

DETAILS

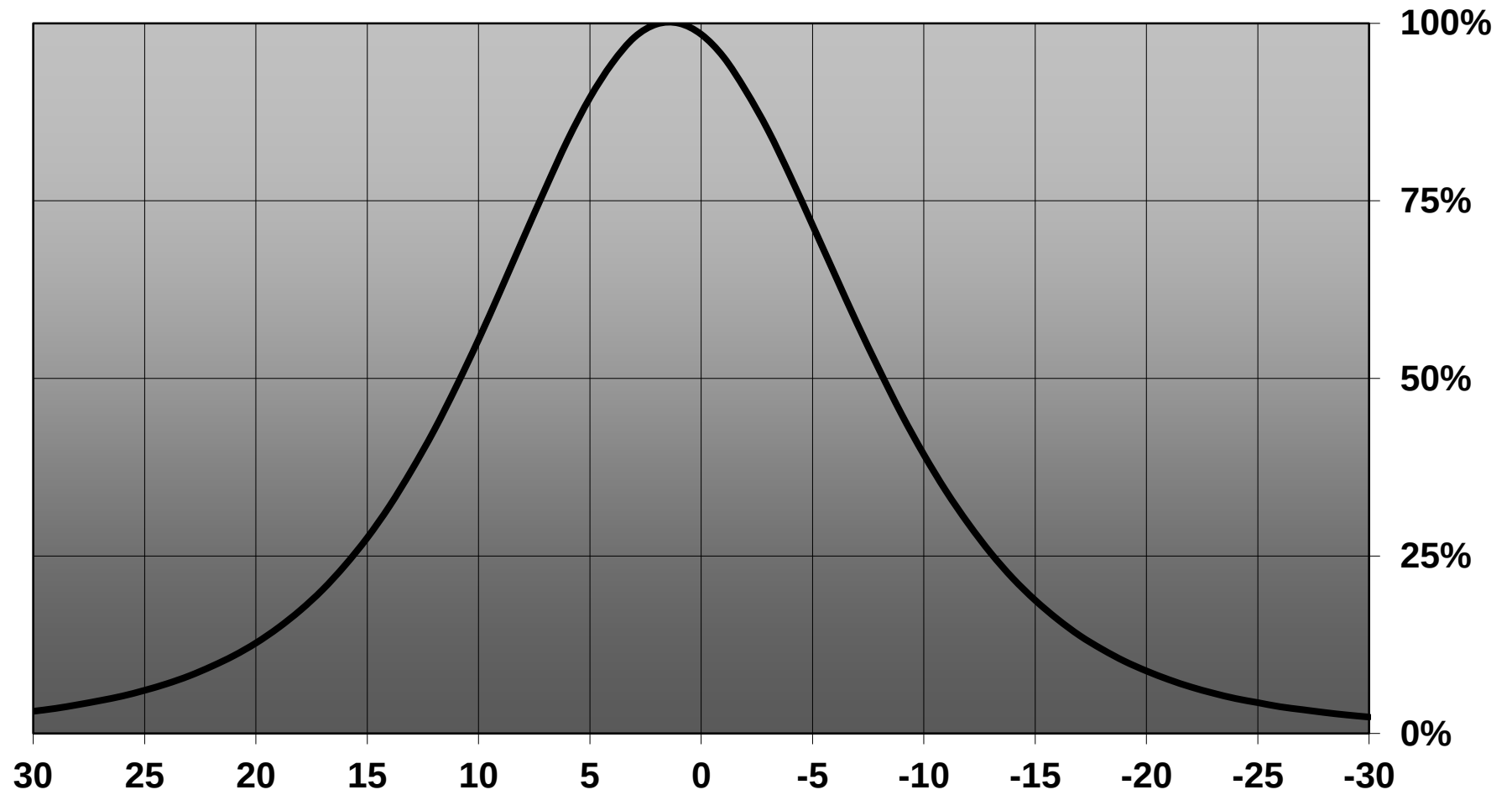
Product Number	CA13629_G2-LAURA-D-P
Family	Laura
Type	Assembly
Color	white
Diameter	21,6 x 21,6 mm
Height	13,1 mm
Style	square
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	production ready
ROHS Compliant	Yes
Date Updated	16/11/2015

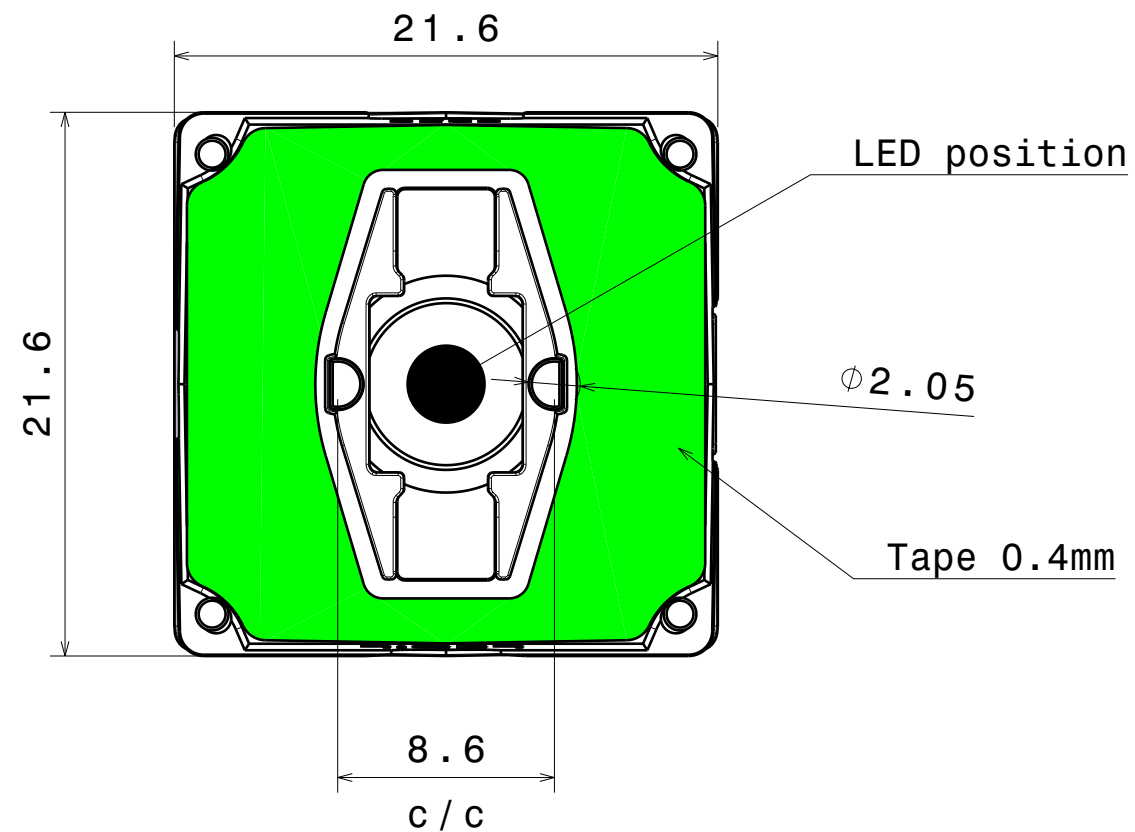
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
XHP35 HI	sim: 14	Diffuser	sim: 94 %	sim: 12.800	-
XP-E	13 deg	Diffuser	93 %	9.300	-
XP-E2	16 deg	Diffuser	83 %	6.100	-
NCSxx19B	17 deg	Diffuser	83 %	5.400	-
LUXEON TX	18 deg	Diffuser	86 %	5.210	-
Z5M1/Z5M2	18 deg	Diffuser	83 %	4.920	-
NCSxx19A	19 deg	Diffuser	87 %	5.000	-
XP-G2	19 deg	Diffuser	83 %	5.100	-
Oslo Square EC	19 deg	Diffuser	82 %	4.900	-
XT-E	19 deg	Diffuser	82 %	4.700	-
XB-H	19 deg	Diffuser	83 %	4.800	-
NVSxx19B/NVSxx19C	19 deg	Diffuser	83 %	4.900	-
NVSxx19A	20 deg	Diffuser	81 %	4.200	-
XP-L	21 deg	Diffuser	81 %	3.550	-

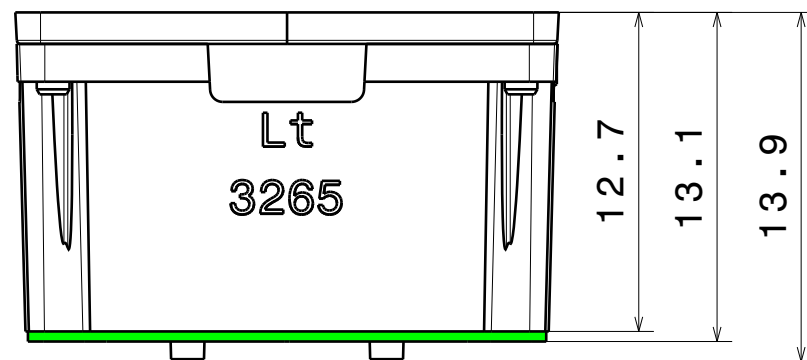


Relative intensity of CA13629_G2-LAURA-D-P_(NVSxx19B)

