

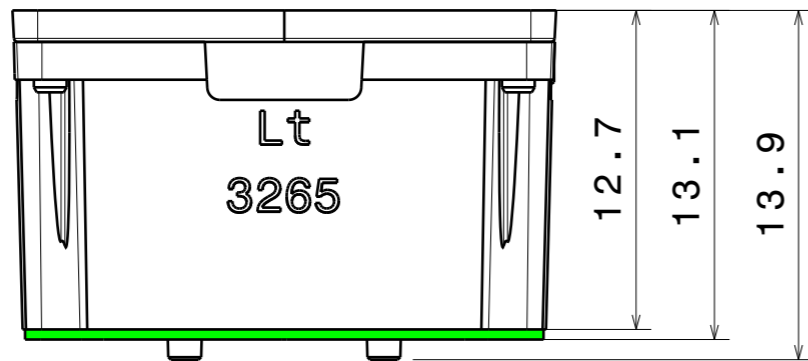
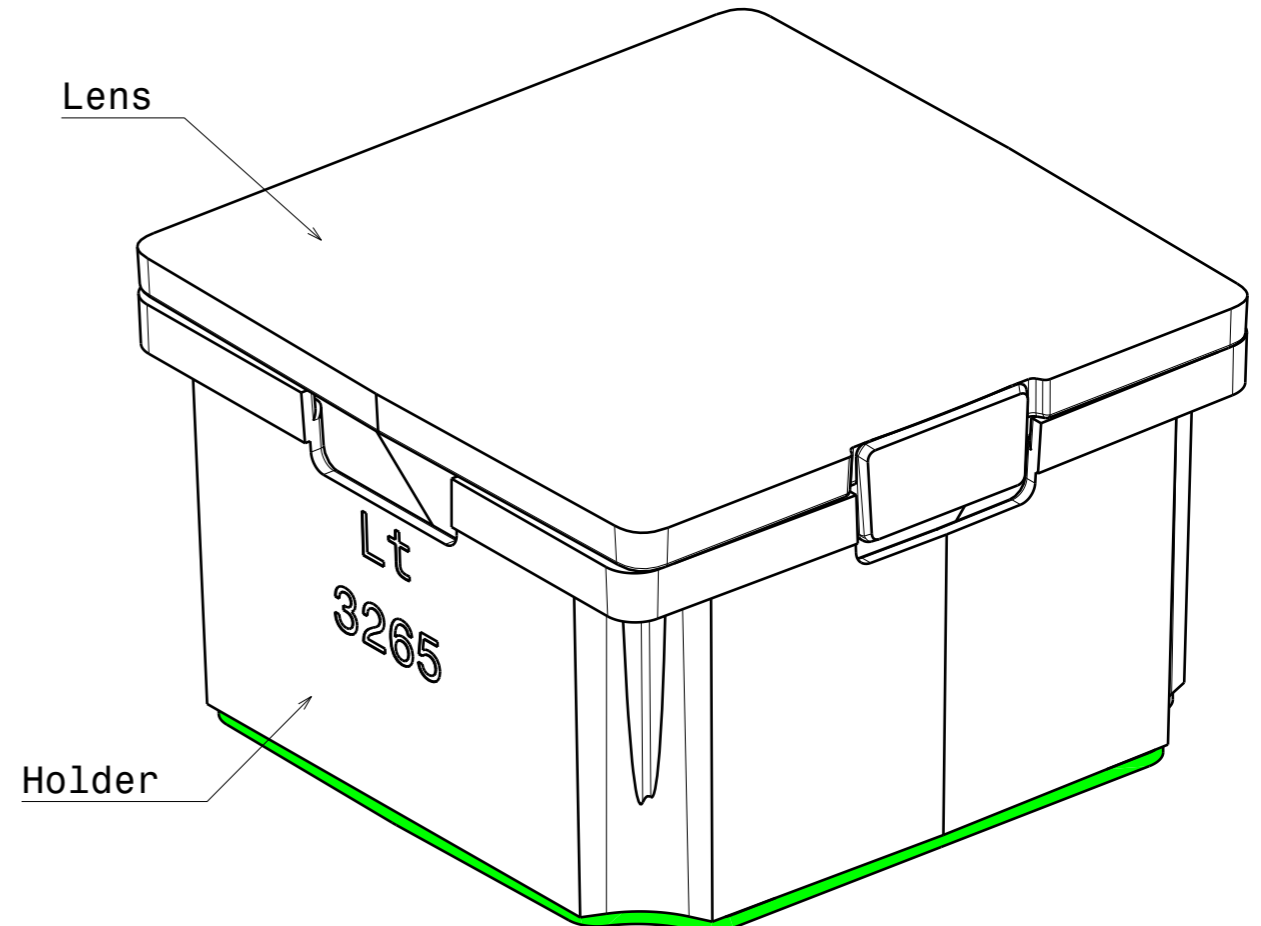
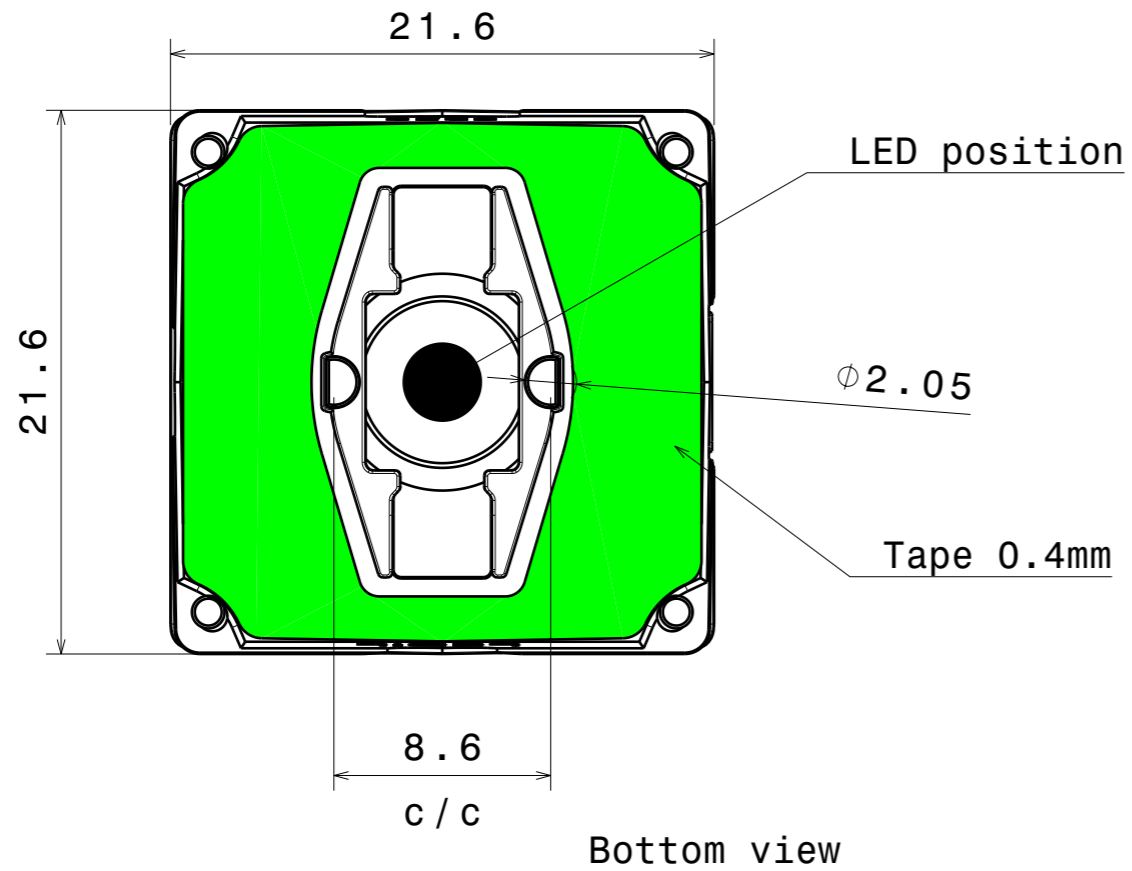
DETAILS

