

DETAILS

Product Number	CA13177_RITA-WAS
Family	Rita
Type	RefAssy
Color	white
Diameter	31,9 + 28,4 mm
Height	17,3 mm
Style	rectang
Optic Material	
Holder Material	
Fastening	pin, tape
Status	production ready
ROHS Compliant	Yes
Date Updated	5/11/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-G	Asymmetric deg	Asymmetric	85 %	0.630	-
XM-L	Asymmetric deg	Asymmetric	84 %	0.611	-
XT-E	Asymmetric deg	Asymmetric	84 %	0.640	-
XP-G2	Asymmetric deg	Asymmetric	85 %	0.657	-
XP-E	Asymmetric deg	Asymmetric	83 %	0.630	-
MK-R	Asymmetric deg	Asymmetric	85 %	0.600	-
XB-D	Asymmetric deg	Asymmetric	82 %	0.600	-
XM-L2	asymmetric deg	Asymmetric	83 %	0.600	-
XP-L	Asymmetric deg	Asymmetric	86 %	0.610	-
LUXEON A	Asymmetric deg	Asymmetric	86 %	0.680	-
LUXEON M/MX	Asymmetric deg	Asymmetric	85 %	0.638	-
LUXEON T	Asymmetric deg	Asymmetric	84 %	0.600	-
LUXEON H50-2	sim: Asymmetric	Asymmetric	-	-	-
LUXEON MZ	asymmetric deg	Asymmetric	84 %	0.600	-
LUXEON TX	Asymmetric deg	Asymmetric	83 %	0.620	-
NVSxx19B/NVSxx19C	Asymmetric deg	Asymmetric	82 %	0.610	-
NS9x383	Asymmetric deg	Asymmetric	85 %	0.630	-
Oslon Square EC	Asymmetric deg	Asymmetric	84 %	0.654	-

D

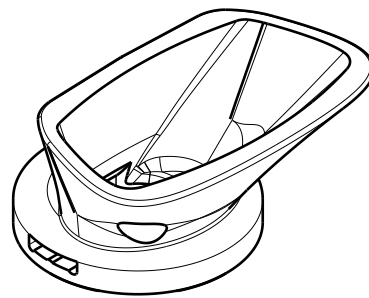
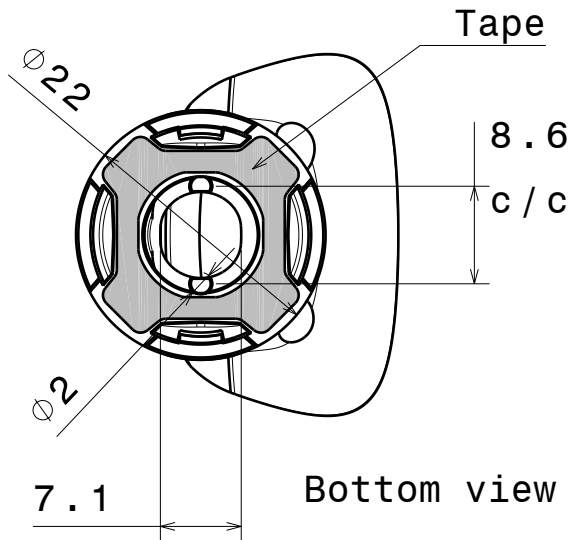
C

B

A

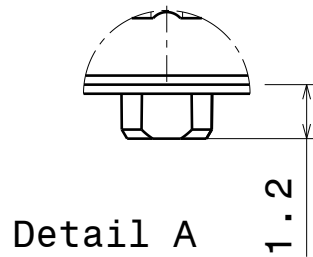
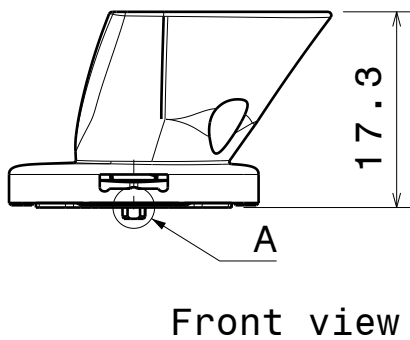
4

4



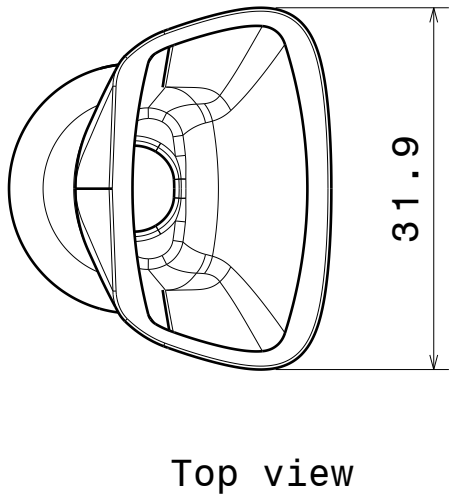
3

3



2

2



Materials

Reflector: PC
Tape: PU Foam

This drawing is our property. It can't be reproduced or communicated without our written agreement.



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE Mechanical drawing
RITA-WAS

DRAWN BY
as

DATE
27.9.2012

CHECKED BY
sn

DATE
-

SIZE
A4

PART NUMBER

REV
001

DESIGNED BY
-

DATE
-

SCALE 3:2

WEIGHT

- g

SHEET

1/1

D

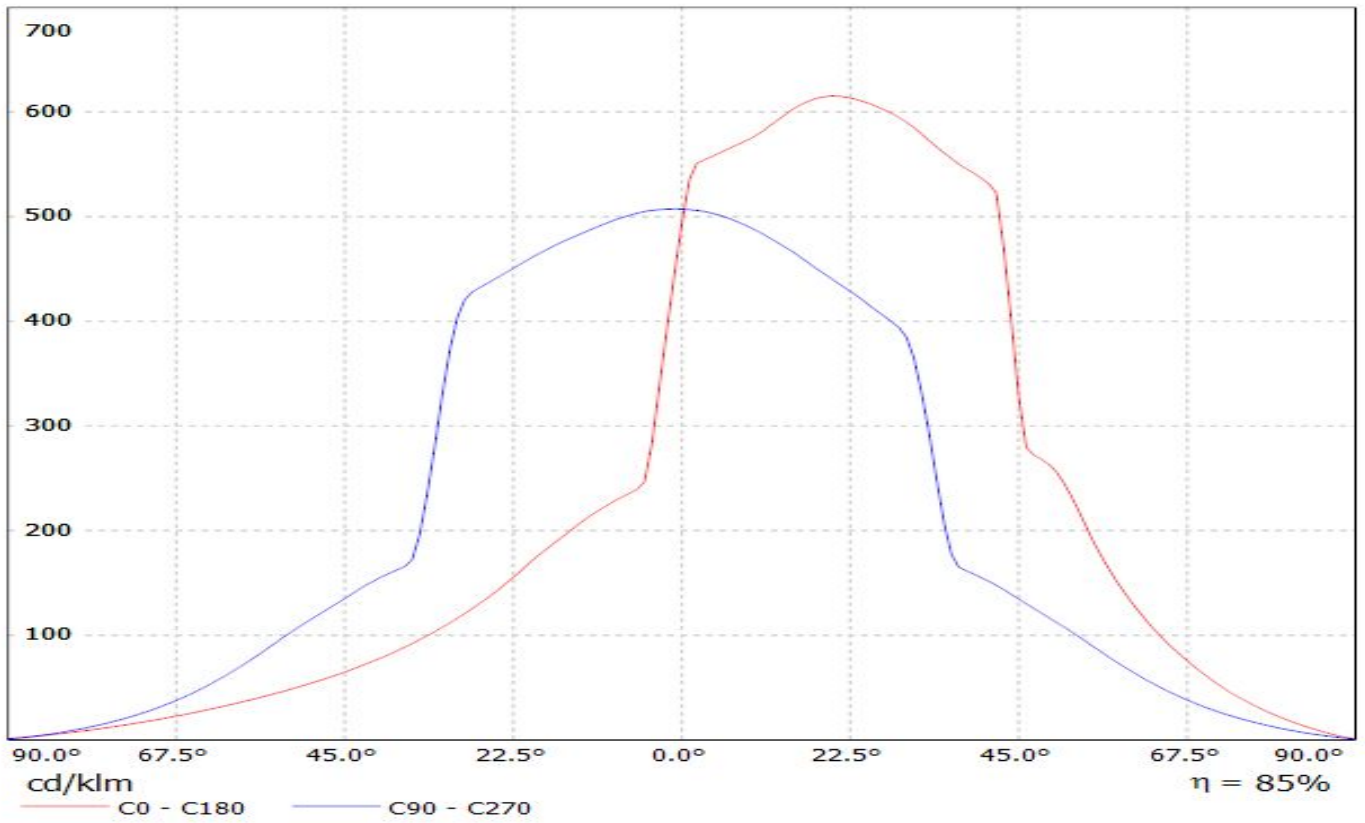
A

1

1

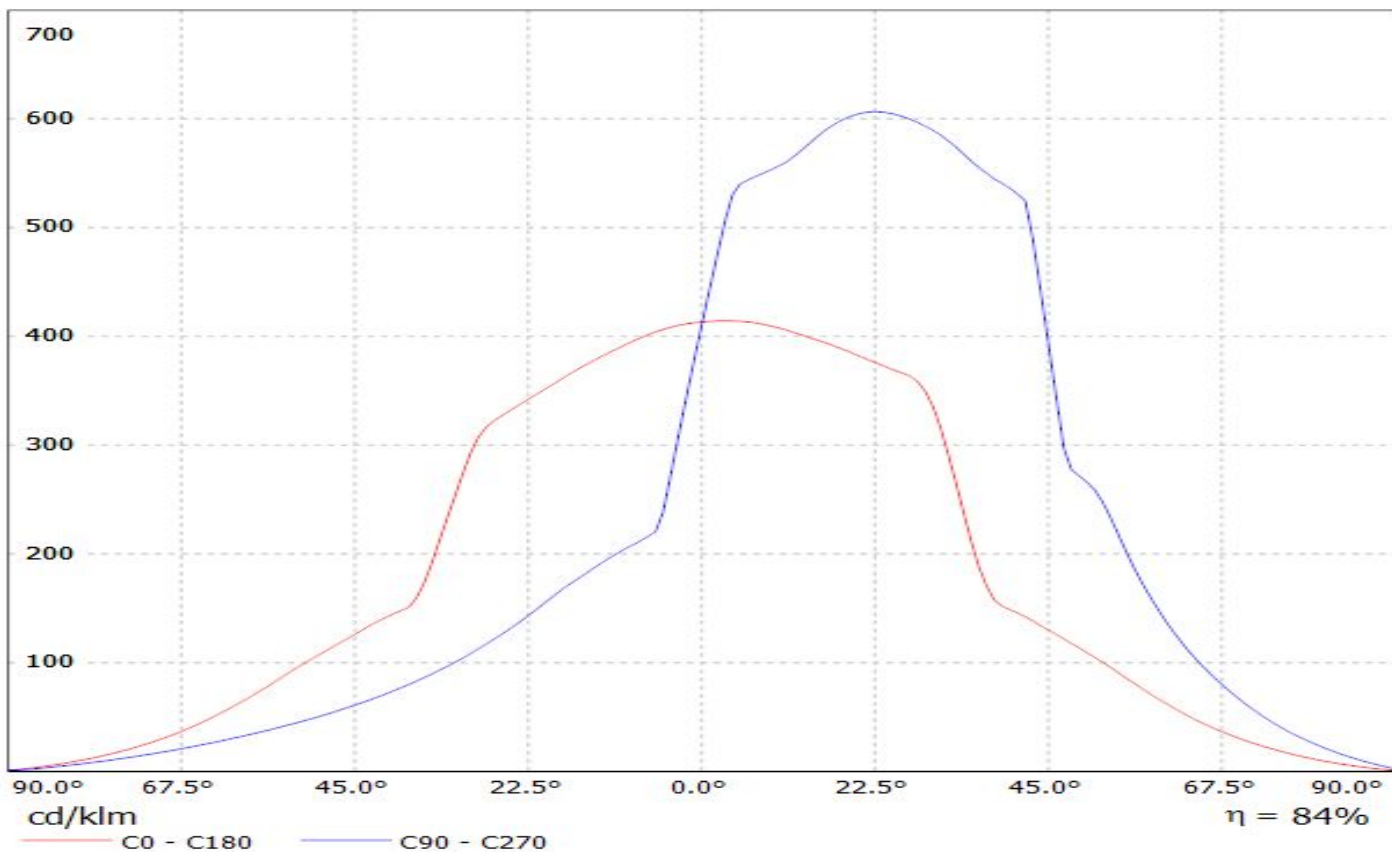
LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G) Eff85.5% / LDC (Linear)

Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G) Eff85.5%
Lamps: 1 x XP-G (70.0094lm@250mA)

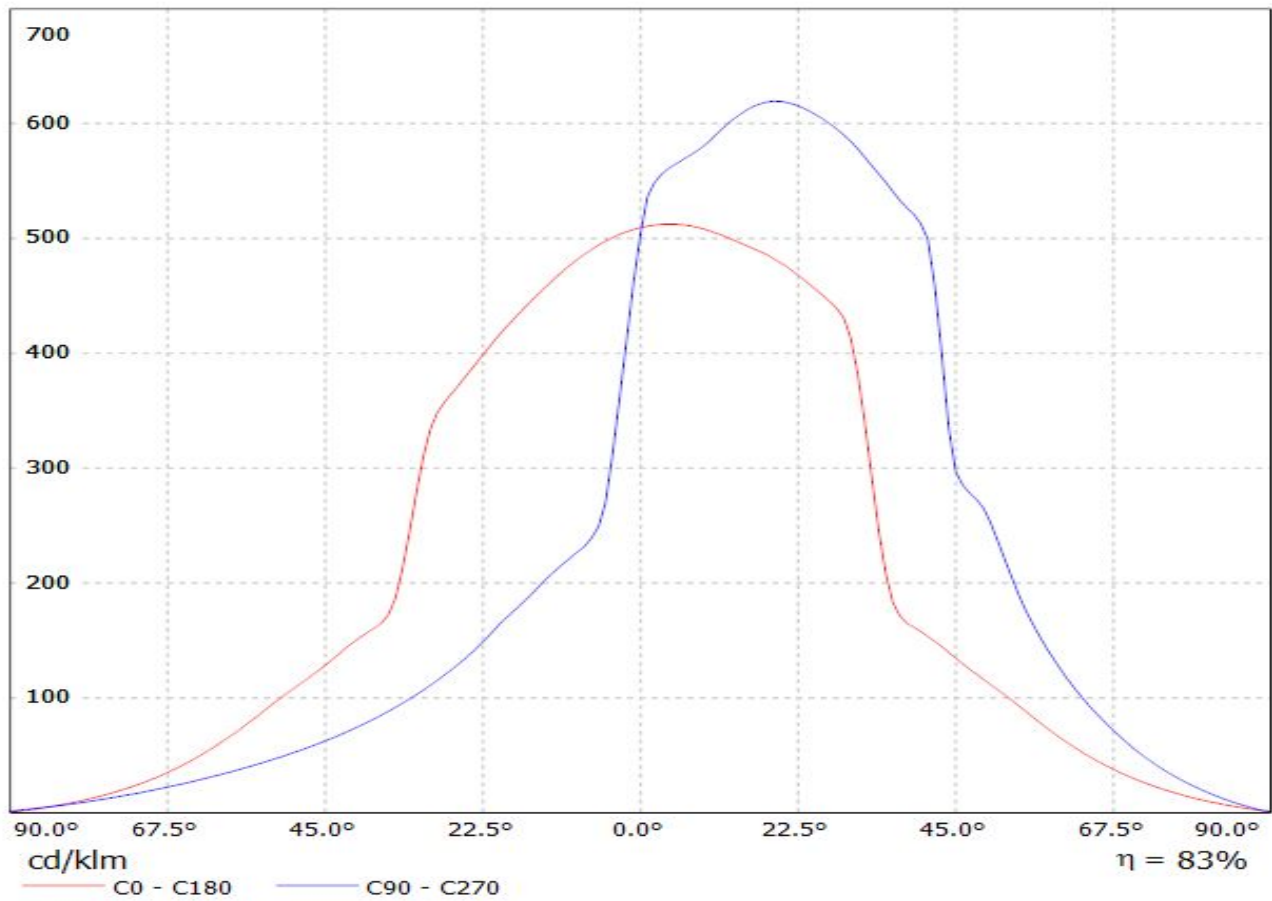


LEDiL Oy C12516/CA13177_RITA-WAS_(XM-L) Eff.83.7% / LDC (Linear)

Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XM-L) Eff.83.7%
Lamps: 1 x XM-L (93.1234lm@250mA)