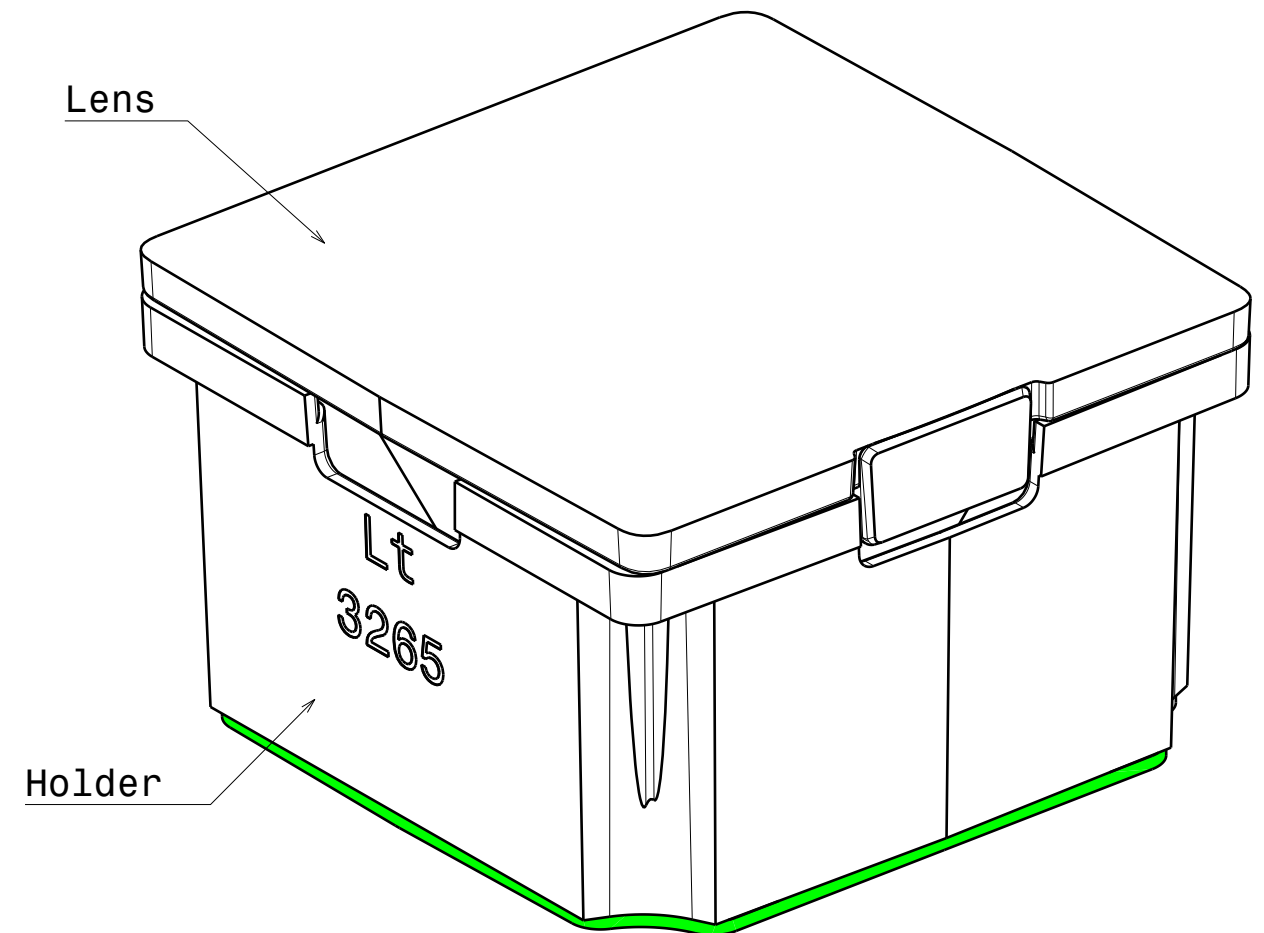




Bottom view

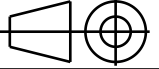


Front view

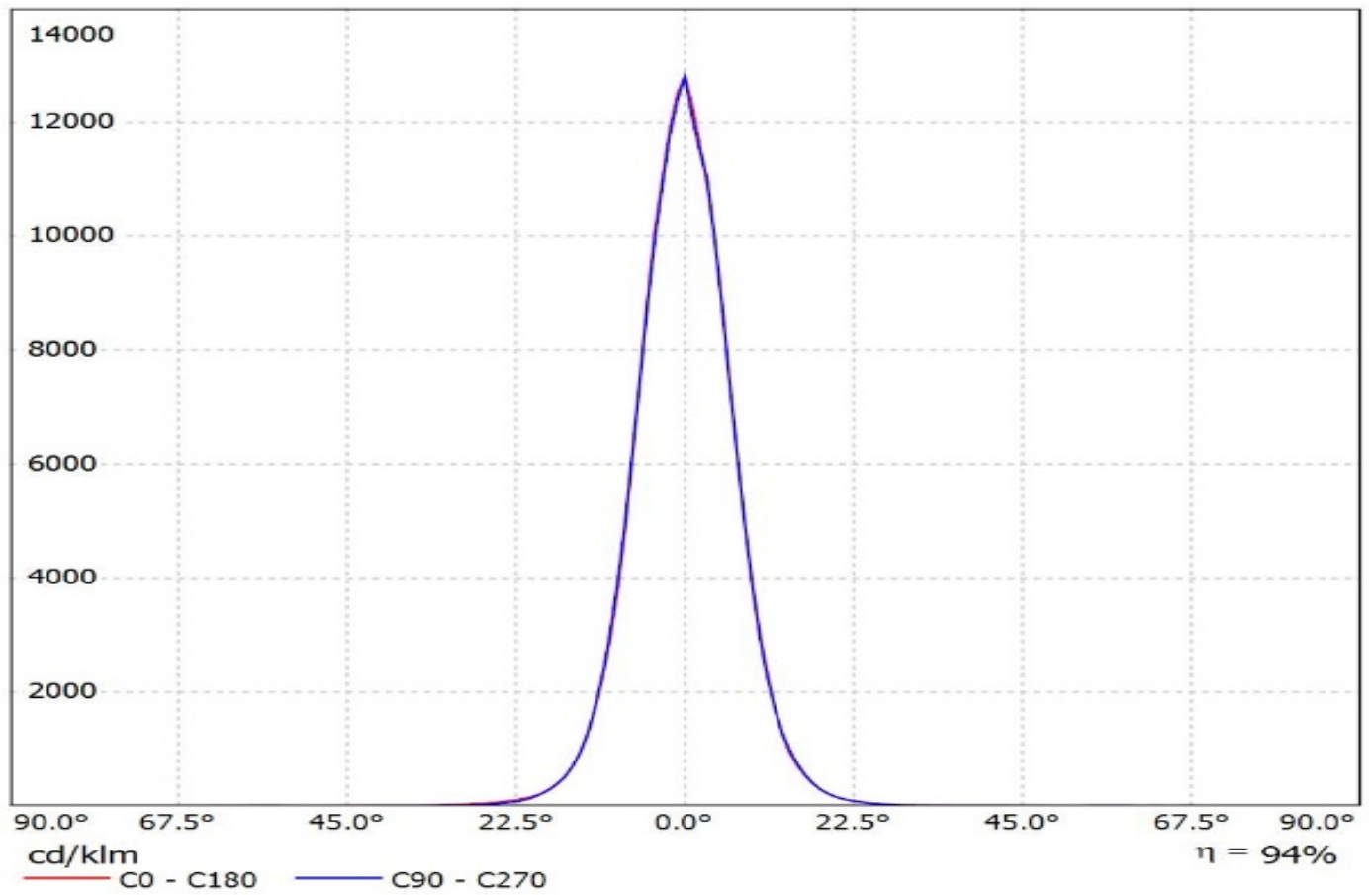


Isometric view
Scale: 5:1

INDEX	PART NO	MATERIAL	COLOUR
1	-	PU foam	black
2	C13265	PC	white
3	C11358	PMMA	clear

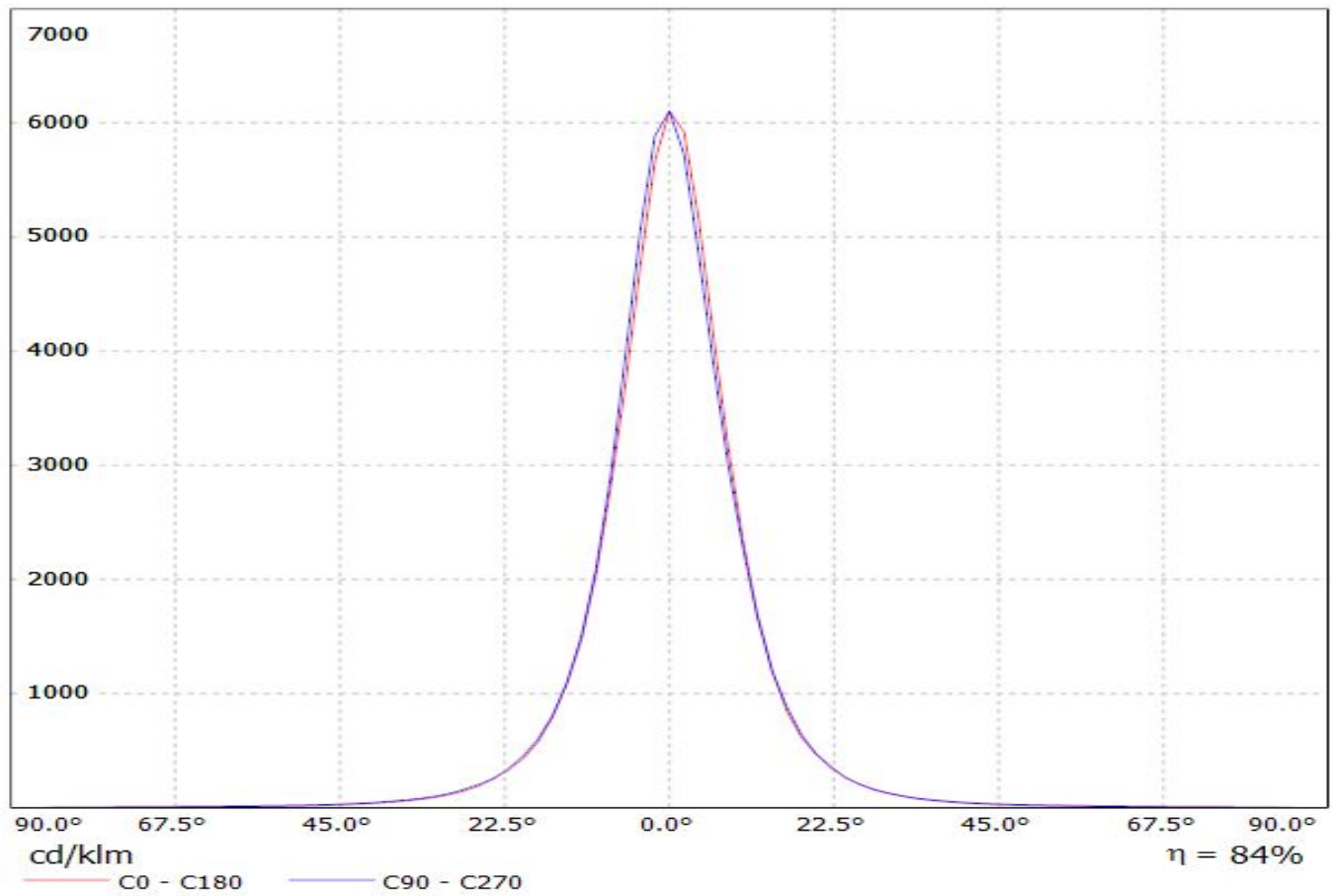
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: class M According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION: 		DRAWING TITLE CA13629_G2-LAURA-D-P	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER CA13629
		SCALE 10:3	WEIGHT -
		SHEET 1/1	

Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI

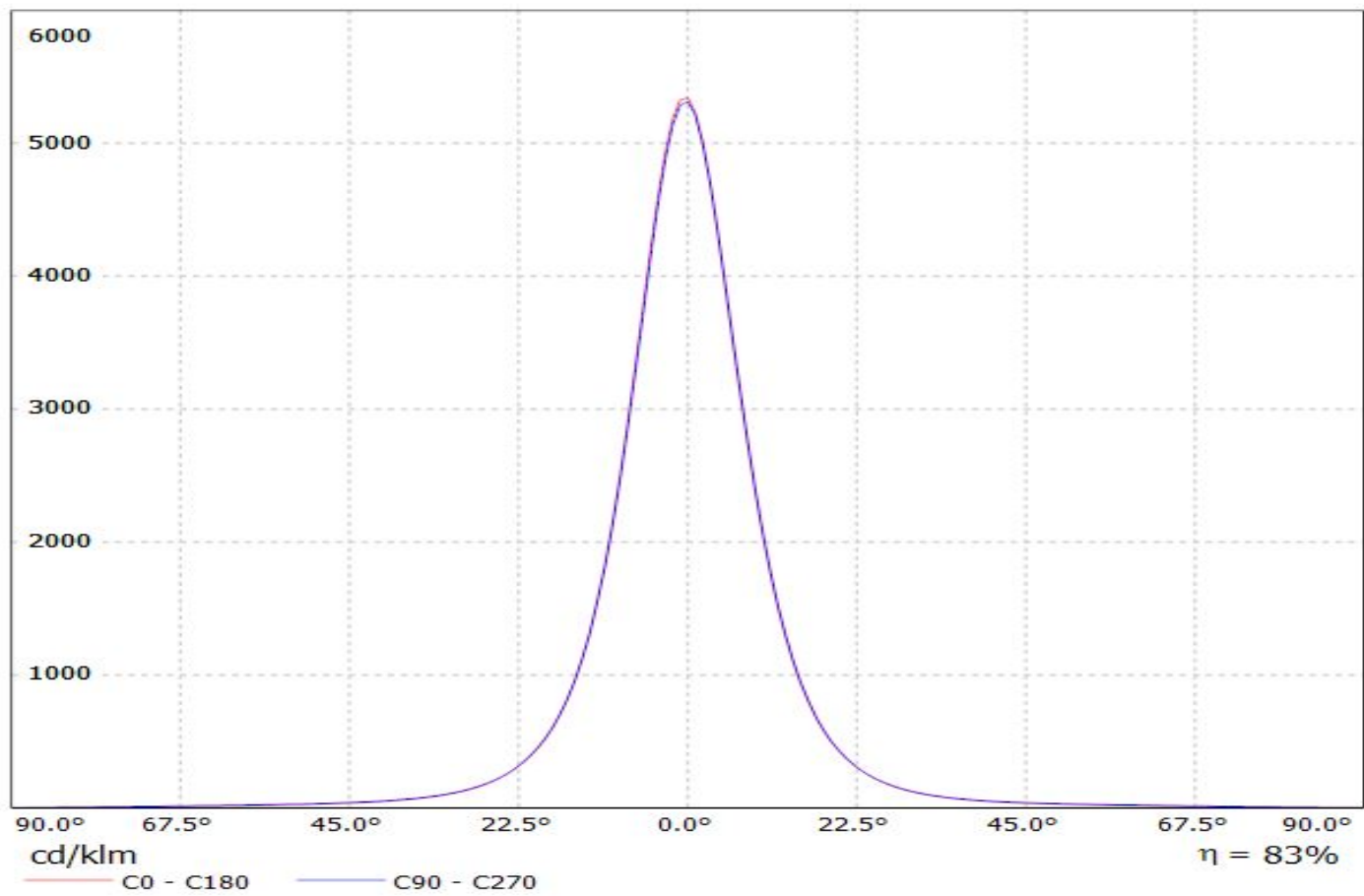


Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(XP-E2)

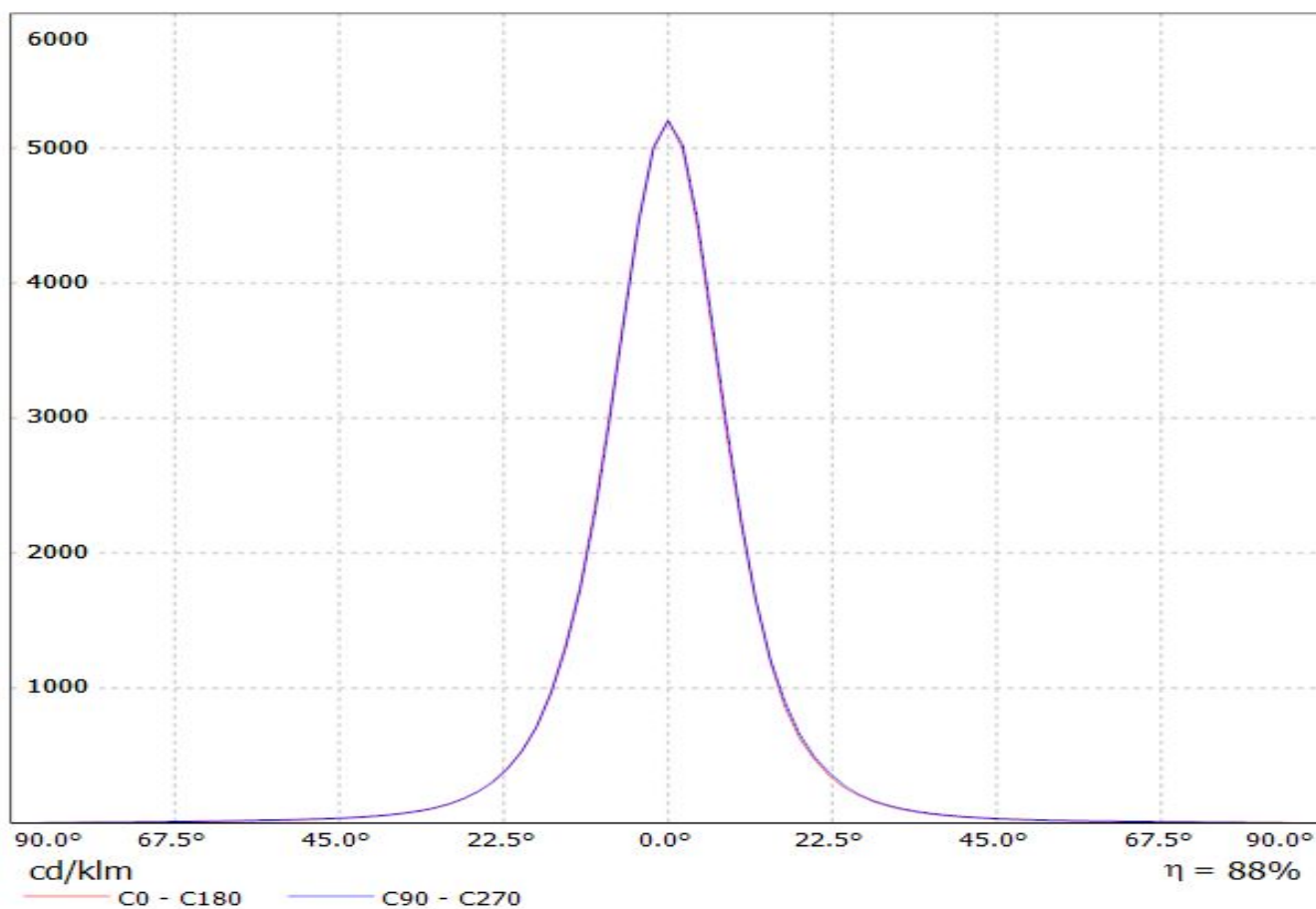
Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 79lm @ 250mA CCT= P=0.74W I=250mA