Product Number	CA13638_G2-LAURA-O-WAS-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	
Fastening	tape, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	31/10/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-G	Asymmetric degOval		84 %	2.600	-
XB-D	asymmetric degOval		87 %	4.000	-
XP-E2	asymmetric degOval		88 %	4.800	-
XP-G2	asymmetric degOval		88 %	3.700	-
XT-E	asymmetric degOval		87 %	3.400	-
LUXEON A	Asymmetric degOval		86 %	3.500	-
Oslon Square EC	asymmetric degOval		87 %	3.800	-





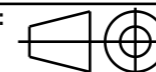
INDEX	PART NO	MATERIAL	COLOUR
1	-	PU foam	black
2	C13265	PC	white
3	C12725	PMMA	clear

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

CA13638_G2-LAURA-O-WAS-P

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 of LEDiL Oy. It may not be
 reproduced, copied or
 communicated without a written
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SIZE PART NUMBER

A3

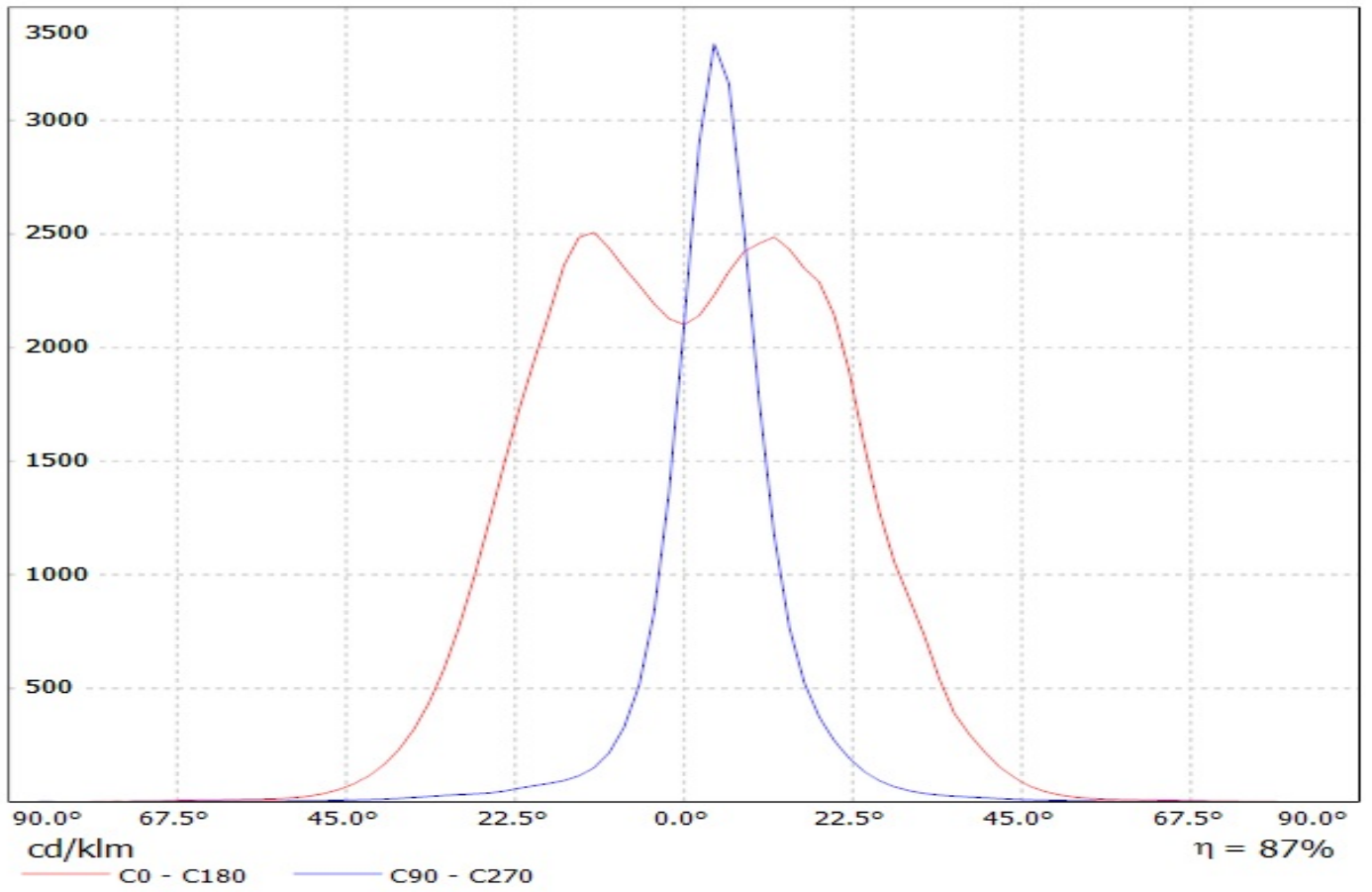
CA13638

SCALE 10:3 WEIGHT -

SHEET 1/1

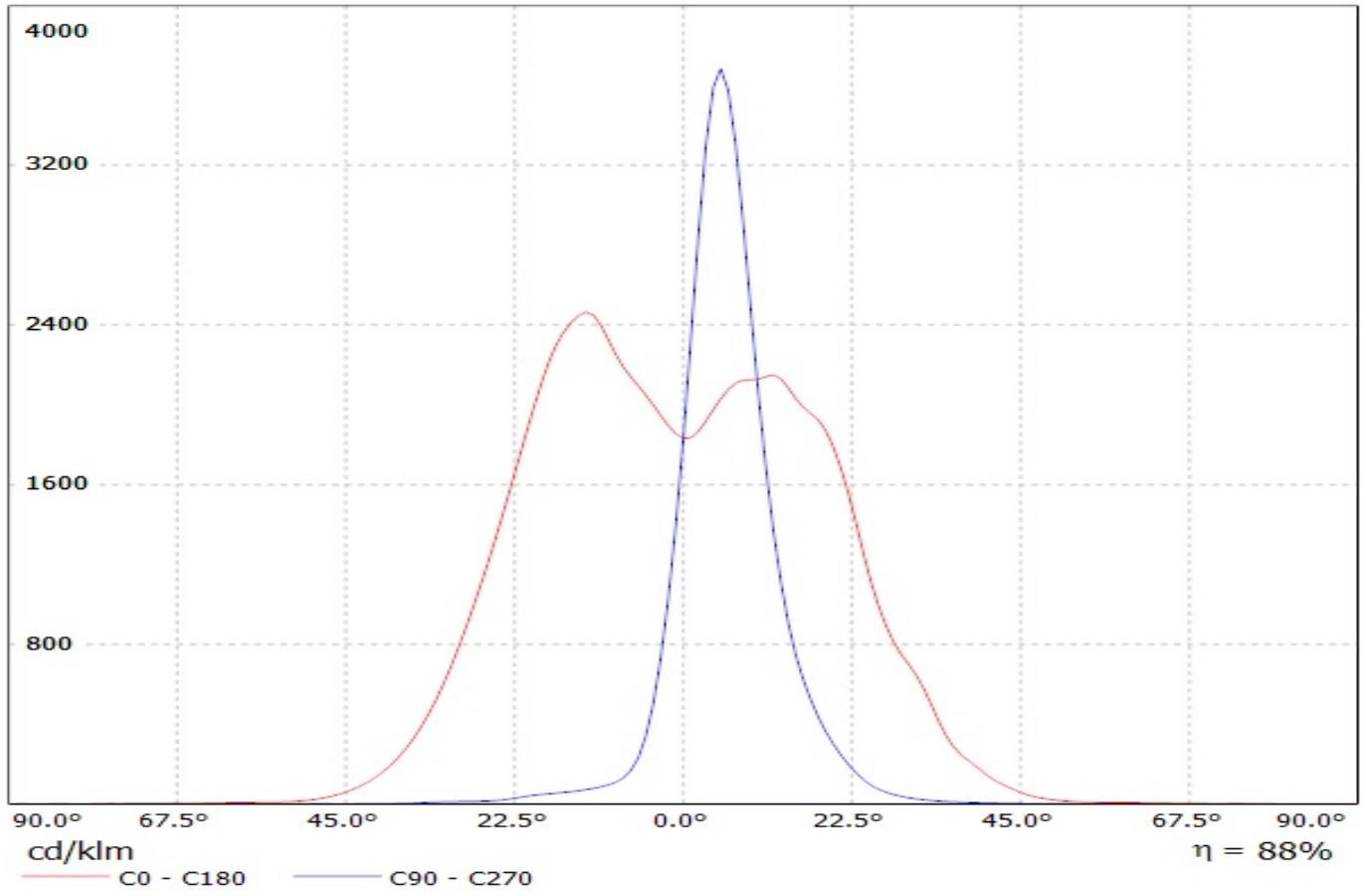
Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XB-D)

Lamps: 1 x Cree XB-D (XBDAWT-00-0000-000000F51) 97.2lm @ 250mA P=0.8W I=250mA



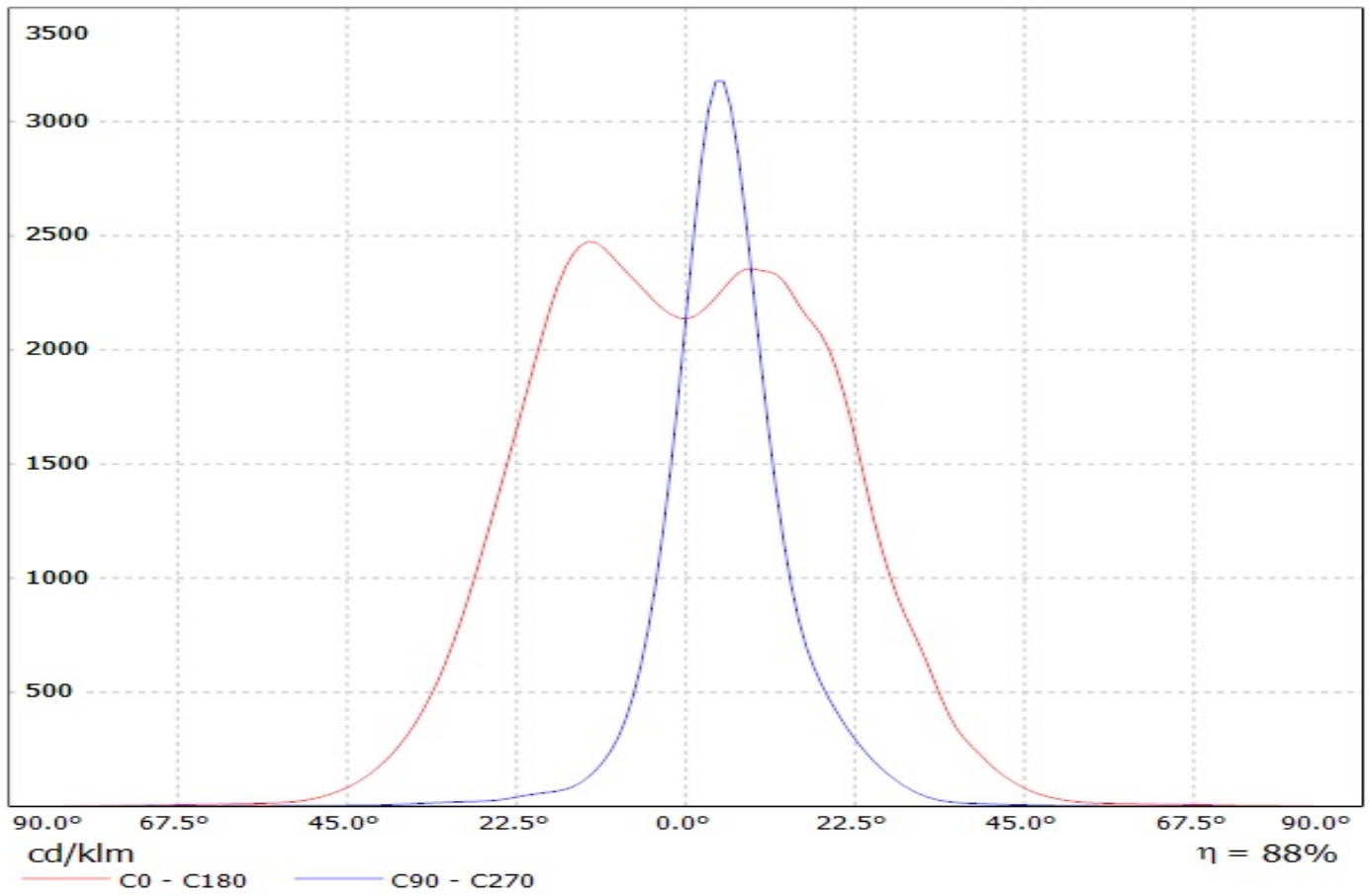
Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XP-E2)

Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 79.02lm @ 250mA P=0.8W I=250mA

