DETAILS

Product Number	CA14120_STRADA-SQ-FS2
Family	Strada
Type	Assembly
Color	clear
Diameter	25x25 mm
Height	8,2 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	7/03/2017

OPTICAL PROPERTIES

| LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
PSL440	Asymmetric deg	Streetligh...	91 %	0.660	-
PSL445	Asymmetric deg	Streetligh...	91 %	0.450	-
MK-R	Asymmetric deg	Streetligh...	81 %	0.425	-
MHB-A	sim: Asymmetri	Streetligh...	-	-	-
XHP70	Asymmetric deg	Streetligh...	78 %	0.420	Undefined Manufacturer: Protective Plate, Glass
LUXEON M/MX	Asymmetric deg	Streetligh...	81 %	0.440	Undefined Manufacturer: Protective Plate, Glass
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Streetligh...	92 %	0.550	-
Duris S10	Asymmetric deg	Streetligh...	88 %	0.570	-
Duris P10	sim: Asymmetri	Streetligh...	sim: 88 %	sim: 0.630	-

D | C | B | A
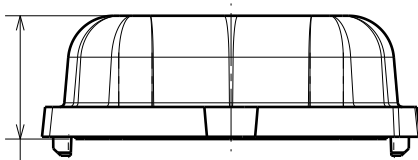
4

Tape

$\phi 2$

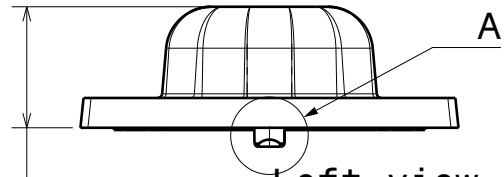25.4
c / c

21.52
c / c

Bottom view
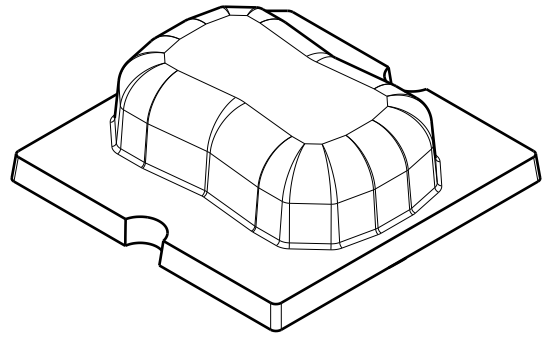
Isometric view

3

Front view

8.15
with tape
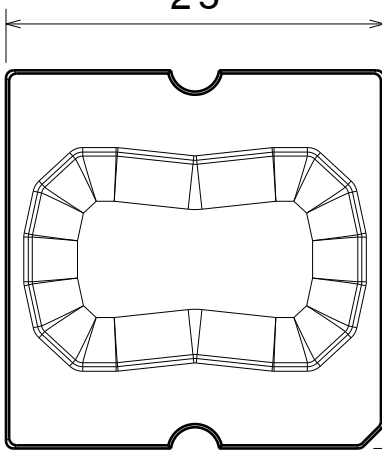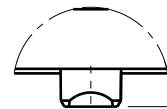
A

Left view

8
w/o tape

2

25

25

Top view

Detail A

1.25

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:
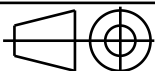
DRAWING TITLE