Luminaire: LEDiL Oy CA13629_G2-LAURA-D-P_(NCSxx19B)
Lamps: 1 x Nichia_NCSxx19B_(CSL119BE)_91.4047lm@250mA_P=0.795832W_I=0.2498A

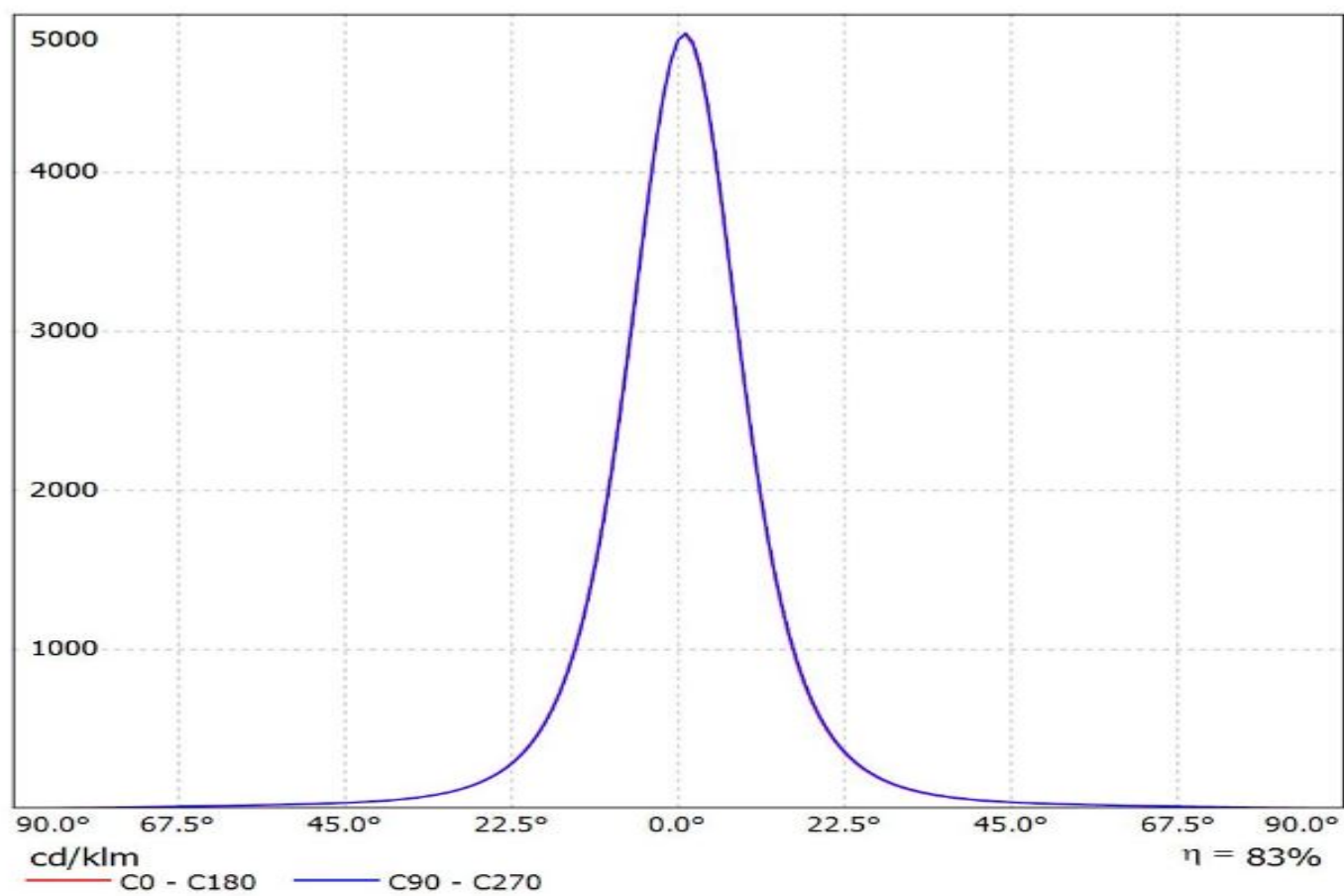


Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(Luxeon_TX) Efficiency=86%
Lamps: 1 x Luxeon TX 108lm @ 250mA CCT=3521K P=0.73W I=250mA

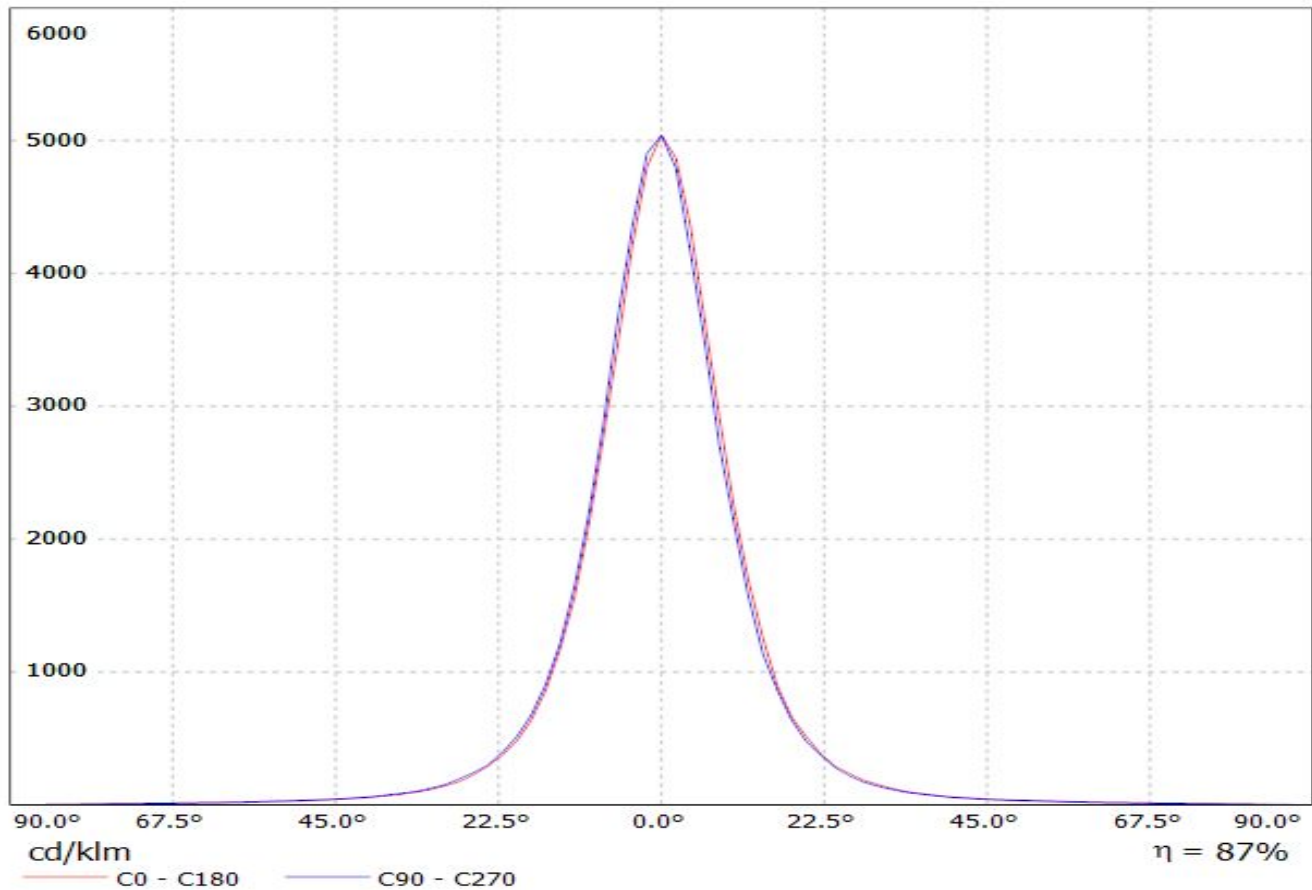


Luminaire: Ledil CA13629_G2-LAURA-D-P_(Z5M1)

Lamps: 1 x Seoul_Z5M1_(SZ5-M1-W0-C8)_110.16lm@250mA_P=0.7398W_I=0.250A

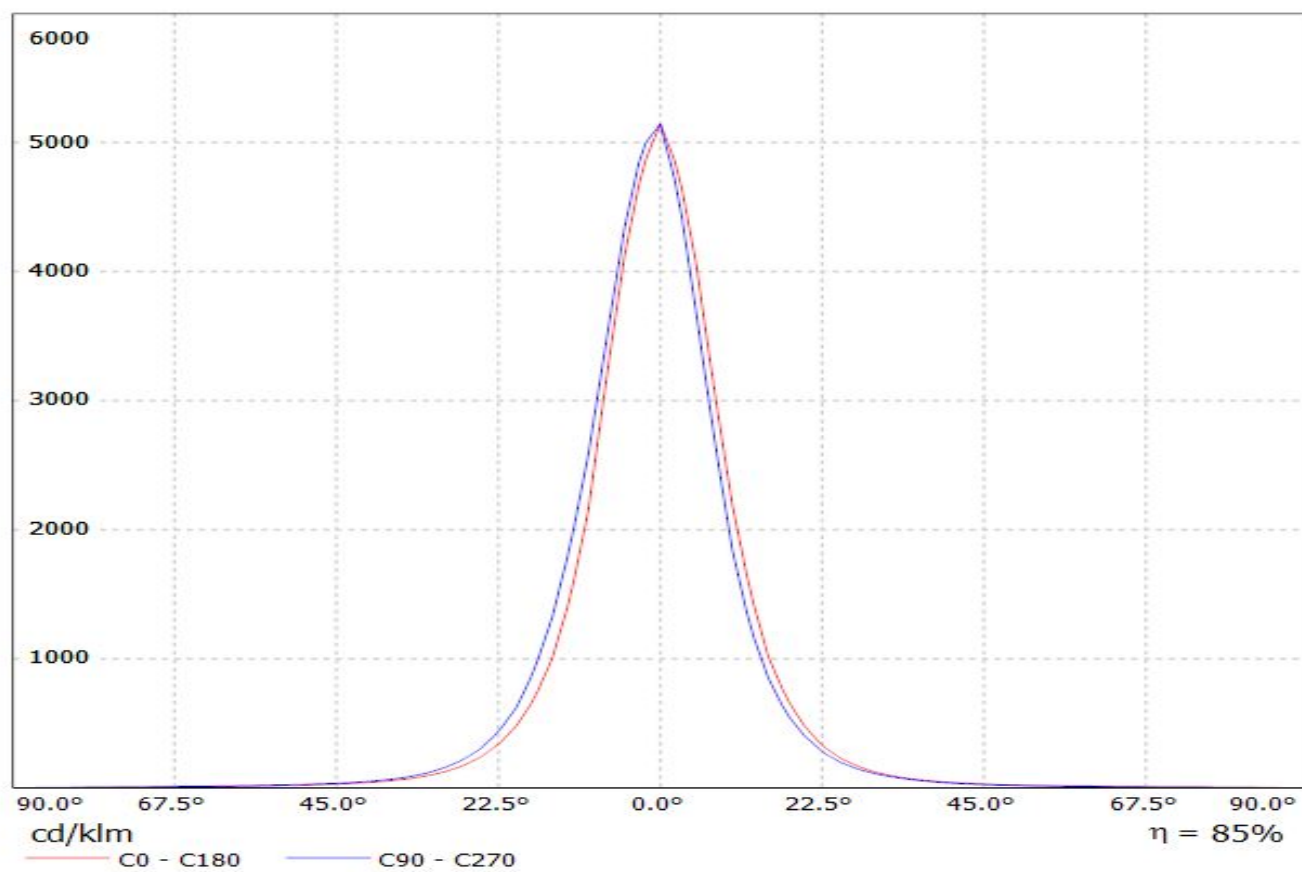


Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(NCS19)
Lamps: 1 x Nichia NCS19A 65lm @ 250mA CCT= P=0.77W I=250mA

