

DETAILS

Product Number	C13508_STRADA-SQ-T2
Family	Strada-SQ
Type	Lens
Color	clear
Diameter	25 x 25 mm
Height	8,6 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, glue, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	11/08/2015



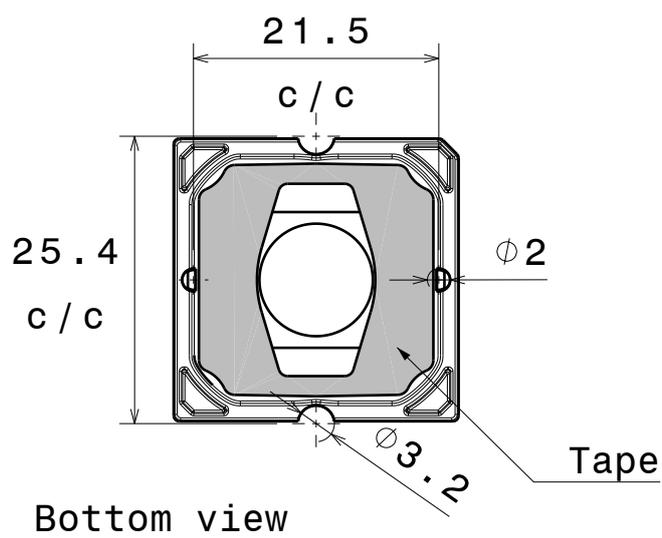
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
MK-R	Asymmetric deg	Asymmetric	94 %	0.600	-
XM-L2	sim: Asymmetric	Asymmetric	-	-	-
MHB-A	sim: Asymmetric	Asymmetric	-	-	-
XHP50	Asymmetric deg	Asymmetric	94 %	0.710	-
LUXEON M	Asymmetric deg	Asymmetric	93 %	0.700	-
LUXEON MZ	asymmetric deg	Asymmetric	94 %	1.270	-
NS9x383	Asymmetric deg	Asymmetric	94 %	1.100	-
NFMW48xA	Asymmetric deg	Asymmetric	94 %	0.830	-
Duris S8	sim: Asymmetric	Asymmetric	sim: 92 %	-	-

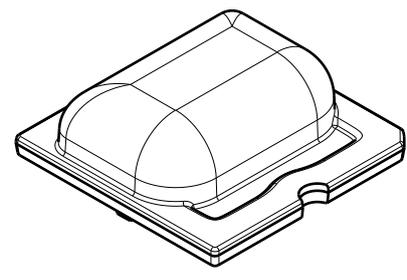
D C B A

4

4



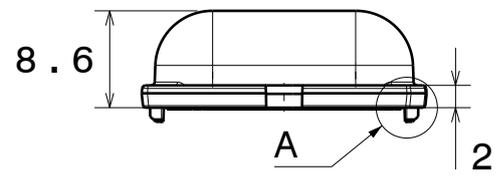
Bottom view



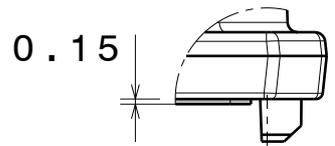
Isometric view

3

3



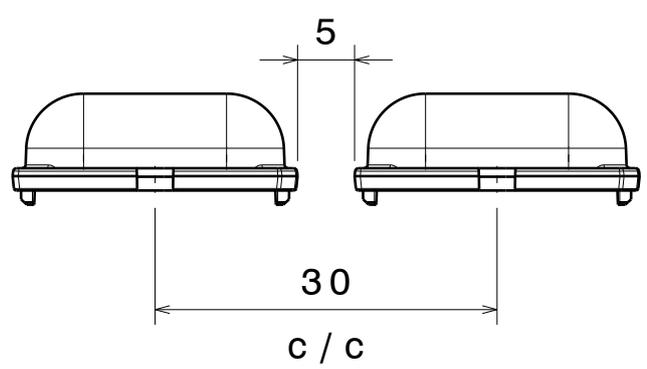
Front view



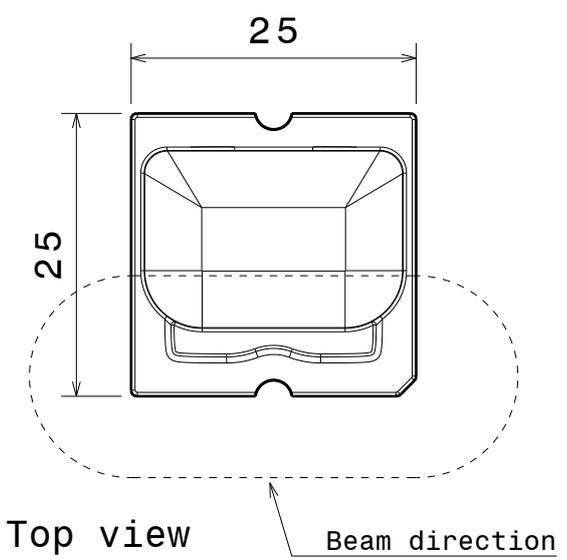
Detail A

2

2



Minimum spacing



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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
STRADA-SQ-T2 Datasheet

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	3:2	WEIGHT	-	SHEET	1/1
-------	-----	--------	---	-------	-----