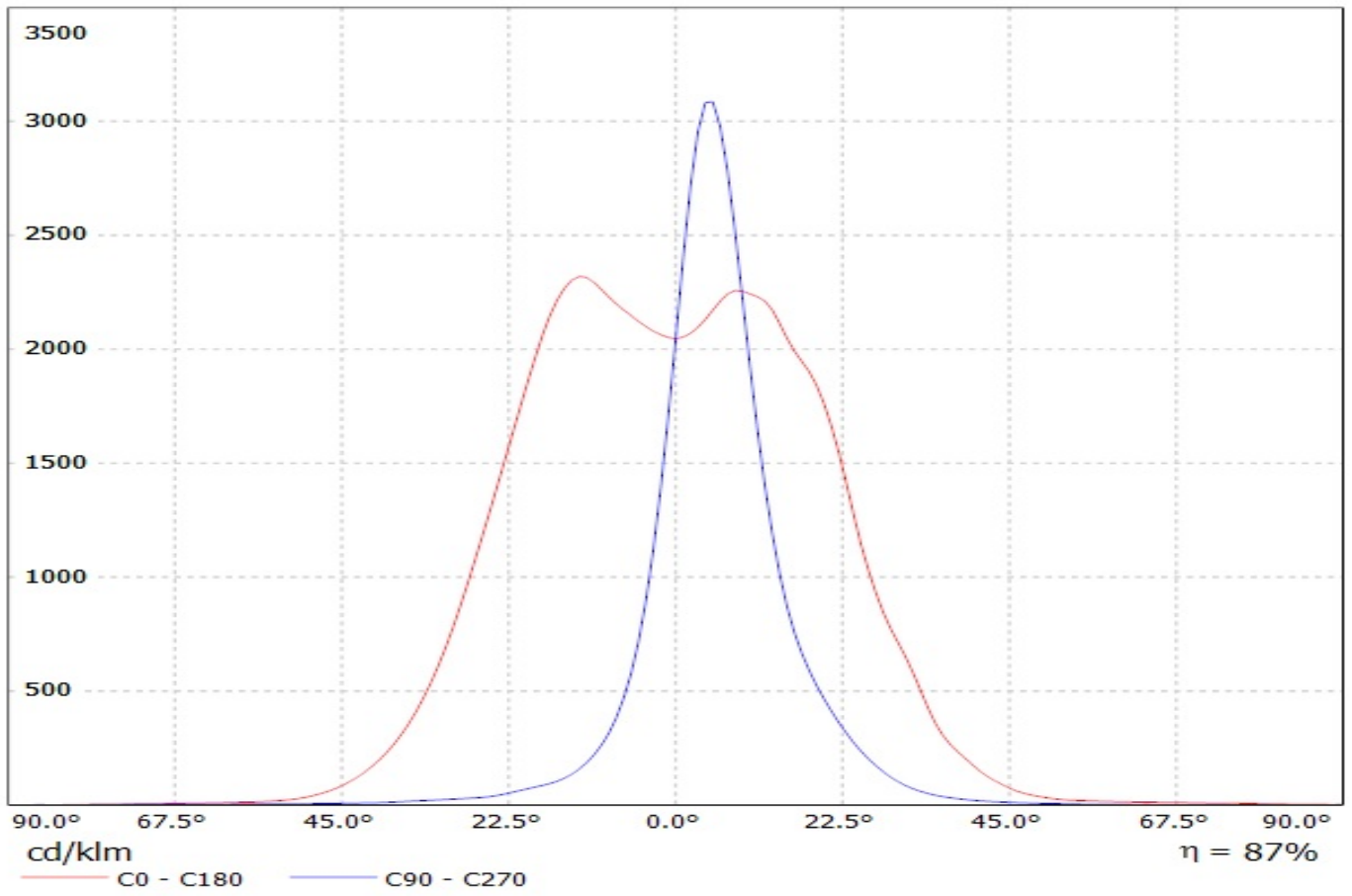


Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XP-G2)

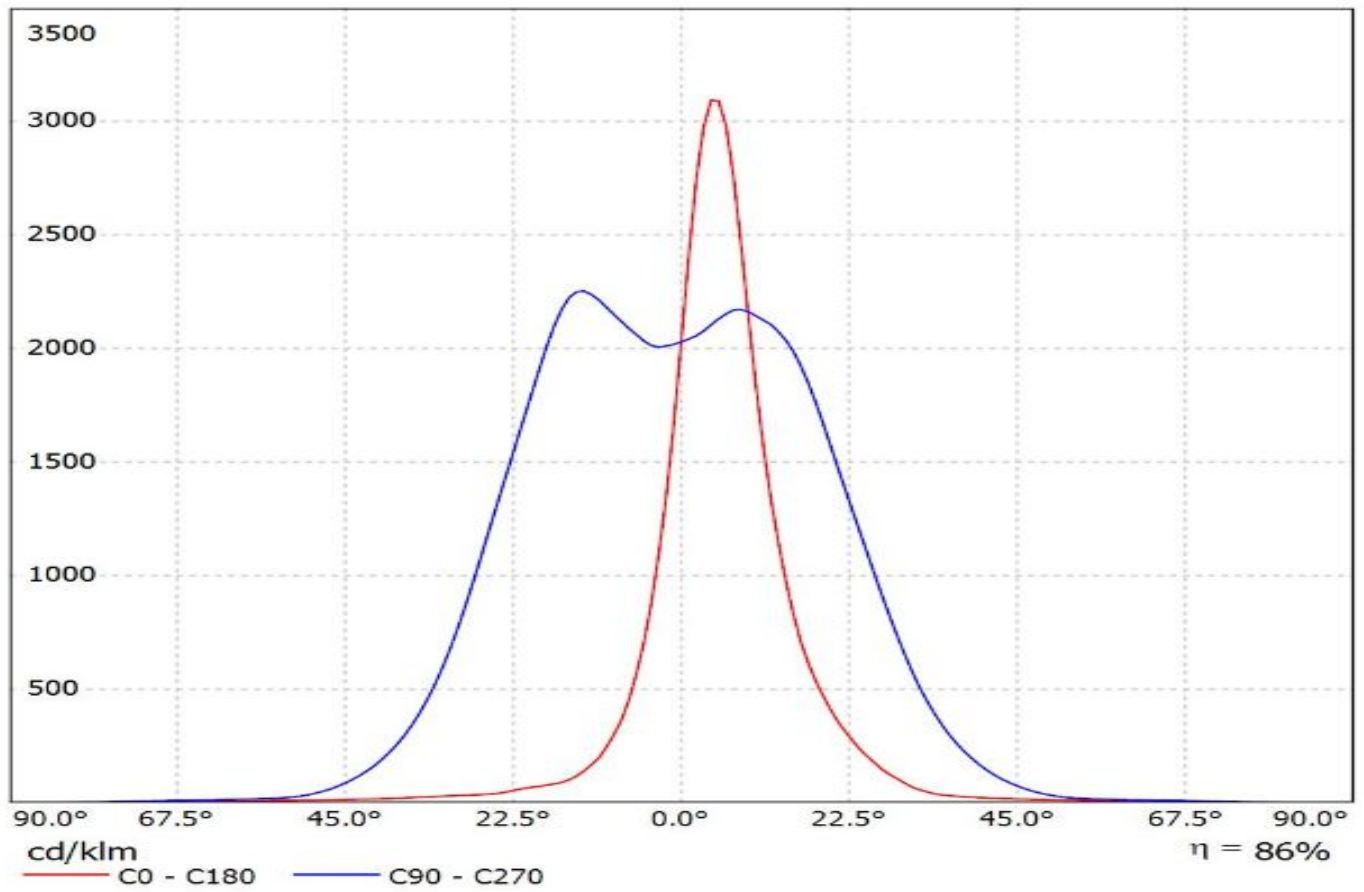
Lamps: 1 x Cree XP-G2 (XPGBWTL1-0000-00FE4) 99.2lm @ 250mA CCT=4934K P=0.7W I=250mA