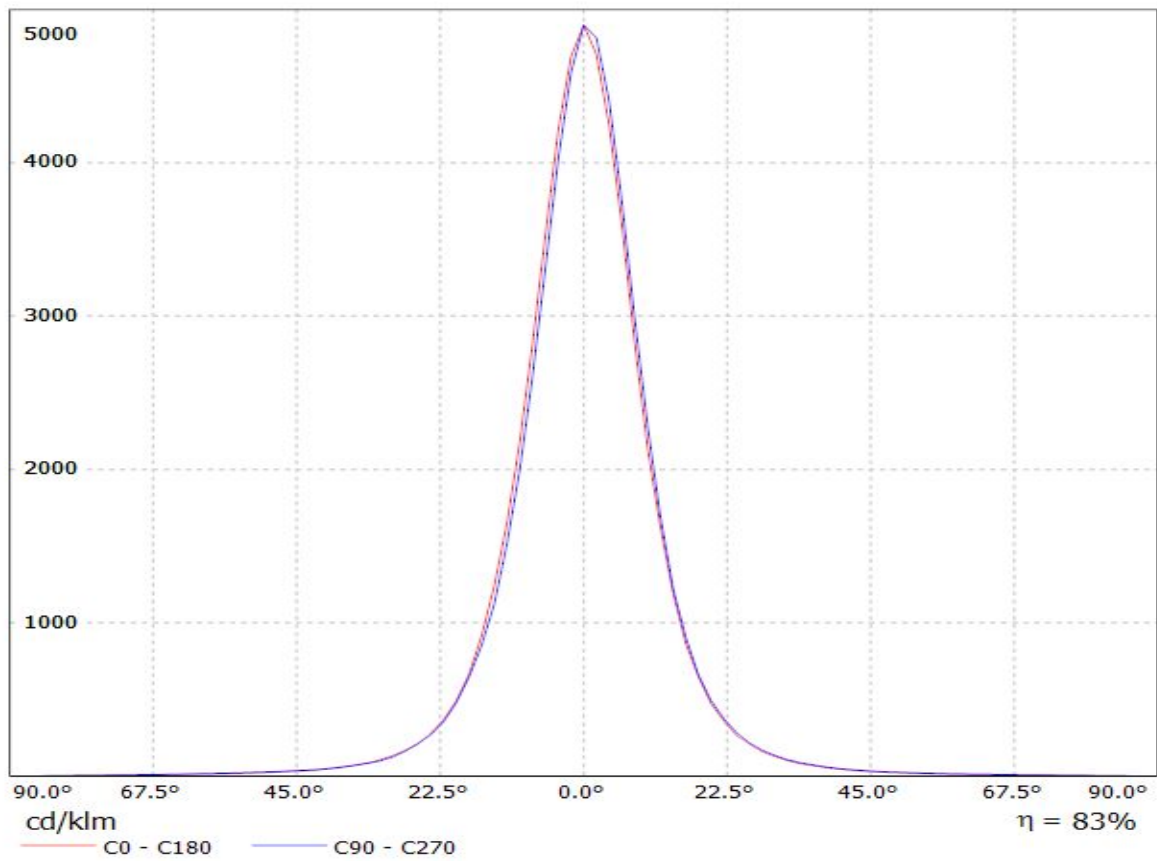


Luminaire: LEDil Oy CA13629_G2-LAURA-D-P_(XP-G2)

Lamps: 1 x Cree XP-G2 (XPG $\overline{\text{BWT-L1-0000-00FE4}}$) 100lm @ 250mA CCT=4934K P=0.74W I=250mA

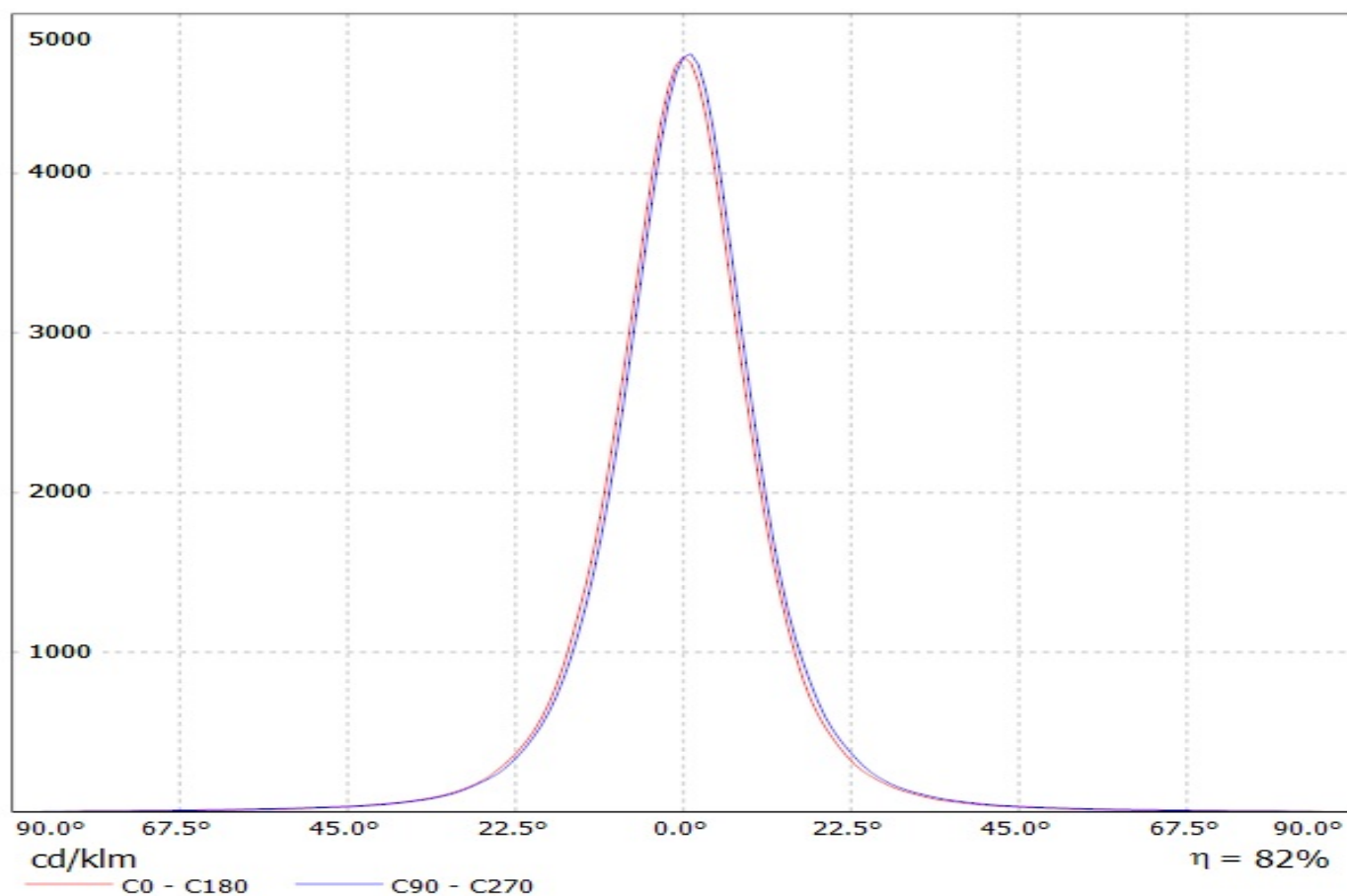


Luminaire: LEDil Oy CA13629_G2-LAURA-D-P_(Oslon_Square_EC)
Lamps: 1 x Osram Oslon Square EC (LCW CQAR-EC-MQMS-5R8T-35) 78lm @ 250mA CCT=3226K P=0.75W I=250mA

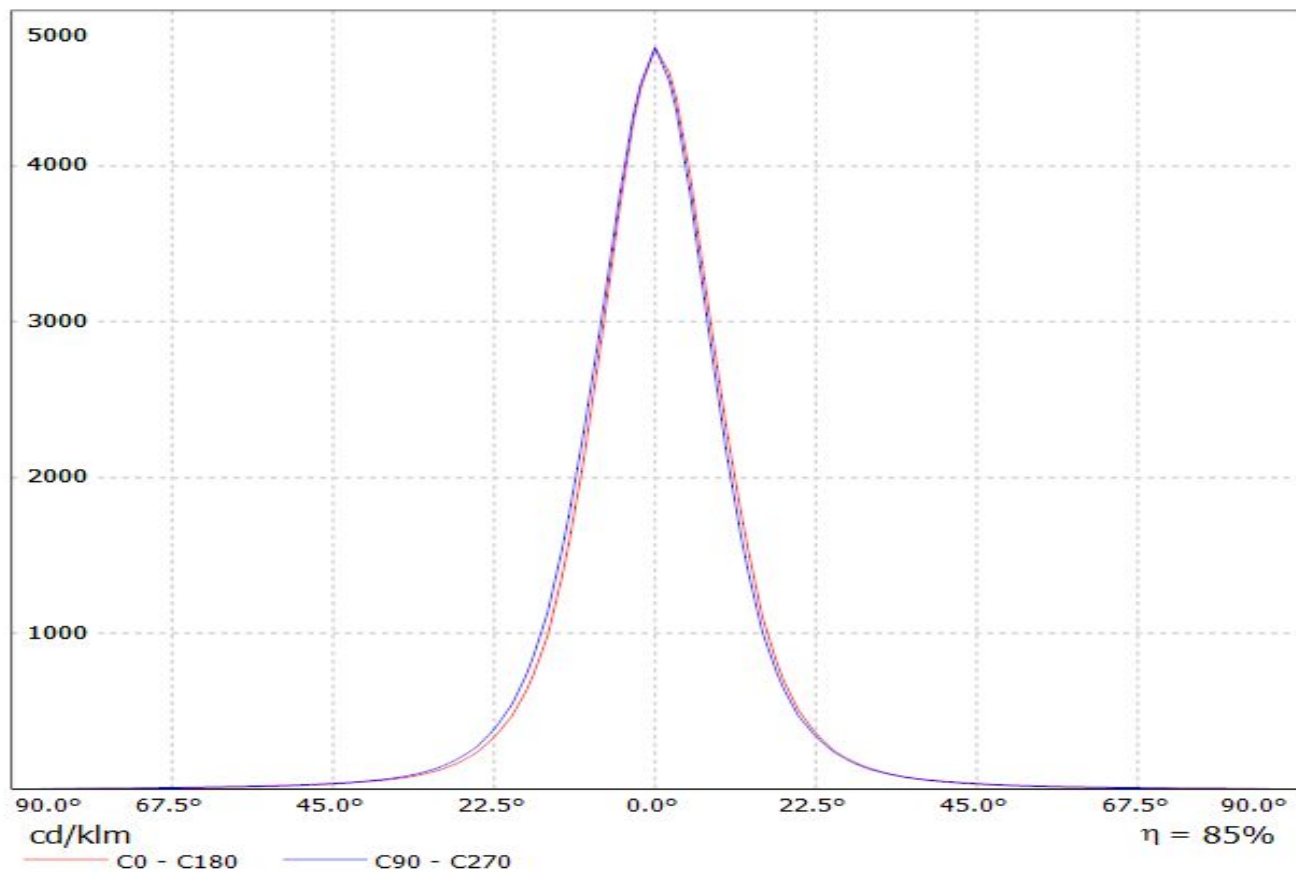


Luminaire: LEDil Oy CA13629_G2-LAURA-D-P_(XT-E)