Datasheet STRADA-SQ-FS2

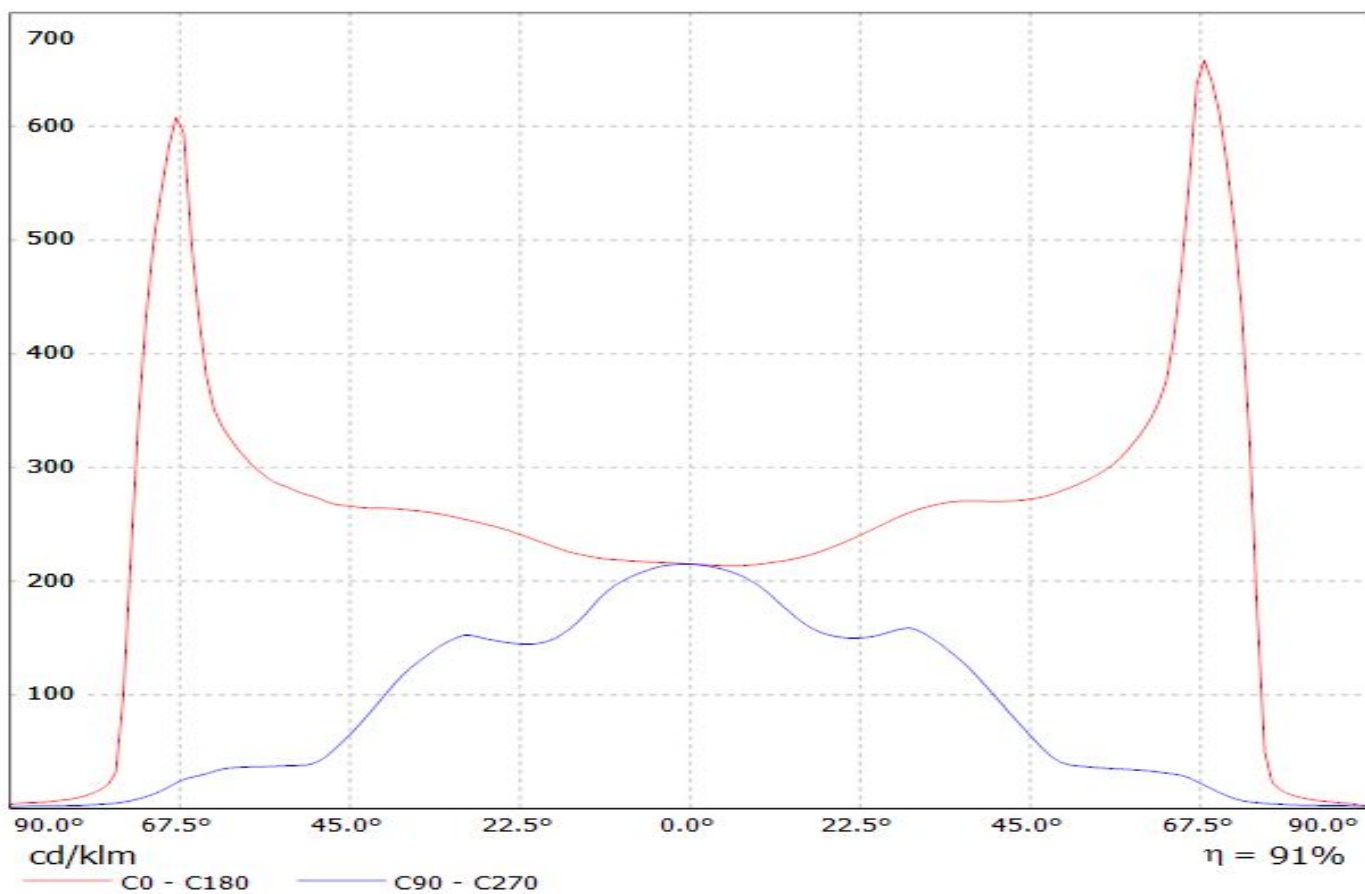| SIZE	PART NUMBER			
A4	-			

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

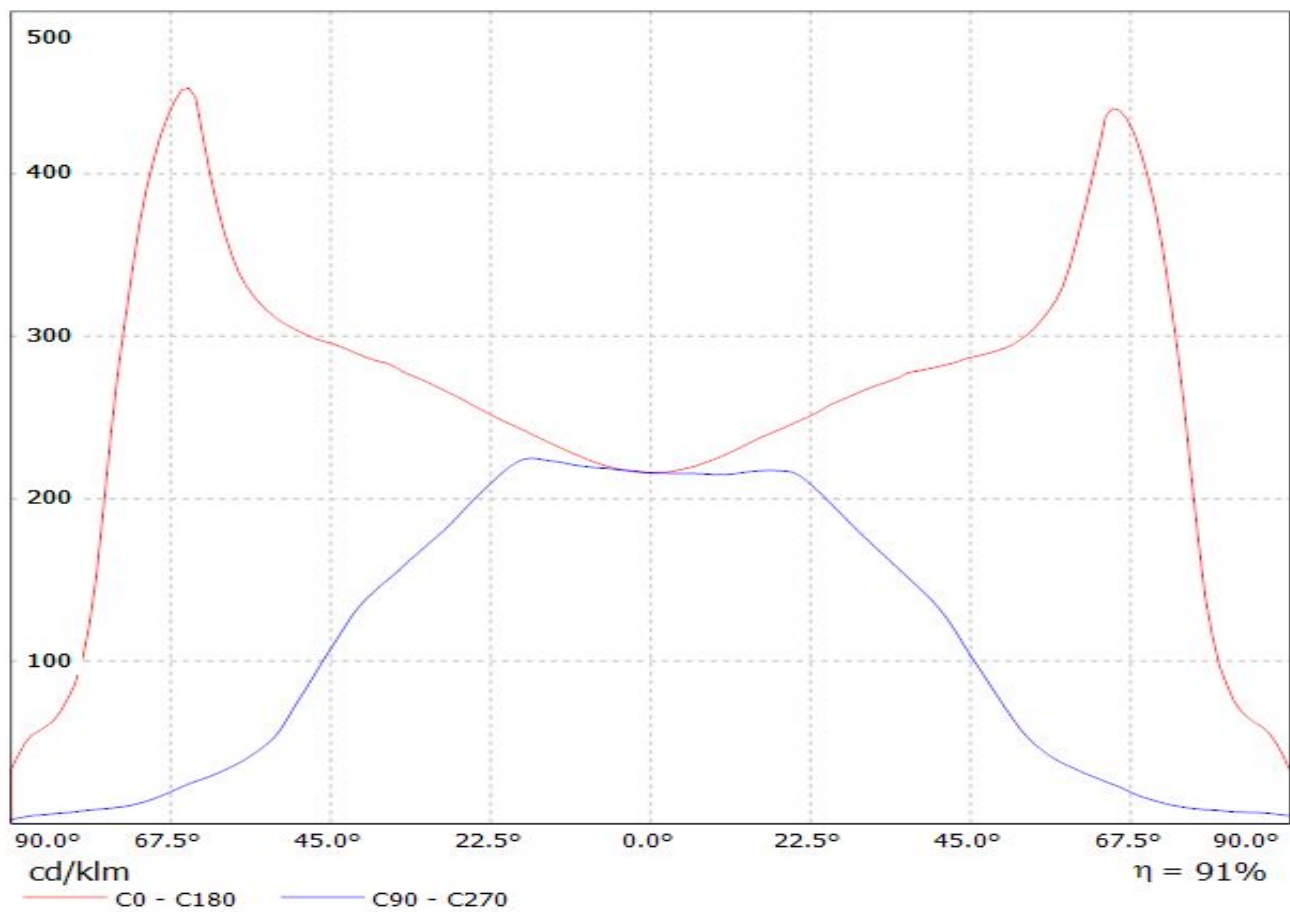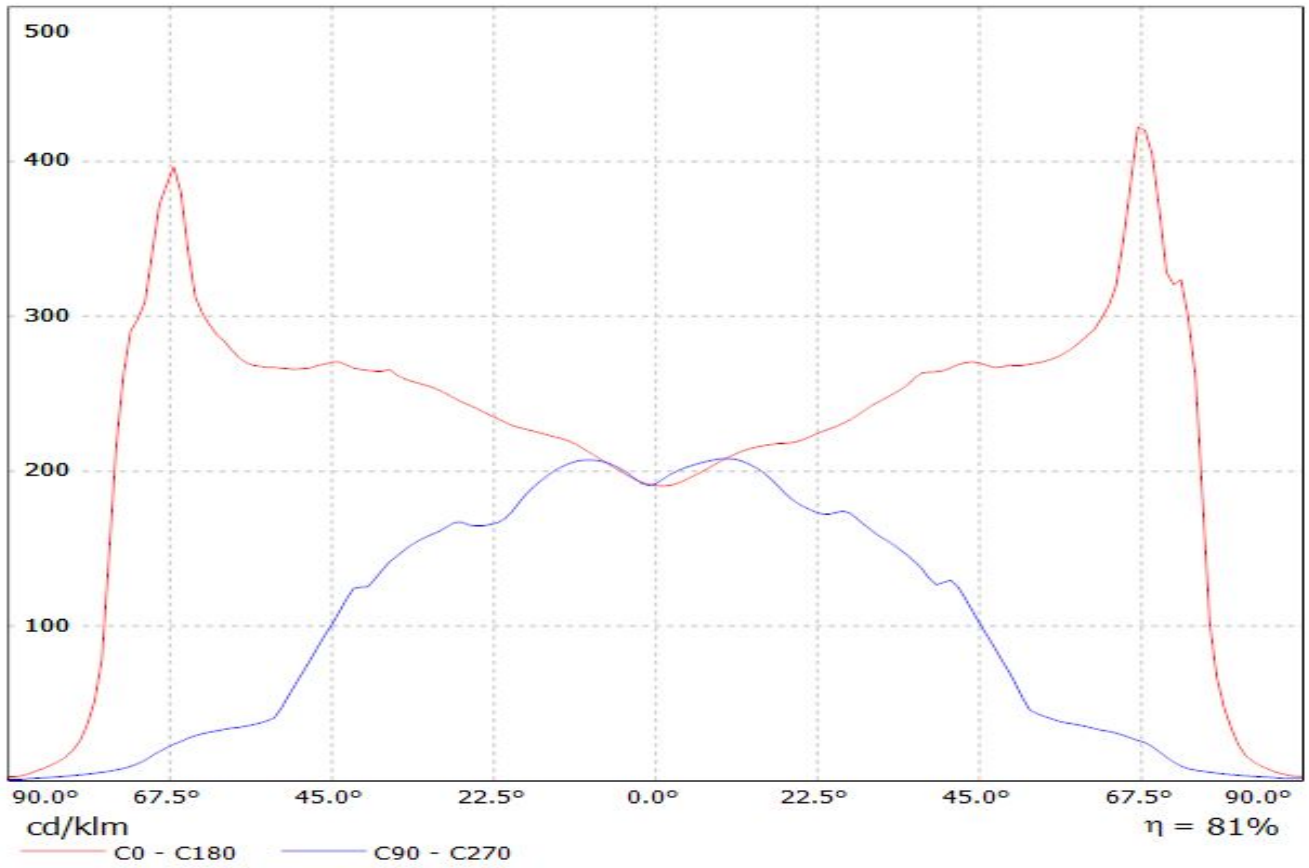D | A