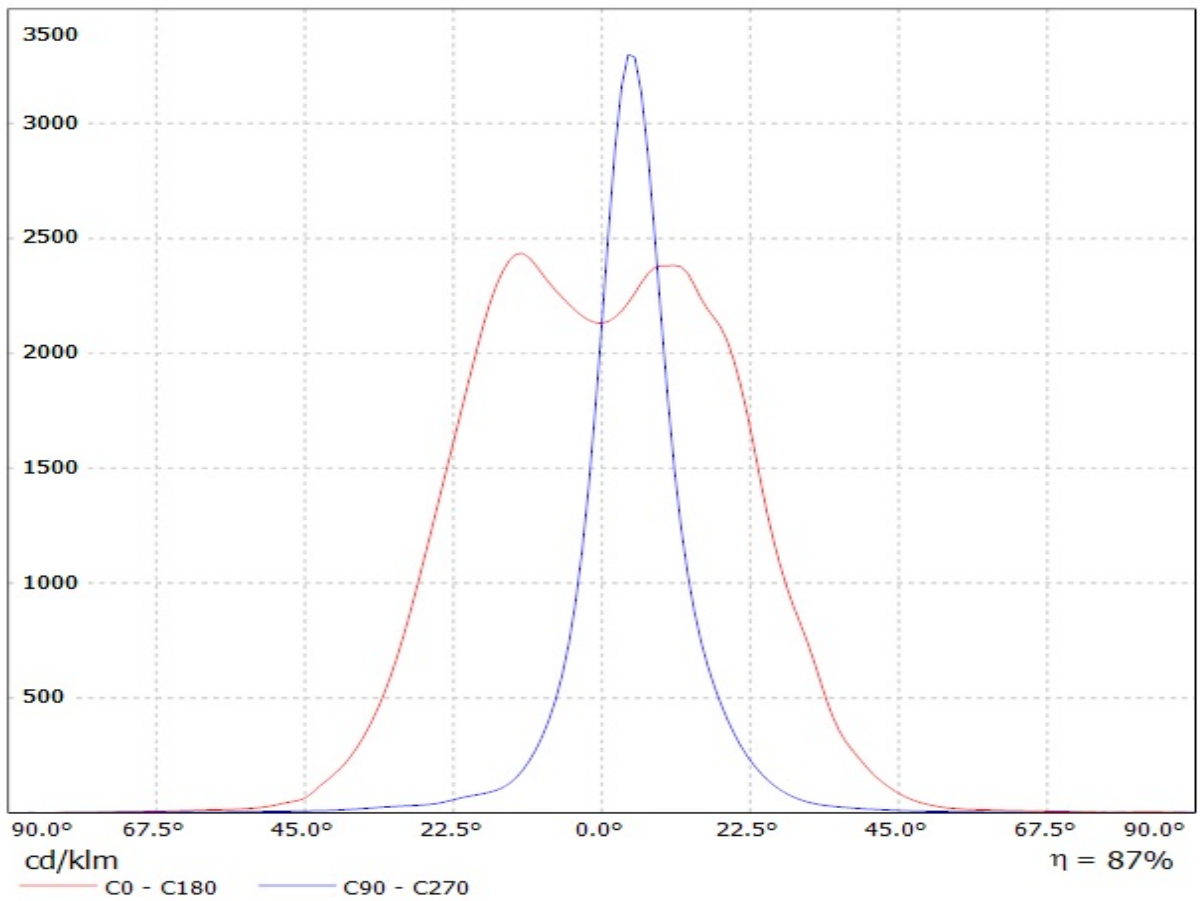
Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XT-E)
Lamps: 1 x Cree XT-E (XTEAWT-00-0000-00000HBE8) 73.22lm @ 250mA CCT=2800K P=0.8W I=250mA



Luminaire: Ledil CA13638_G2-LAURA-O-WAS-P_(LUXEON_A)
Lamps: 1 x LUXEON_A_(LXH8-PW30)_66.0048lm@250mA_P=0.7207W_I=0.25A