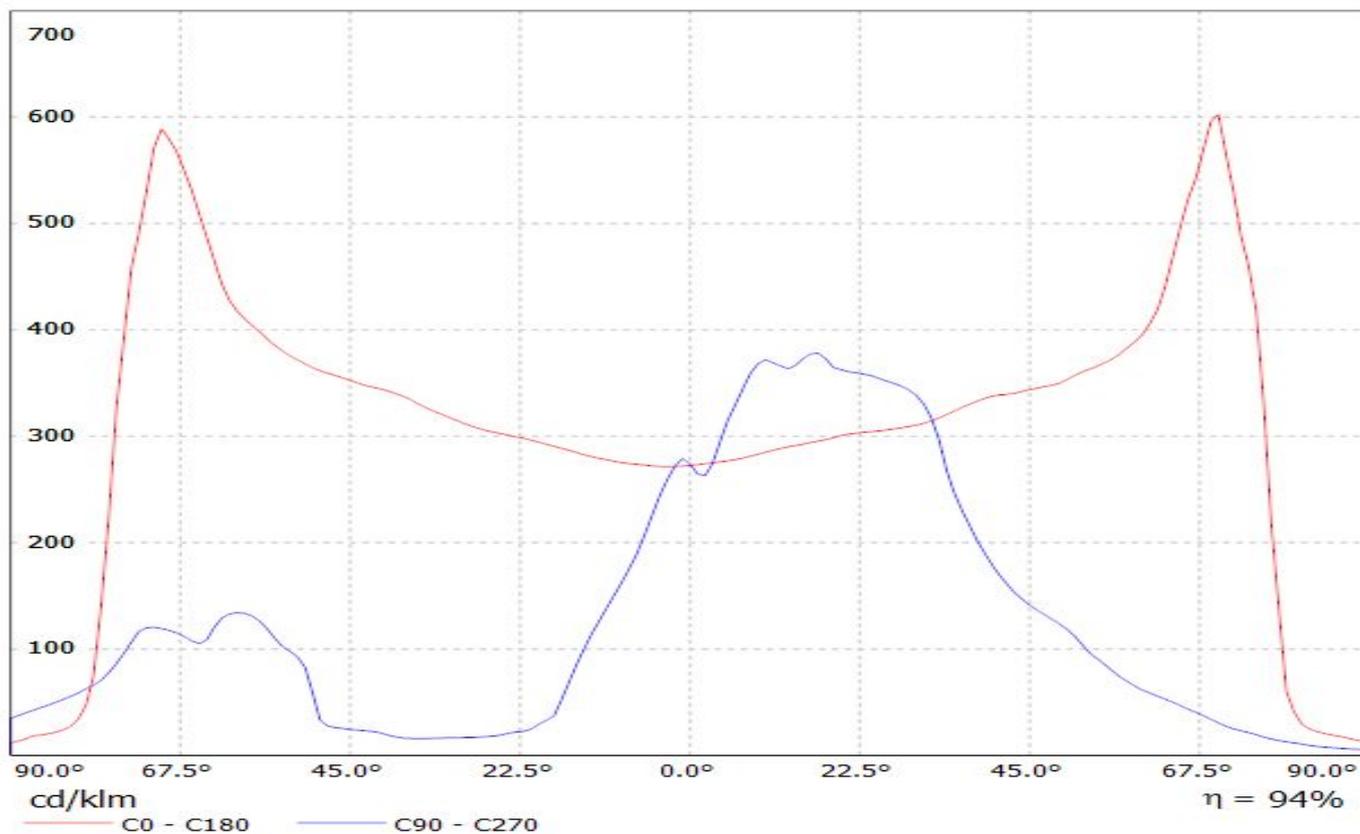
1

1

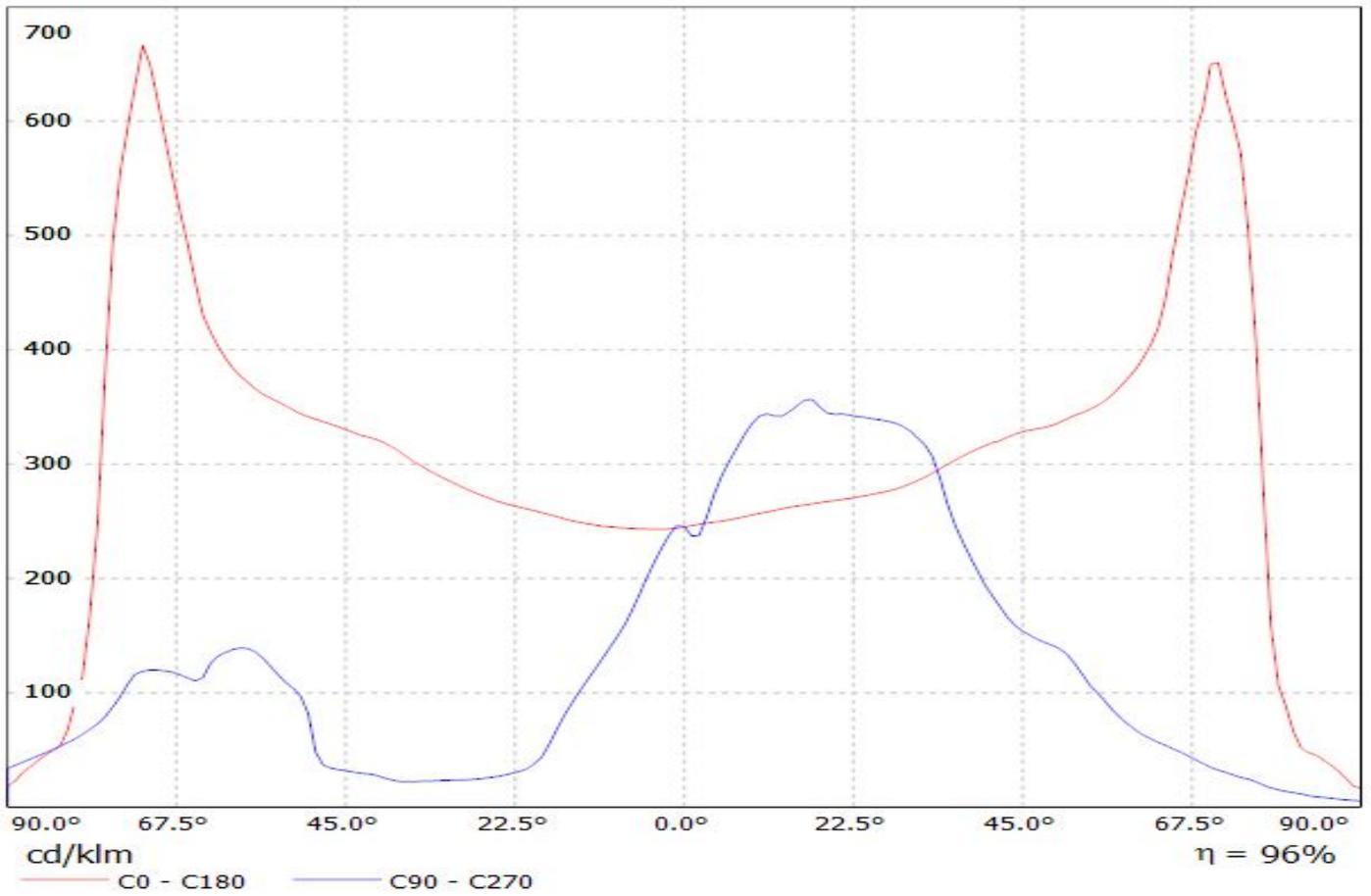
D A

LEDiL Oy C13508_STRADA-SQ-T2_(MK-R) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(MK-R) Eff.94.0%
Lamps: 1 x CREE_MK-R_357.146lm@250mA_P=2.83012W_I=249.9mA