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(PSL440)
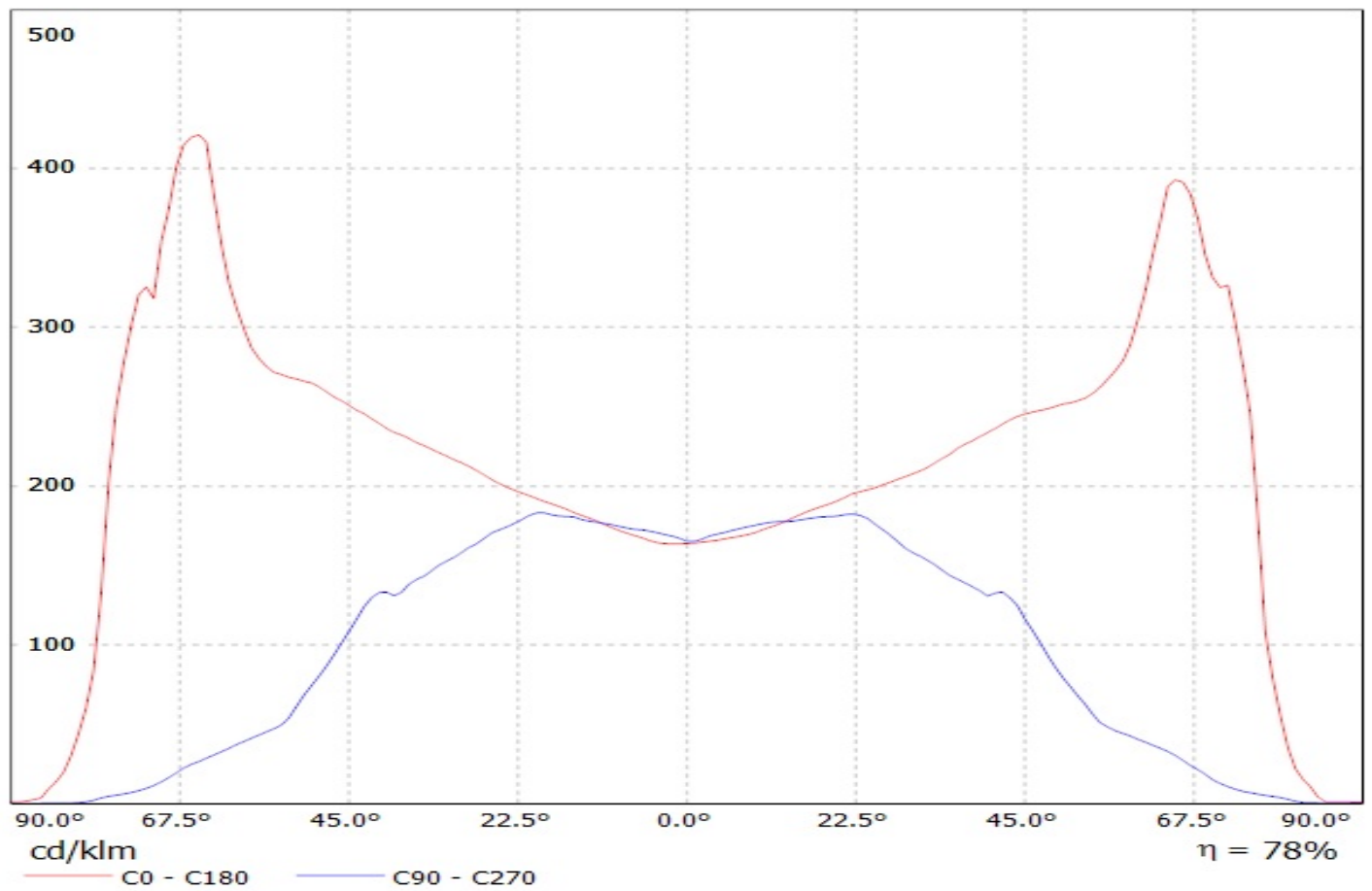Lamps: 1 x Citizen_PSL440_254.954lm@250mA_P=2.86296W_I=0.250A

cd/klm

η = 91%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(PSL445)
Lamps: 1 x Citizen_PSL445_424.116lm@250mA_P=2.81625W_I=0.250A_CCT=2700K
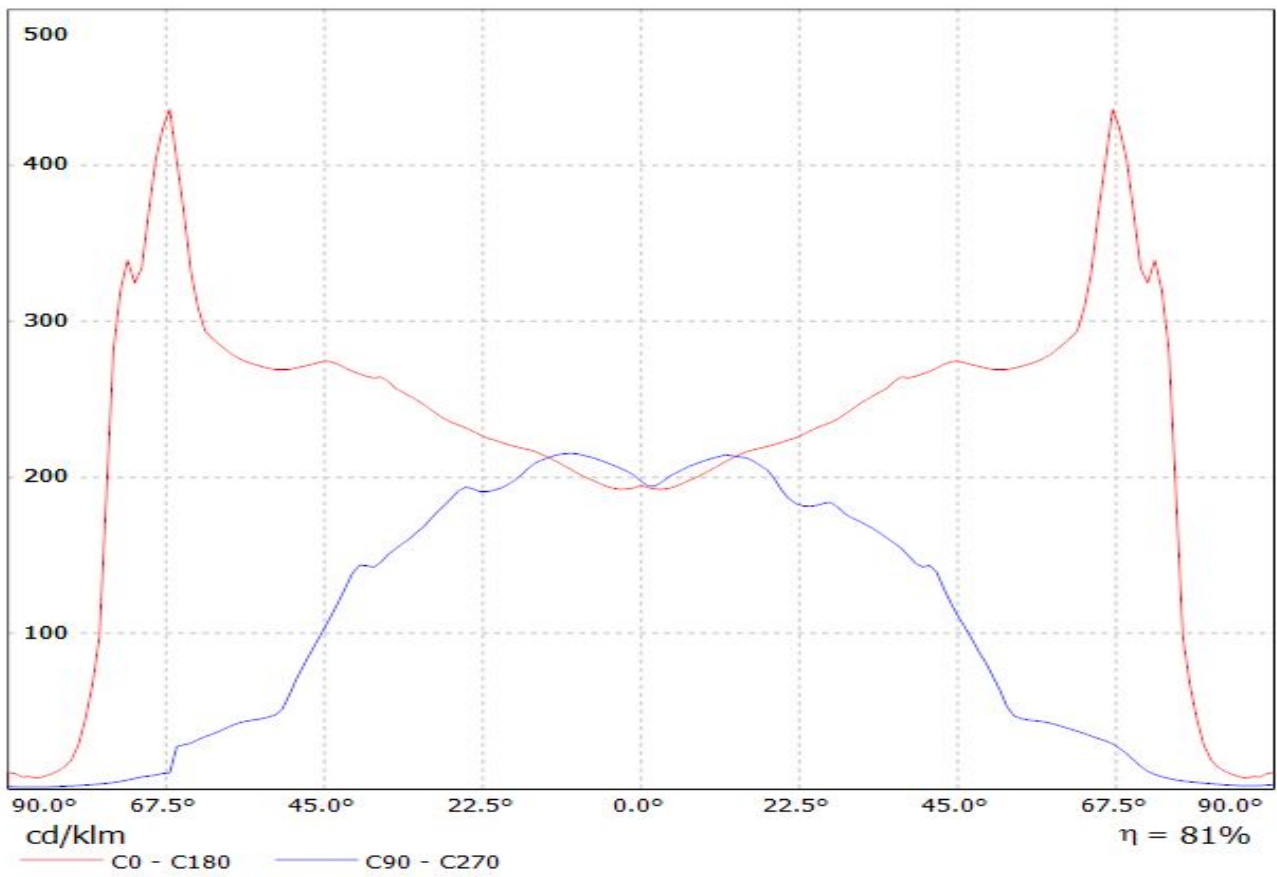
cd/klm