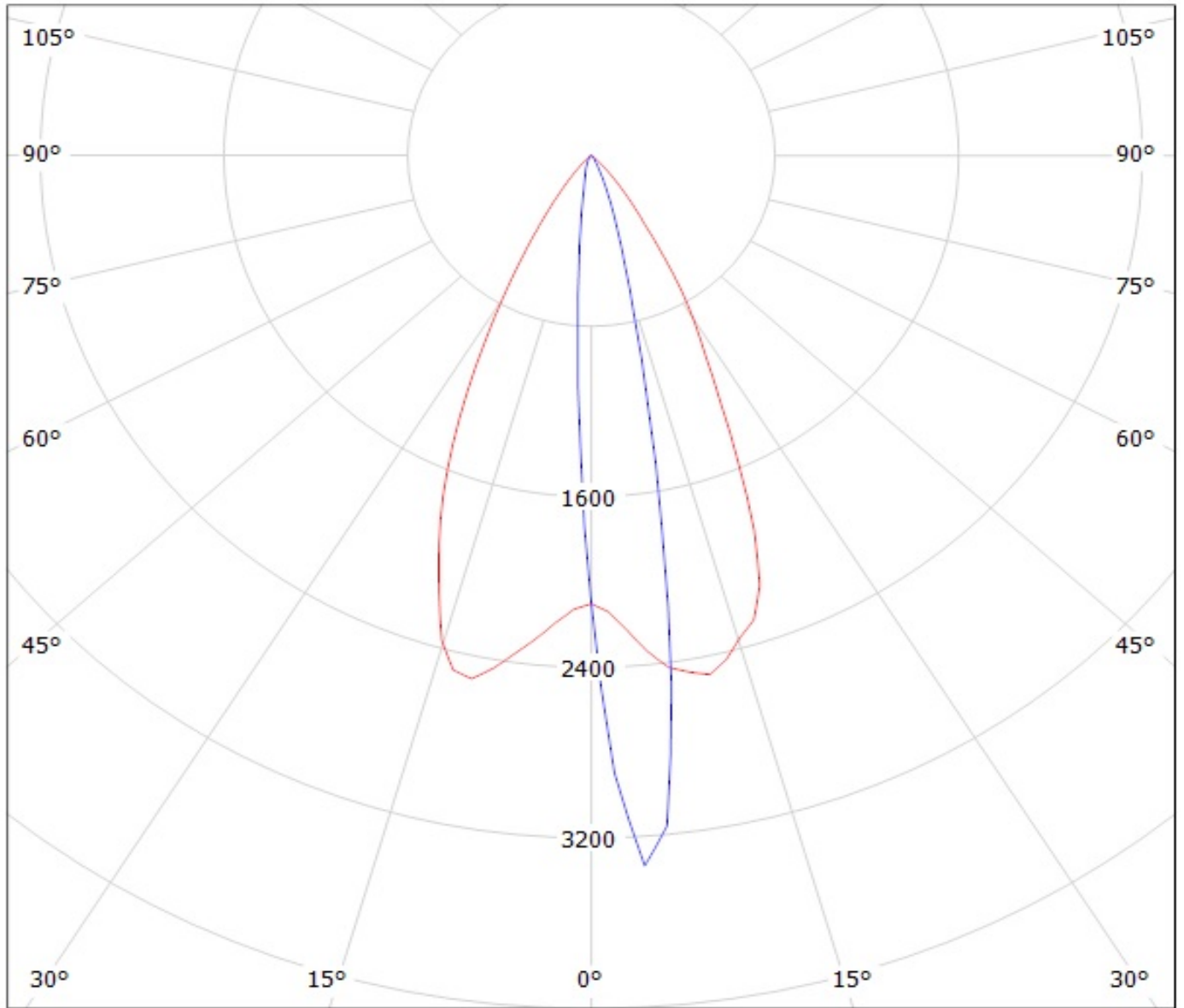


Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P (Oslon Square EC)
Lamps: 1 x Osram Oslon Square EC (LCW CQAR-EC-MQMS-5R8T-35) 77.57lm @ 250mA CCT=3226K P=0.8W I=250mA



Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XB-D)

Lamps: 1 x Cree XB-D (XBDAWT-00-0000-000000F51) 97.2lm @ 250mA P=0.8W I=250mA



cd/klm

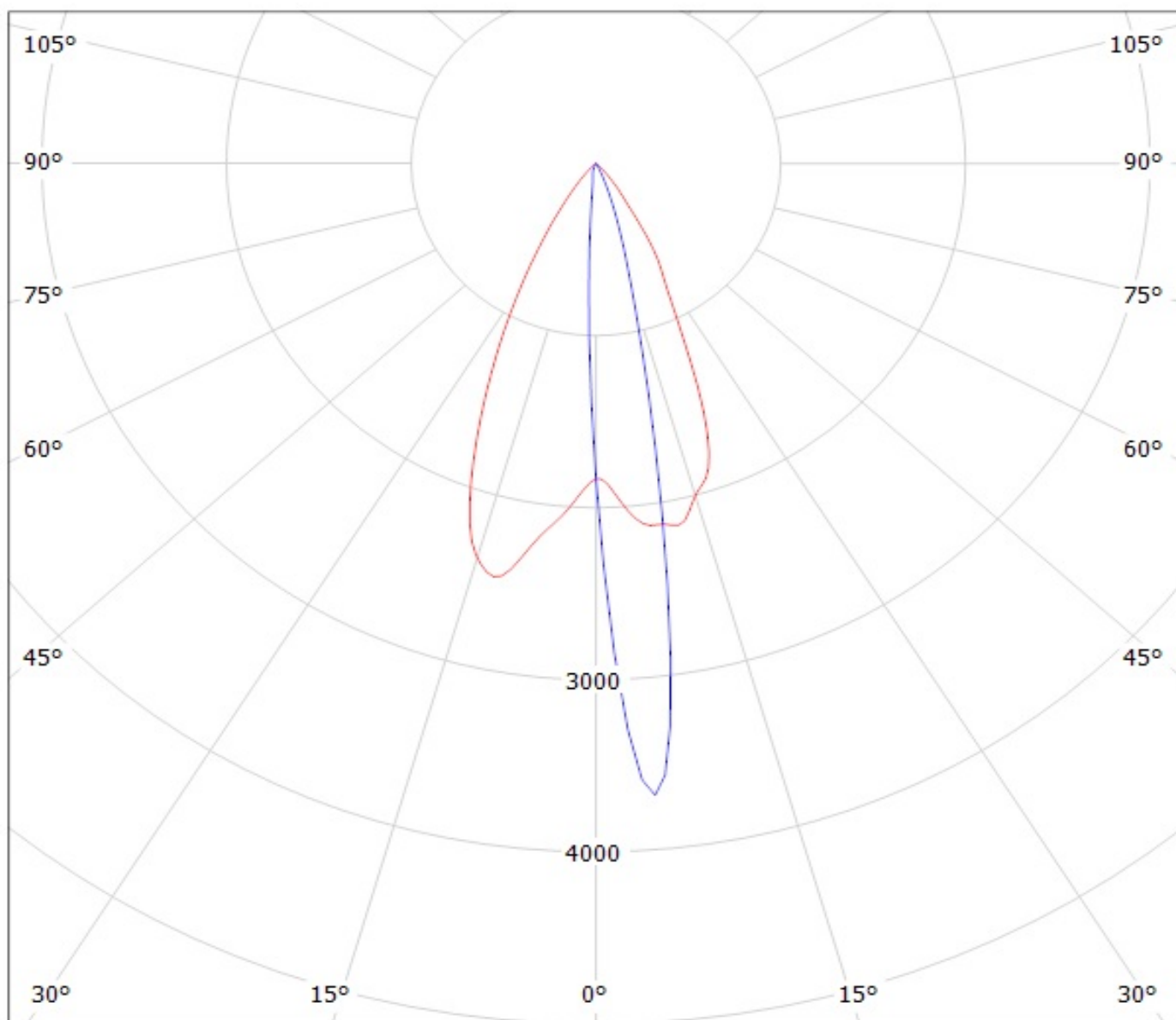
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XP-E2)

Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 79.02lm @ 250mA P=0.8W I=250mA