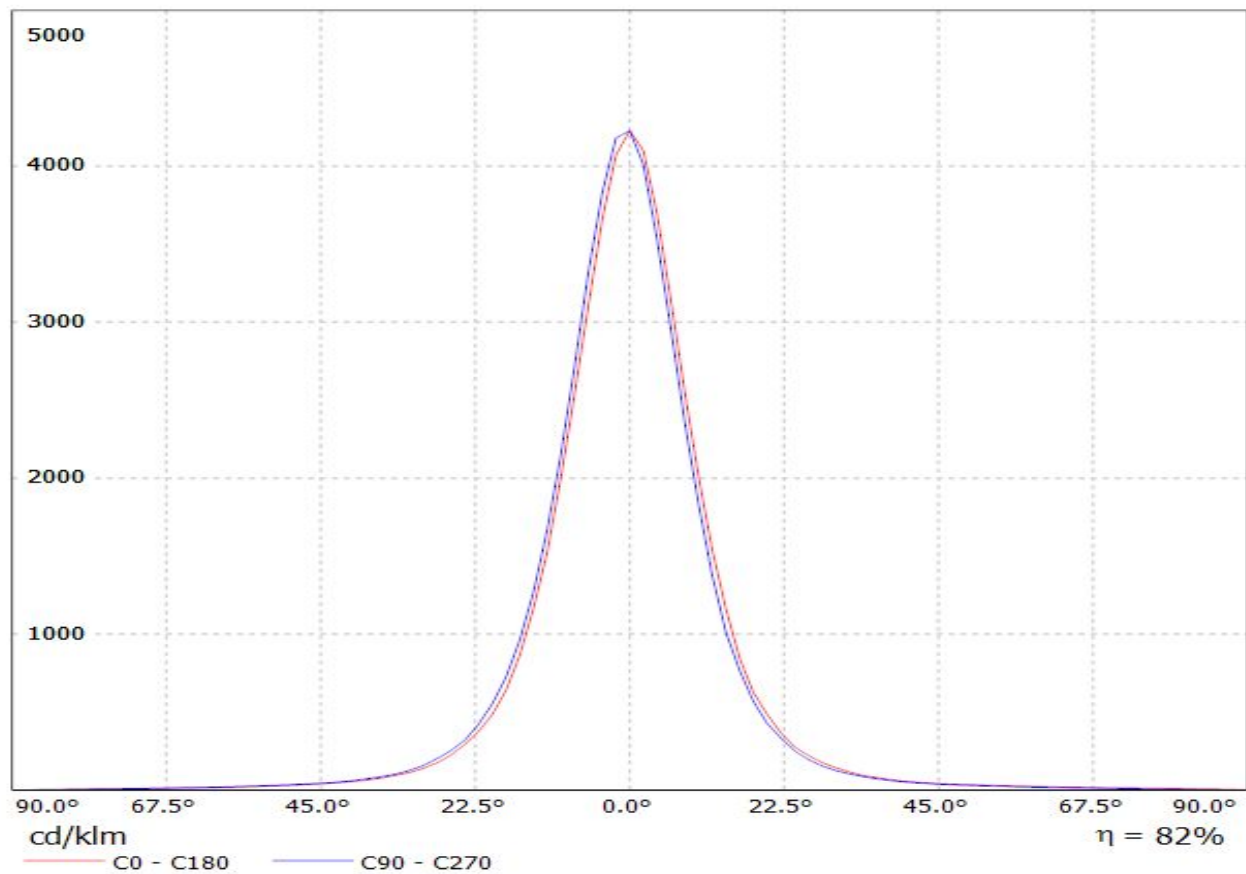
Lamps: 1 x Cree XT-E (XTEAWT-00-0000-00000HBE8) 73.22lm @ 250mA CCT=2800K P=0.8W I=250mA



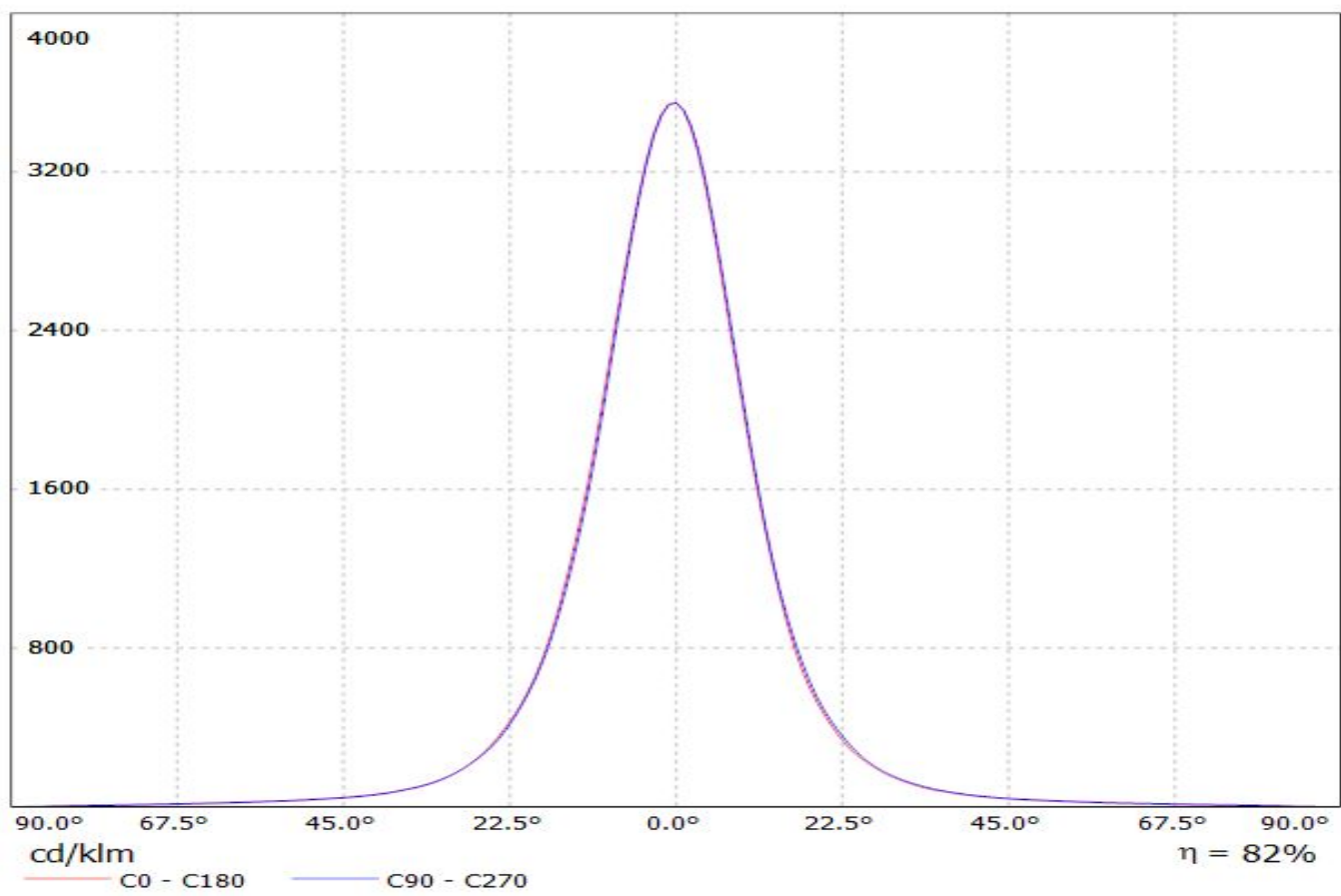
Luminaire: LEDiL Oy CA13629_G2-LAURA-D-P_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



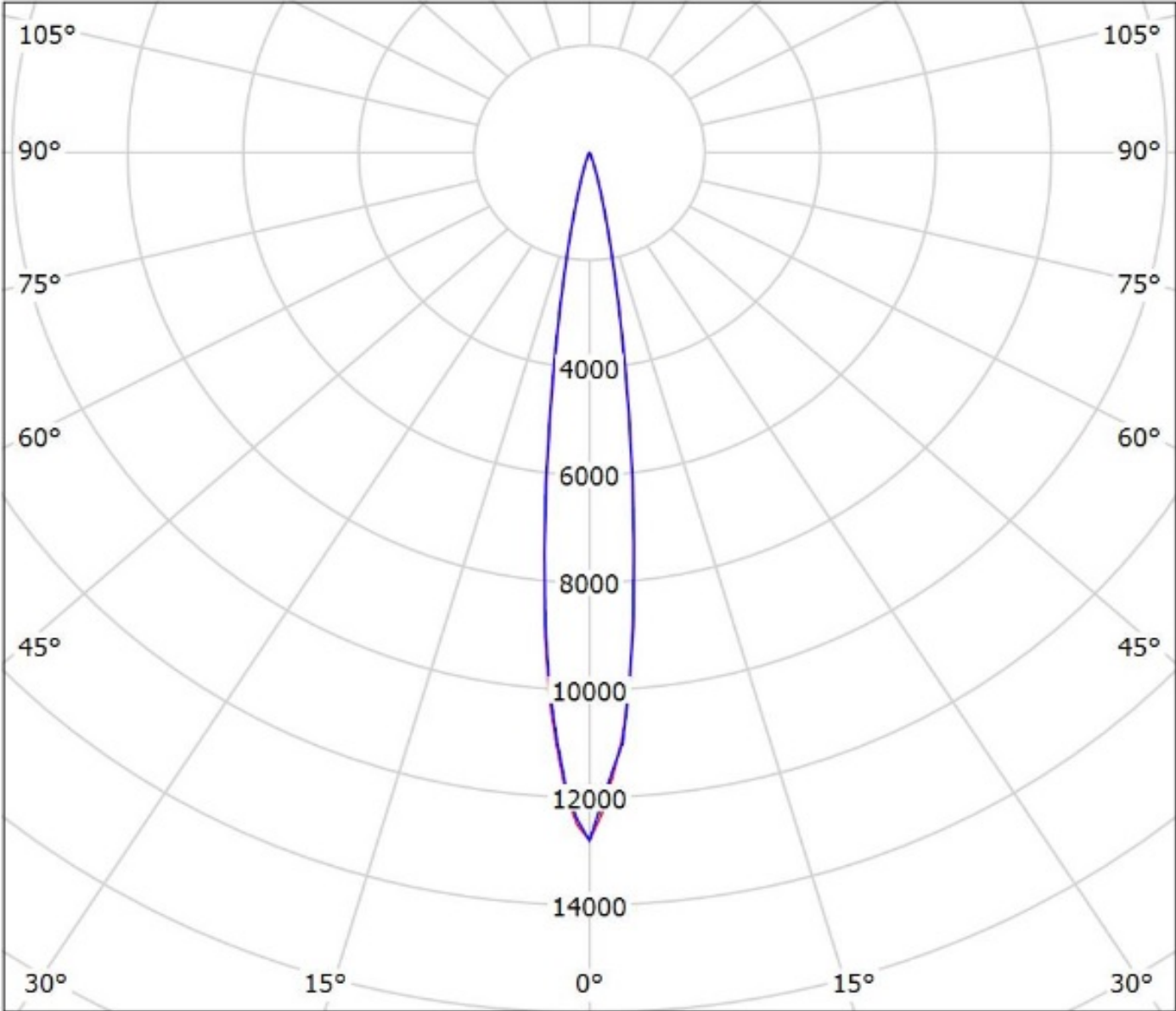
Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(NVS19)
Lamps: 1 x Nichia NVSxx19A 93lm @ 250mA CCT= P=0.75W I=250mA



Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(XP-L) Efficiency=81%
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.72W I=250mA



Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI

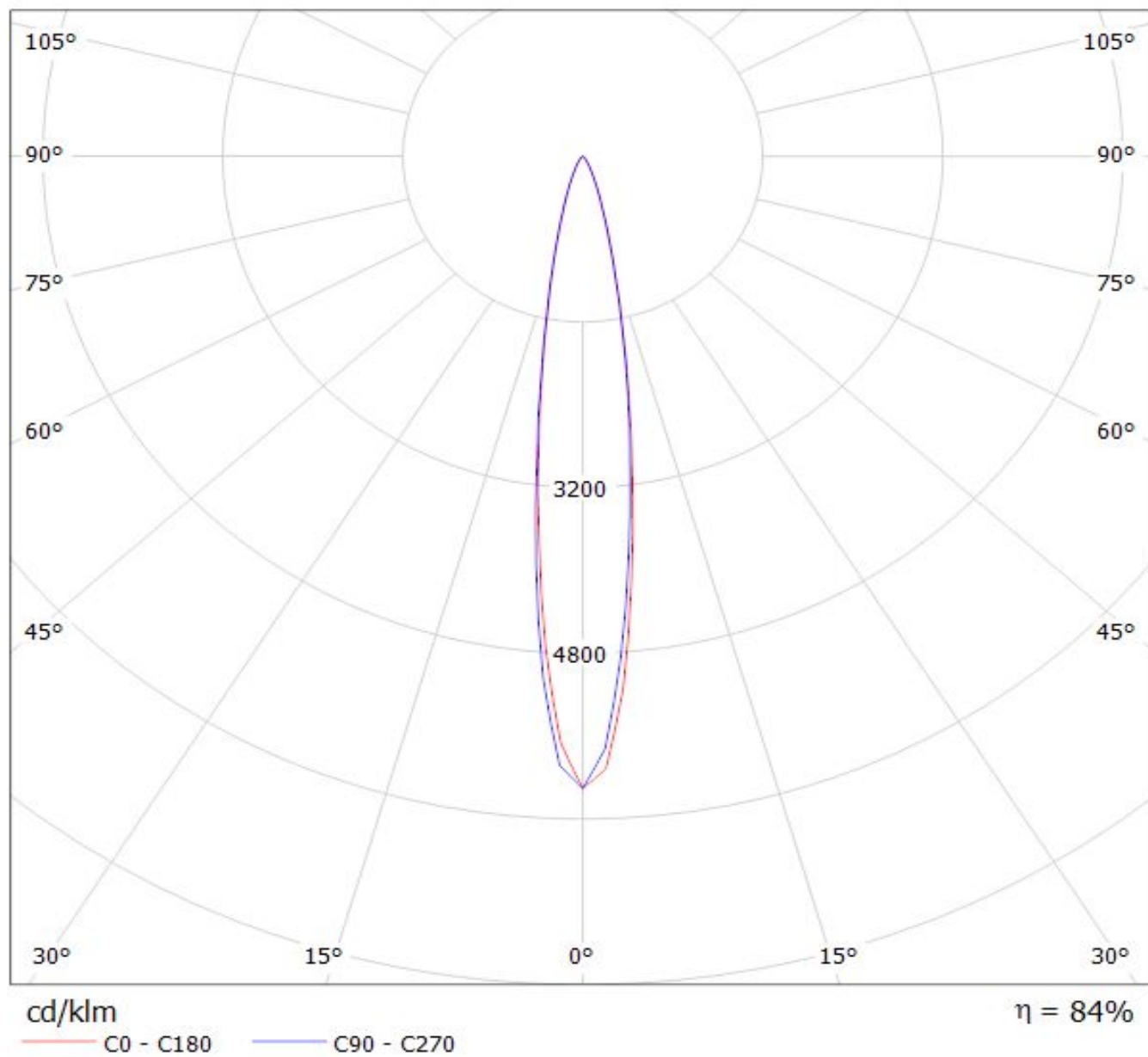


cd/klm
C0 - C180 C90 - C270

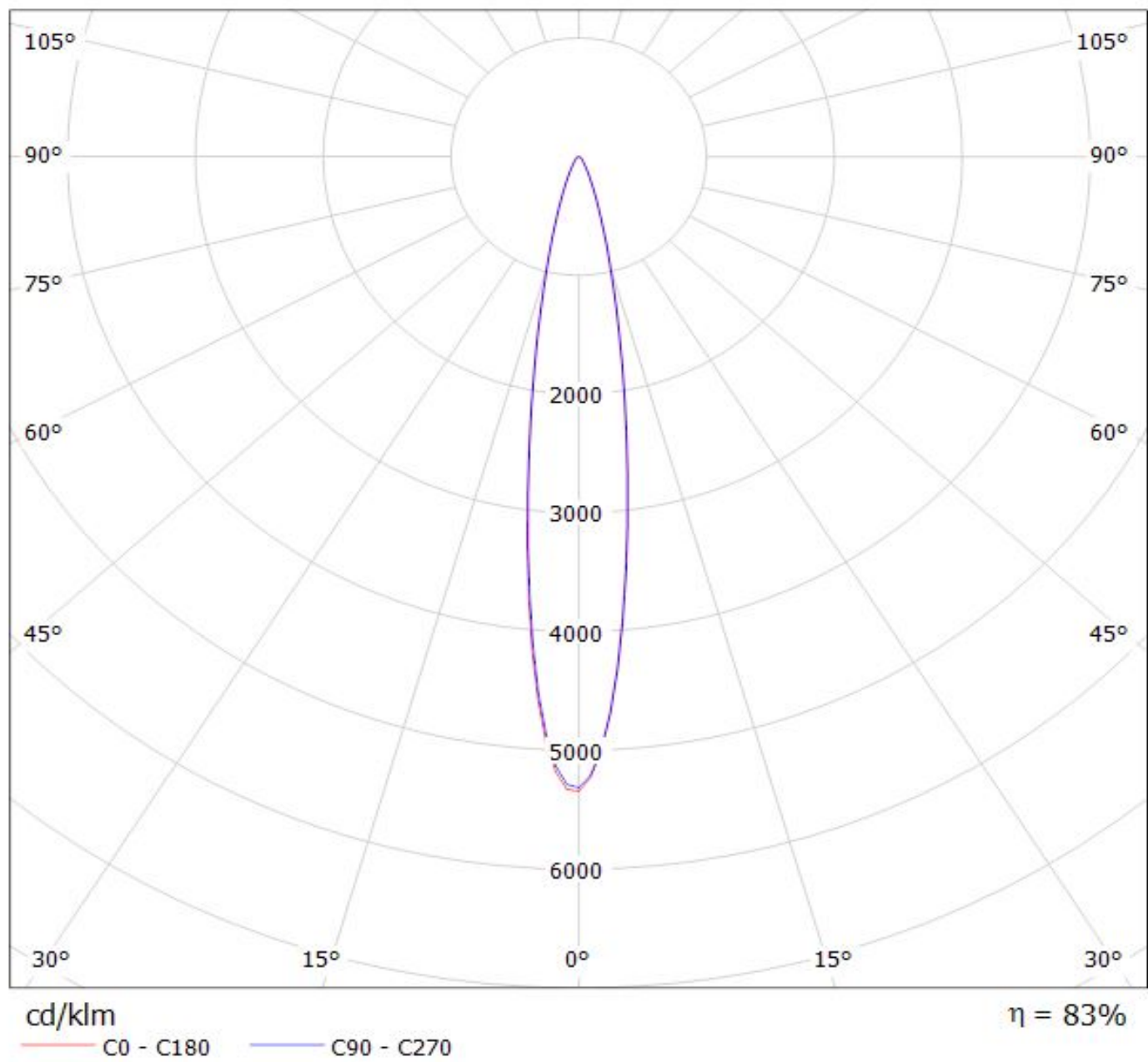
$\eta = 94\%$

Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(XP-E2)

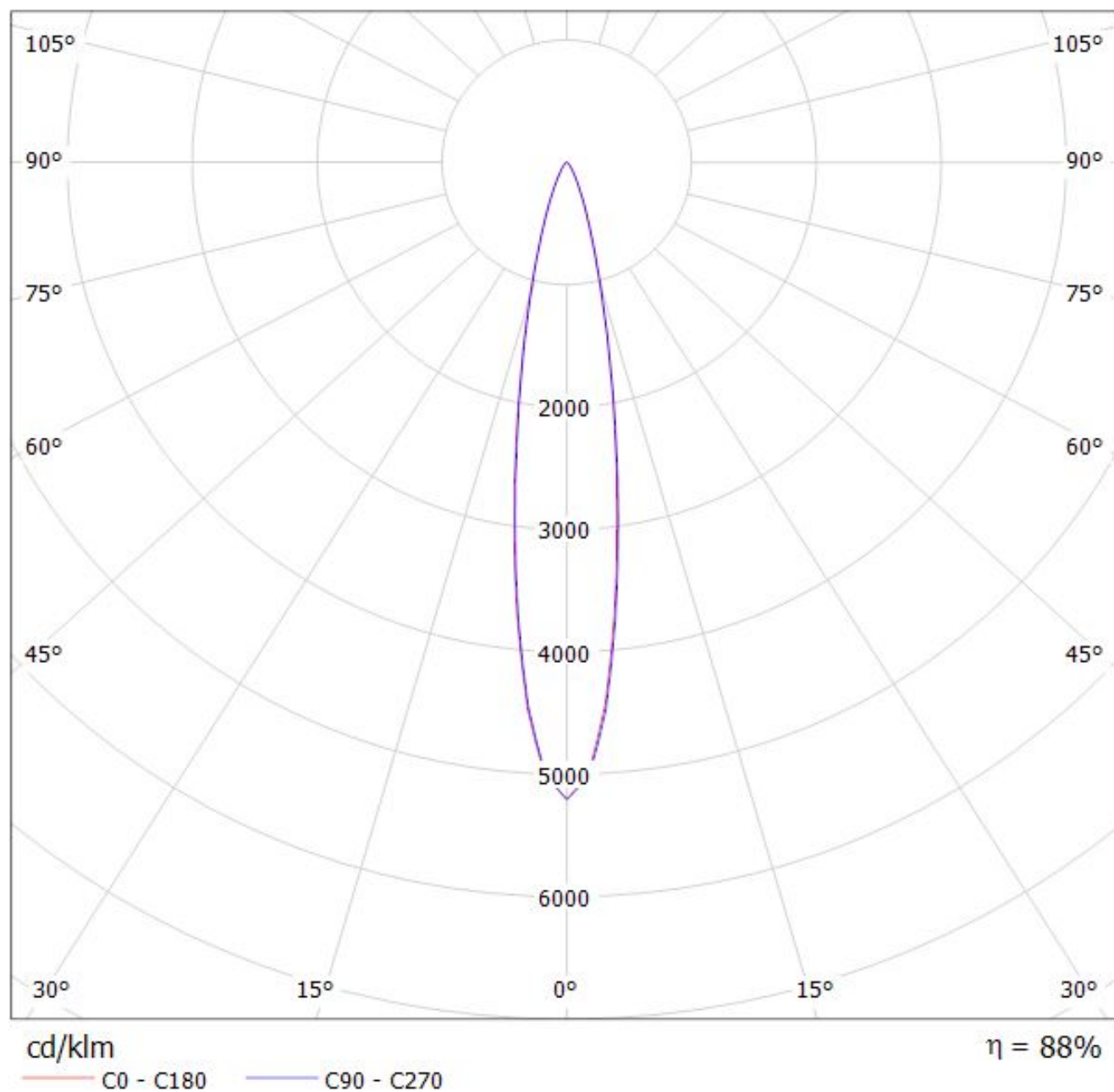
Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 79lm @ 250mA CCT= P=0.74W I=250mA



Luminaire: LEDiL Oy CA13629_G2-LAURA-D-P_(NCSxx19B)
Lamps: 1 x Nichia_NCSxx19B_(CSL119BE)_91.4047lm@250mA_P=0.795832W_I=0.2498A

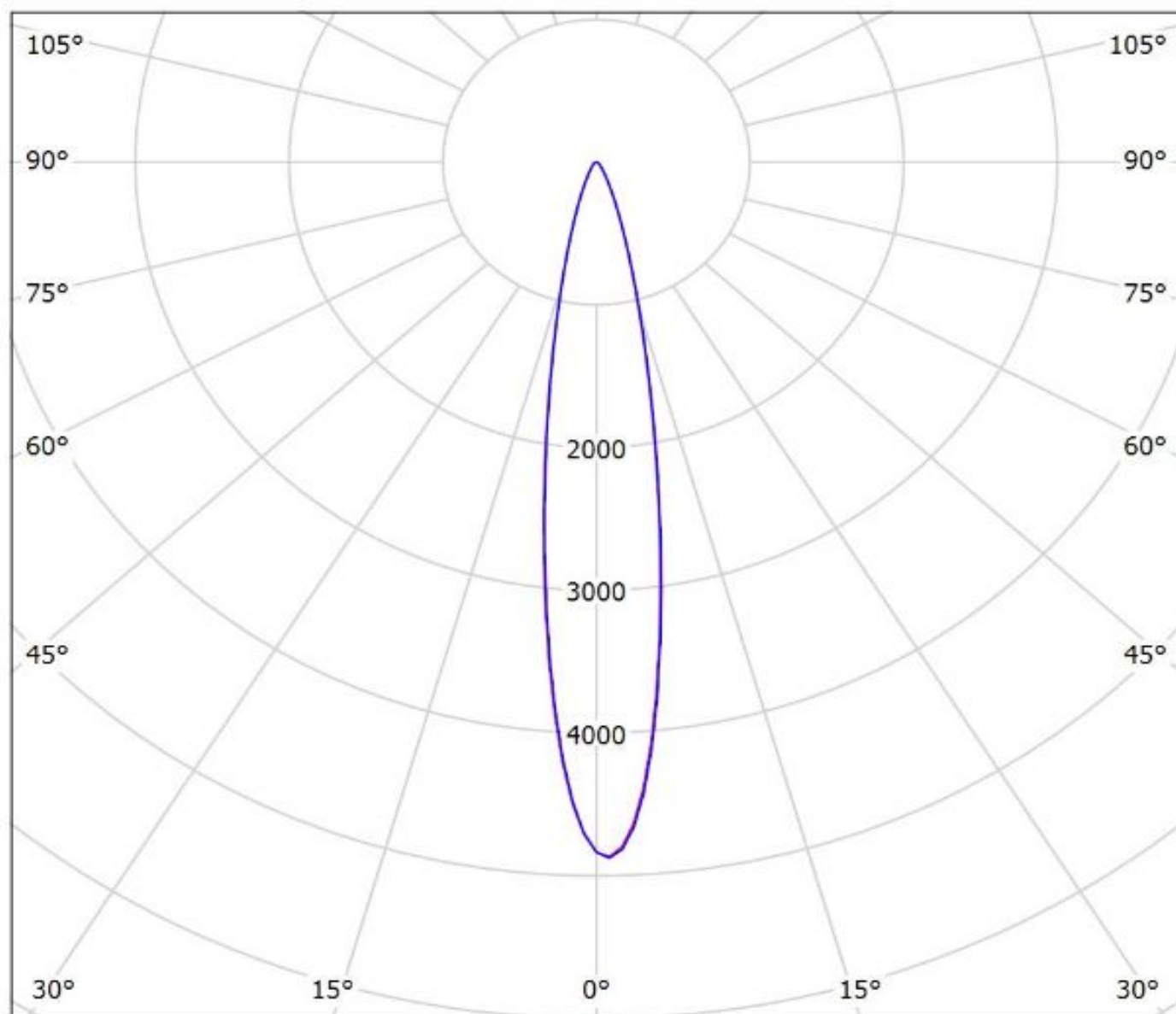


Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(Luxeon_TX) Efficiency=86%
Lamps: 1 x Luxeon TX 108lm @ 250mA CCT=3521K P=0.73W I=250mA



Luminaire: Ledil CA13629_G2-LAURA-D-P_(Z5M1)