η = 91%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(MK-R)+glass Eff.80.8%
Lamps: 1 x Cree_MK-R_354.207lm@250mA_CCT=3276K_P=2.84547W_I=249.8mA

cd/klm

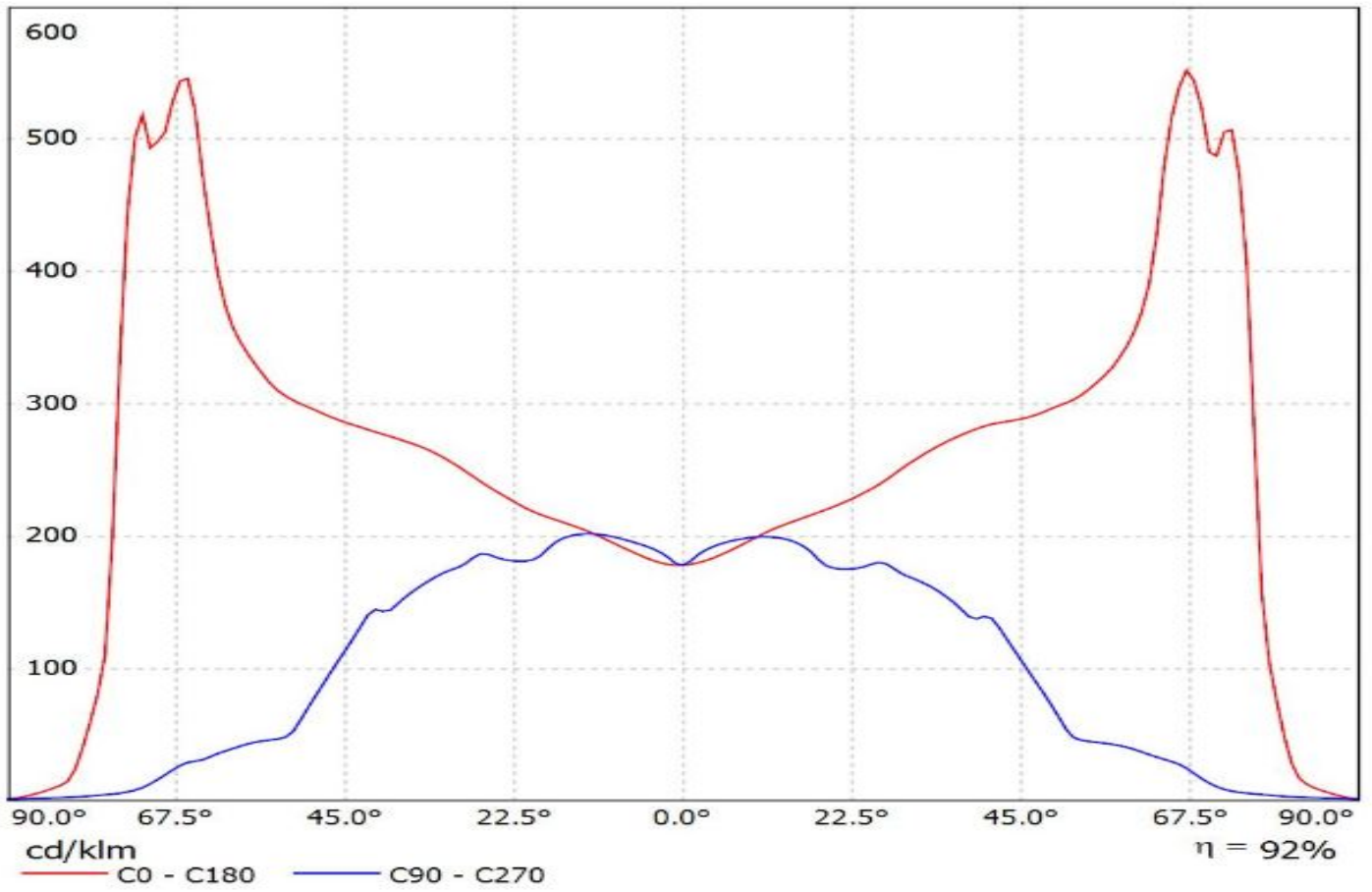η = 81%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(XHP70)_glass
Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A

cd/klm

η = 78%
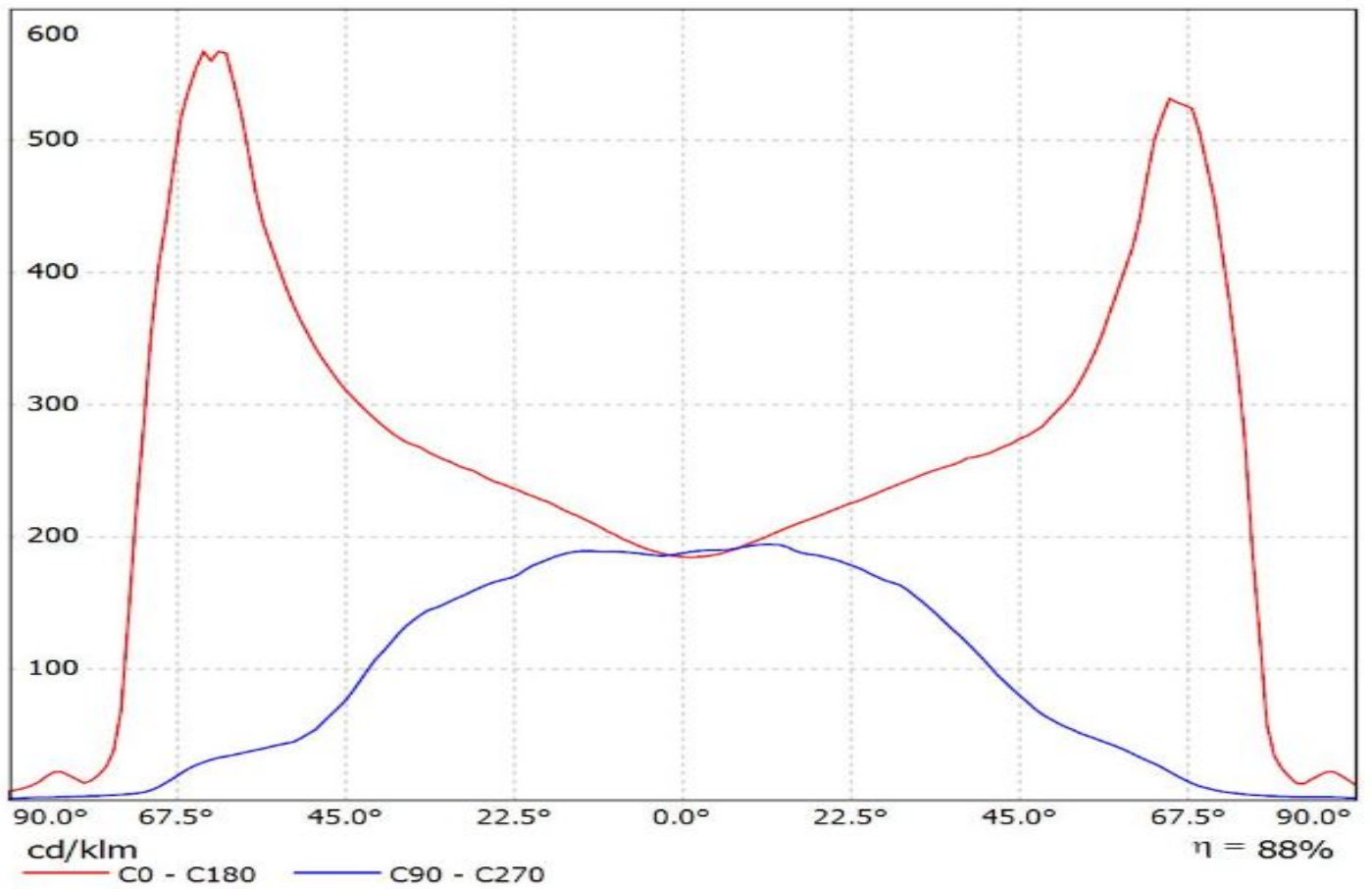
C0 - C180   C90 - C270

Luminaire: LEDiL Oy CA14120_&_CA14122_(LUXEON_M)_glass
Lamps: 1 x LUXEON_M_(LXR7-SW30)_340lm@250mA_P=2.79W_I=249.8mA