cd/klm

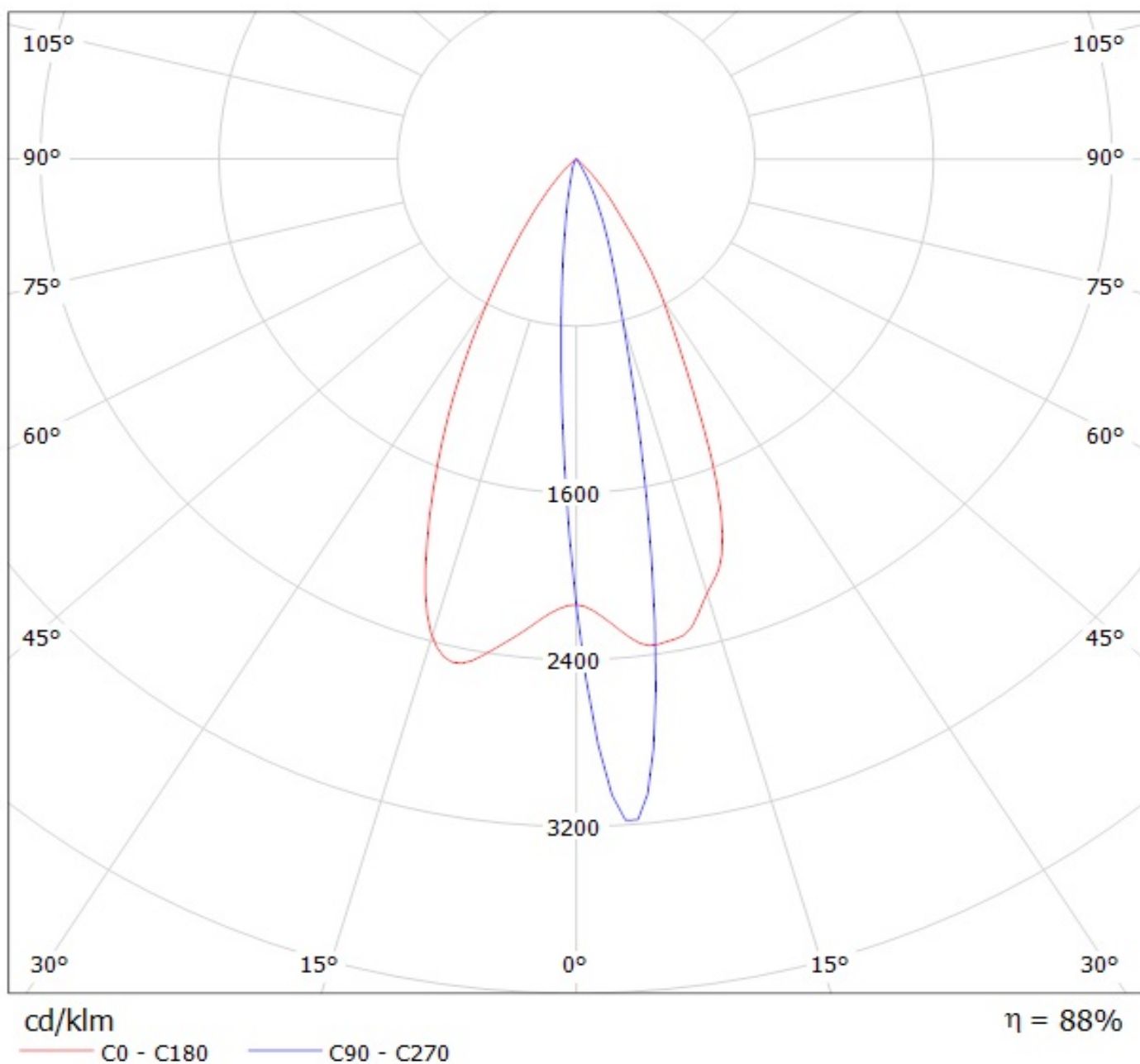
— C0 - C180

— C90 - C270

$\eta = 88\%$

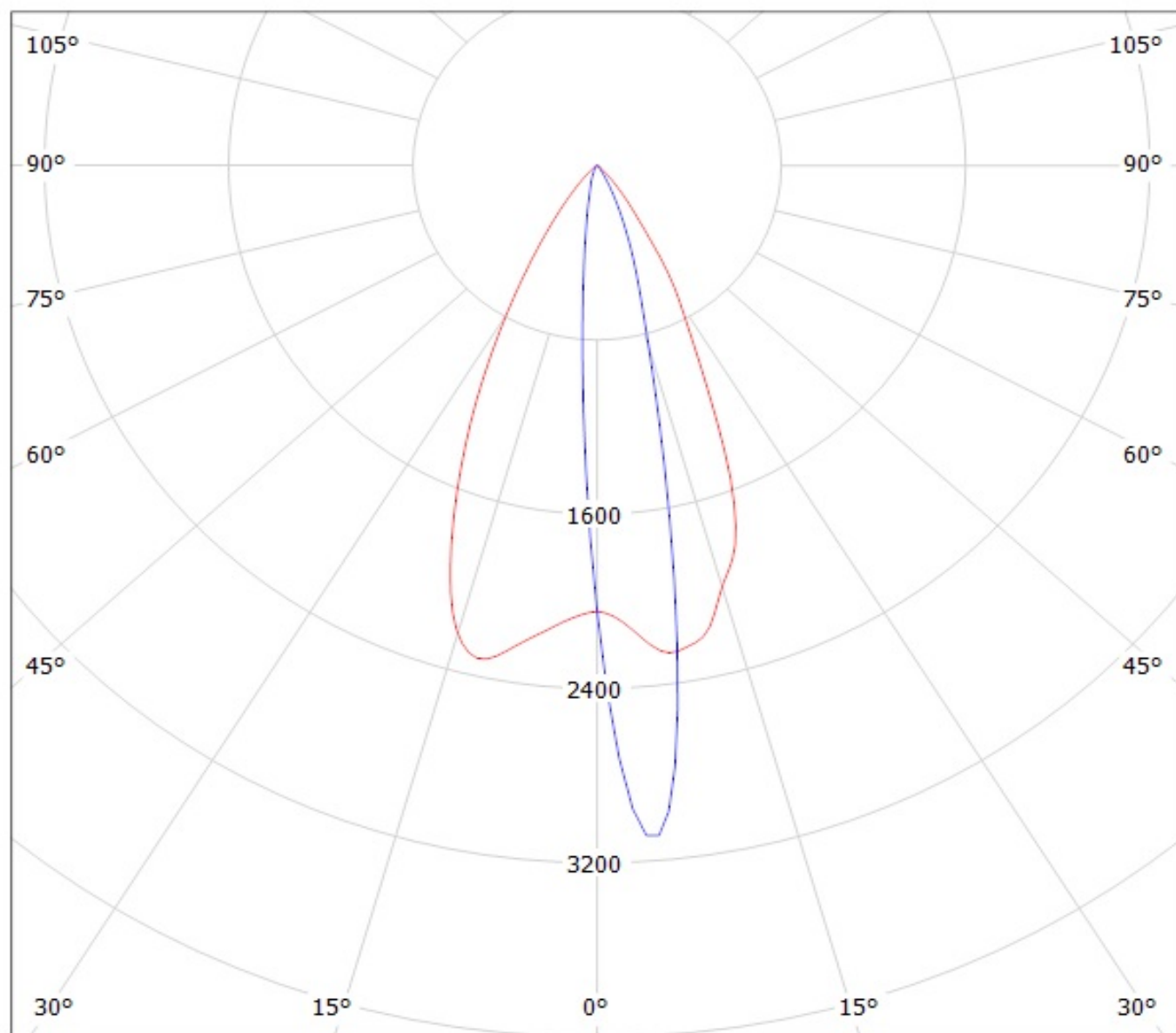
Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XP-G2)

Lamps: 1 x Cree XP-G2 (XPGBWTL1-0000-00FE4) 99.2lm @ 250mA CCT=4934K P=0.7W I=250mA



Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(XT-E)