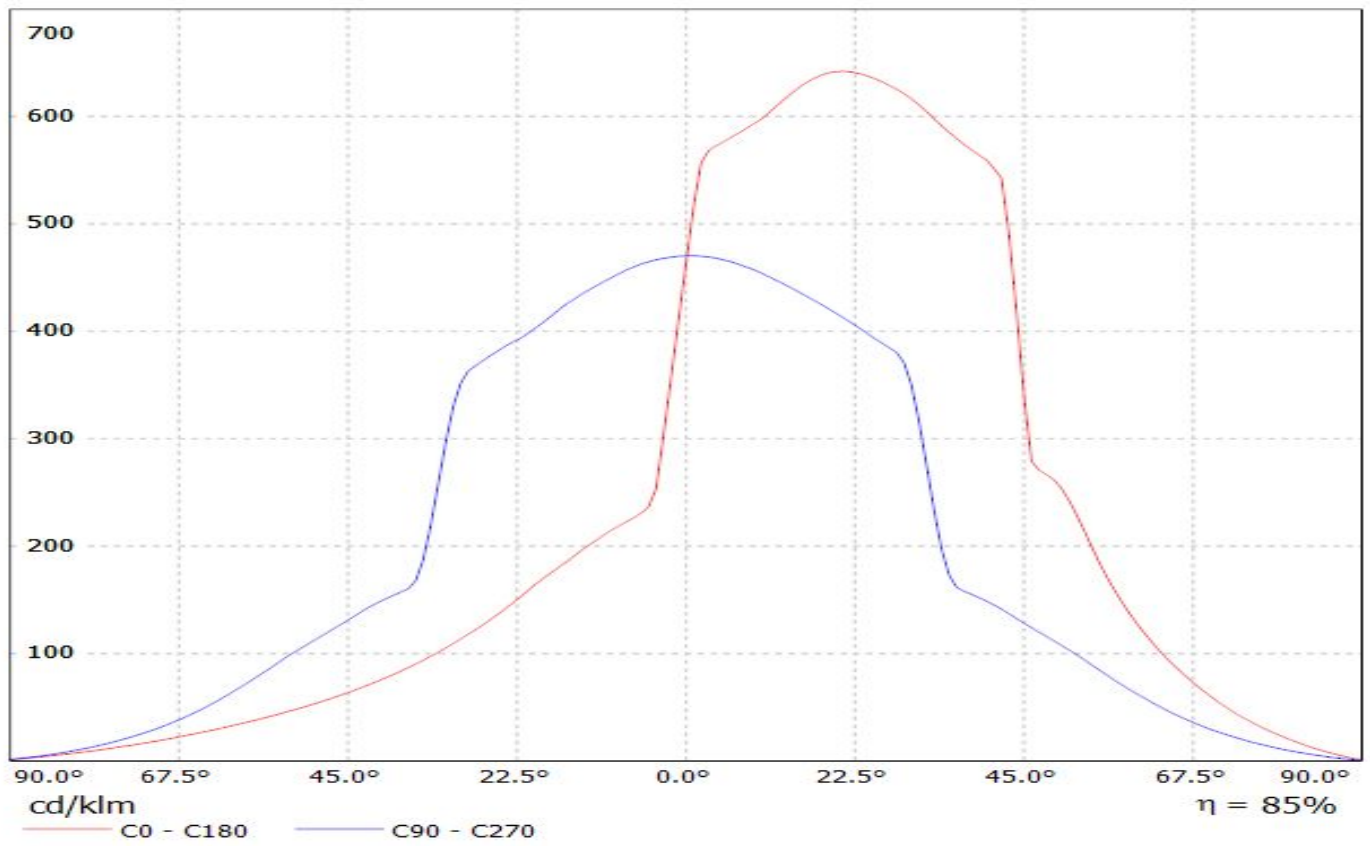


Luminaire: LEDiL Oy C12516&CA13177_RITA-WAS_(XT-E) Eff.83.4%
Lamps: 1 x XT-E (99.7728lm@250mA)



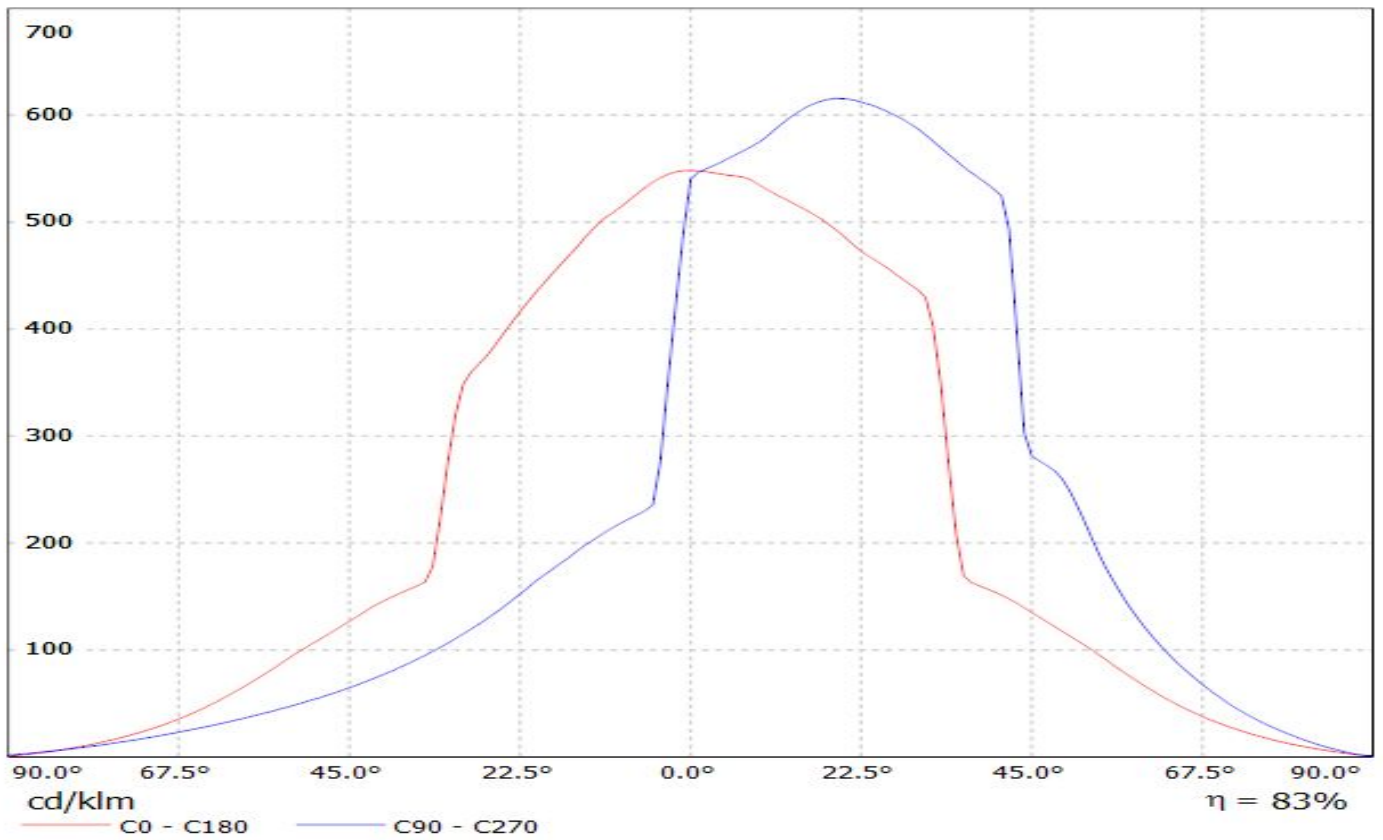
LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G2) Eff.85.25% / LDC (Linear)

Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G2) Eff.85.25%
Lamps: 1 x XP-G2 (106.037lm@250mA)



LEDiL Oy C12516/CA13177_RITA-WAS_(XP-E) Eff.83.5% / LDC (Linear)

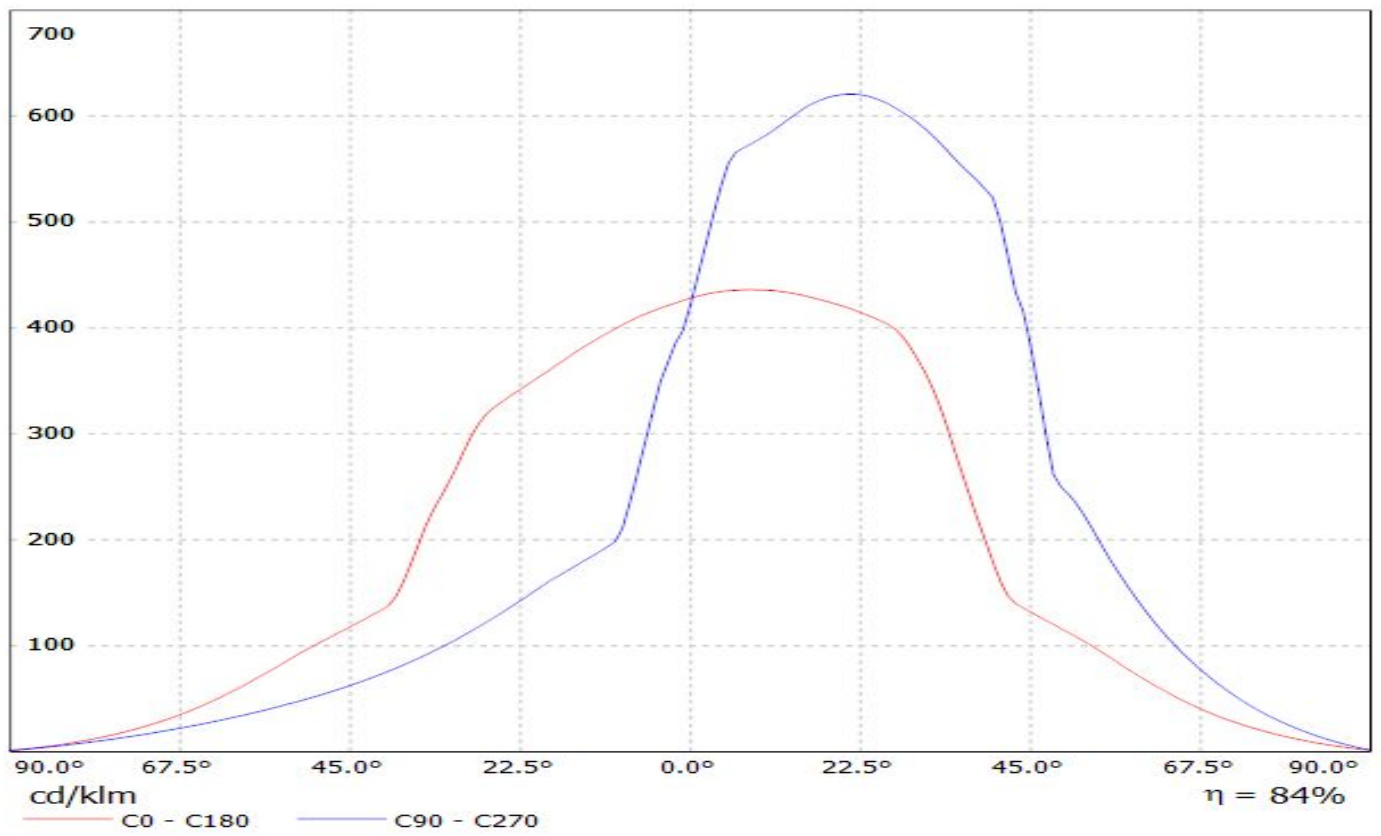
Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XP-E) Eff.83.5%
Lamps: 1 x XP-E (68.9692lm@250mA)



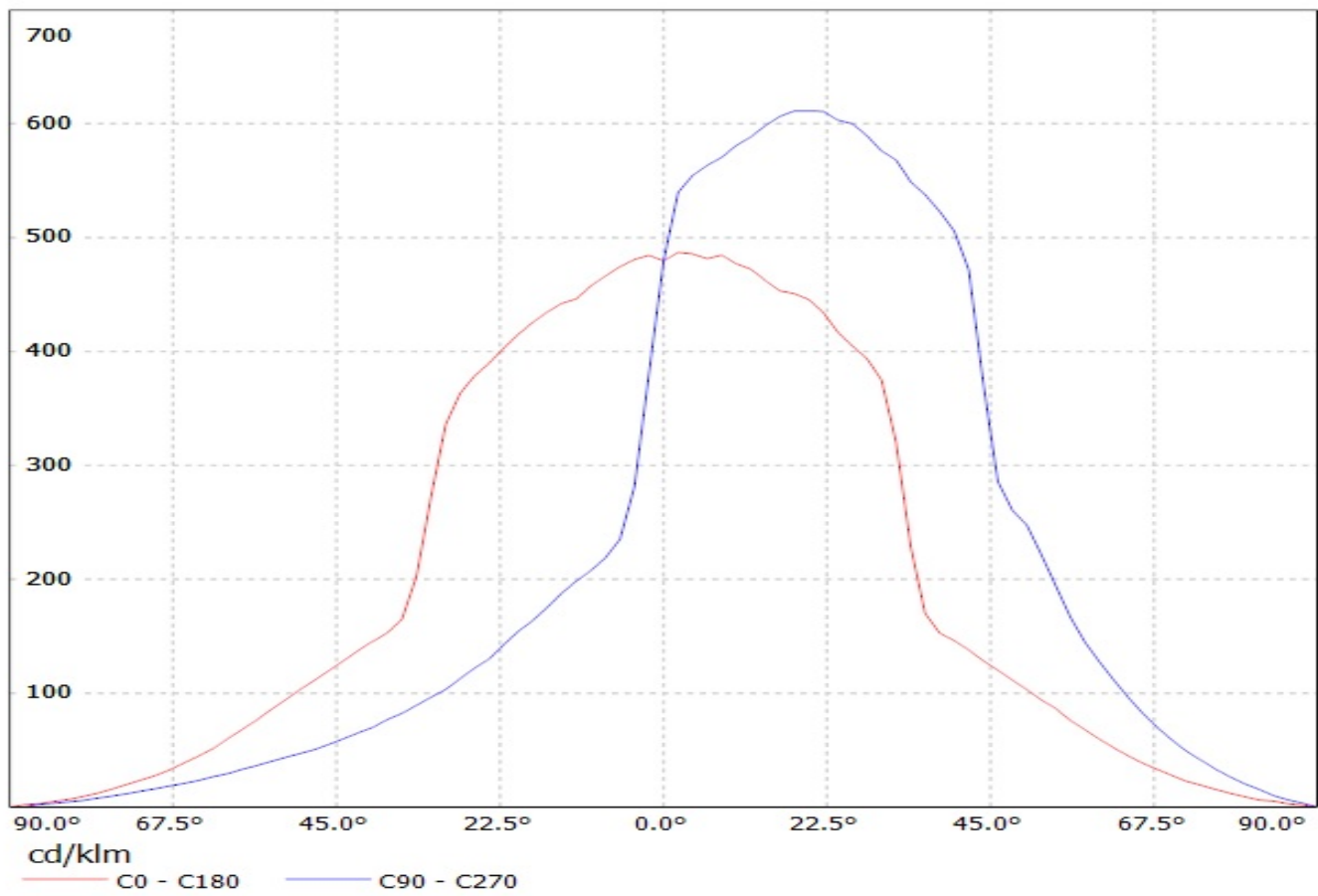
LEDiL Oy CA13177_RITA-WAS_(CREE_MKR) Eff.84.5% / LDC (Linear)

Luminaire: LEDiL Oy CA13177_RITA-WAS_(CREE_MKR) Eff.84.5%

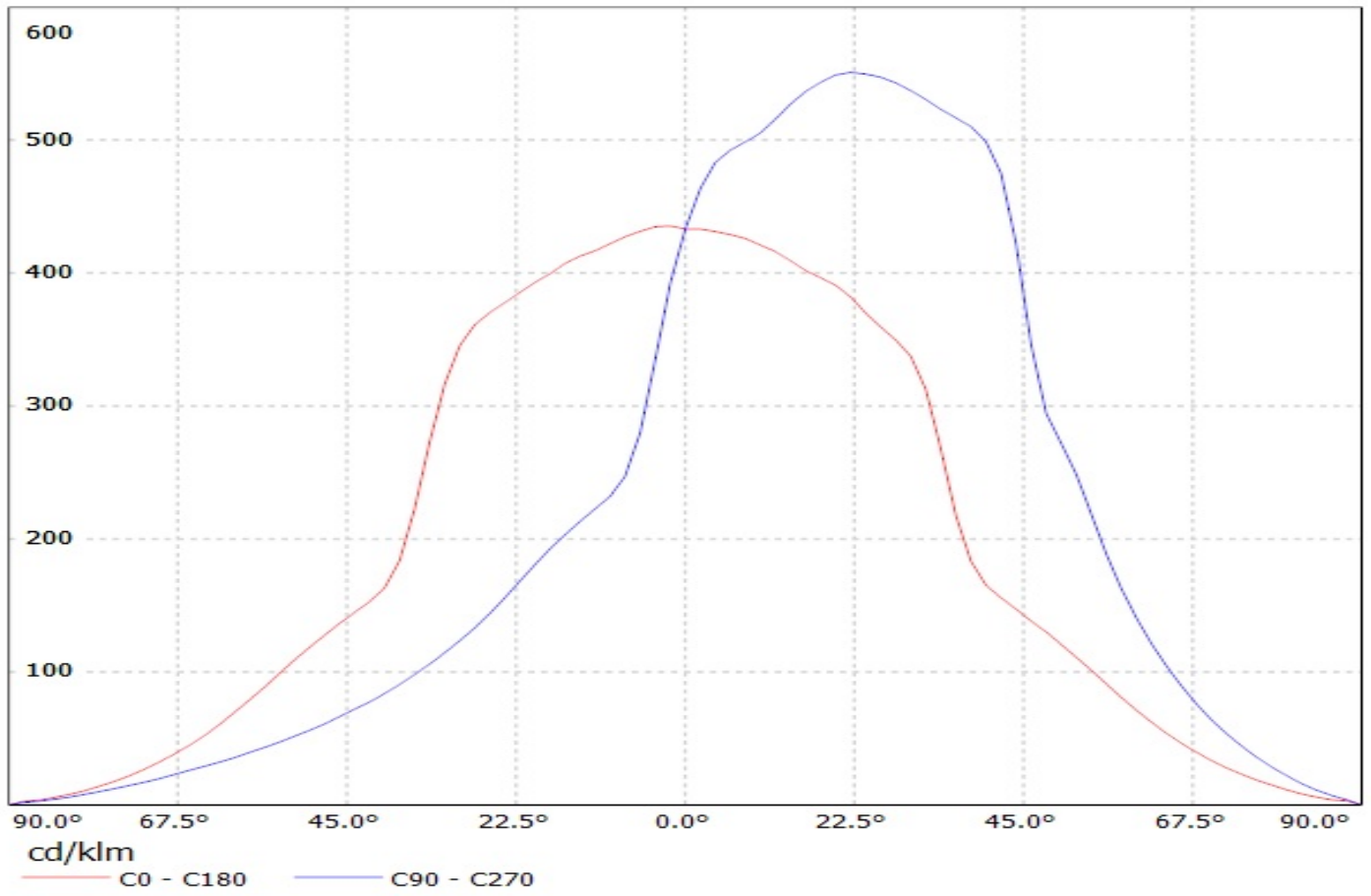
Lamps: 1 x MK-R (368.505lm@250mA)



