

DETAILS

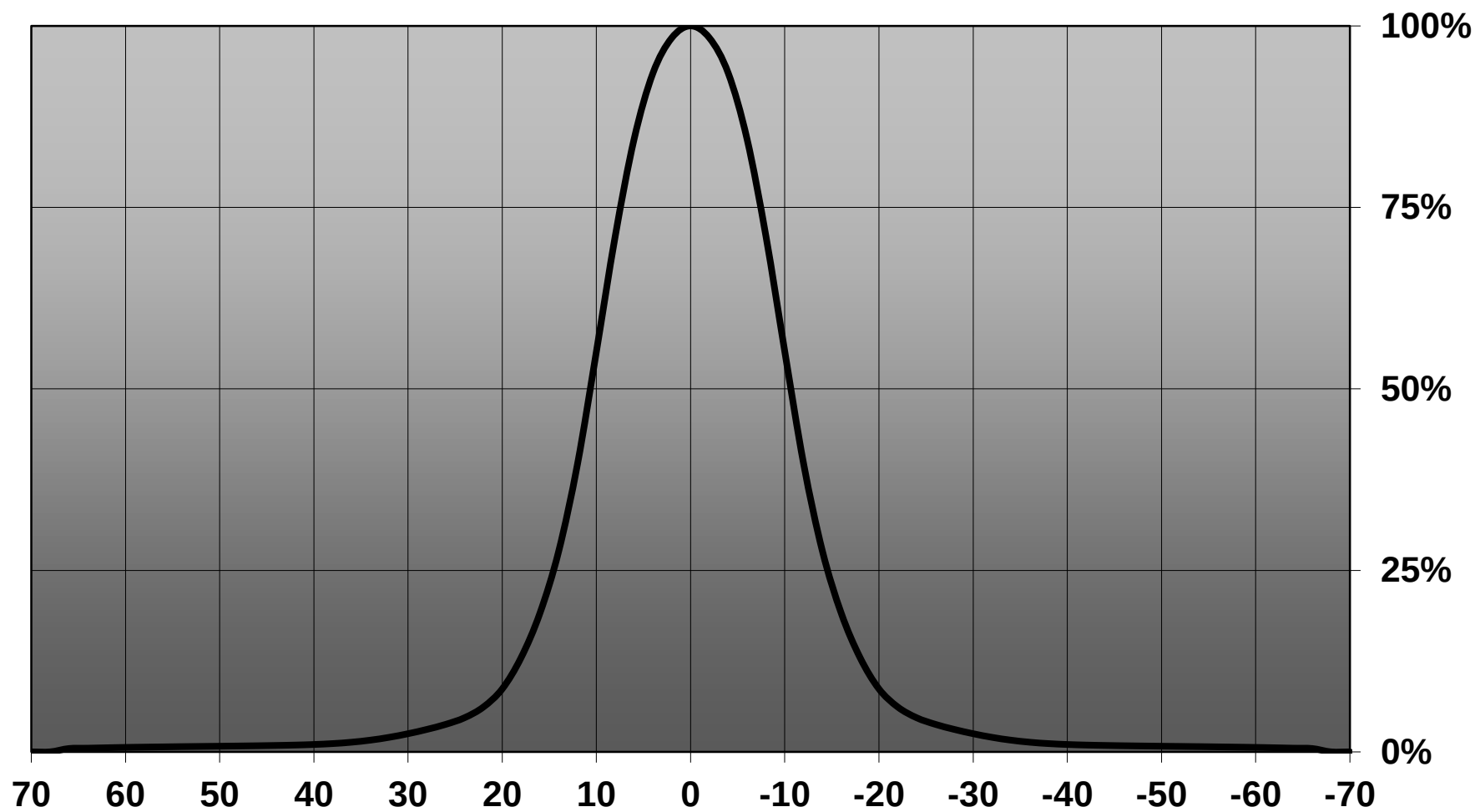
Product Number	FP13025_LISA2-W-PIN
Family	Lisa2
Type	Assembly
Color	black
Diameter	9.9 mm
Height	6.8 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	25/09/2013