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



cd/klm

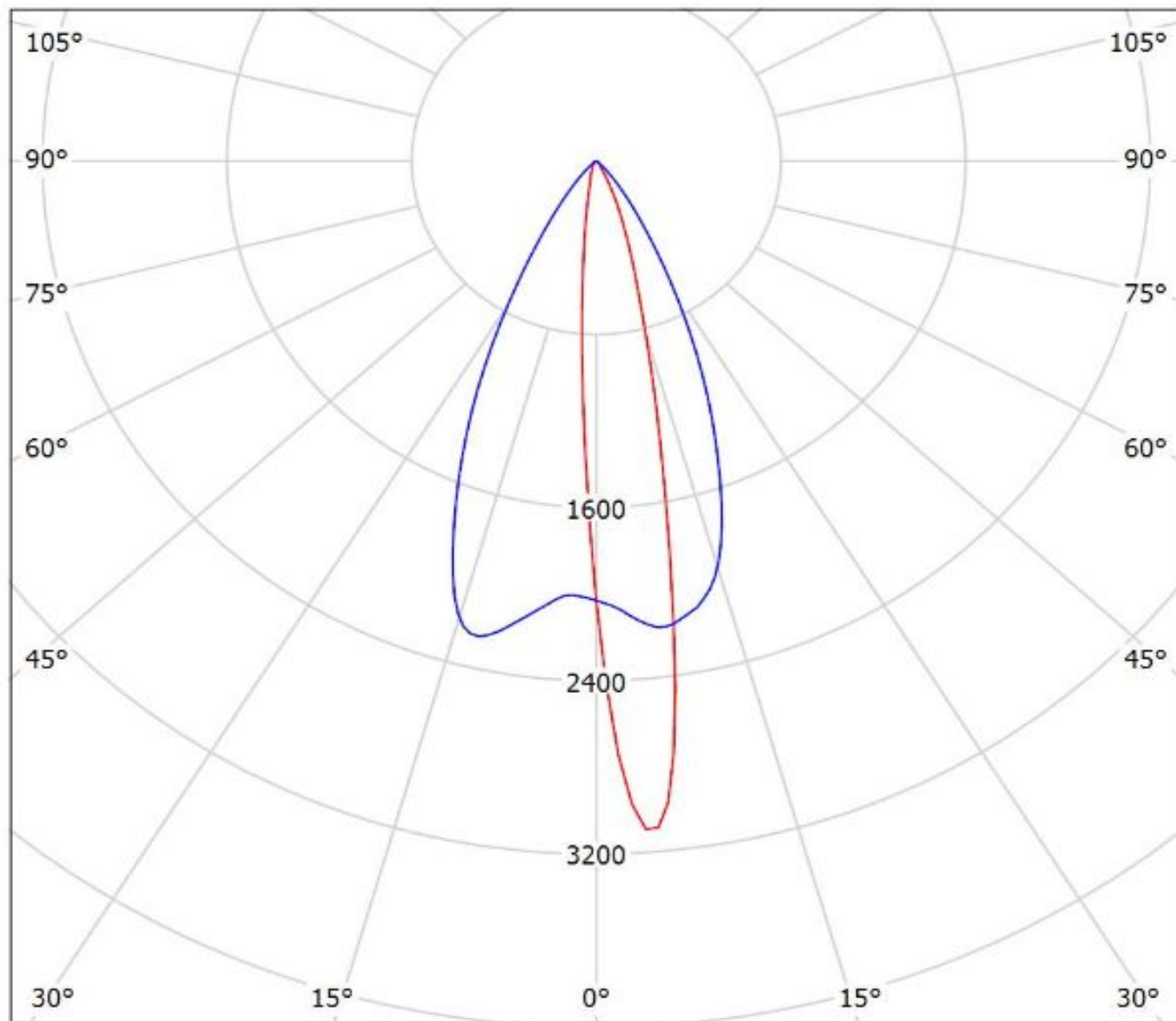
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: Ledil CA13638_G2-LAURA-O-WAS-P_(LUXEON_A)

Lamps: 1 x LUXEON_A_(LXH8-PW30)_66.0048lm@250mA_P=0.7207W_I=0.25A



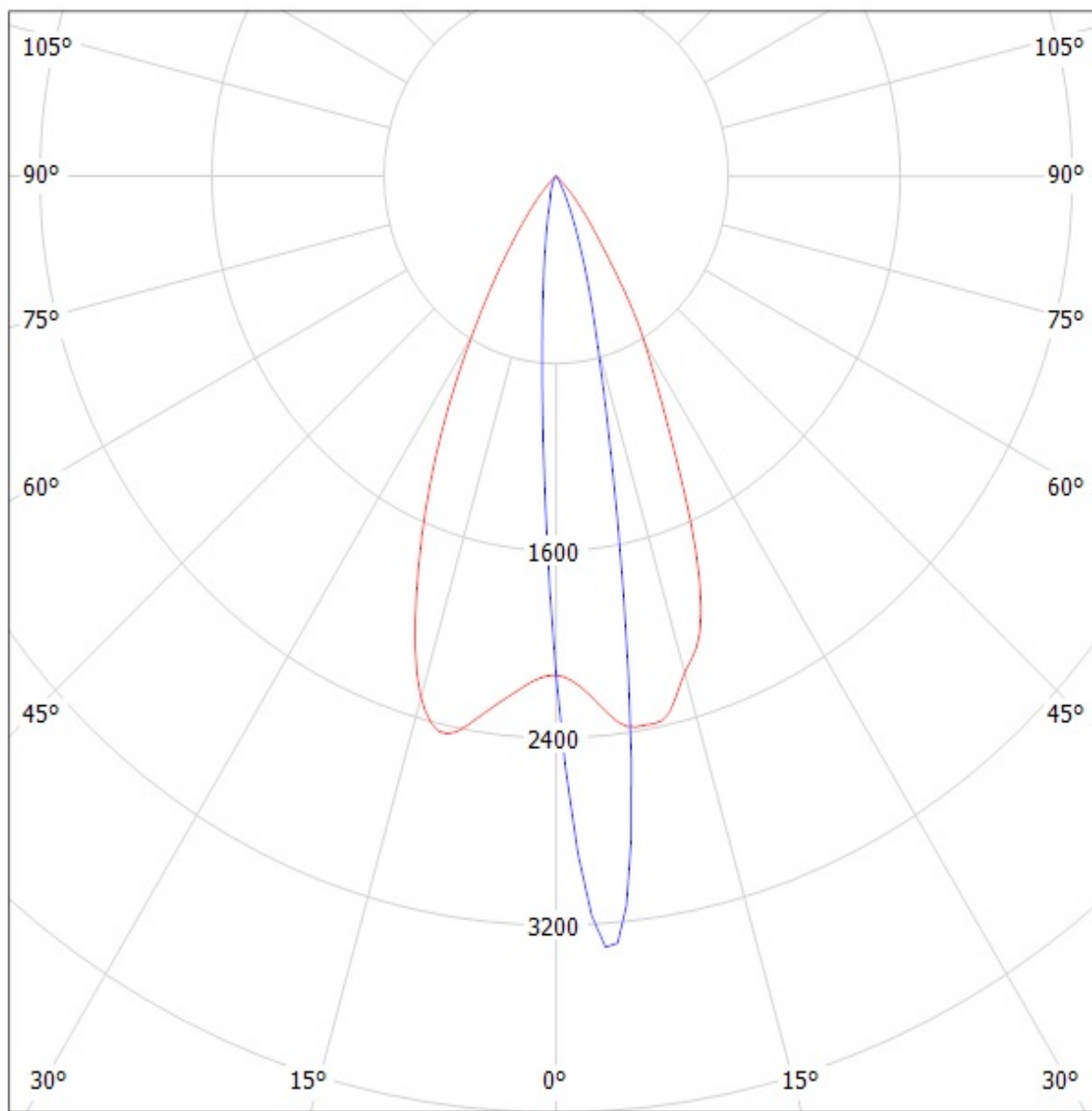
cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

Luminaire: LEDil Oy CA13638_G2-LAURA-O-WAS-P_(Oslon_Square_EC)

Lamps: 1 x Osram Oslon Square EC (LCW CQAR-EC-MQMS-5R8T-35) 77.57lm @ 250mA CCT=3226K P=0.8W I=250mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 87\%$

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.