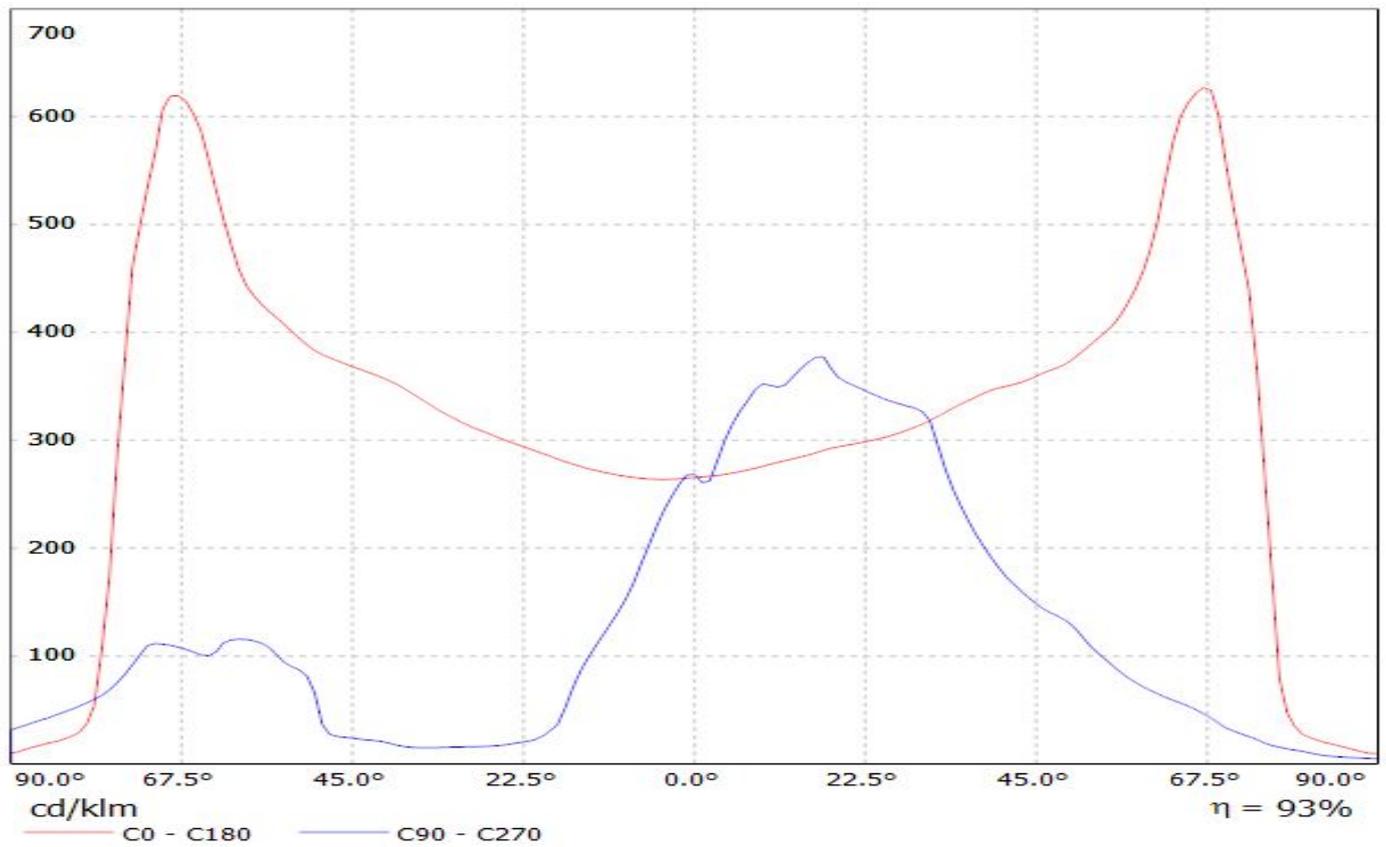


Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(XHP50 Cool white)
Lamps: 1 x XHP50 Cool white_244.744lm@250mA_P=1.42773W_I=0.2499A



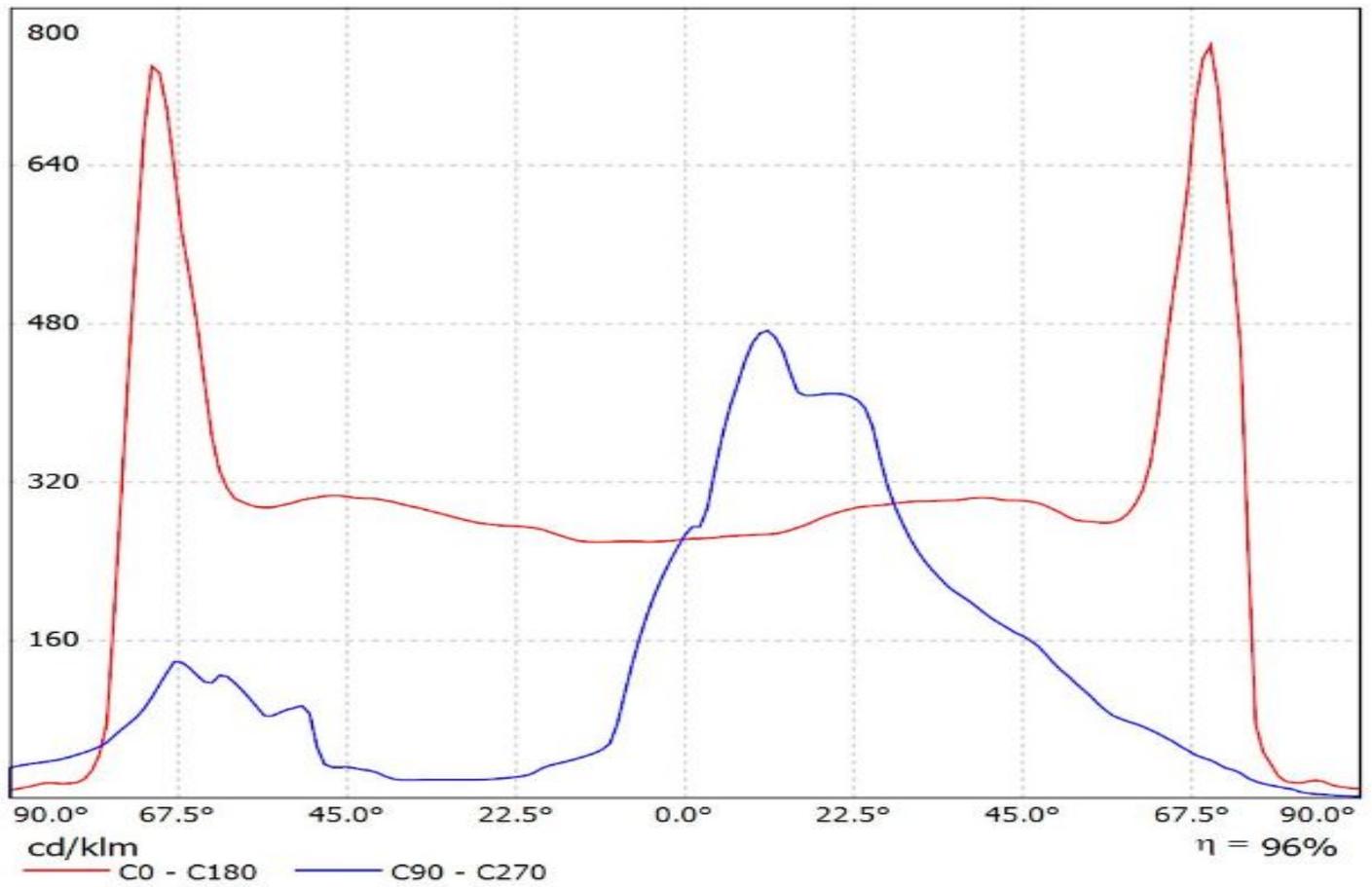
LEDiL Oy C13508_STRADA-SQ-T2_(Luxeon-M) Eff.93.3% / LDC (Linear)

Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(Luxeon-M) Eff.93.3%
Lamps: 1 x Luxeon-M_349.125lm@250mA_CCT=4092K_P=2.73041W_I=249.9mA



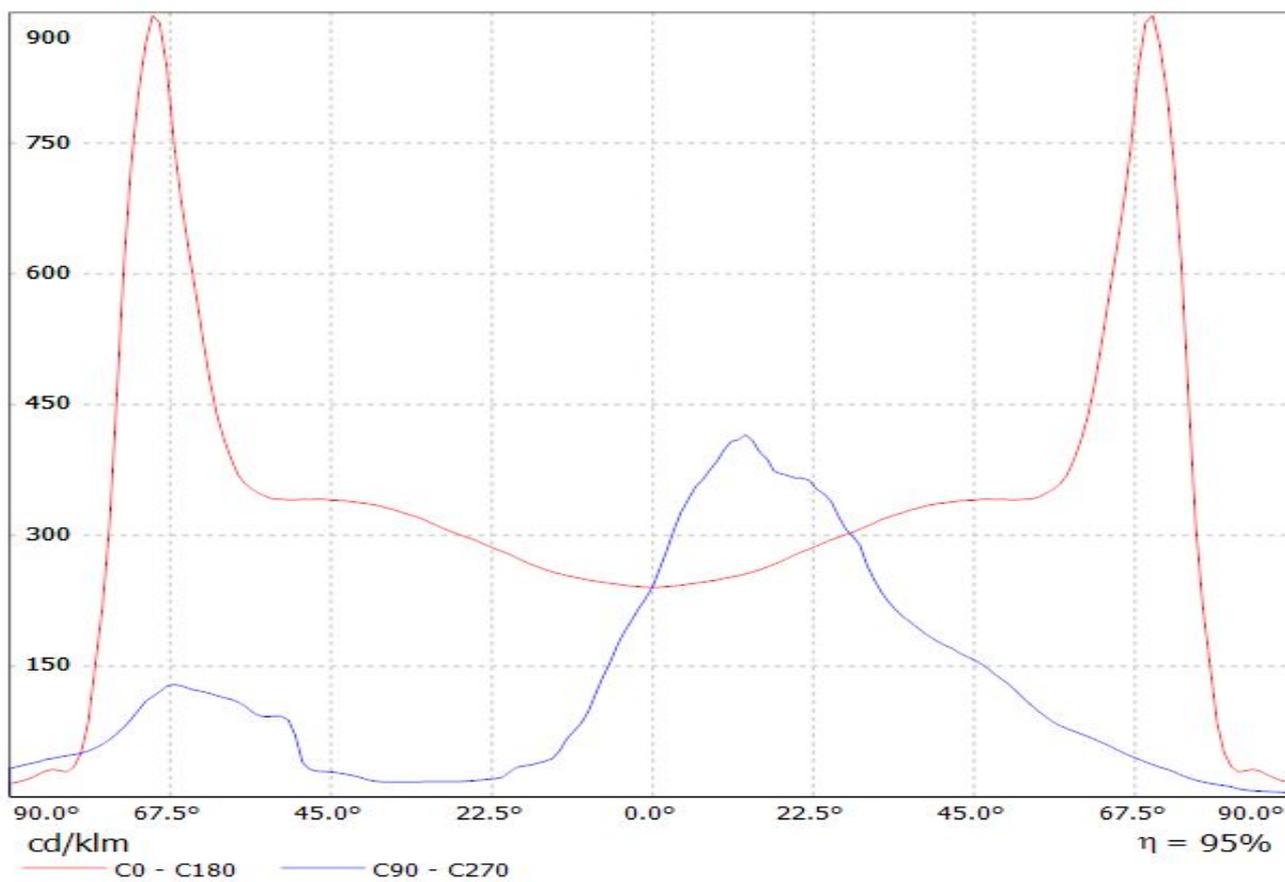
Luminaire: Ledil C13508_STRADA-SQ-T2_(LUXEON_MZ)