Luminaire: Ledil Oy CA13177_RITA-WAS (Cree XB-D 94lm @ 250mA) Efficiency=82%
Lamps: 1 x Cree XB-D 94lm @ 250mA

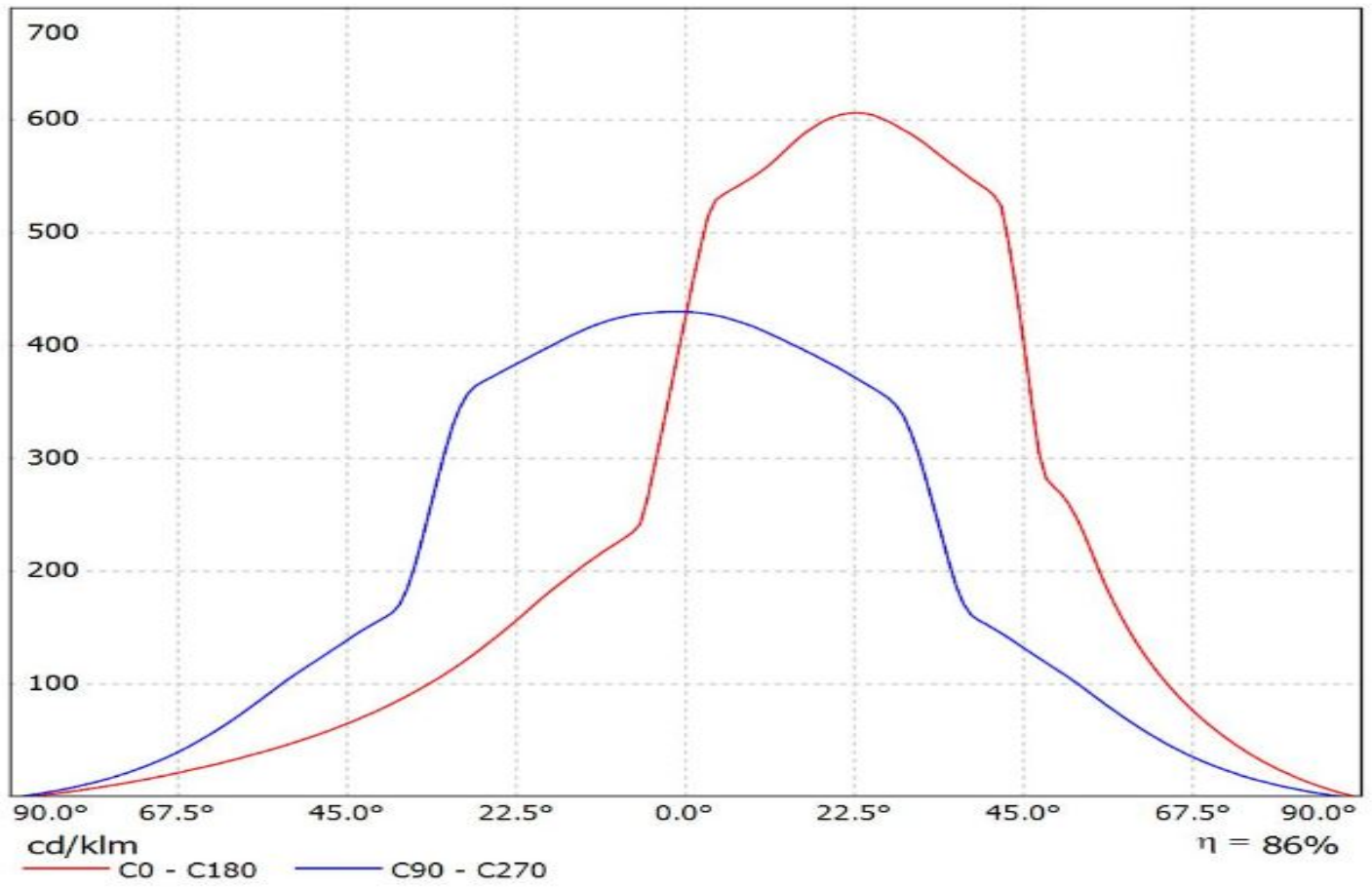


Luminaire: LEDil Oy CA13177_RITA-WAS_(XM-L2) Efficiency=83%
Lamps: 1 x Cree XM-L2 (100lm @ 250mA) P=0.7W I=250mA

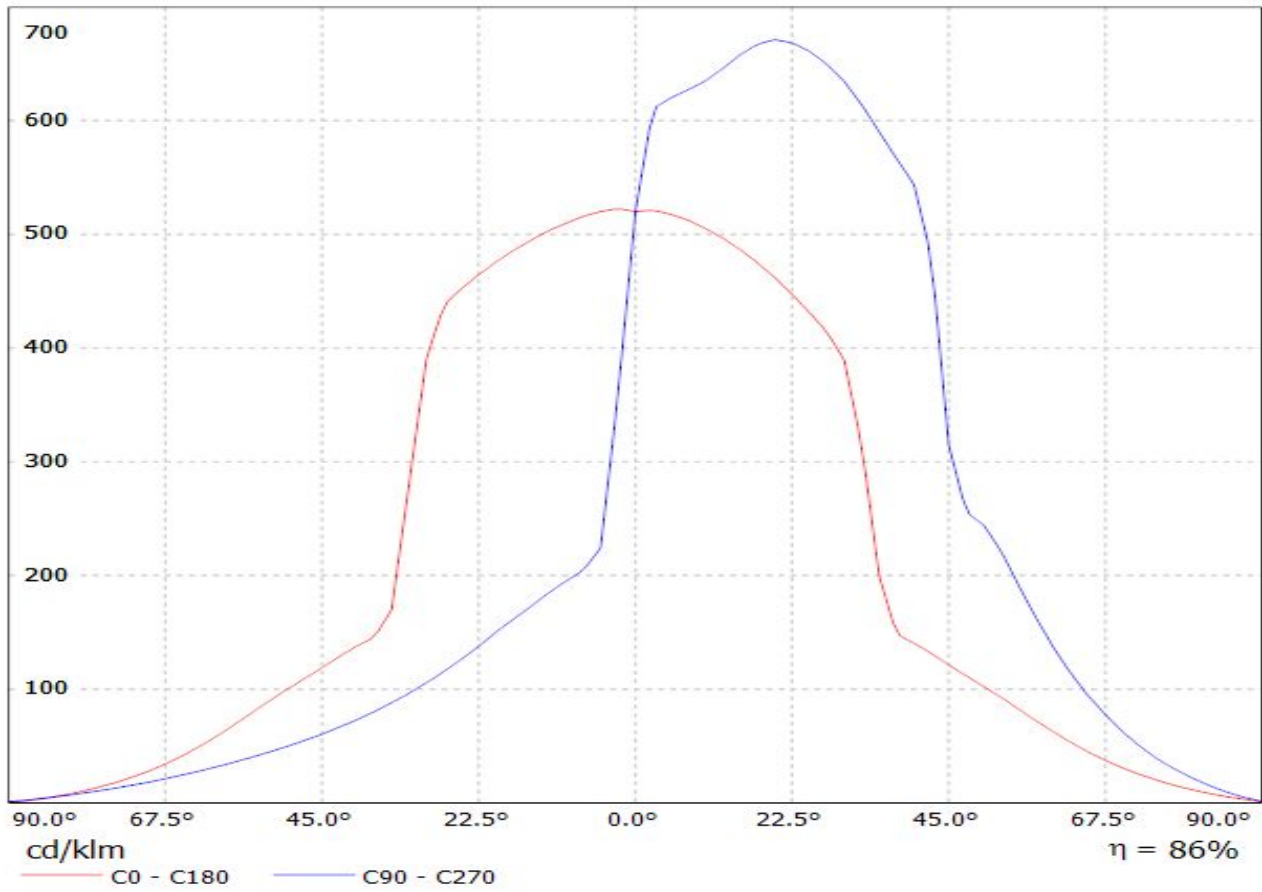


Luminaire: Ledil CA13177_RITA-WAS_(XP-L)

Lamps: 1 x Cree_XP-L_126.98lm@250mA_P=0.73755W_I=0.25A

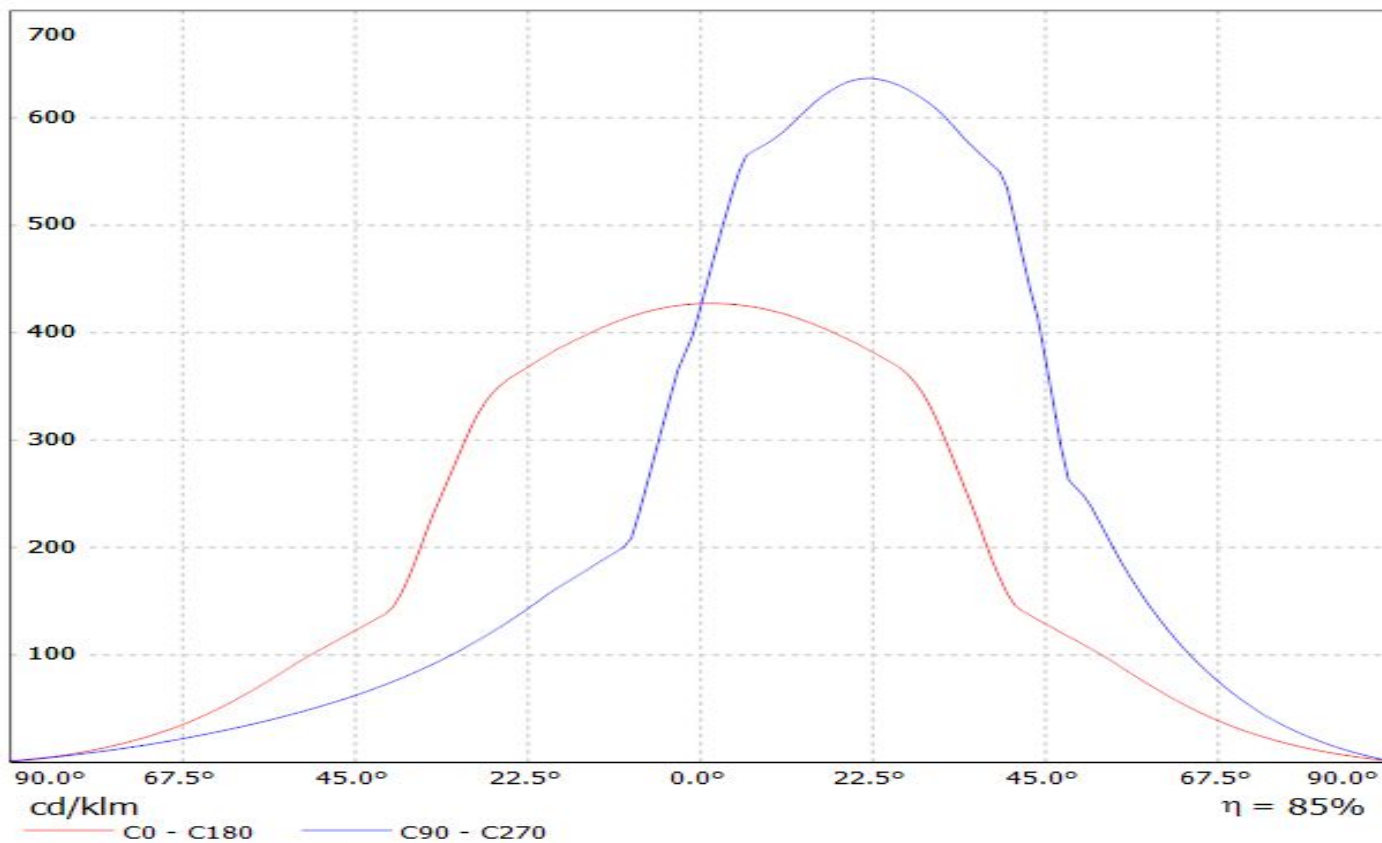


Luminaire: LEDiL Oy C12516&CA13177_RITA-WAS_(Luxeon-A) Eff.85.8%
Lamps: 1 x LUXEON_A (60.4142lm@250mA)

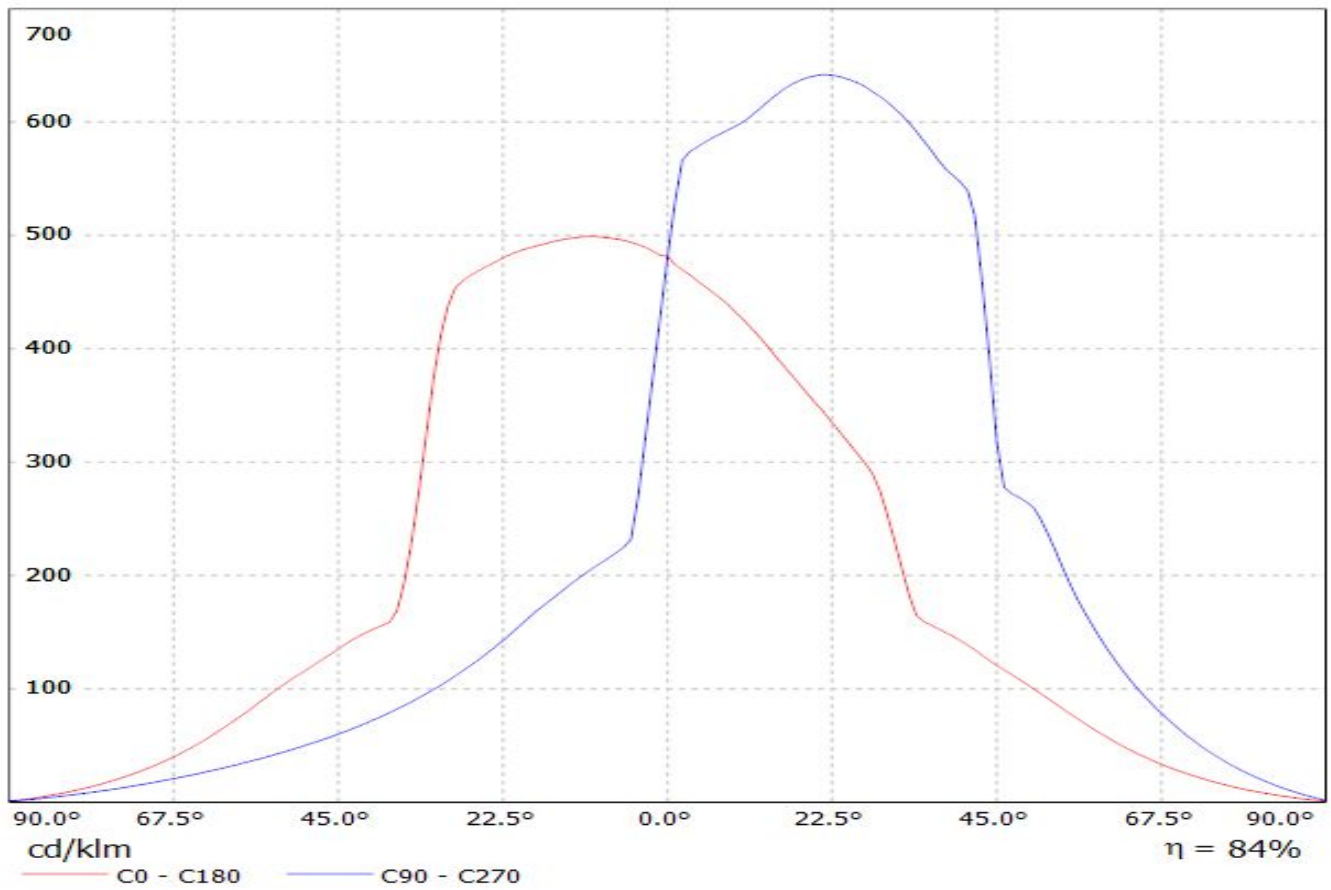


LEDiL Oy C12516/CA13177_RITA-WAS_(Luxeon_M) Eff.85% / LDC (Linear)