cd/klm

η = 81%

C0 - C180   C90 - C270
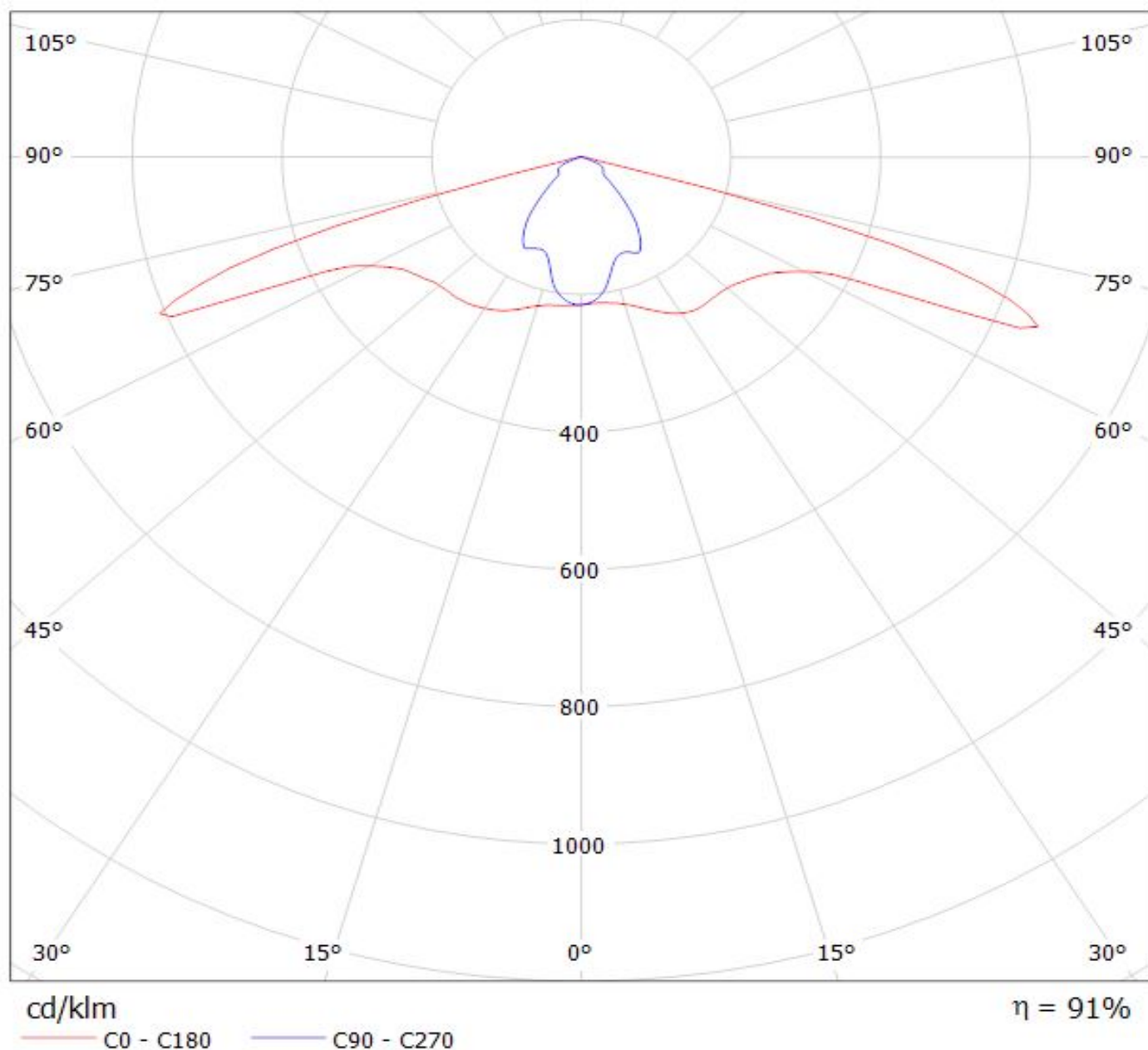
Luminaire: Ledil CA14120_STRADA-SQ-FS2_(LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A

cd/klm

η = 92%

C0 - C180   C90 - C270

Luminaire: Ledil CA14120_STRADA-SQ-FS2_(Duris_S10)
Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_1003.2lm@250mA_P=9.2390W_I=0.25A