Lamps: 1 x Seoul_Z5M1_(SZ5-M1-W0-C8)_110.16lm@250mA_P=0.7398W_I=0.250A



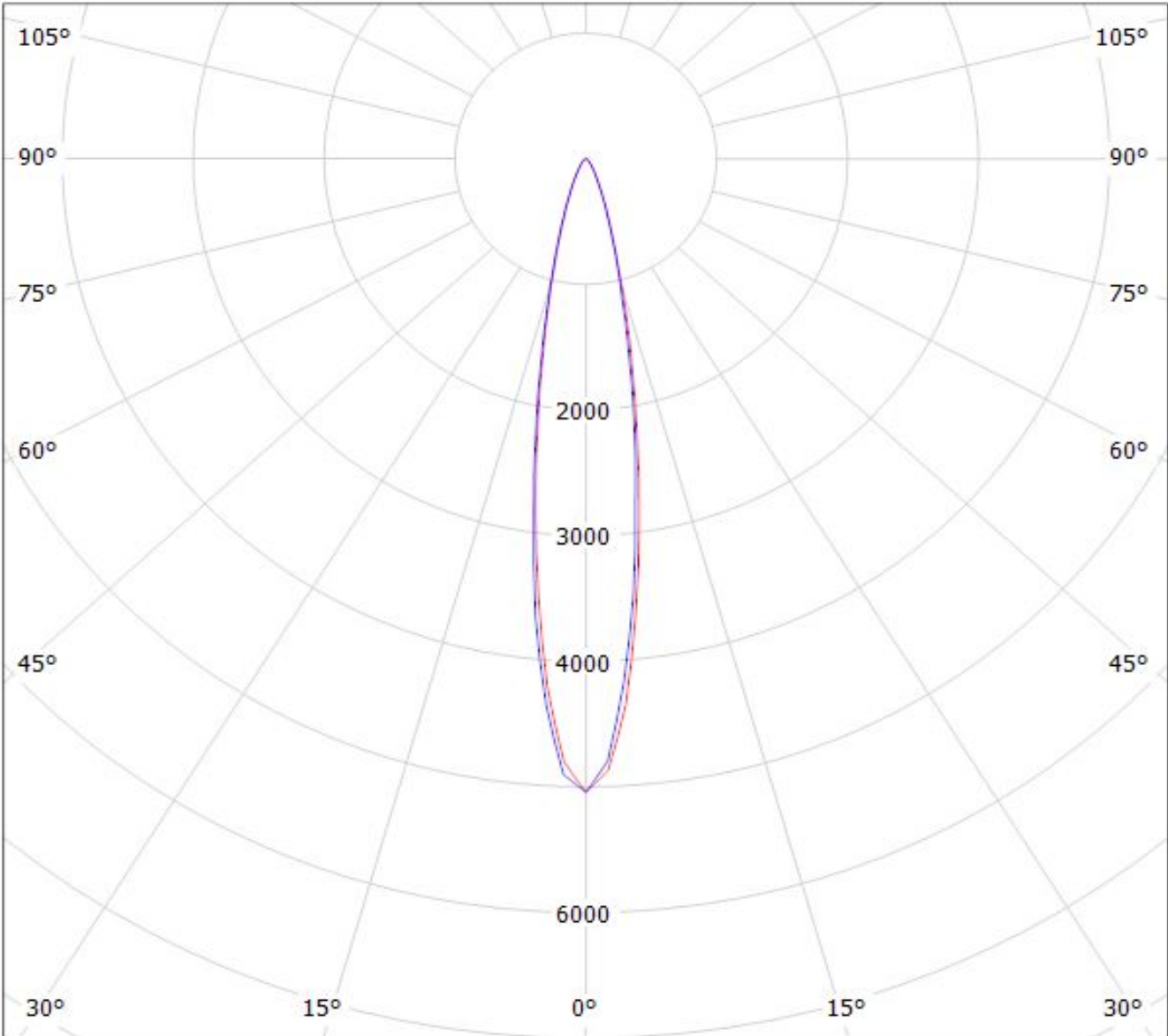
cd/klm

— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(NCS19)
Lamps: 1 x Nichia NCS19A 65lm @ 250mA CCT= P=0.77W I=250mA

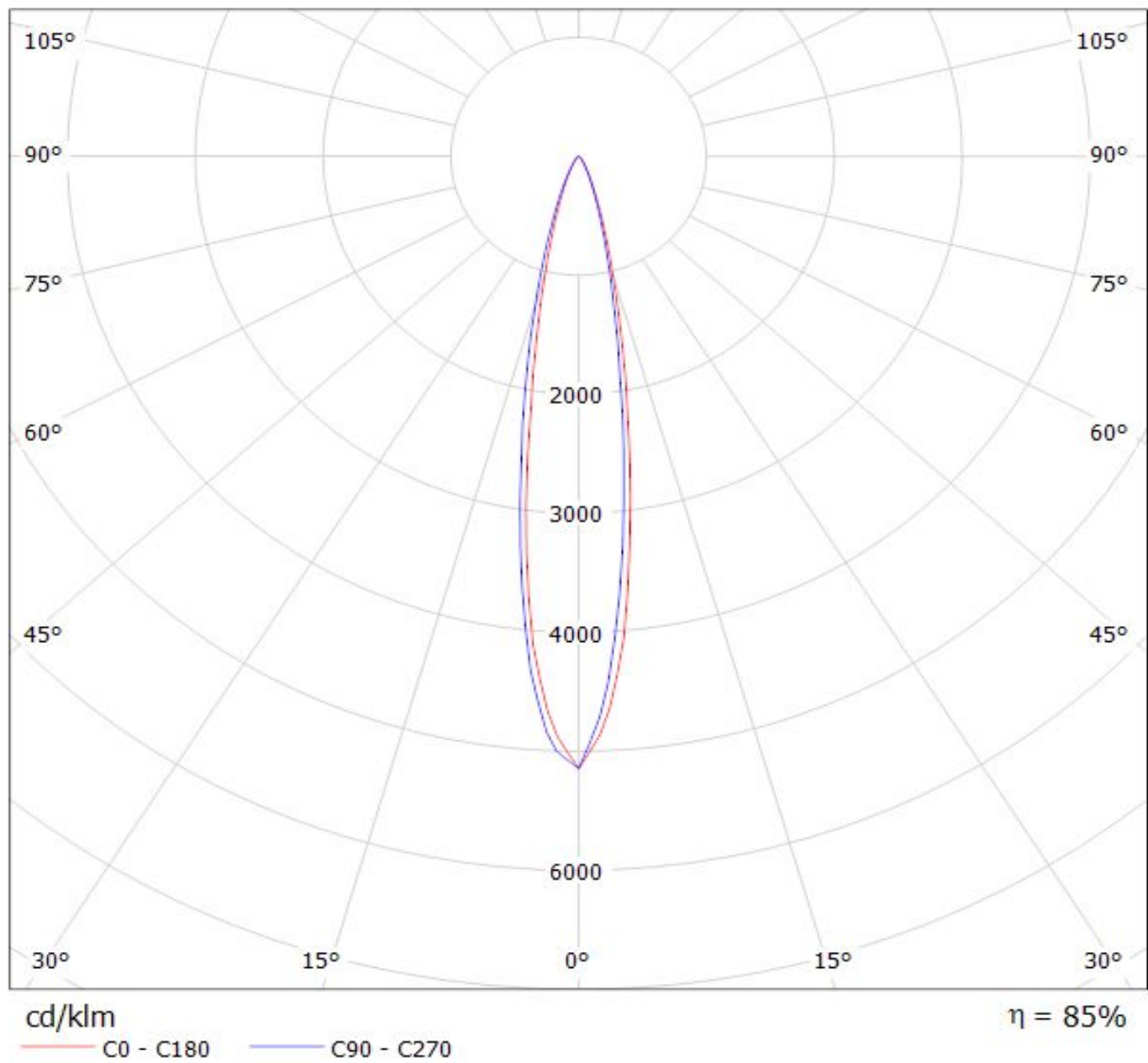


cd/klm

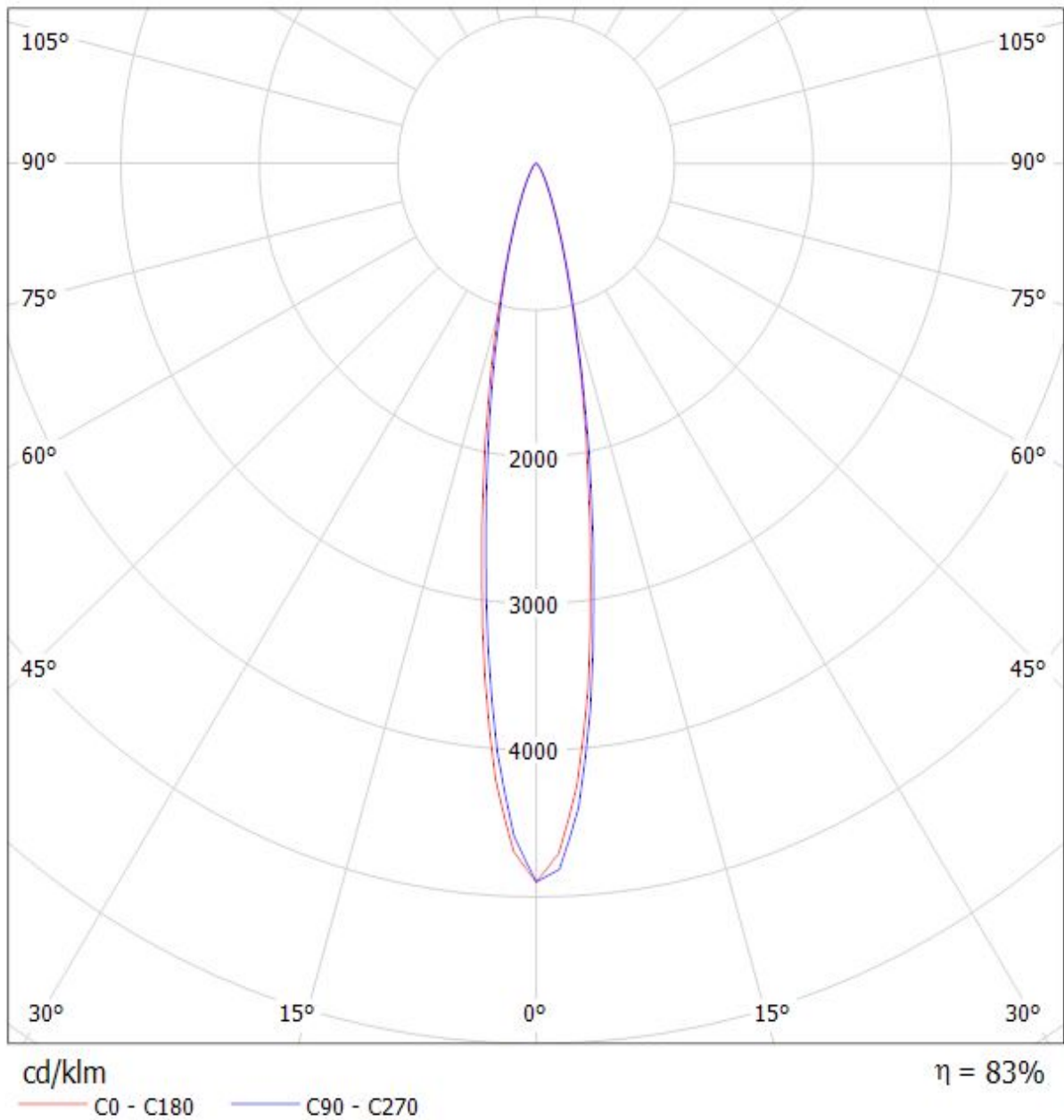
$\eta = 87\%$

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy CA13629_G2-LAURA-D-P_(XP-G2)
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-0000-00FE4) 100lm @ 250mA CCT=4934K P=0.74W I=250mA

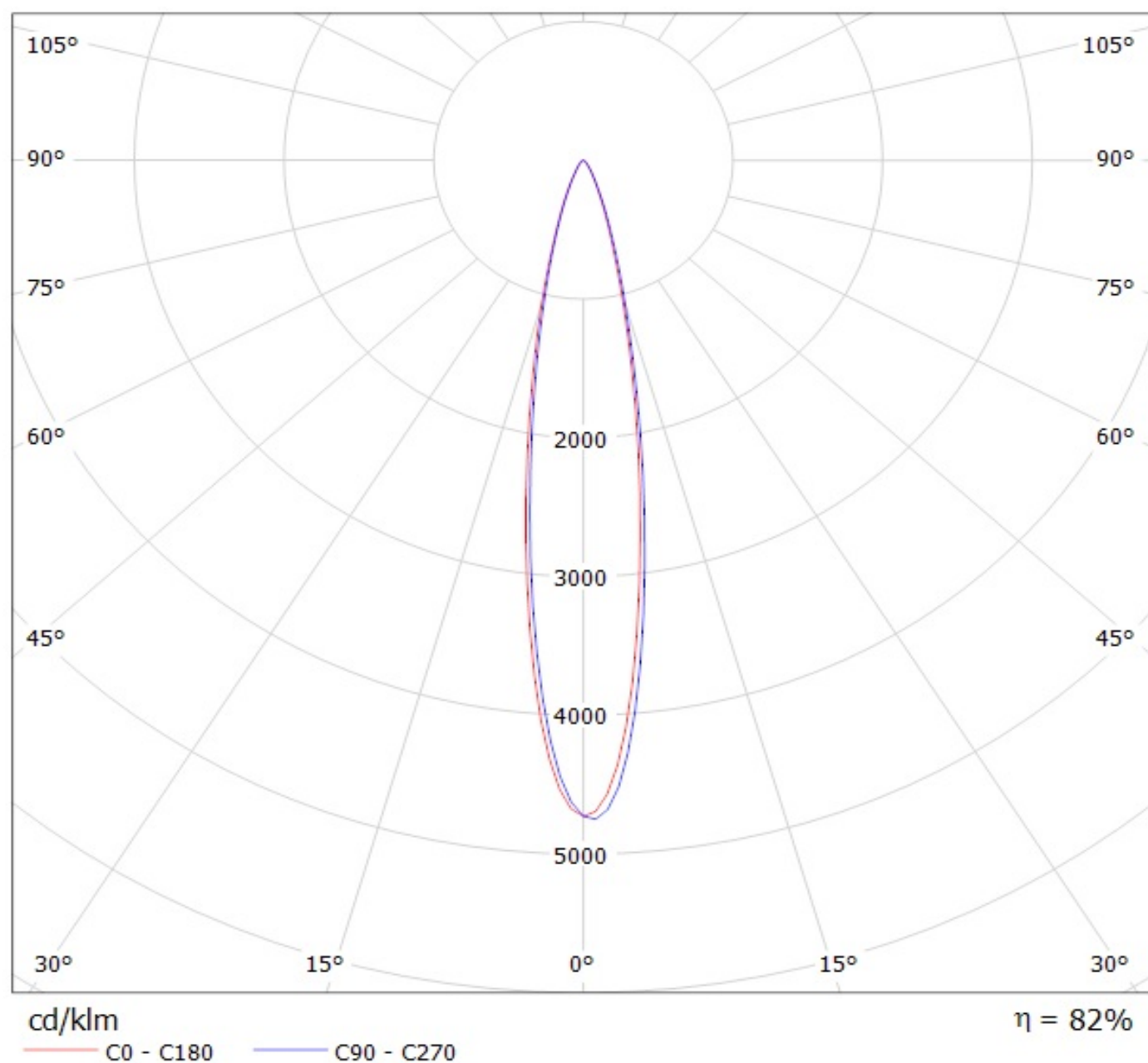


Luminaire: LEDil Oy CA13629_G2-LAURA-D-P_(Oslon_Square_EC)
Lamps: 1 x Osram Oslon Square EC (LCW CQAR-EC-MQMS-5R8T-35) 78lm @ 250mA CCT=3226K P=0.75W I=250mA