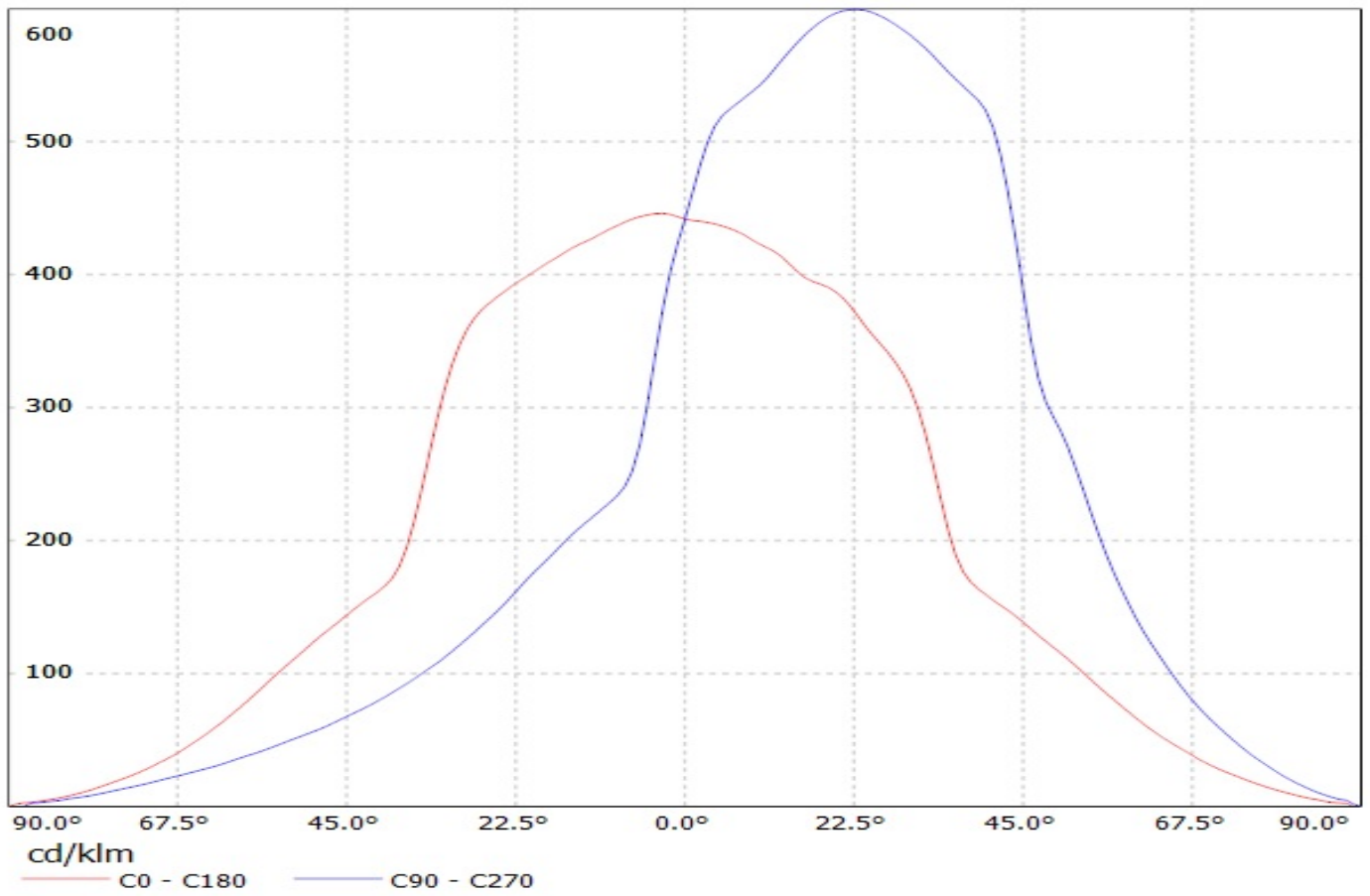
Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(Luxeon_M) Eff.85%
Lamps: 1 x Luxeon M (361.96lm@250mA)



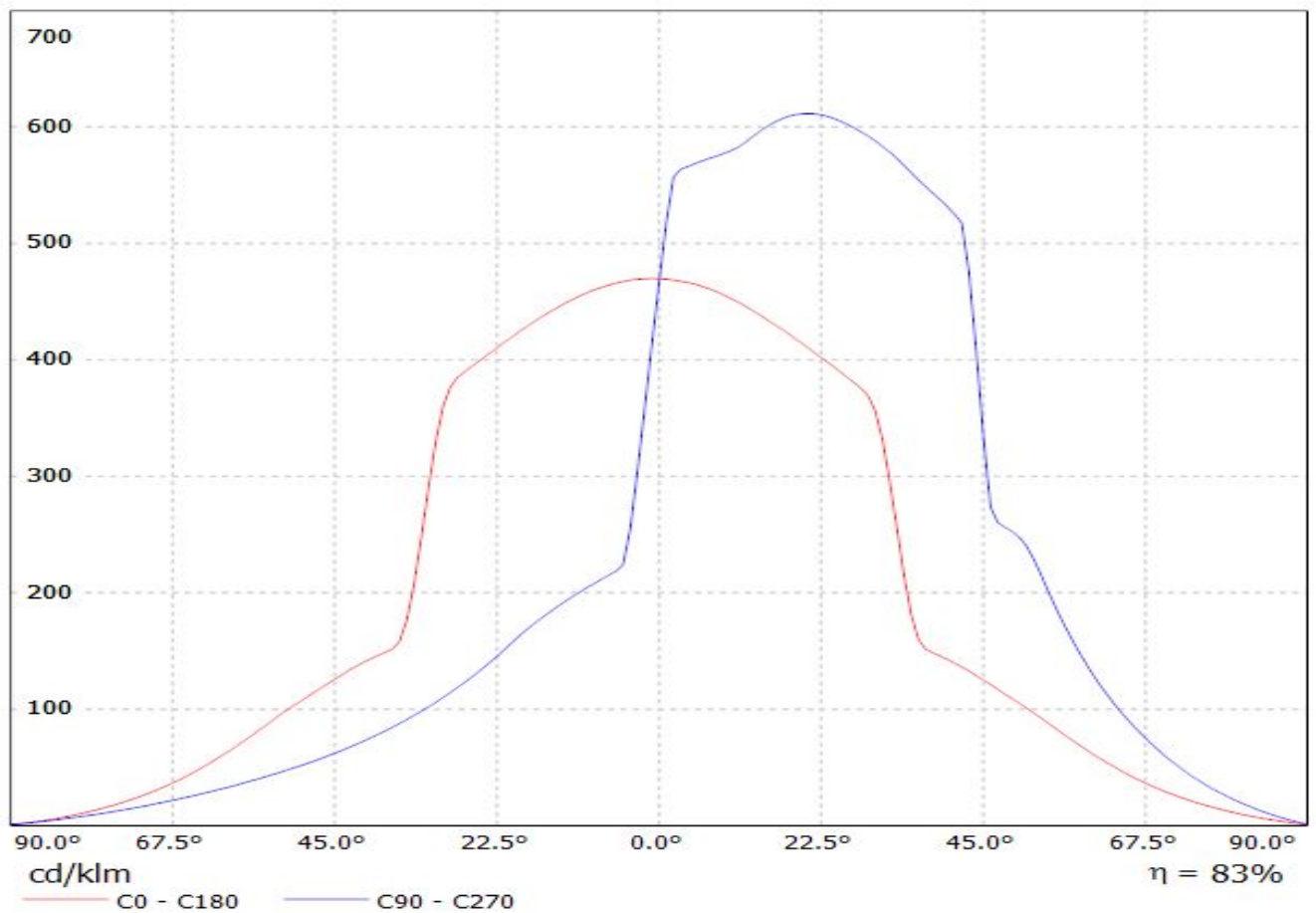
Luminaire: LEDiL Oy C12516&CA13177_RITA-WAS_(LUXEON_T) Eff.84%
Lamps: 1 x LUXEON T (70lm@250mA)



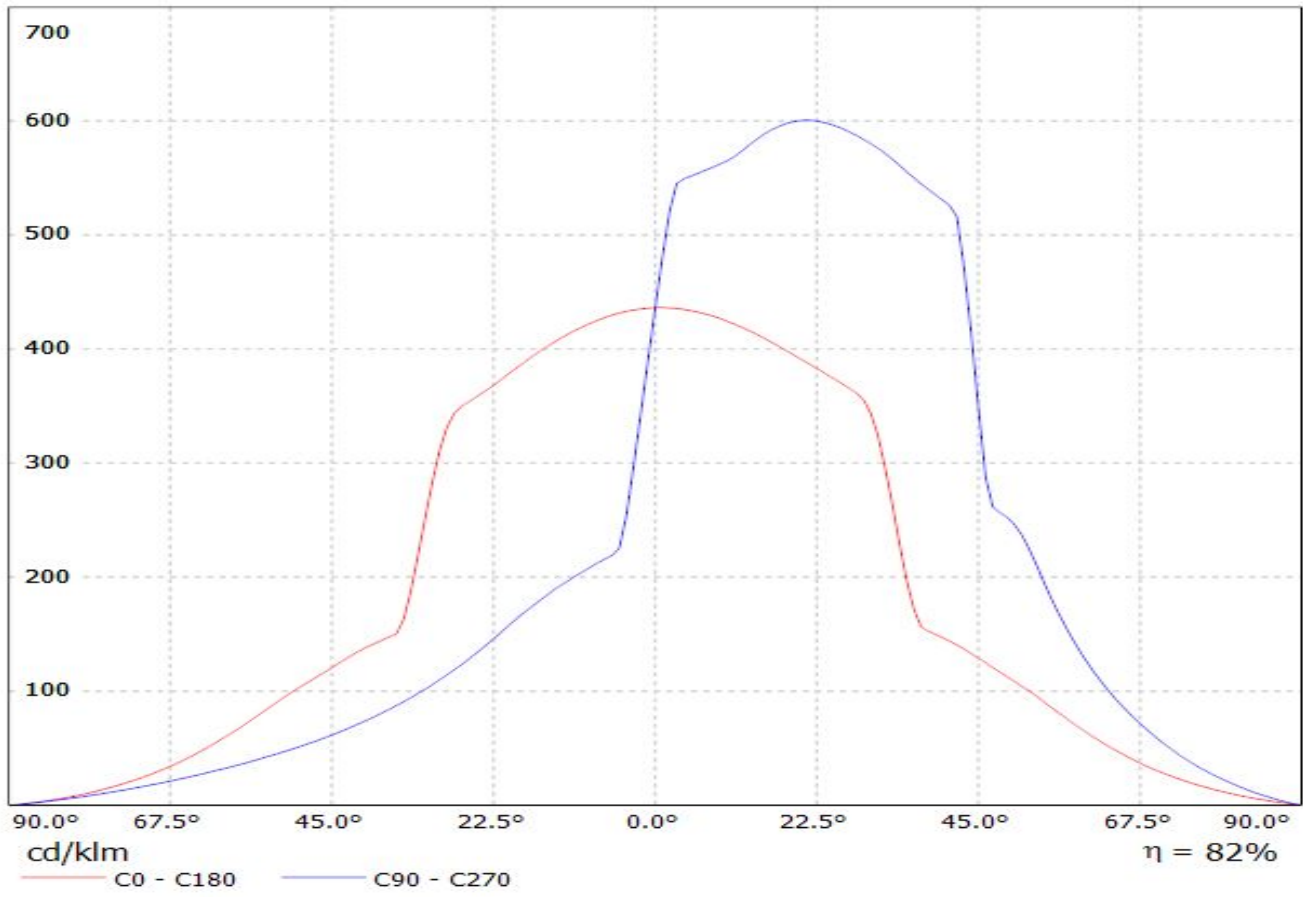
Luminaire: LEDil Oy CA13177_RITA-WAS_(Luxeon_MZ) Efficiency=84%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



Luminaire: LEDiL Oy CA13177_RITA-WAS_(Luxeon_TX) Eff.83.4%
Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.2531lm@250mA_CCT=3500K_P=0.730933W_I=249.9mA

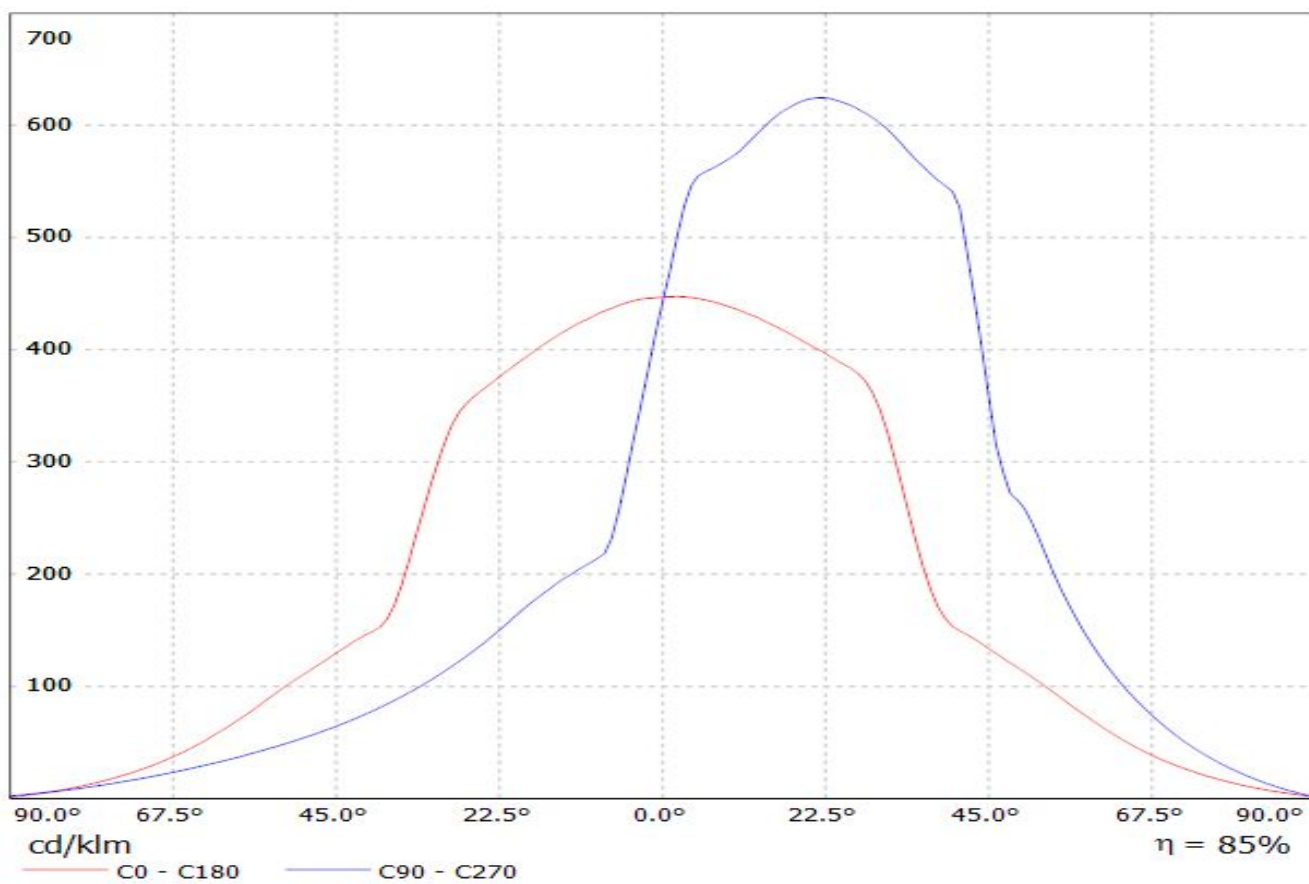


Luminaire: LEDiL Oy CA13177_RITA-WAS_(NVSL219CE)
Lamps: 1 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



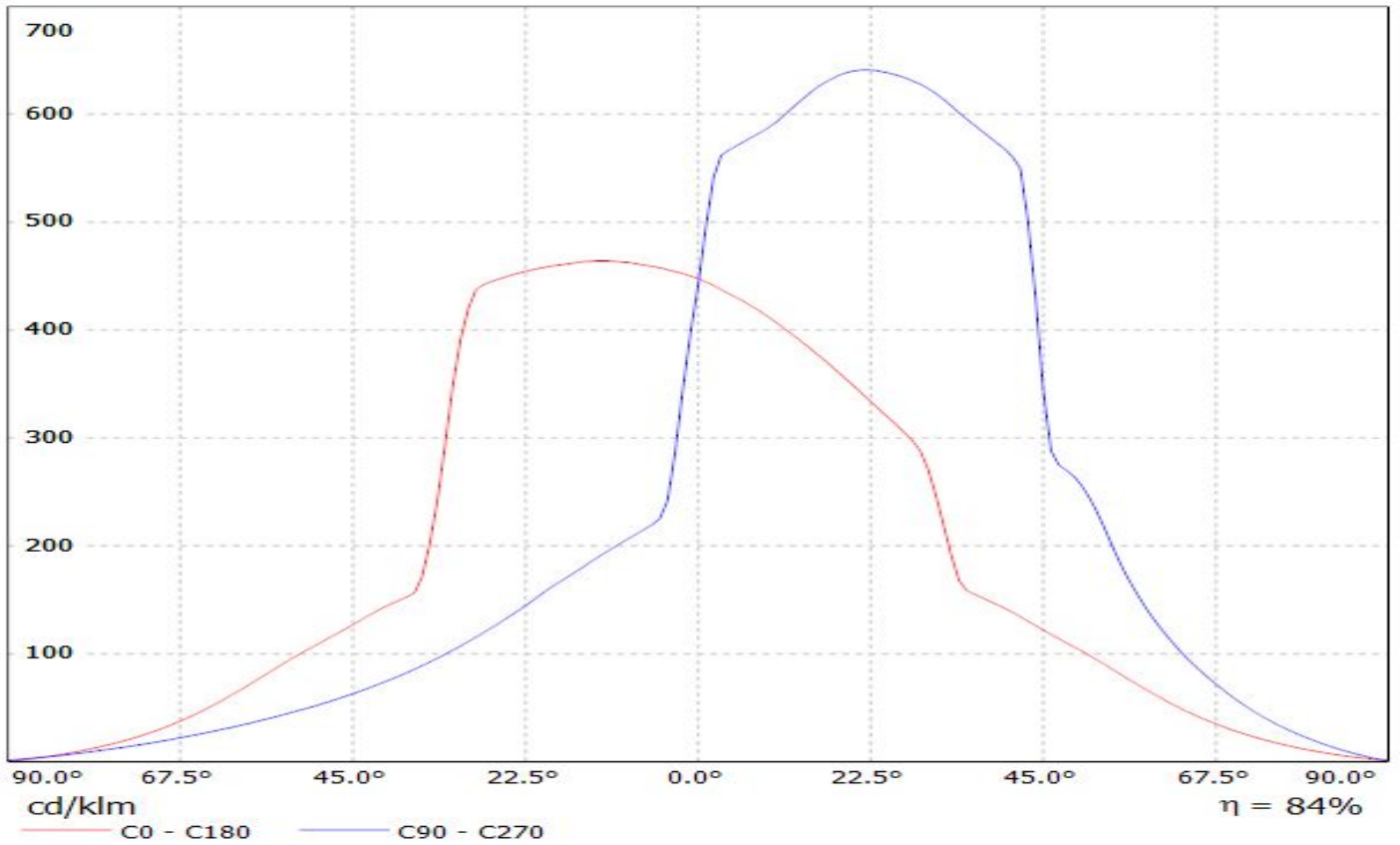
Luminaire: LEDiL Oy CA13177_RITA-WAS_(NS9x383) Eff. 84,8%