cd/klm

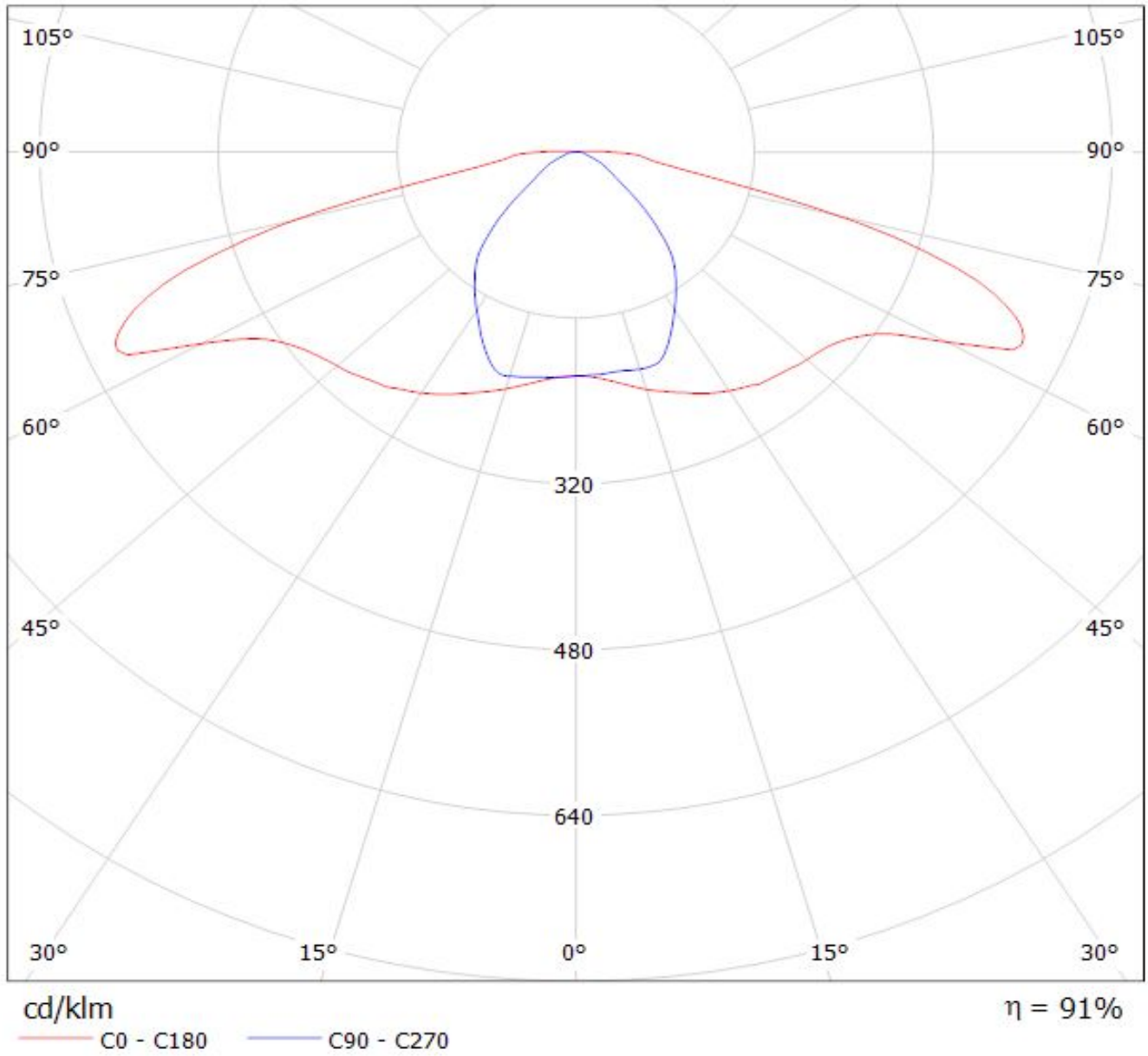—— C0 - C180   —— C90 - C270

η = 88%

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(PSL440)
Lamps: 1 x Citizen_PSL440_254.954lm@250mA_P=2.86296W_I=0.250A
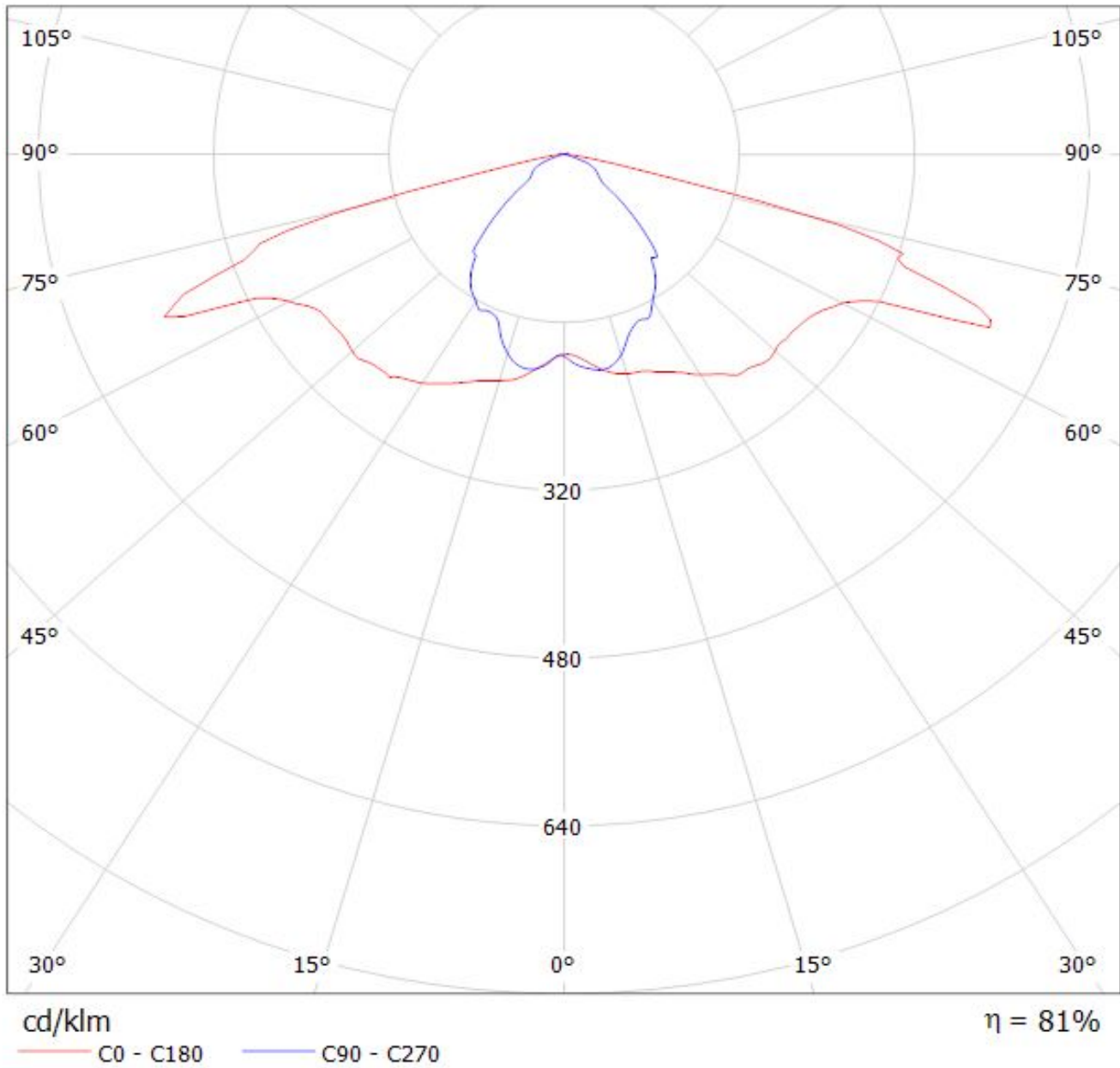