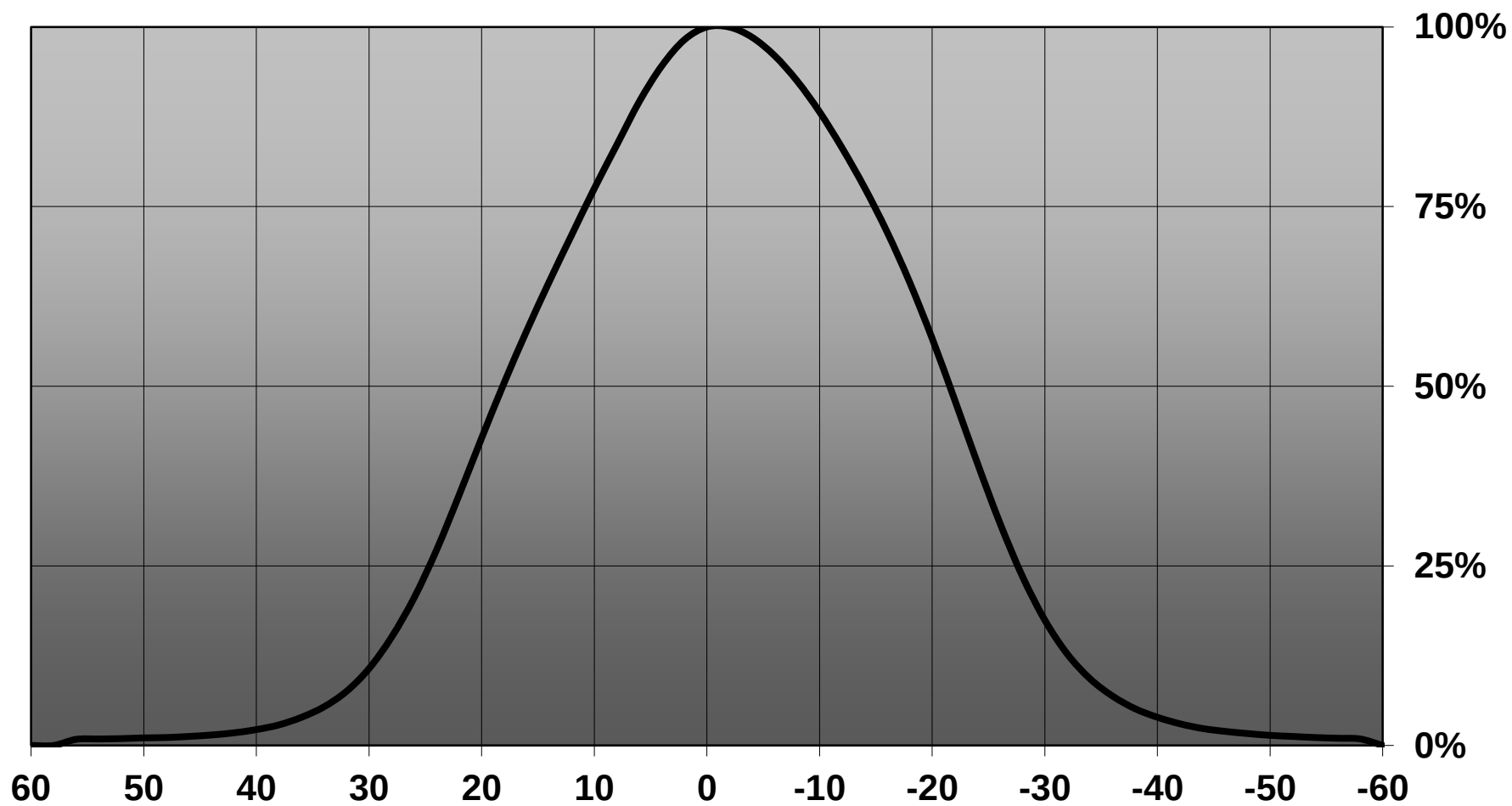
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
LUXEON H50-2	(simulated) 30		(simulated) 89 %	(simulated) 2.800	-
SFH 4715S (IR)	22 degrees		-	(simulated) 0.000	-
XT-E	32 degrees		84 %	2.200	-
NCSxx19B	34 degrees		84 %	2.600	-
LUXEON TX	34 degrees		88 %	2.500	-
XP-G2	36 degrees		88 %	2.200	-
LUXEON T	36 degrees		86 %	2.000	-
LH351Z	38 degrees		88 %	2.100	-
LH351B	39 degrees		88 %	1.880	-
H35C1 (LEMWA33)	40 degrees		88 %	2.000	-