Lamps: 1 x Nichia NS9x383 (105lm@250mA)



LEDiL Oy C12516/CA13177_RITA-WAS_(SQ_EC) Eff.84.4% / LDC (Linear)

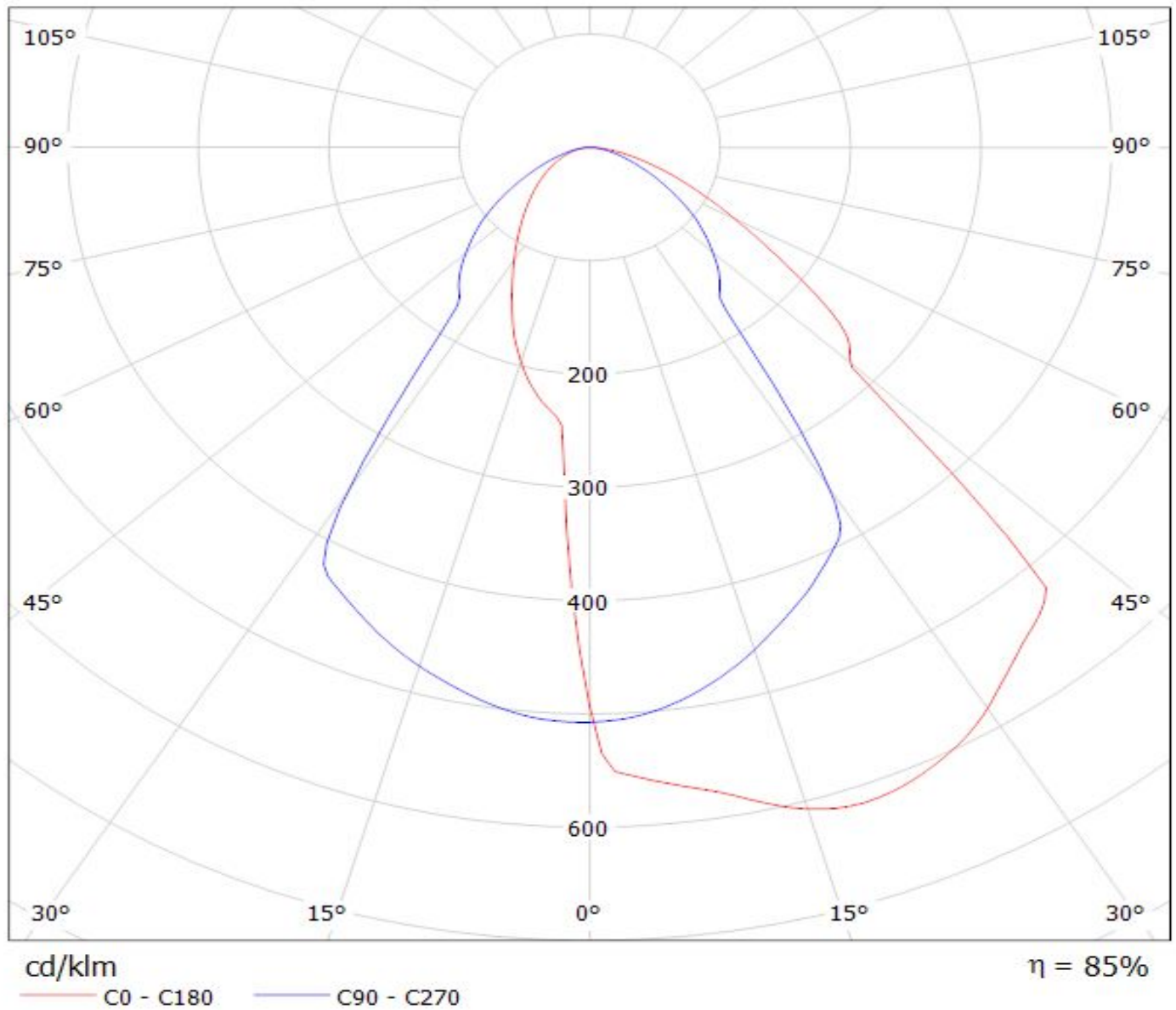
Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(SQ_EC) Eff.84.4%
Lamps: 1 x SQ_EC (68.9006lm@250mA)



LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G) Eff85.5% / LDC (Polar)

Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G) Eff85.5%

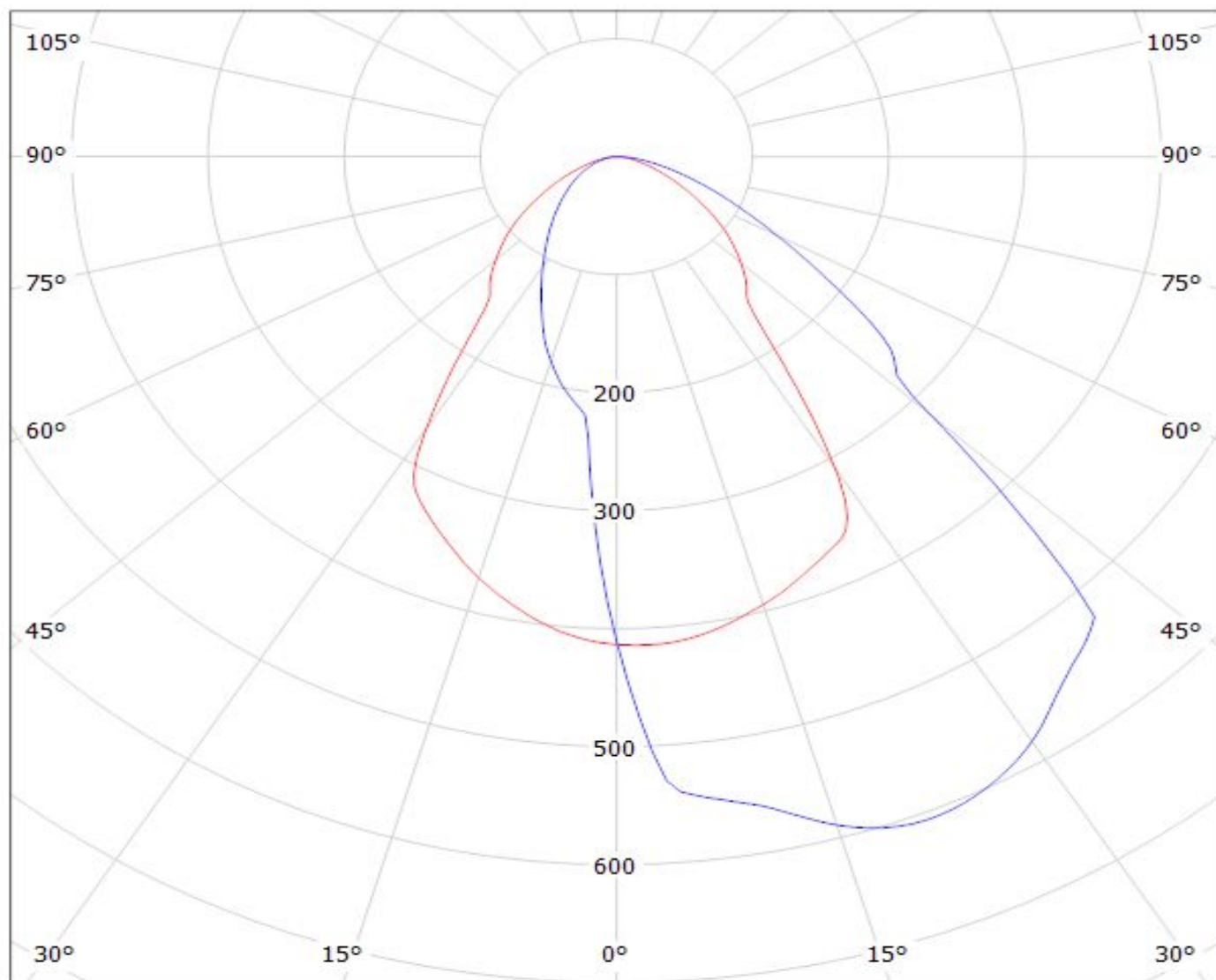
Lamps: 1 x XP-G (70.0094lm@250mA)



LEDiL Oy C12516/CA13177_RITA-WAS_(XM-L) Eff.83.7% / LDC (Polar)

Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XM-L) Eff.83.7%

Lamps: 1 x XM-L (93.1234lm@250mA)



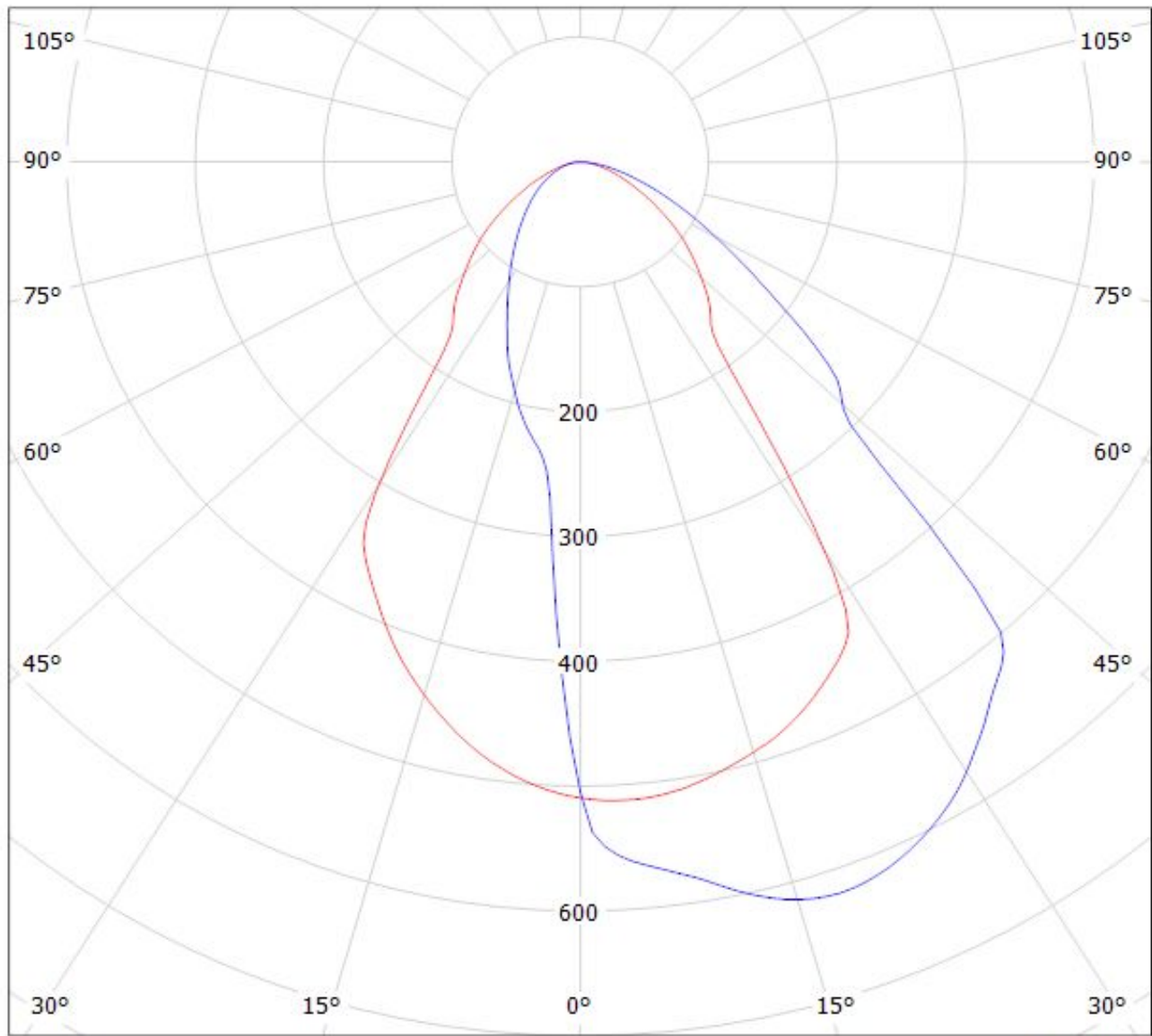
cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy C12516&CA13177_RITA-WAS_(XT-E) Eff.83.4%
Lamps: 1 x XT-E (99.7728lm@250mA)



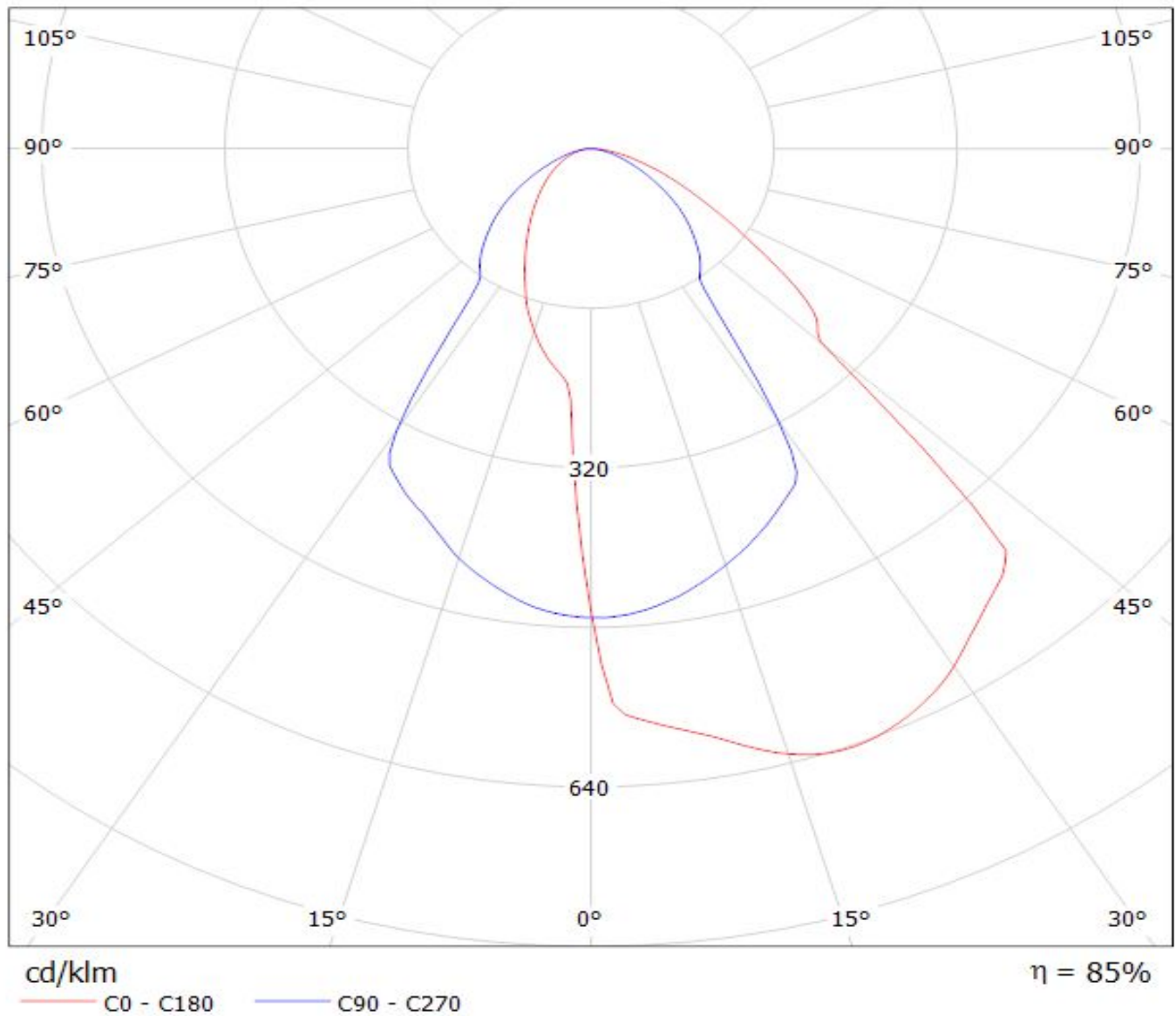
cd/klm

$\eta = 83\%$

— C0 - C180 — C90 - C270

LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G2) Eff.85.25% / LDC (Polar)

