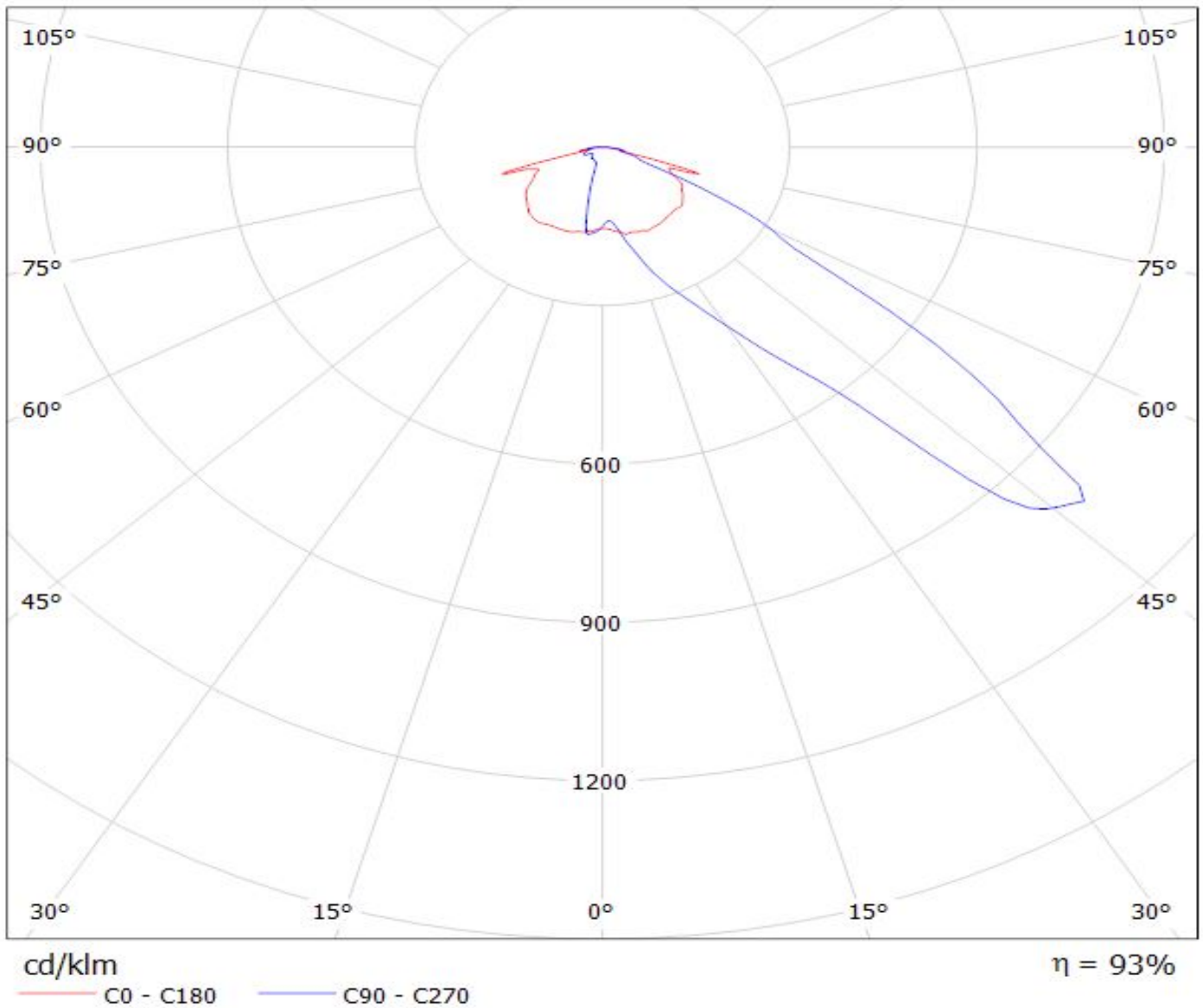
— C0 - C180

— C90 - C270

η = 93%

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

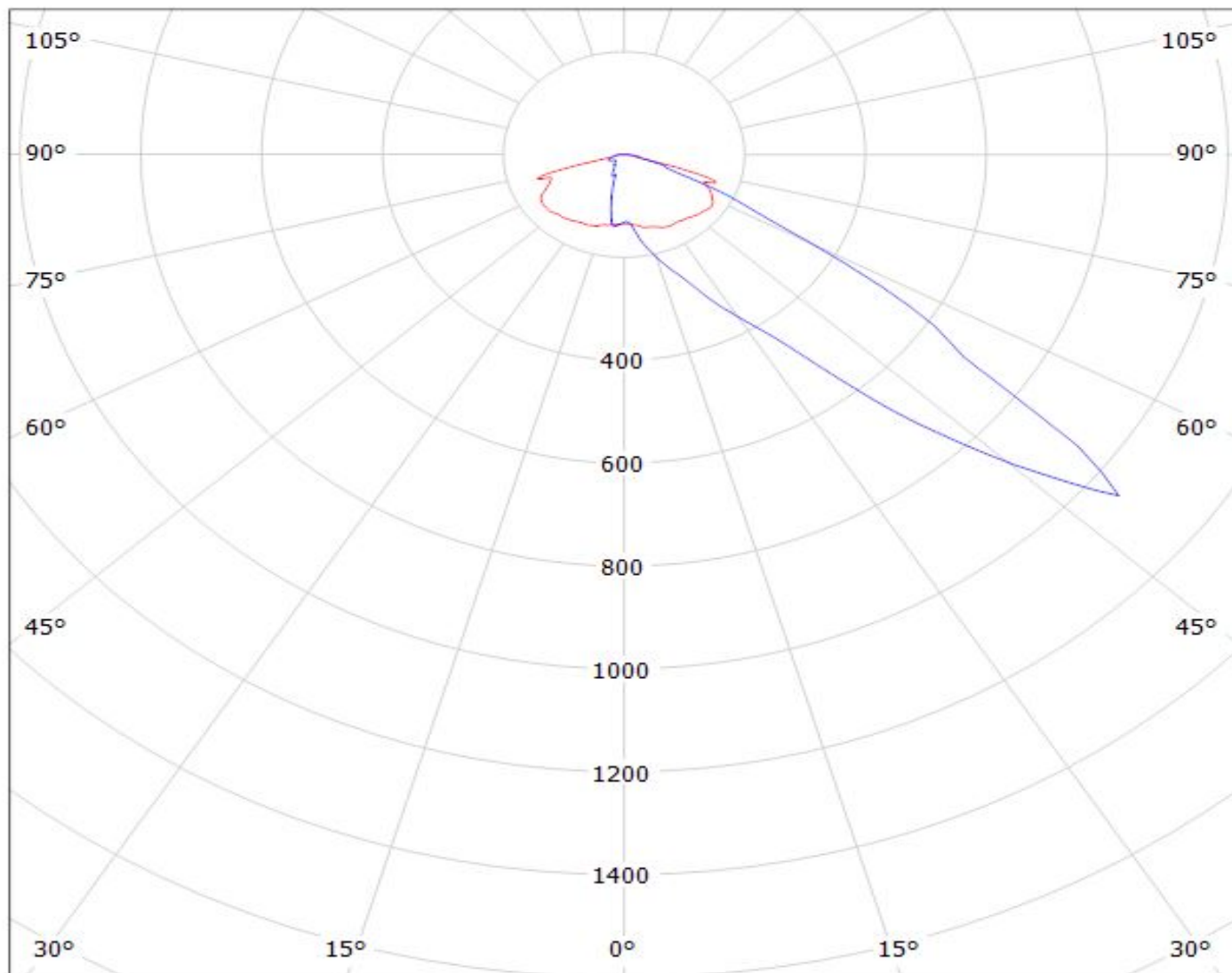


LEDiL Oy C13896/CA13897_STRADA-SQ-FS_(XM-L) Eff.93.1% / LDC (Polar)

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

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.