Relative intensity of FP13031&FP13025_LISA2-W-SFH_IR



Relative intensity of FP13025_LISA2-W-PIN_(LH351B)



D

C

B

A

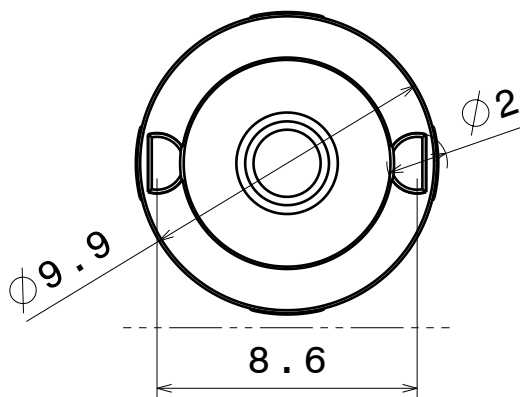
lens

holder

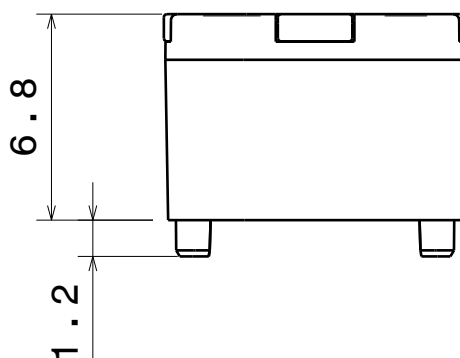


Isometric view
Scale: 2:1

Bottom view



Front view



Materials:
Lens PMMA
Holder PC

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LEDIL

Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWING TITLE

Datasheet Lisa2-Pin-XT Series Assy

DRAWN BY
pl

DATE
20.06.2012

CHECKED BY

DATE

SIZE
A4

DRAWING NUMBER

REV
1

DESIGNED BY
pl

DATE
20.06.2012

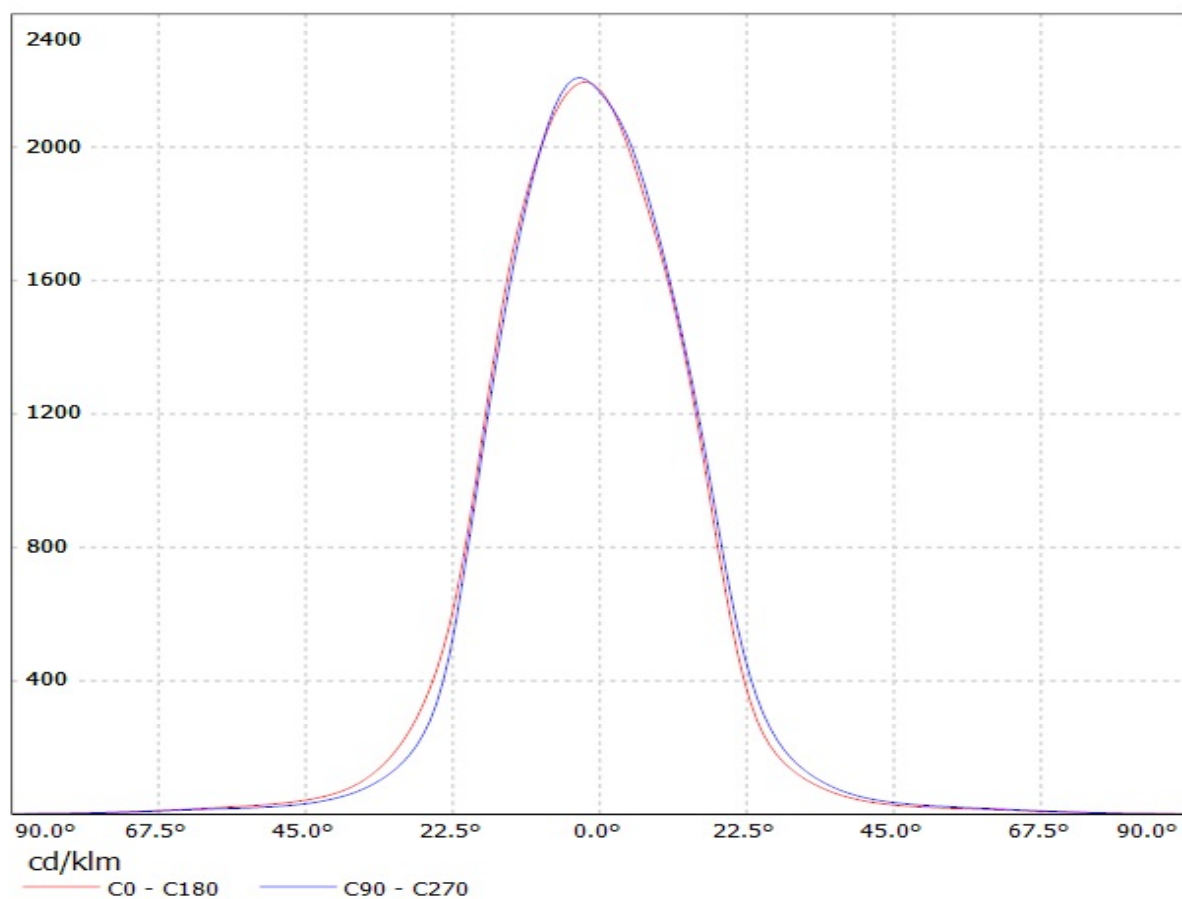
SCALE 4:1 WEIGHT (g)