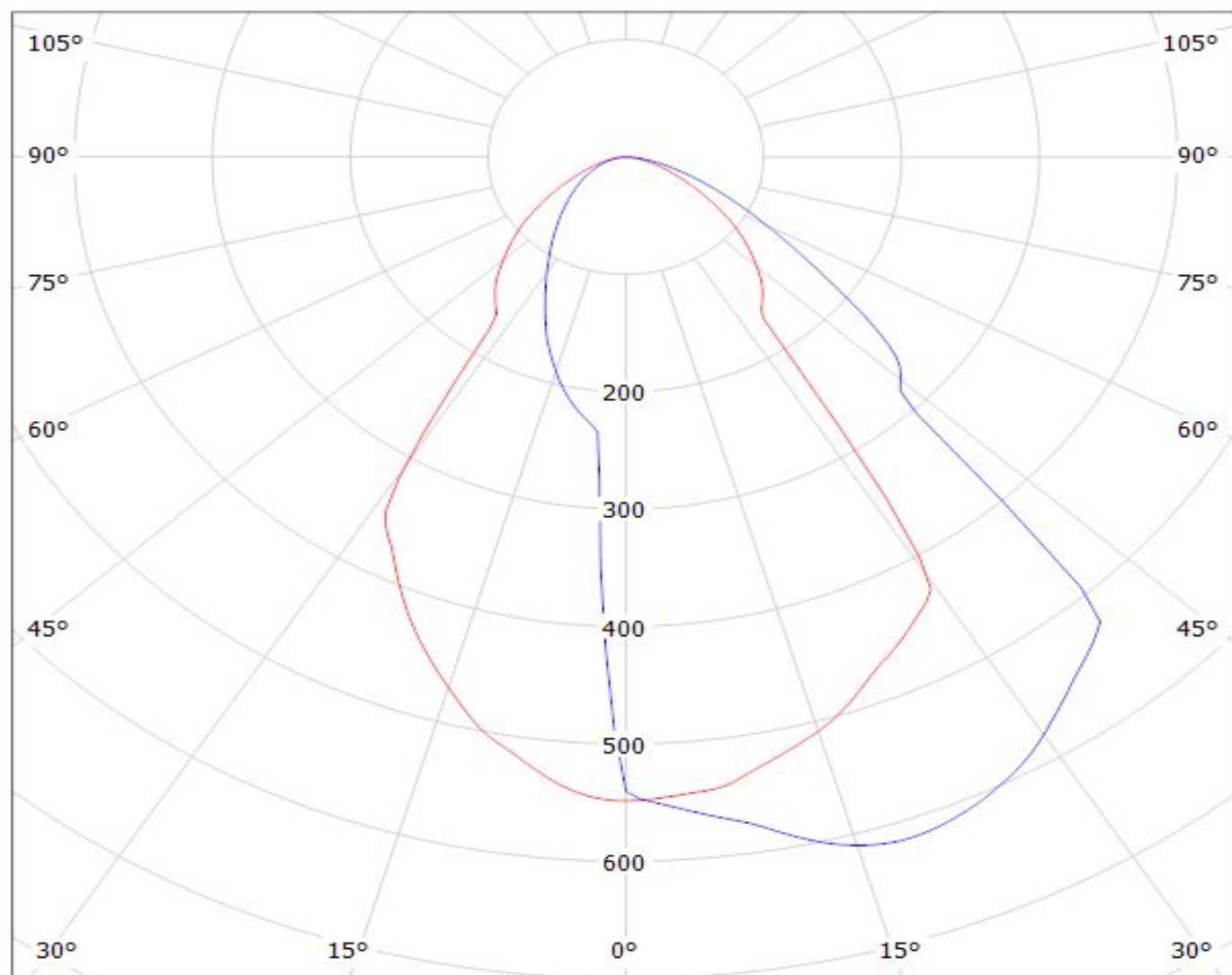
Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XP-G2) Eff.85.25%
Lamps: 1 x XP-G2 (106.037lm@250mA)



LEDiL Oy C12516/CA13177_RITA-WAS_(XP-E) Eff.83.5% / LDC (Polar)

Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(XP-E) Eff.83.5%

Lamps: 1 x XP-E (68.9692lm@250mA)



cd/klm

— C0 - C180

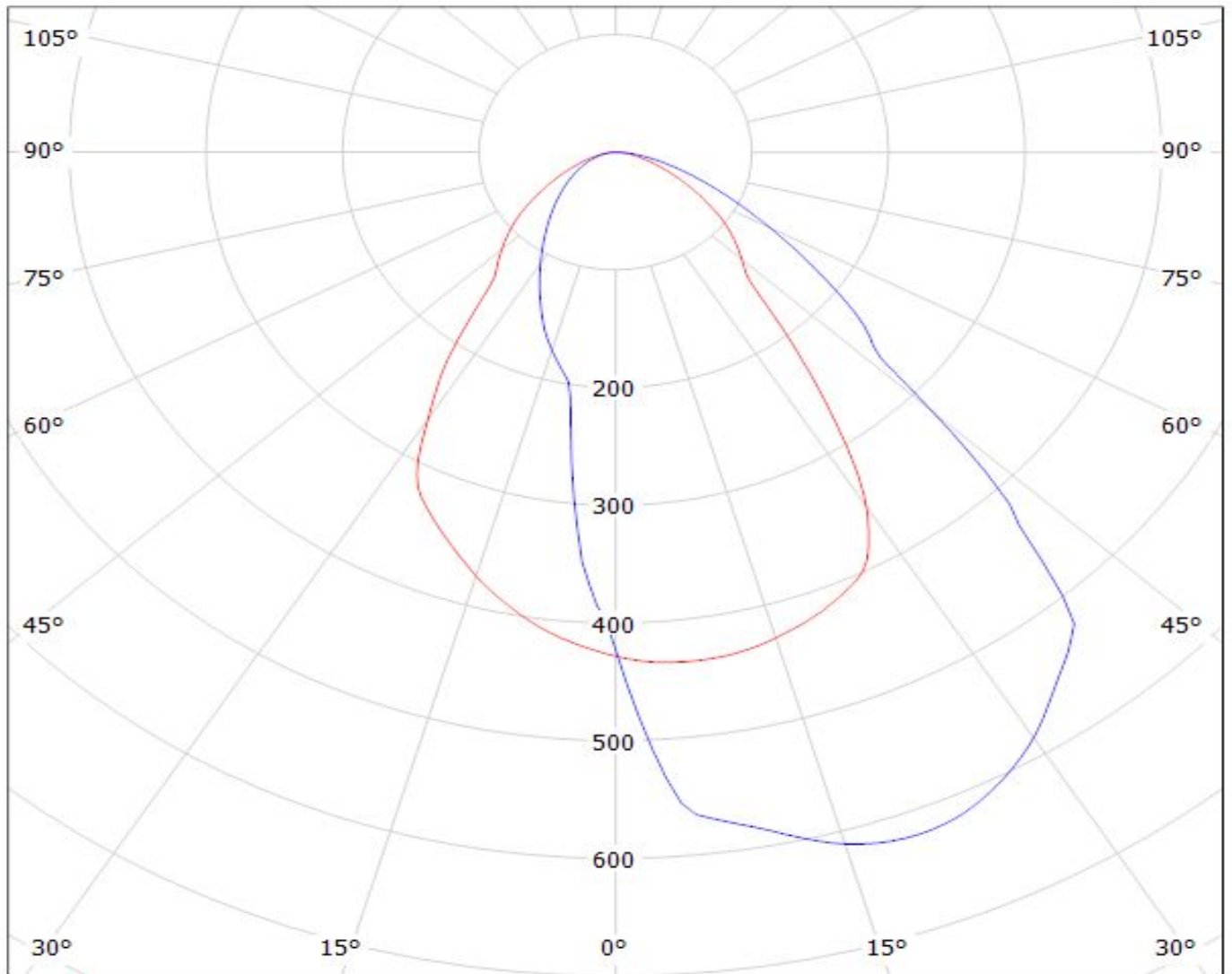
— C90 - C270

$\eta = 83\%$

LEDiL Oy CA13177_RITA-WAS_(CREE_MKR) Eff.84.5% / LDC (Polar)

Luminaire: LEDiL Oy CA13177_RITA-WAS_(CREE_MKR) Eff.84.5%

Lamps: 1 x MK-R (368.505lm@250mA)

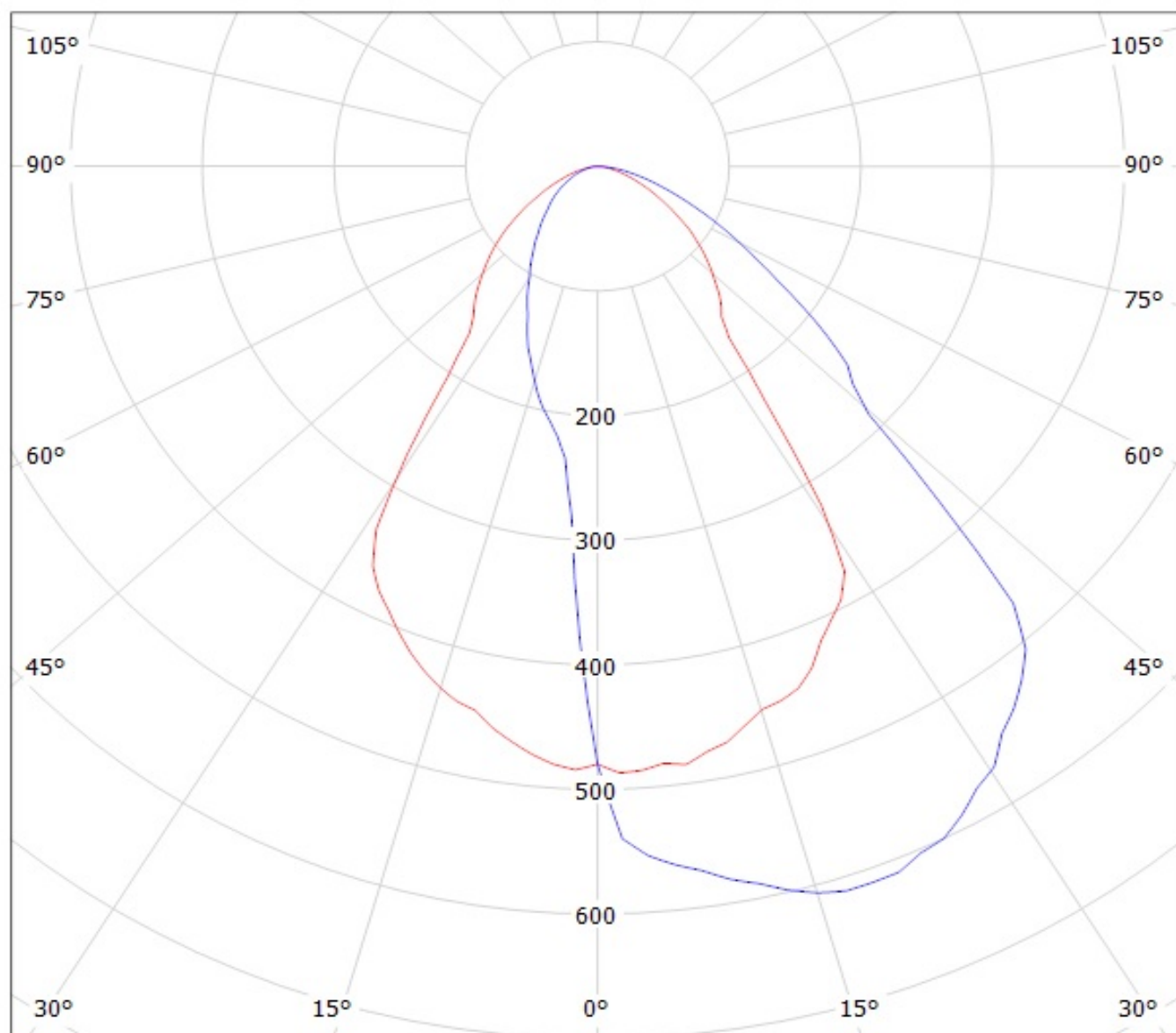


cd/klm

— C0 - C180 — C90 - C270

$\eta = 84\%$

Luminaire: Ledil Oy CA13177_RITA-WAS (Cree XB-D 94lm @ 250mA) Efficiency=82%
Lamps: 1 x Cree XB-D 94lm @ 250mA

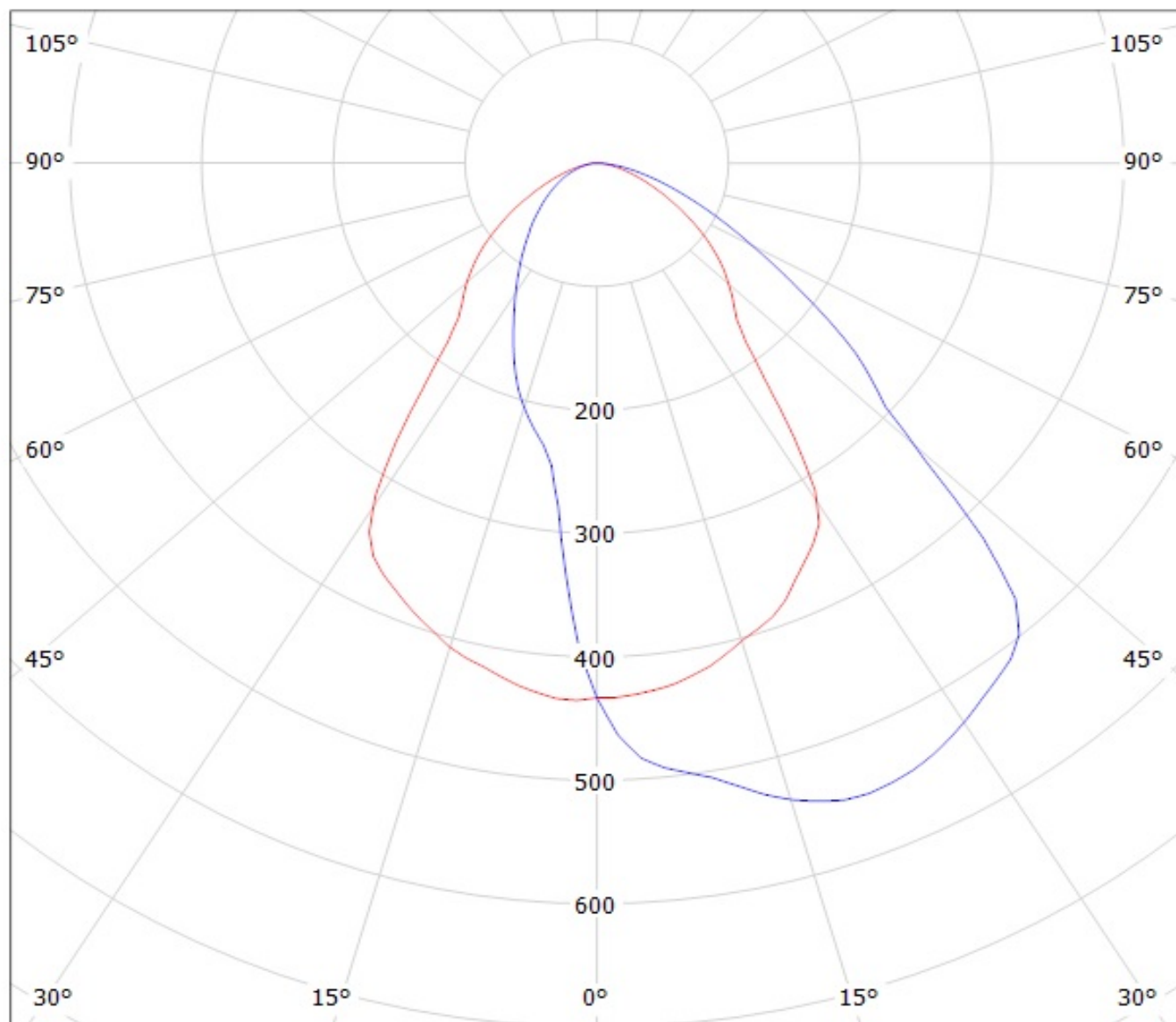


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy CA13177_RITA-WAS_(XM-L2) Efficiency=83%
Lamps: 1 x Cree XM-L2 (100lm @ 250mA) P=0.7W I=250mA