cd/klm

η = 91%

—— C0 - C180   —— C90 - C270

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(PSL445)
Lamps: 1 x Citizen_PSL445_424.116lm@250mA_P=2.81625W_I=0.250A_CCT=2700K
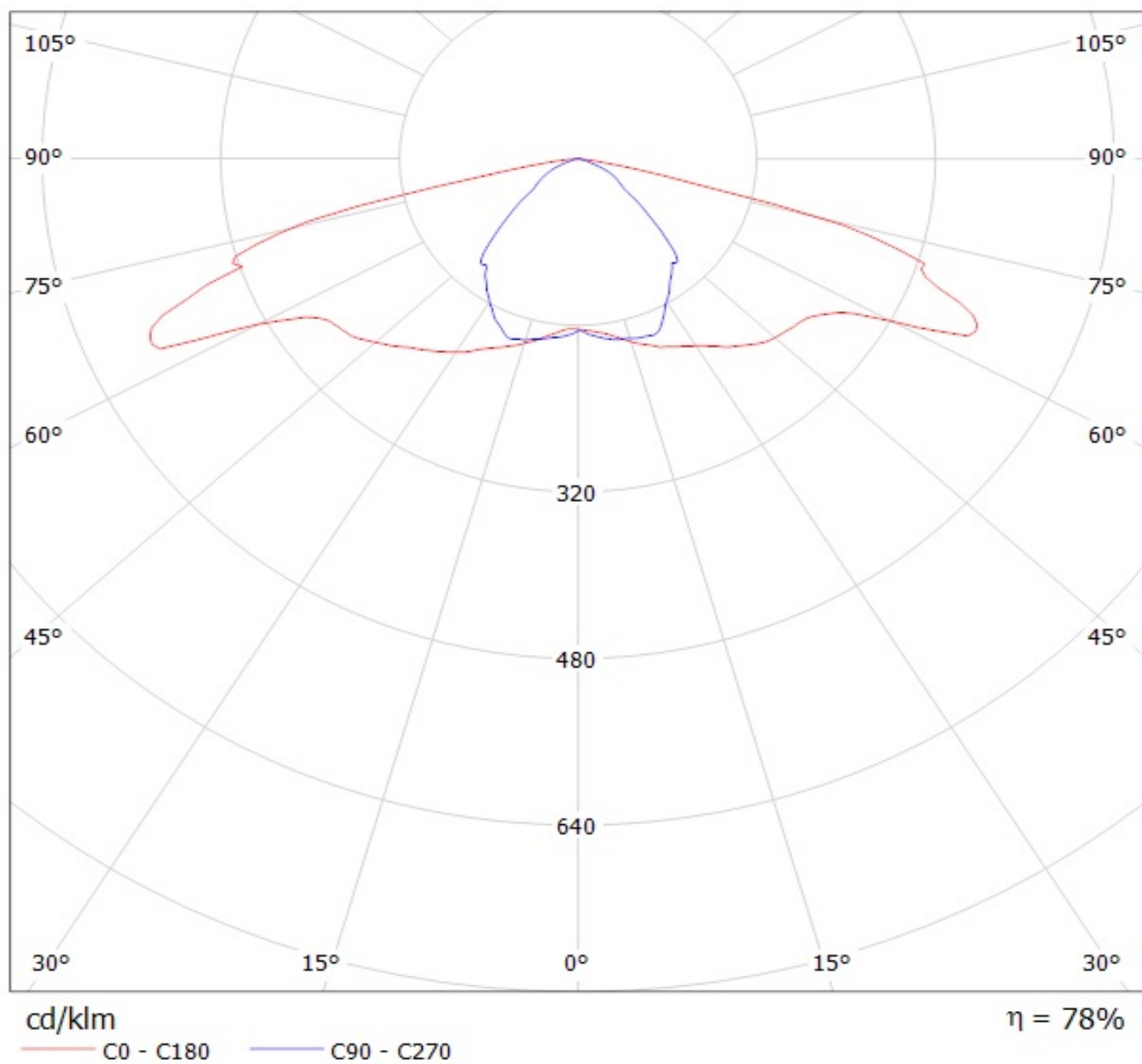

cd/klm

η = 91%

—— C0 - C180   —— C90 - C270

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(MK-R)+glass Eff.80.8%
Lamps: 1 x Cree_MK-R_354.207lm@250mA_CCT=3276K_P=2.84547W_I=249.8mA