SHEET 1 / 1

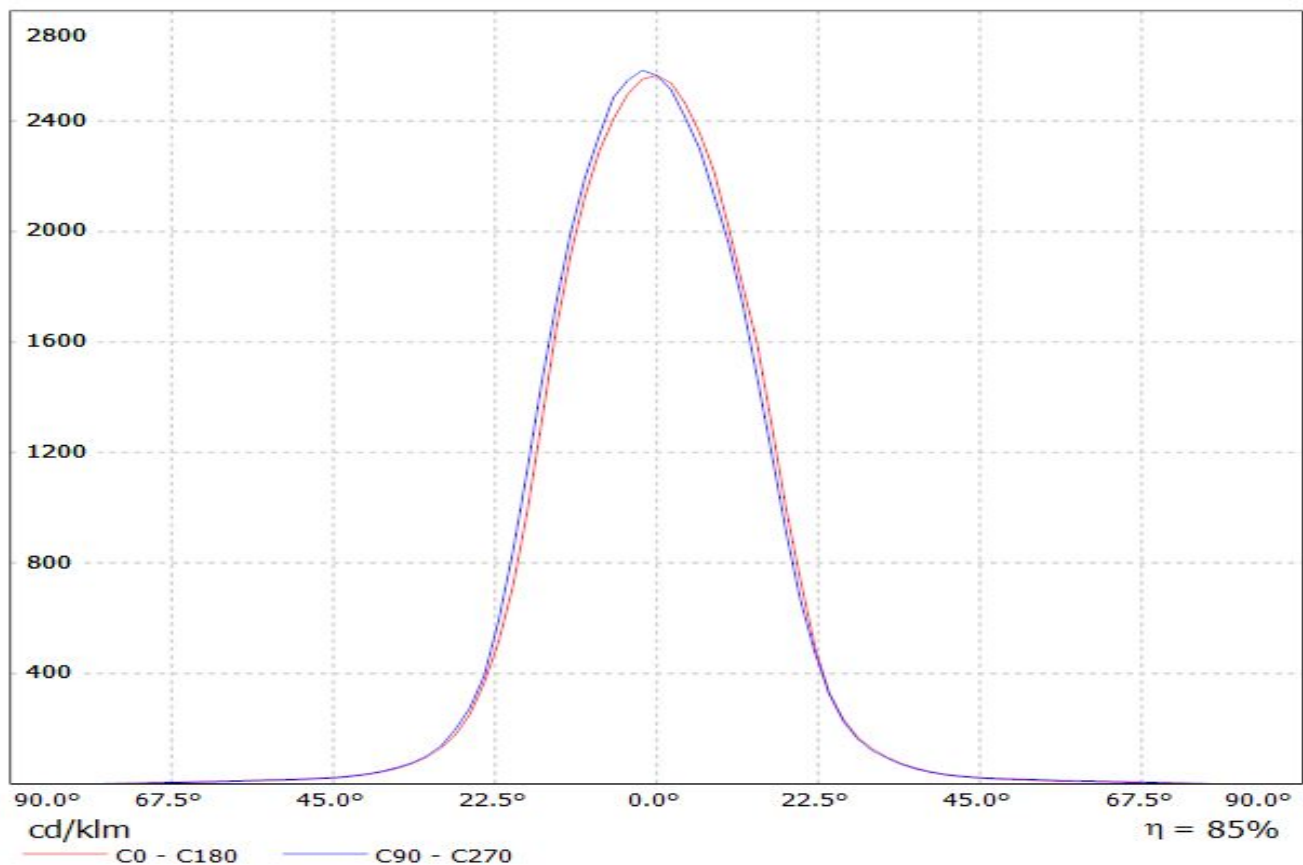
D

A

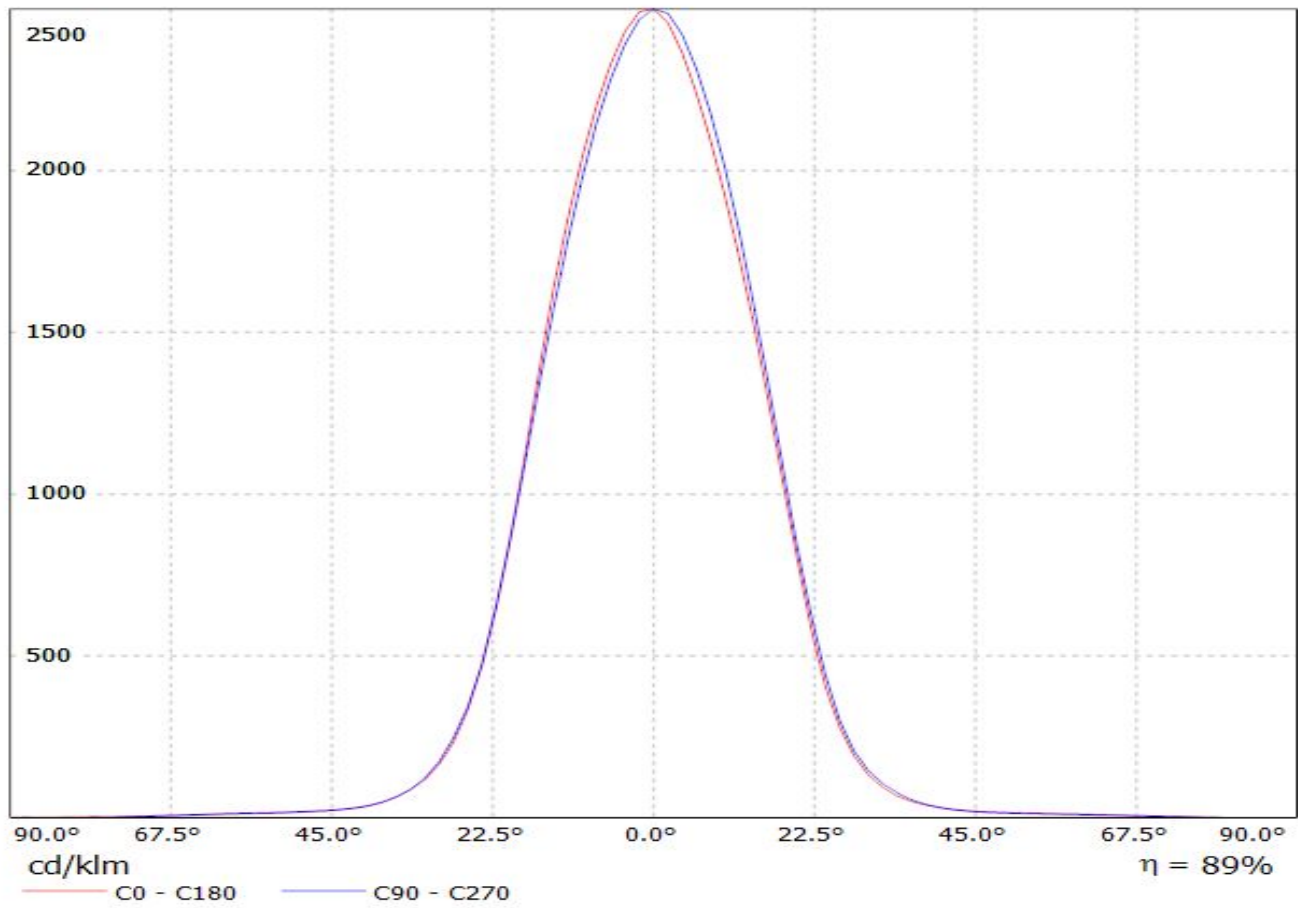
Luminaire: LEDIL OY FP13025_LISA2-W-PIN & FP13031_LISA2-W-CLIP-XTE (Cree XT-E 98lm @ 250mA) Efficiency=84%
Lamps: 1 x CREE XT-E (98.9lm)