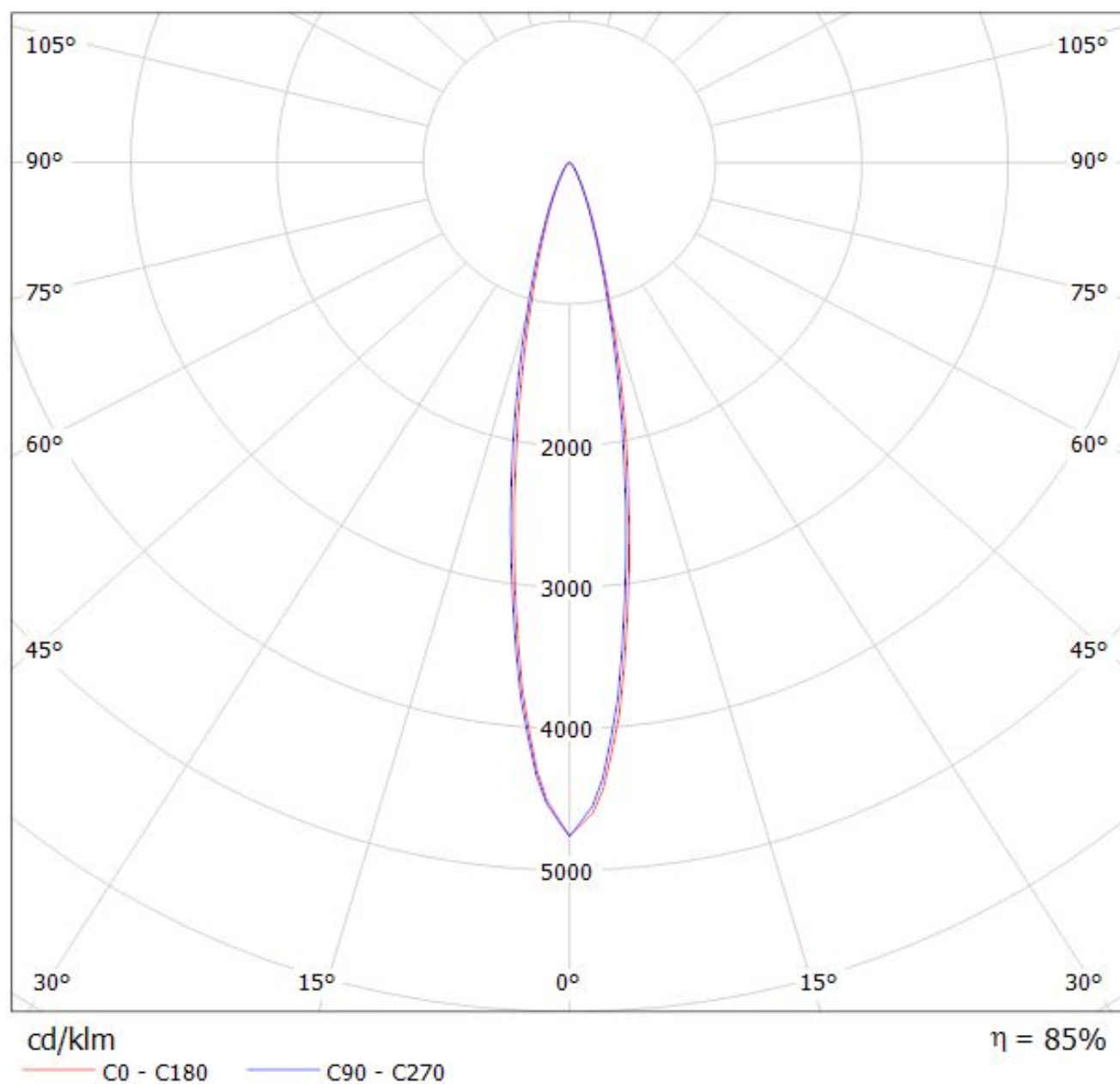
Luminaire: LEDil Oy CA13629_G2-LAURA-D-P_(XT-E)

Lamps: 1 x Cree XT-E (XTEAWT-00-0000-00000HBE8) 73.22lm @ 250mA CCT=2800K P=0.8W I=250mA



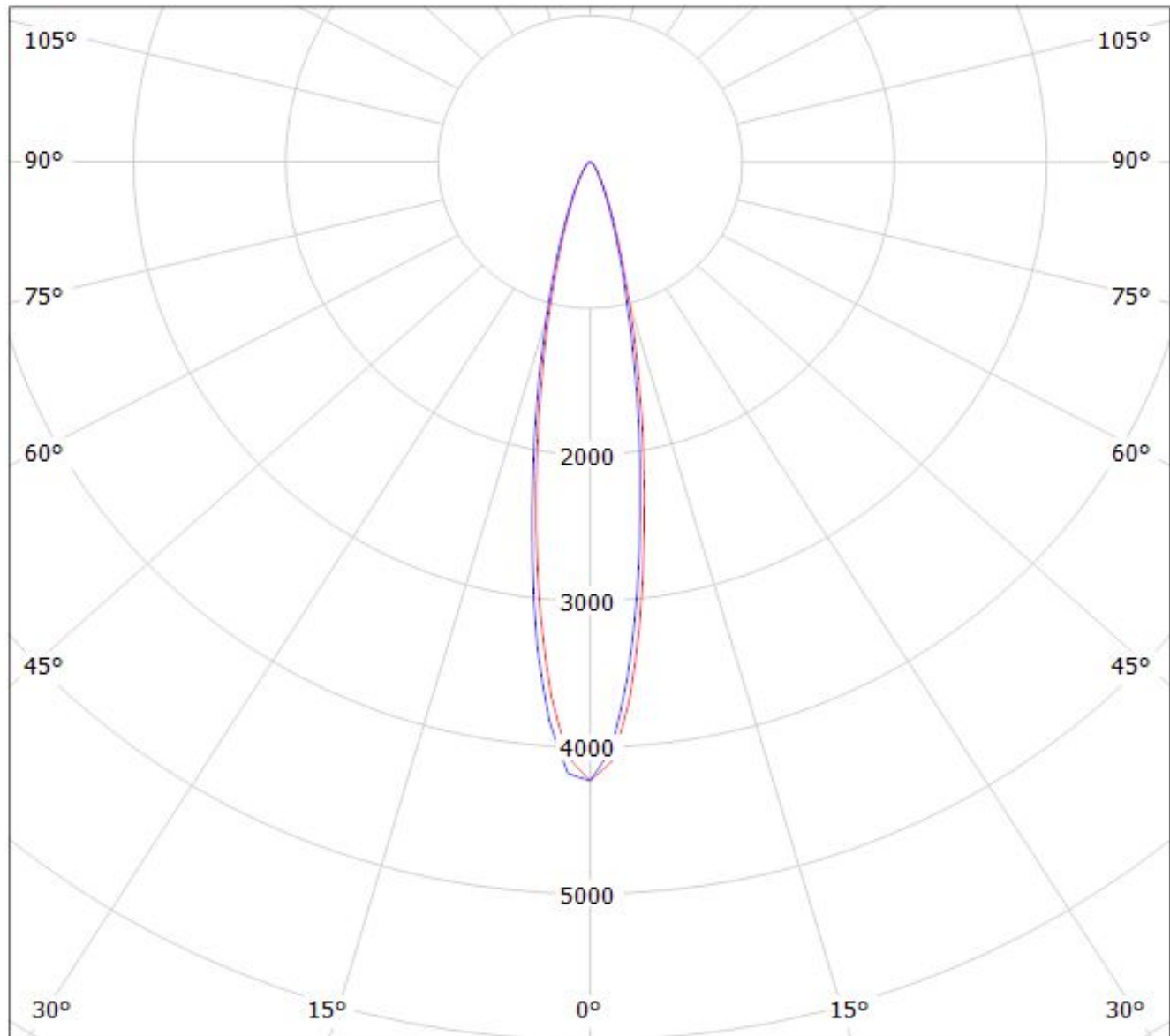
Luminaire: LEDiL Oy CA13629_G2-LAURA-D-P_(XB-H)

Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(NVS19)

Lamps: 1 x Nichia NVSxx19A 93lm @ 250mA CCT= P=0.75W I=250mA



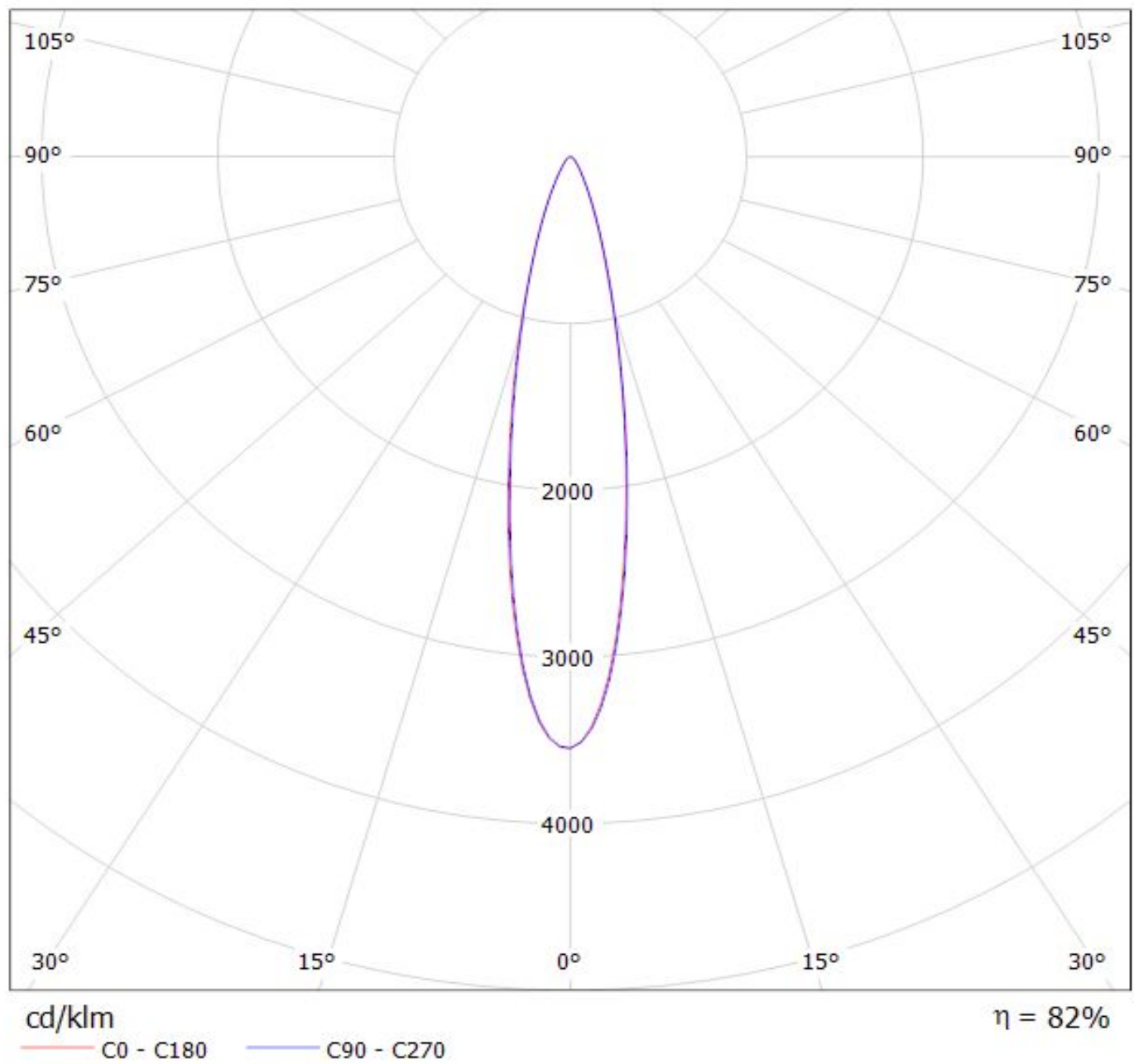
cd/klm

— C0 - C180

— C90 - C270

$\eta = 82\%$

Luminaire: Ledil Oy CA13629_G2-LAURA-D-P_(XP-L) Efficiency=81%
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.72W I=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.