Lamps: 1 x LUXEON_MZ_402.108lm@250mA_CCT=3831K_P=2.8W_I=0.25A



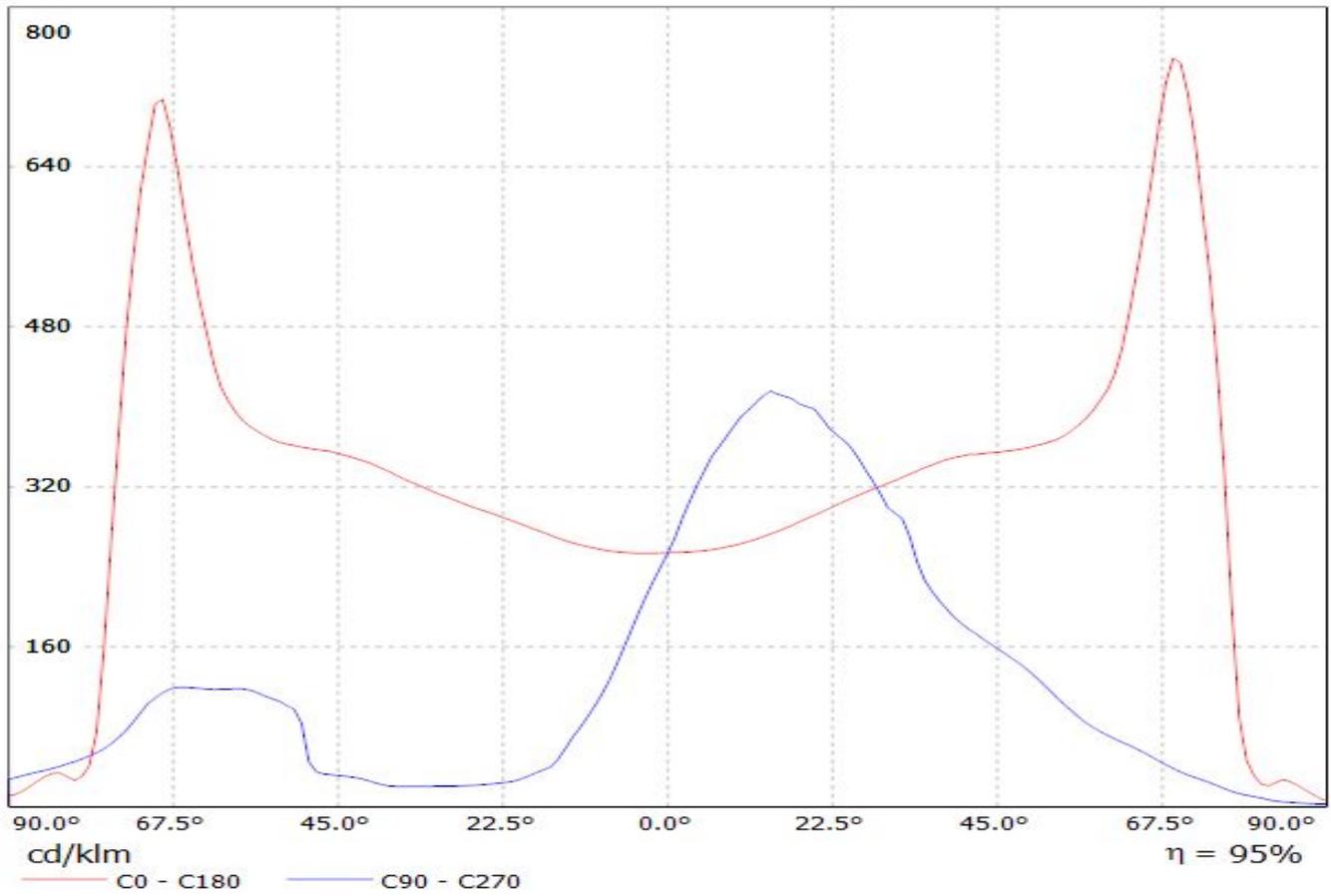
Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(NS9x383)

Lamps: 1 x Nichia_NS9x383_(NS9W383T_SW50B13KRmm)_107.563lm@250mA_P=0.759096W_I=249.9mA



Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(NFMx48xAR)

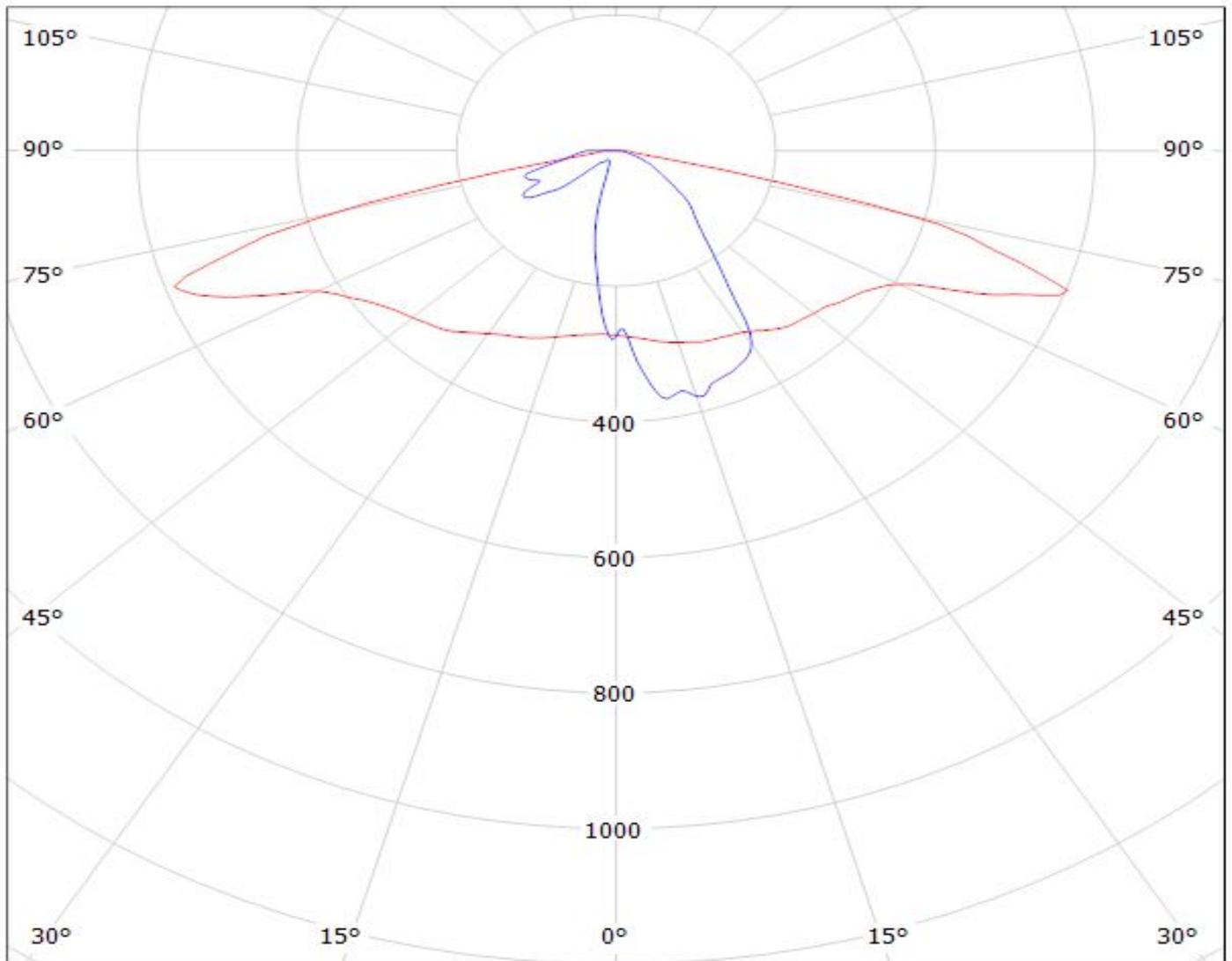
Lamps: 1 x Nichia_NFMx48xAR_(NFMW488AR)_574.333lm@100mA_P=4.0048W_I=0.100A



LEDiL Oy C13508_STRADA-SQ-T2_(MK-R) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(MK-R) Eff.94.0%