cd/klm

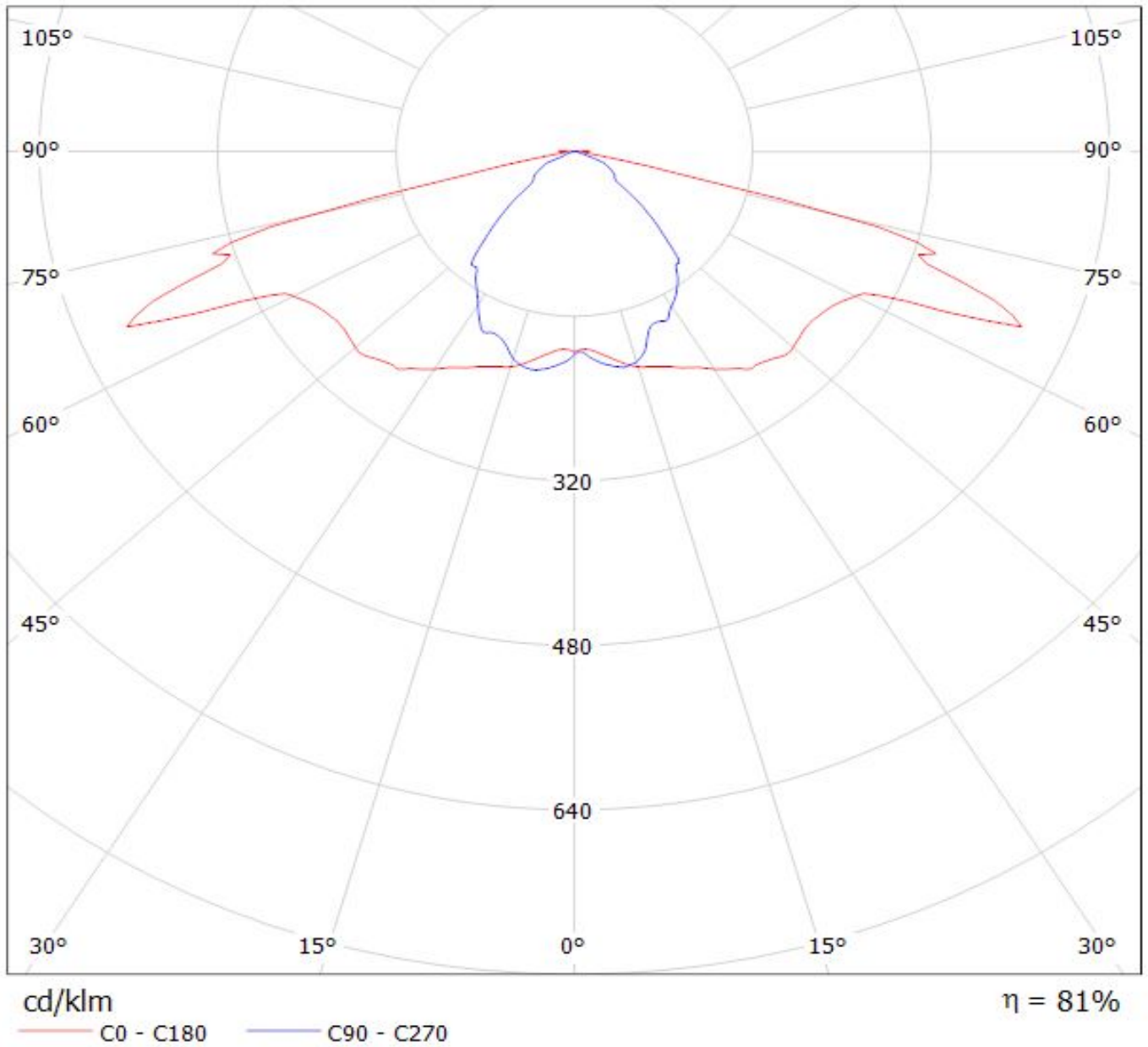η = 81%

- C0 - C180
- C90 - C270

Luminaire: LEDiL Oy CA14120_STRADA-SQ-FS2_(XHP70)_glass
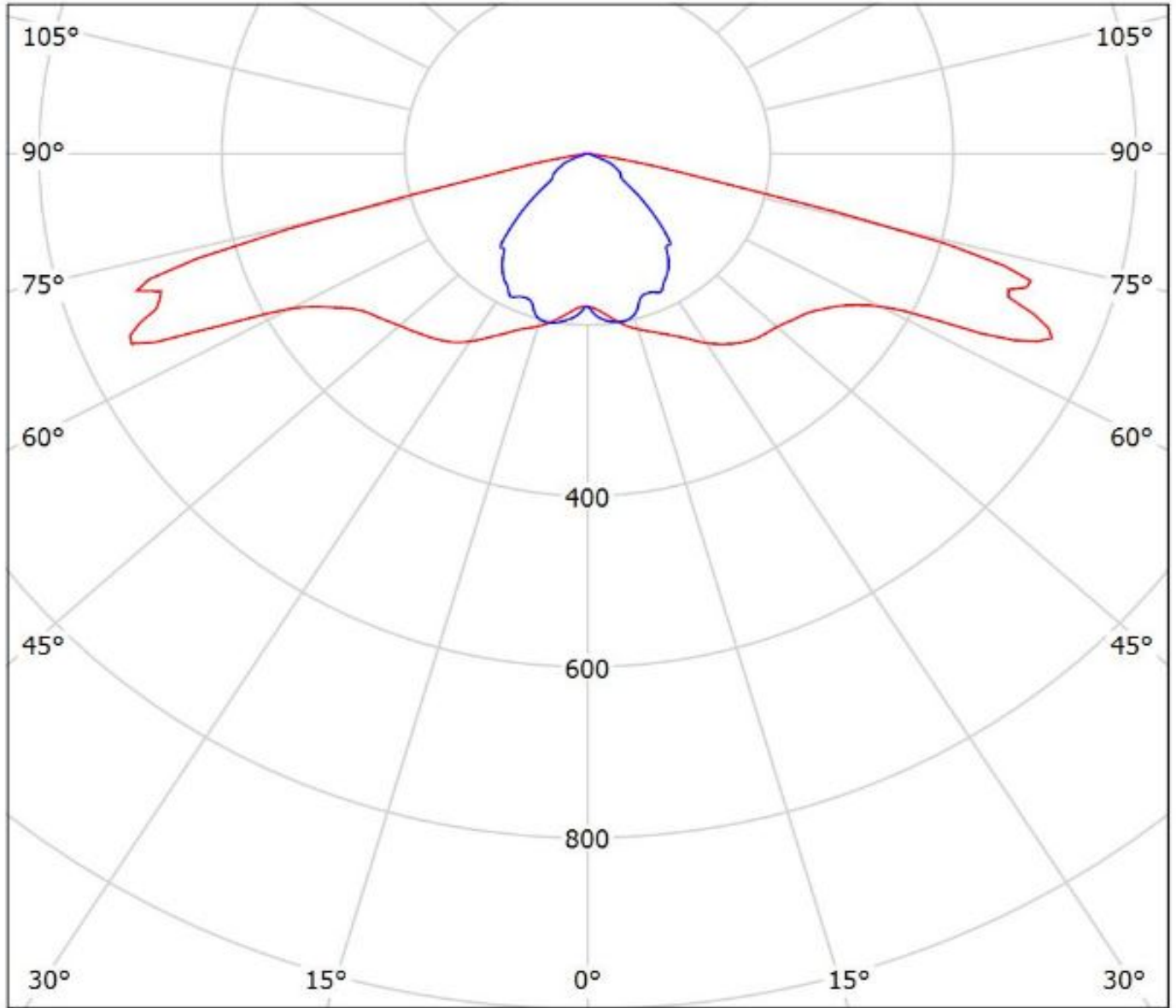Lamps: 1 x Cree_XHP70_glass-chassis_260.488lm@250mA_P=1.38405W_I=0.2499A

cd/klm

η = 78%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CA14120_&_CA14122_(LUXEON_M)_glass
Lamps: 1 x LUXEON_M_(LXR7-SW30)_340lm@250mA_P=2.79W_I=249.8mA

cd/klm   η = 81%

—— C0 - C180   —— C90 - C270

Luminaire: Ledil CA14120_STRADA-SQ-FS2_(LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A

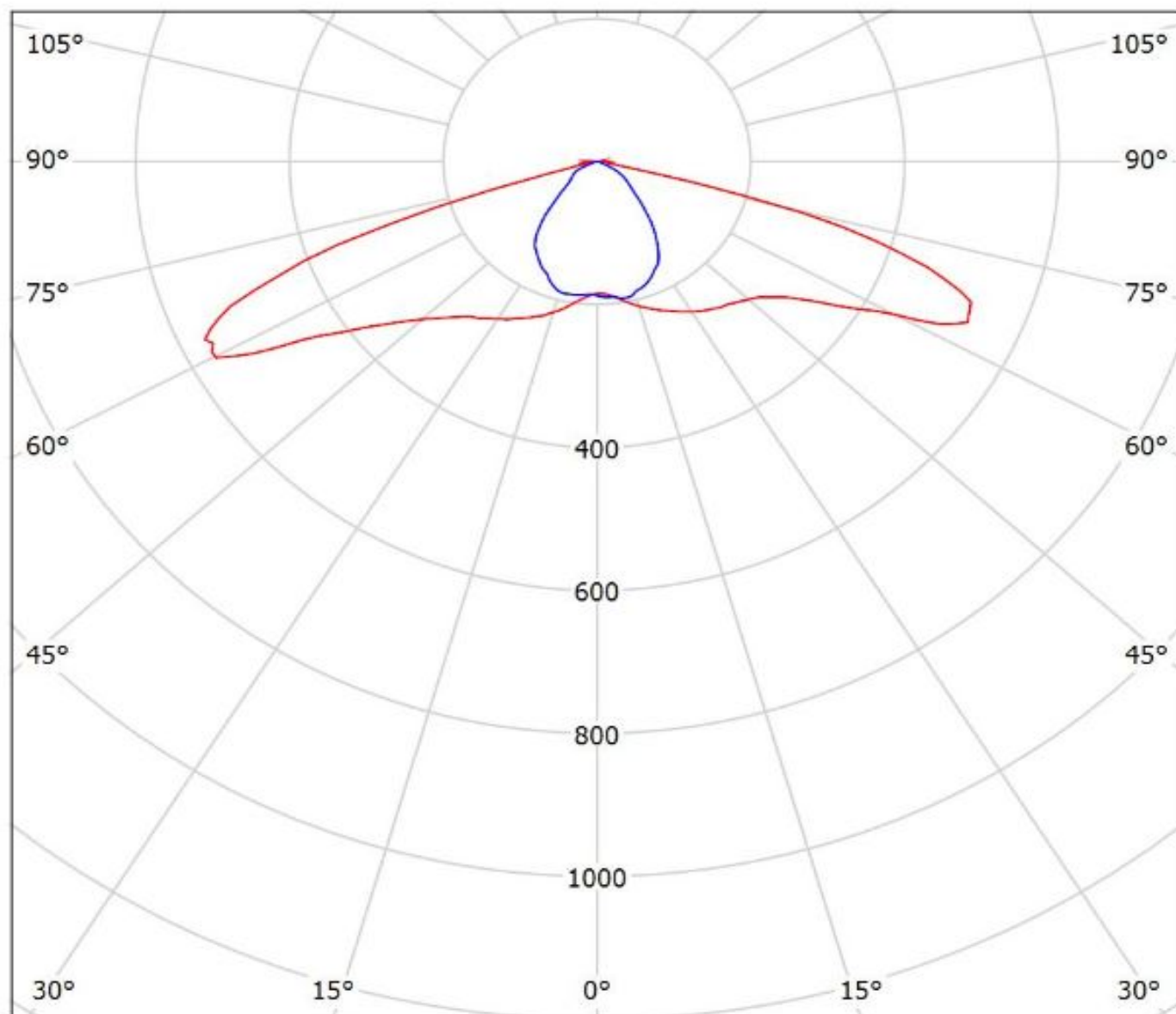cd/klm

η = 92%

— C0 - C180   — C90 - C270

Luminaire: Ledil CA14120_STRADA-SQ-FS2_(Duris_S10)
Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_1003.2lm@250mA_P=9.2390W_I=0.25A

cd/klm

—— C0 - C180   —— C90 - C270

η = 88%

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.