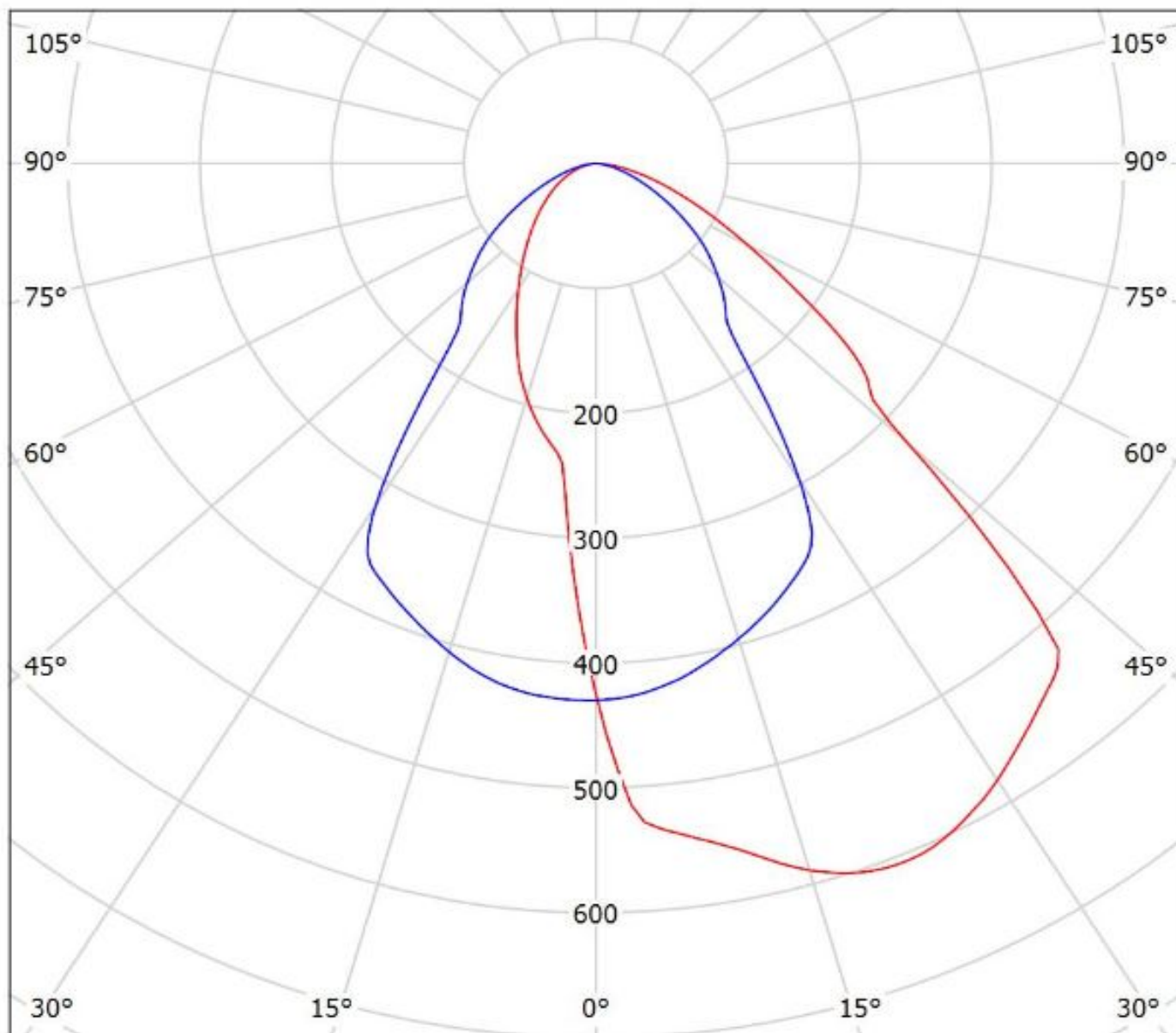


cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil CA13177_RITA-WAS_(XP-L)

Lamps: 1 x Cree_XP-L_126.98lm@250mA_P=0.73755W_I=0.25A

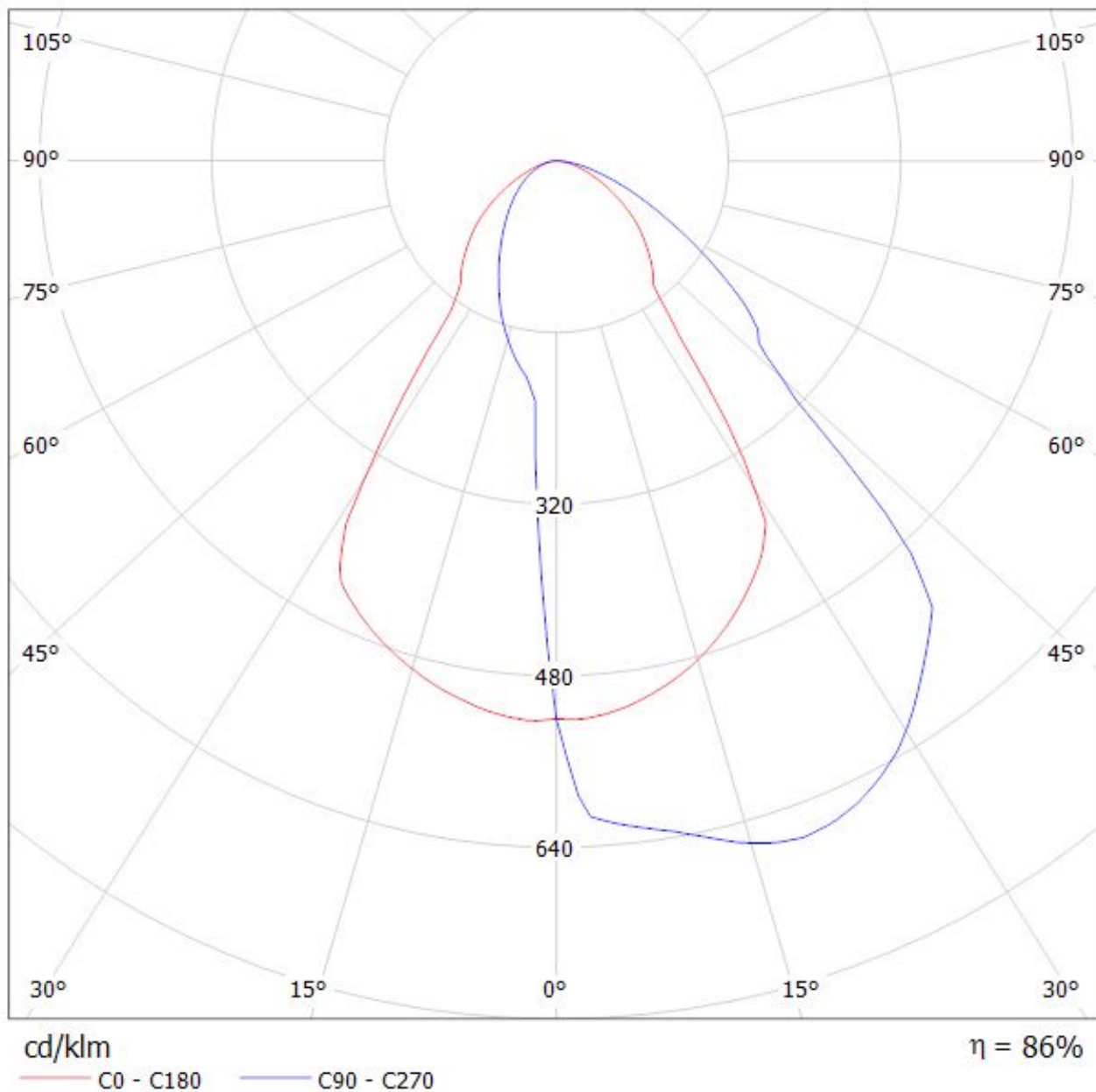


cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

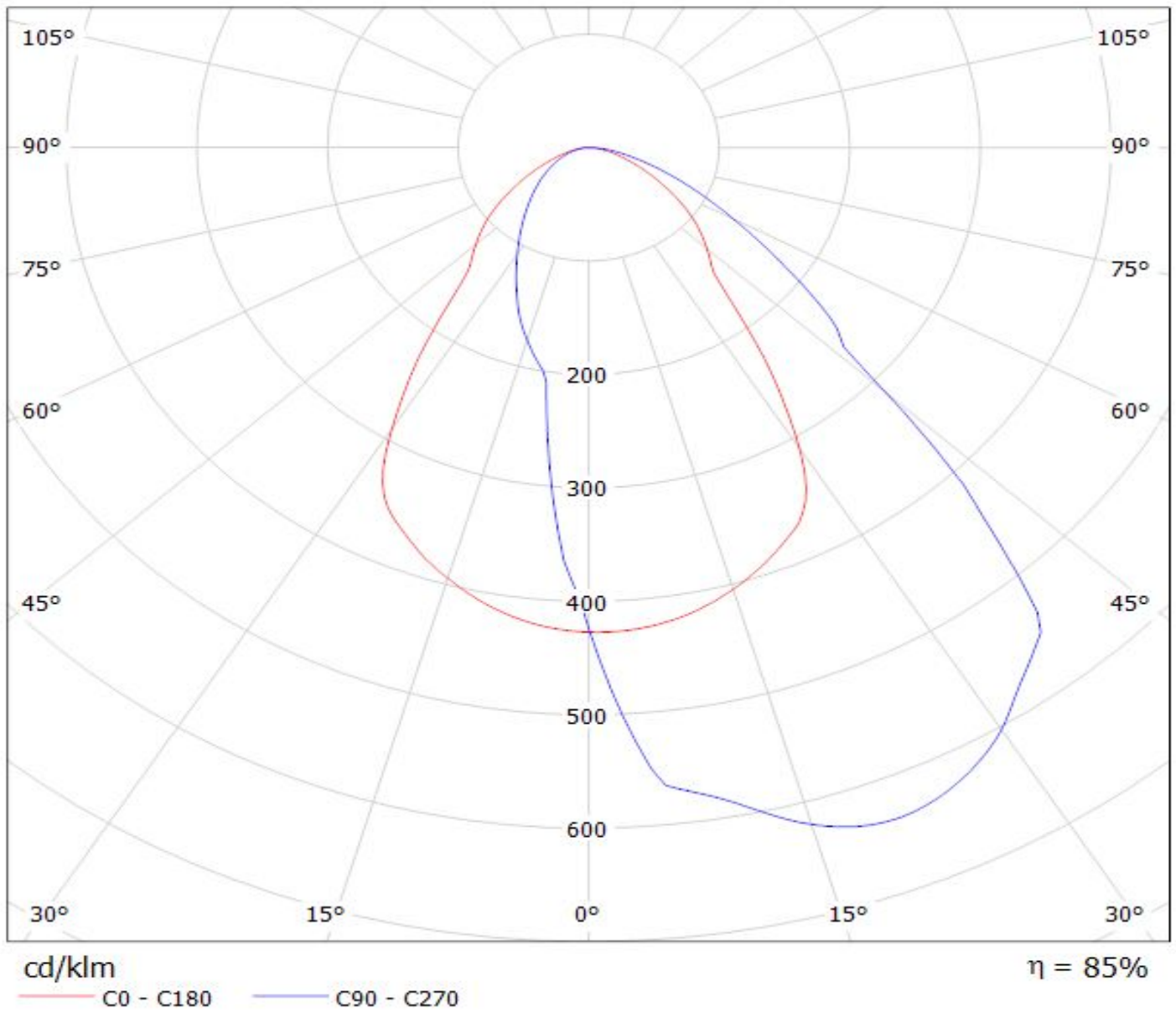
Luminaire: LEDiL Oy C12516&CA13177_RITA-WAS_(Luxeon-A) Eff.85.8%
Lamps: 1 x LUXEON_A (60.4142lm@250mA)



LEDiL Oy C12516/CA13177_RITA-WAS_(Luxeon_M) Eff.85% / LDC (Polar)

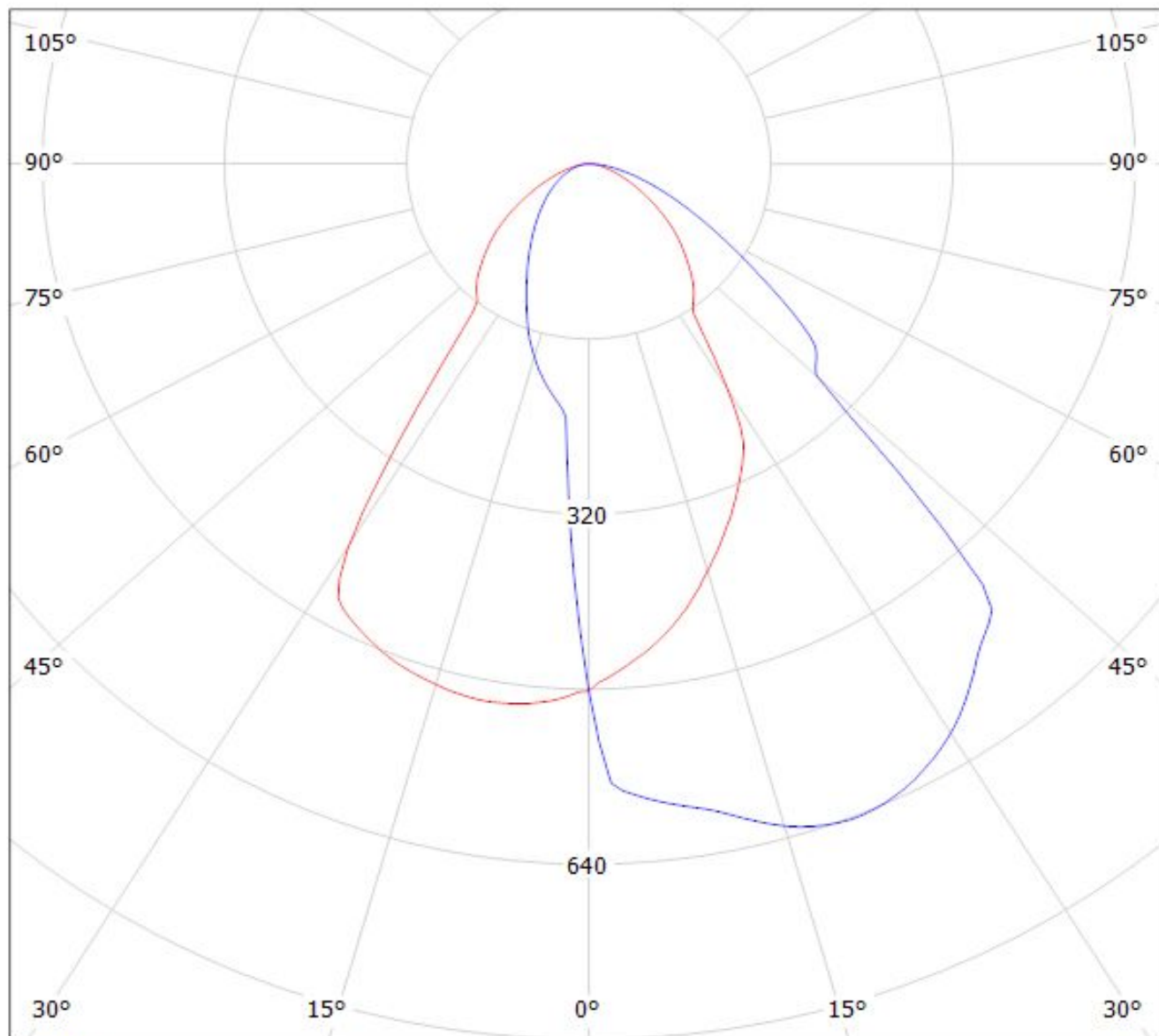
Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(Luxeon_M) Eff.85%

Lamps: 1 x Luxeon M (361.96lm@250mA)



Luminaire: LEDiL Oy C12516&CA13177_RITA-WAS_(LUXEON_T) Eff.84%

Lamps: 1 x LUXEON T (70lm@250mA)



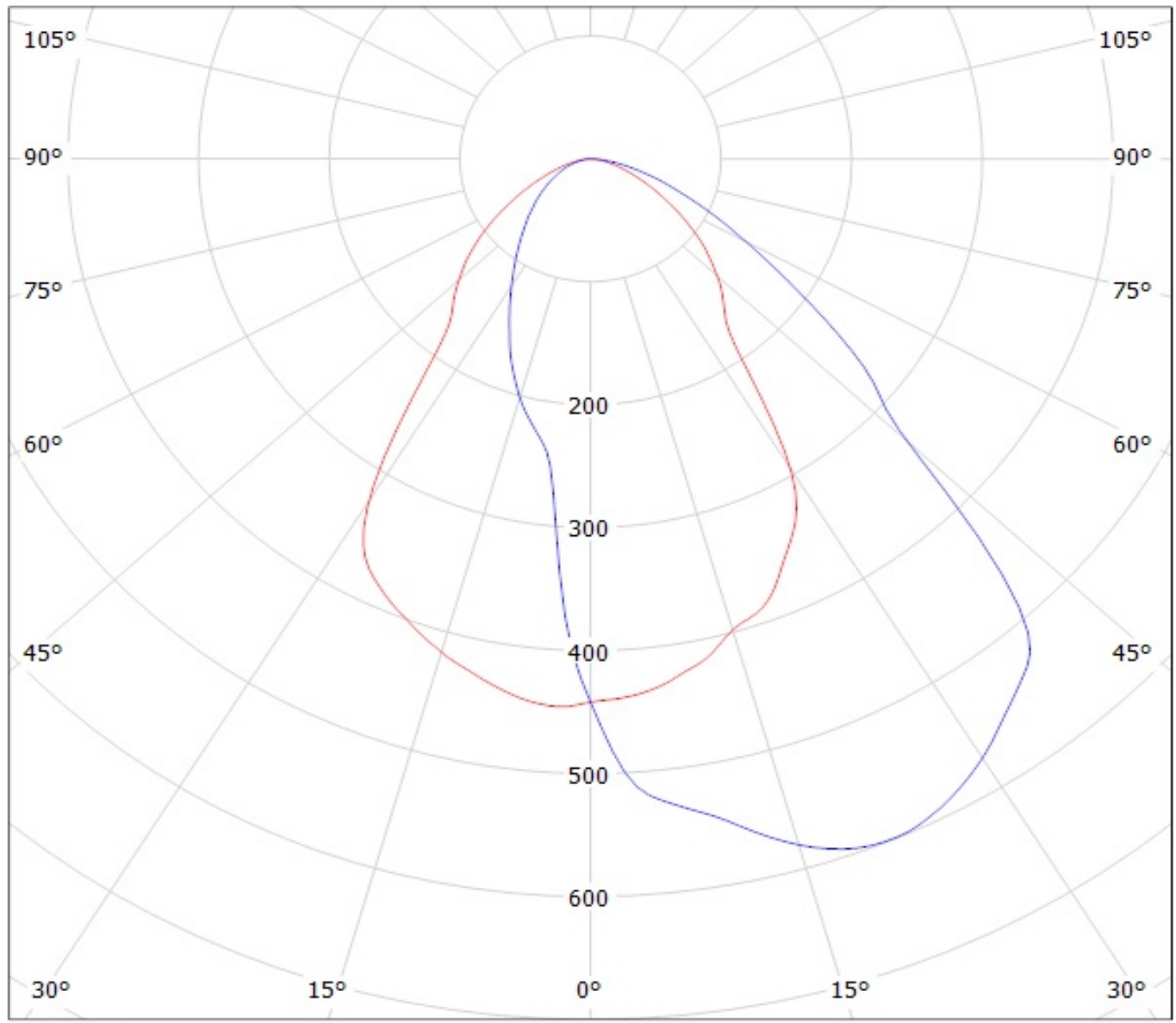
cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: LEDil Oy CA13177_RITA-WAS_(Luxeon_MZ) Efficiency=84%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA

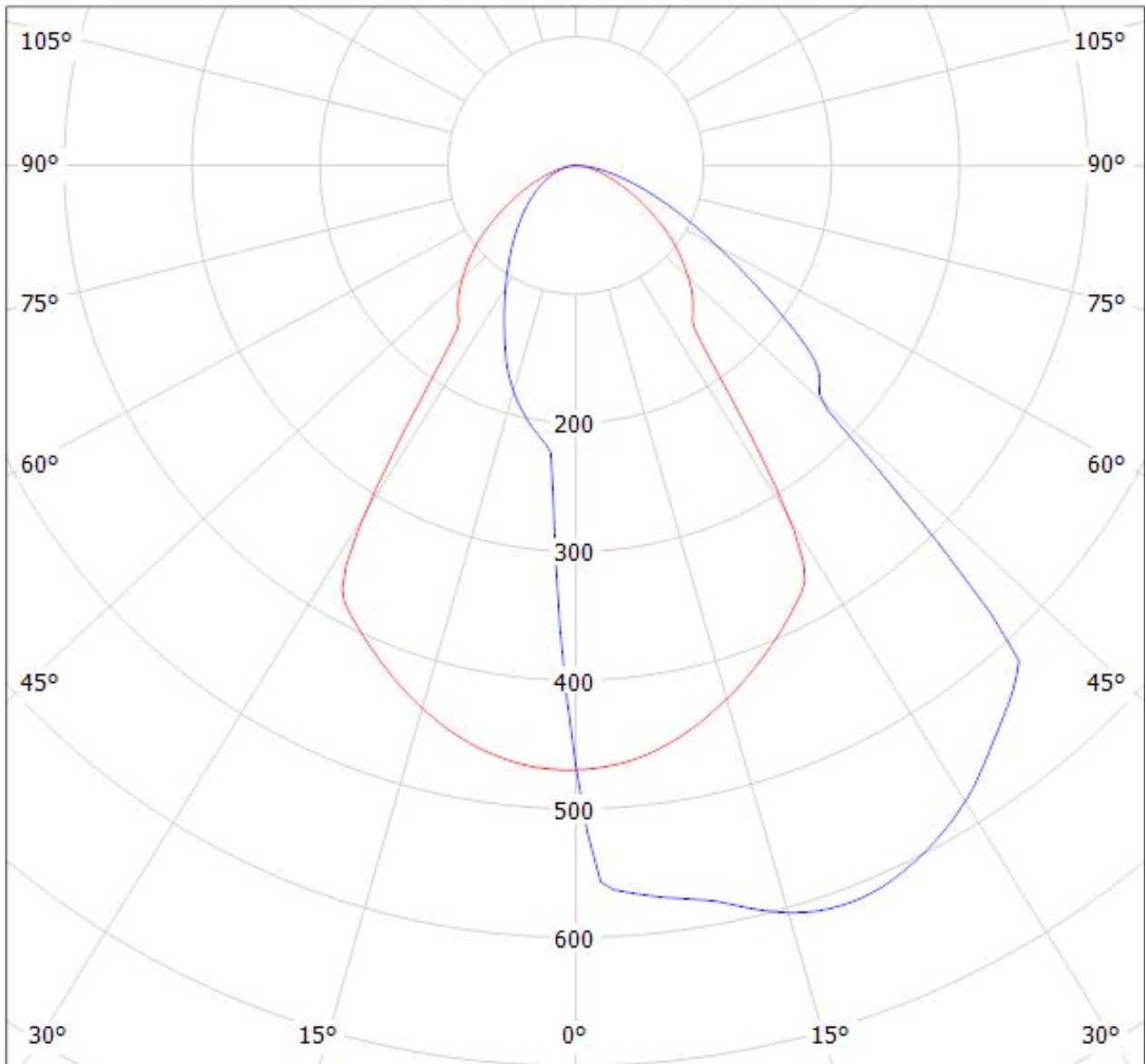


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA13177_RITA-WAS_(Luxeon_TX) Eff.83.4%

Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.2531lm@250mA_CCT=3500K_P=0.730933W_I=249.9mA



cd/klm

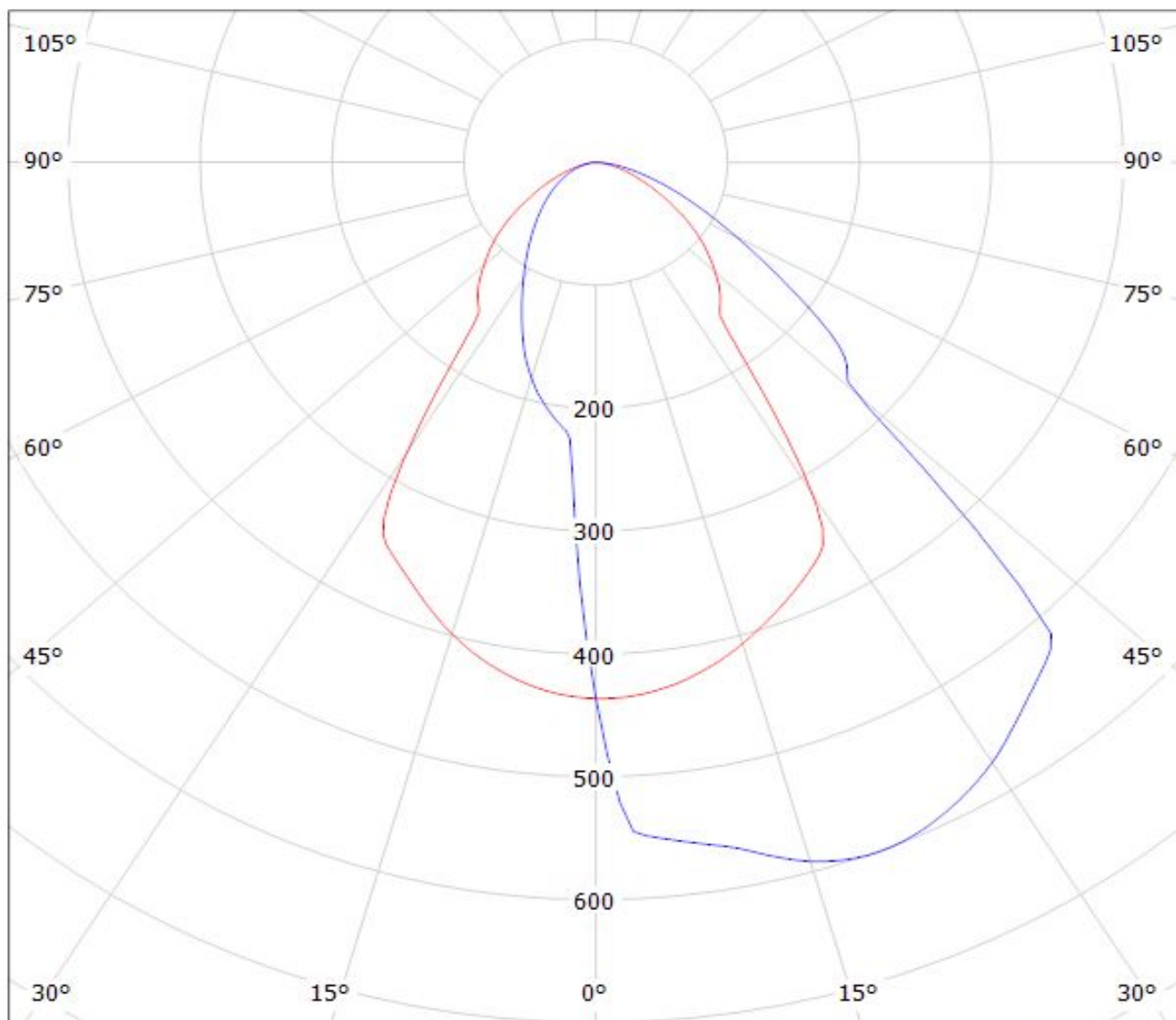
— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy CA13177_RITA-WAS_(NVSL219CE)

Lamps: 1 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A

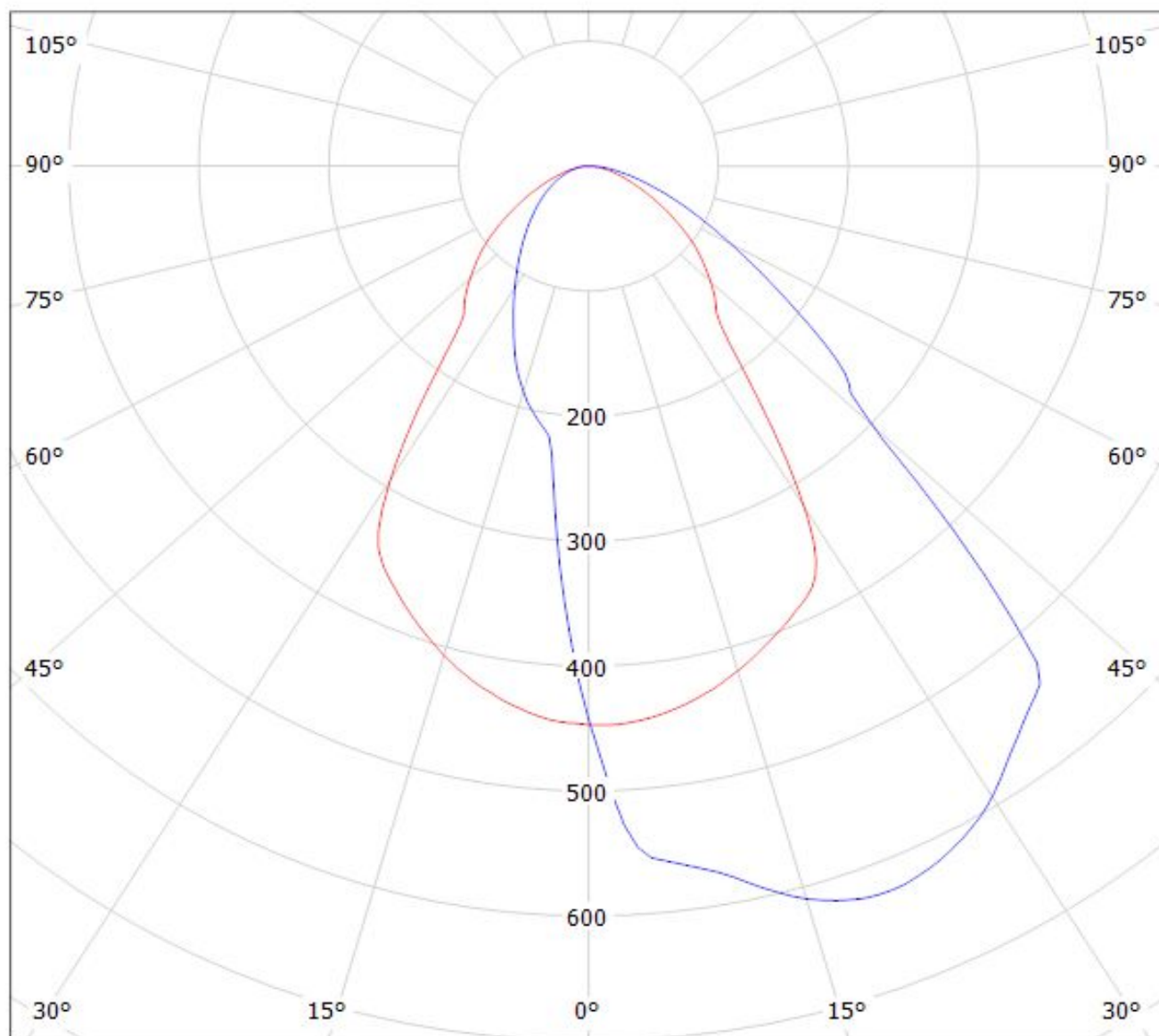


cd/klm

$\eta = 82\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA13177_RITA-WAS_(NS9x383) Eff. 84,8%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



cd/klm

— C0 - C180

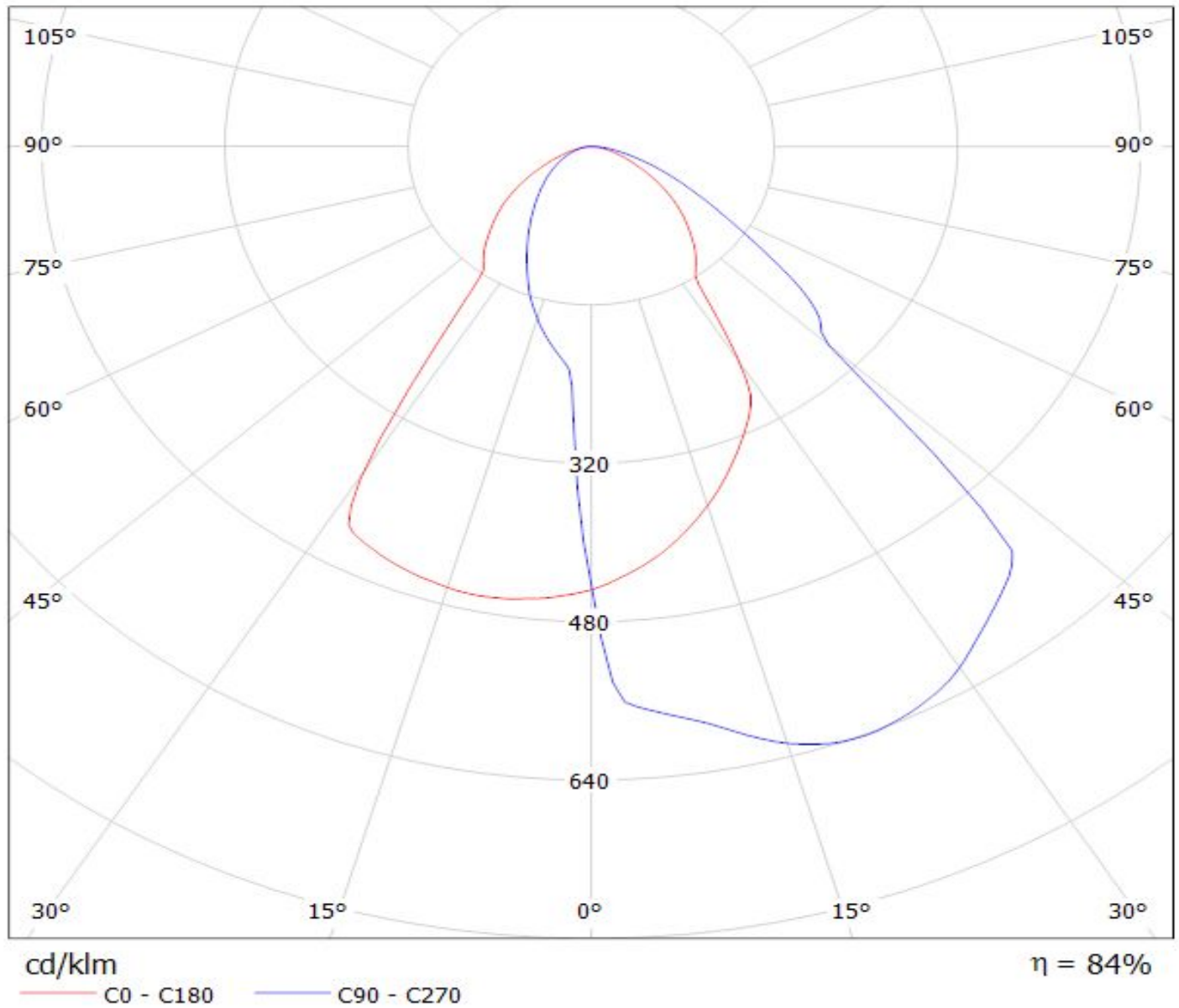
— C90 - C270

$\eta = 85\%$

LEDiL Oy C12516/CA13177_RITA-WAS_(SQ_EC) Eff.84.4% / LDC (Polar)

Luminaire: LEDiL Oy C12516/CA13177_RITA-WAS_(SQ_EC) Eff.84.4%

Lamps: 1 x SQ_EC (68.9006lm@250mA)



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.