Lamps: 1 x CREE_MK-R_357.146lm@250mA_P=2.83012W_I=249.9mA



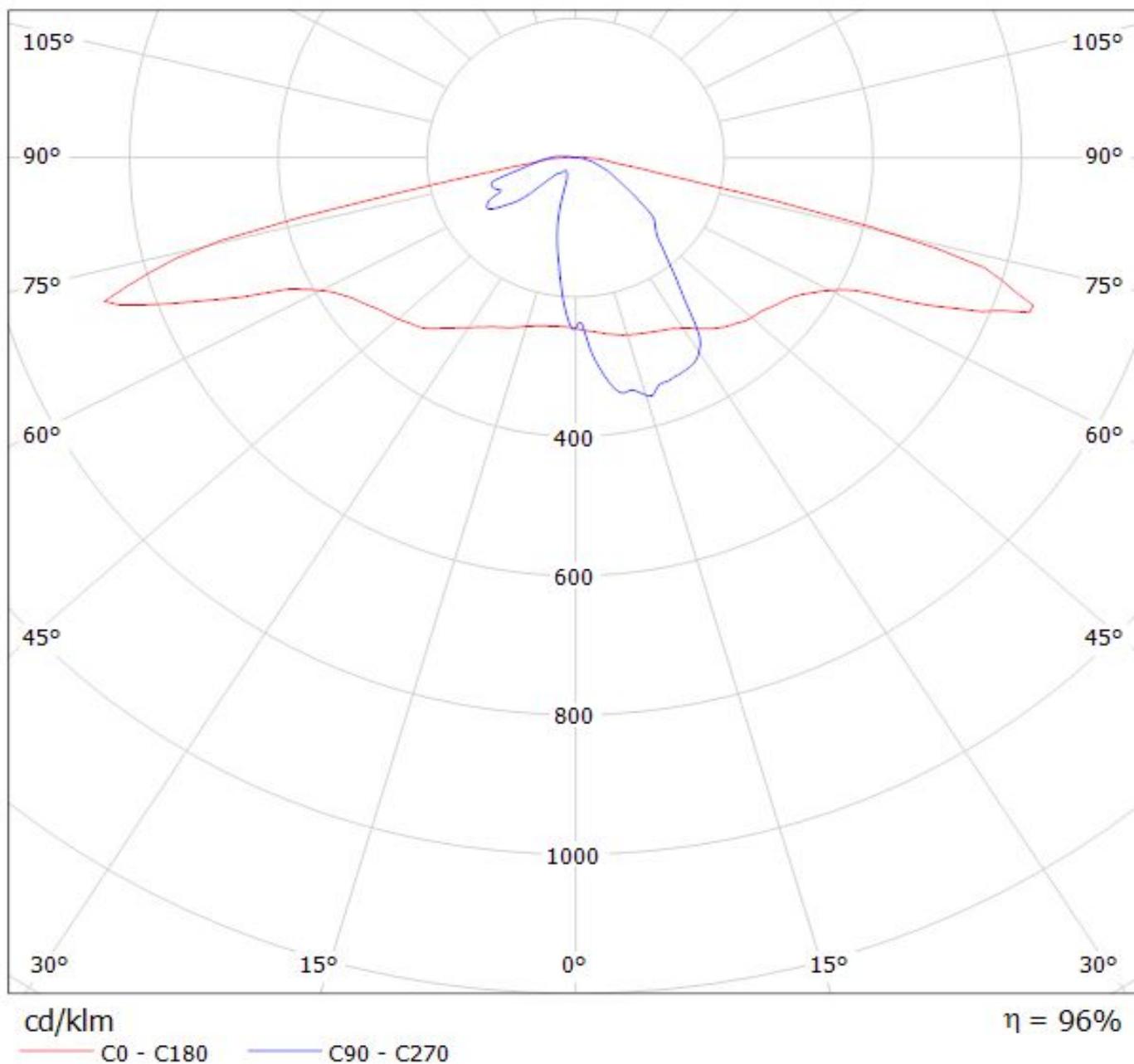
cd/klm

— C0 - C180

— C90 - C270

η = 94%

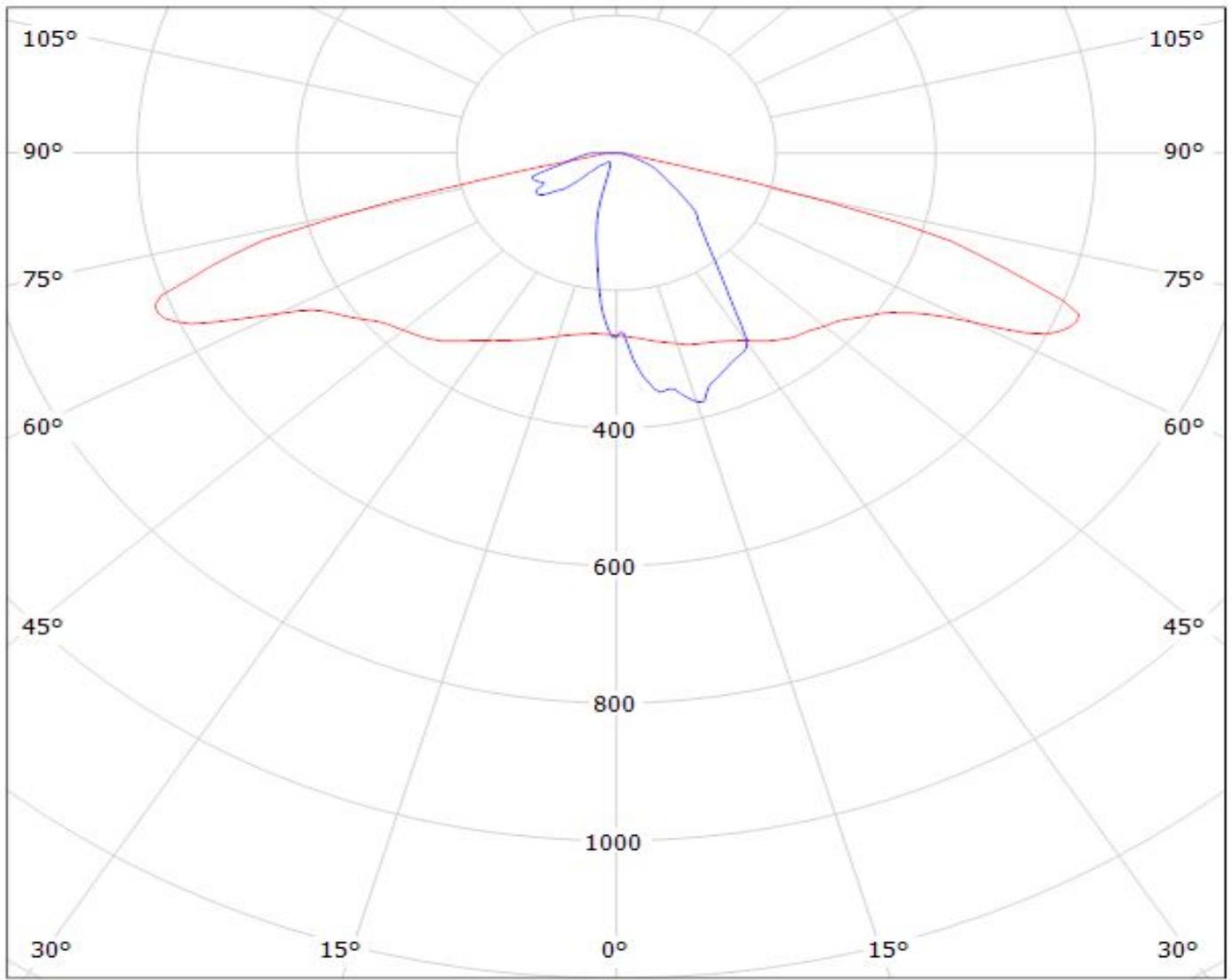
Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(XHP50 Cool white)
Lamps: 1 x XHP50 Cool white_244.744lm@250mA_P=1.42773W_η=0.2499A



LEDiL Oy C13508_STRADA-SQ-T2_(Luxeon-M) Eff.93.3% / LDC (Polar)

Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(Luxeon-M) Eff.93.3%

Lamps: 1 x Luxeon-M_349.125lm@250mA_CCT=4092K_P=2.73041W_I=249.9mA



cd/klm

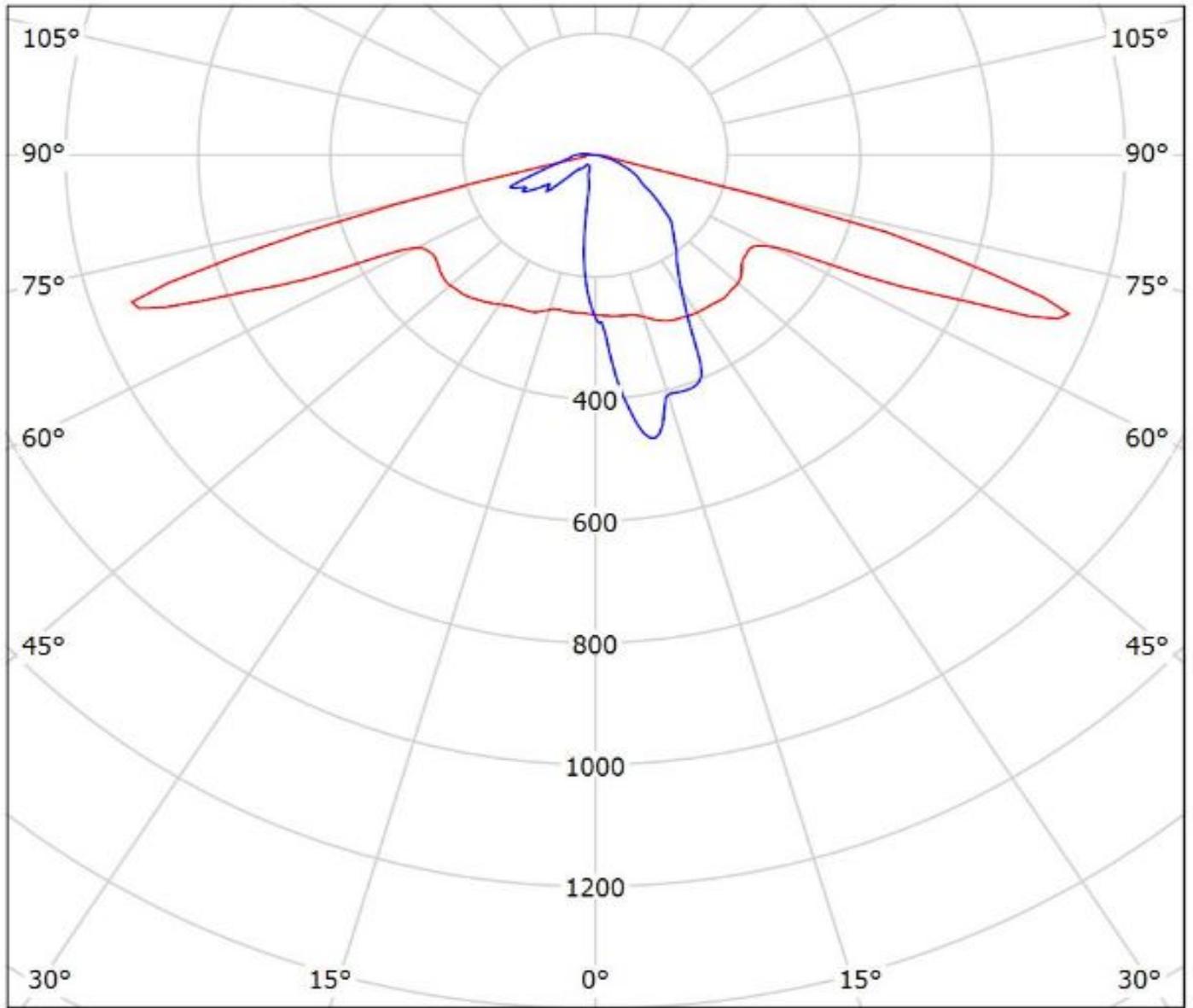
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil C13508_STRADA-SQ-T2_(LUXEON_MZ)

Lamps: 1 x LUXEON_MZ_402.108lm@250mA_CCT=3831K_P=2.8W_I=0.25A



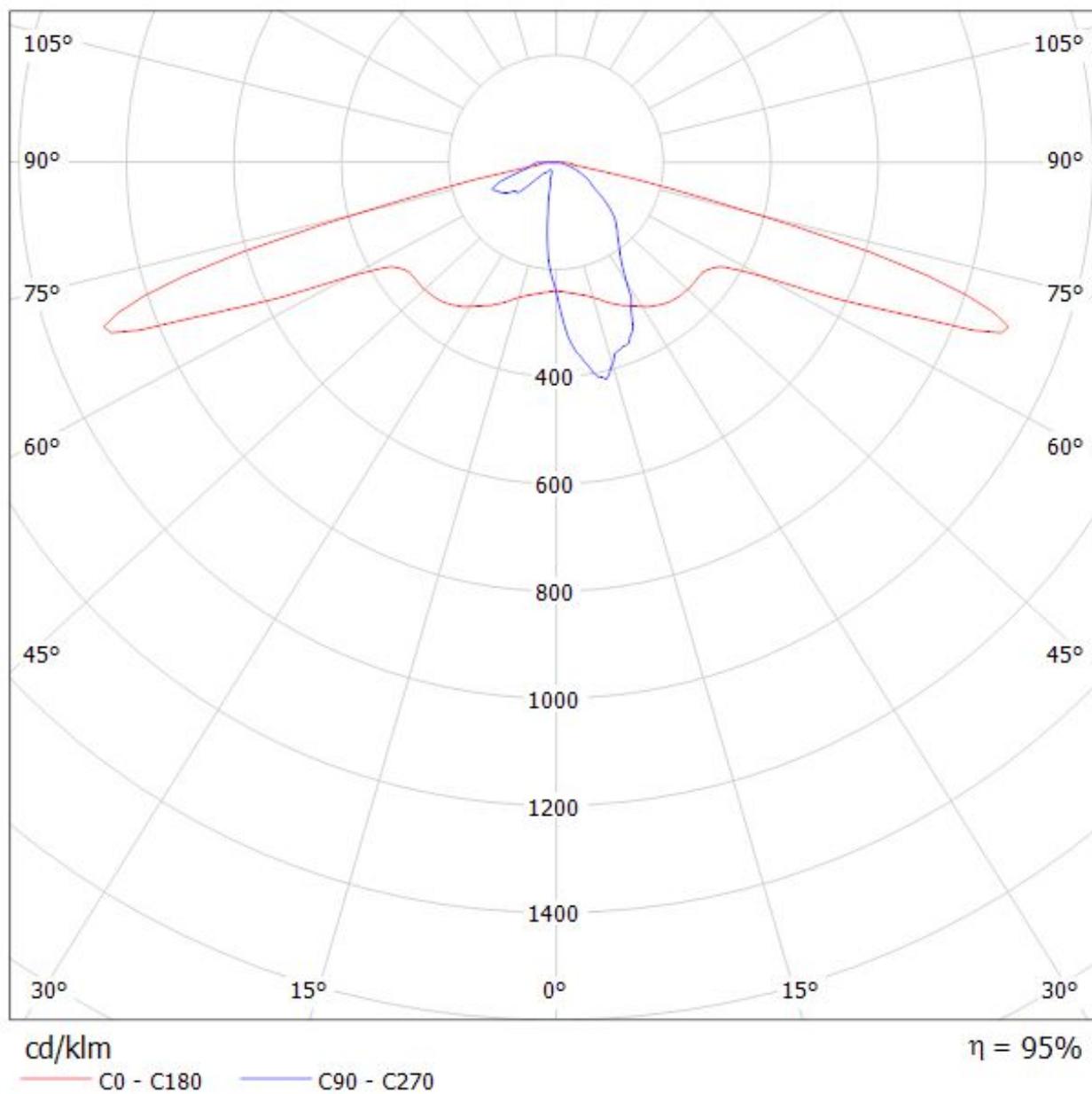
cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

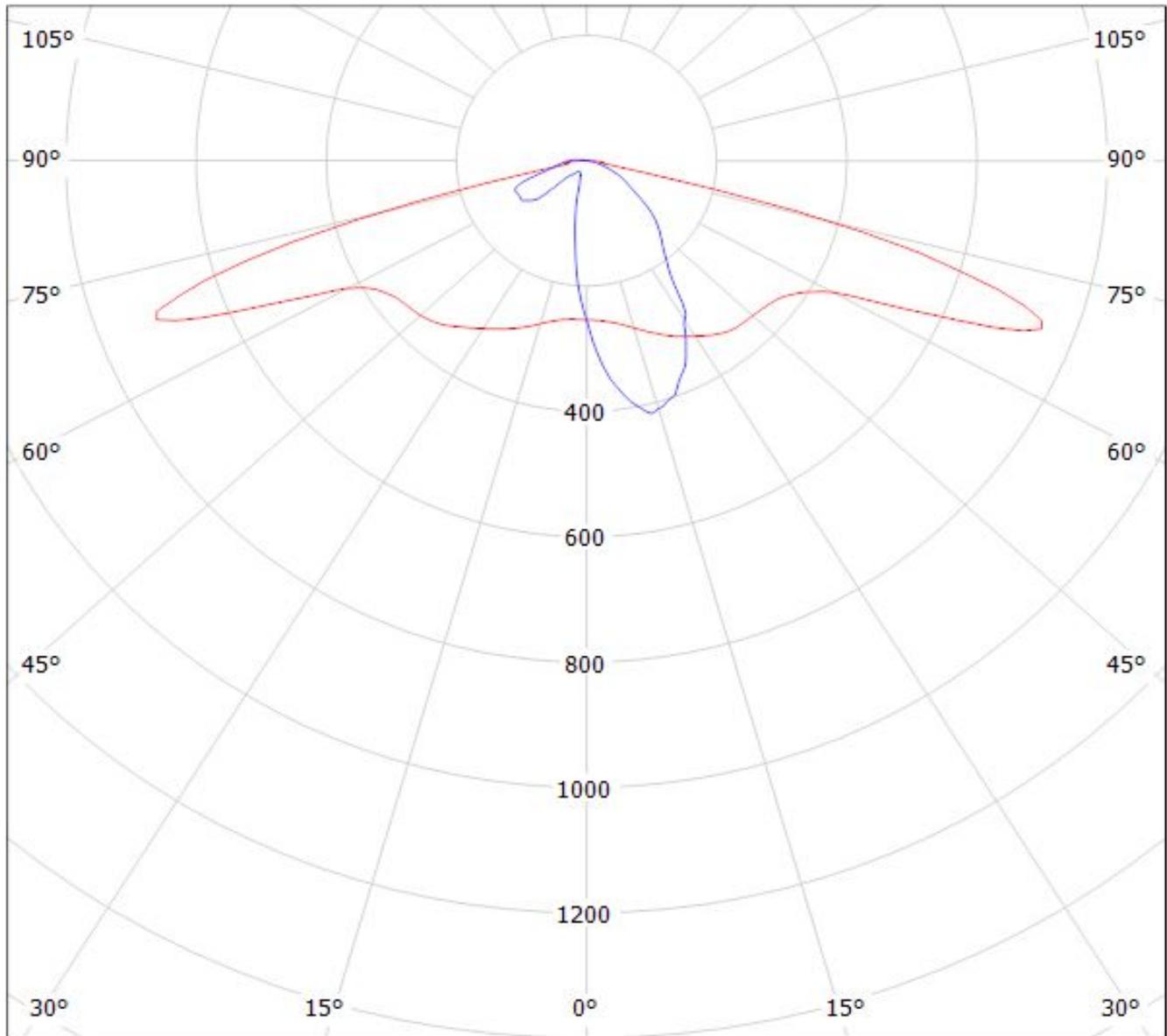
Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(NS9x383)

Lamps: 1 x Nichia_NS9x383_(NS9W383T_SW50B13KRmm)_107.563lm@250mA_P=0.759096W_I=249.9mA



Luminaire: LEDiL Oy C13508_STRADA-SQ-T2_(NFMx48xAR)

Lamps: 1 x Nichia_NFMx48xAR_(NFMW488AR)_574.333lm@100mA_P=4.0048W_I=0.100A



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.