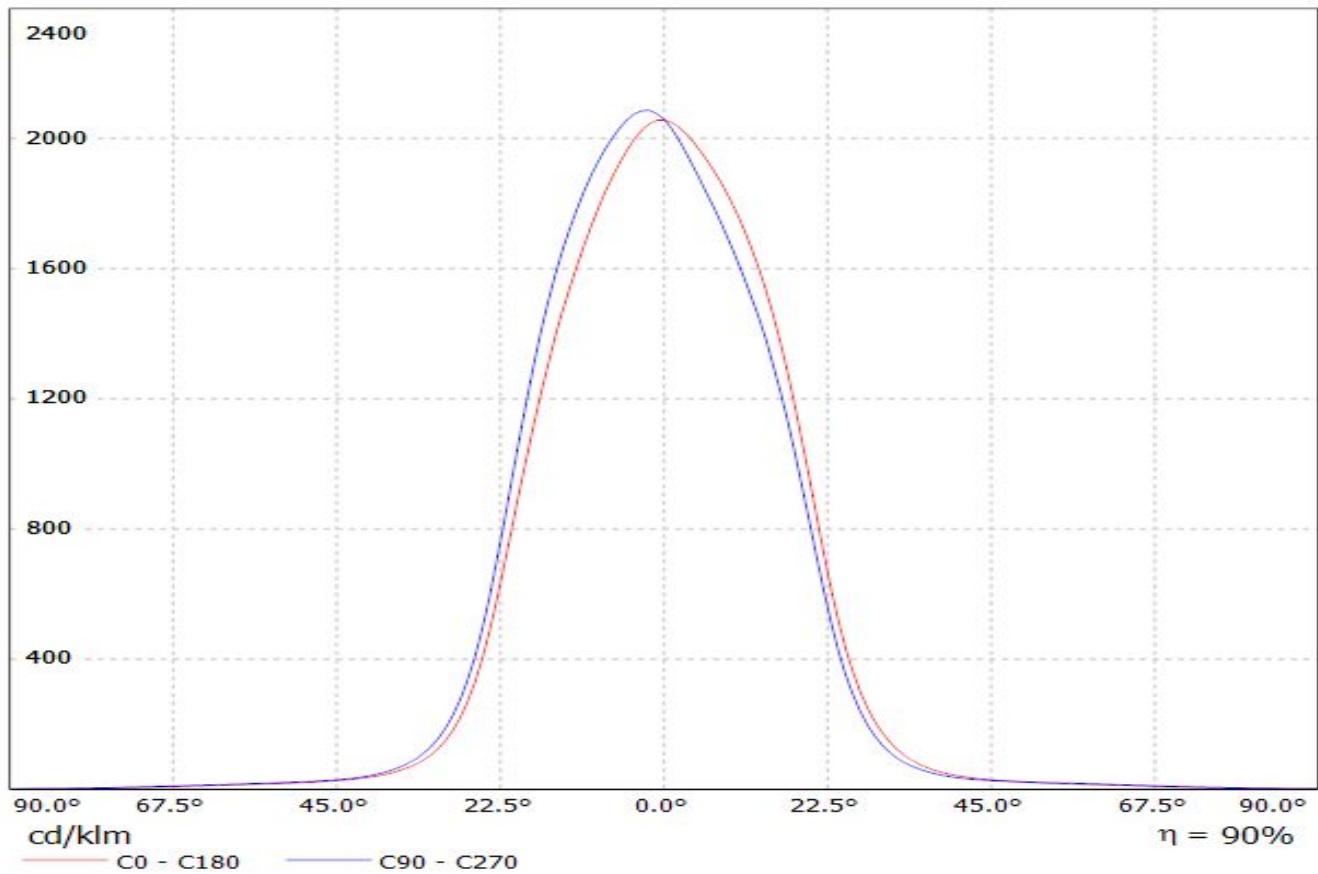
Luminaire: Ledil Oy FP13025&FP13031_LISA2-W Eff. 84%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



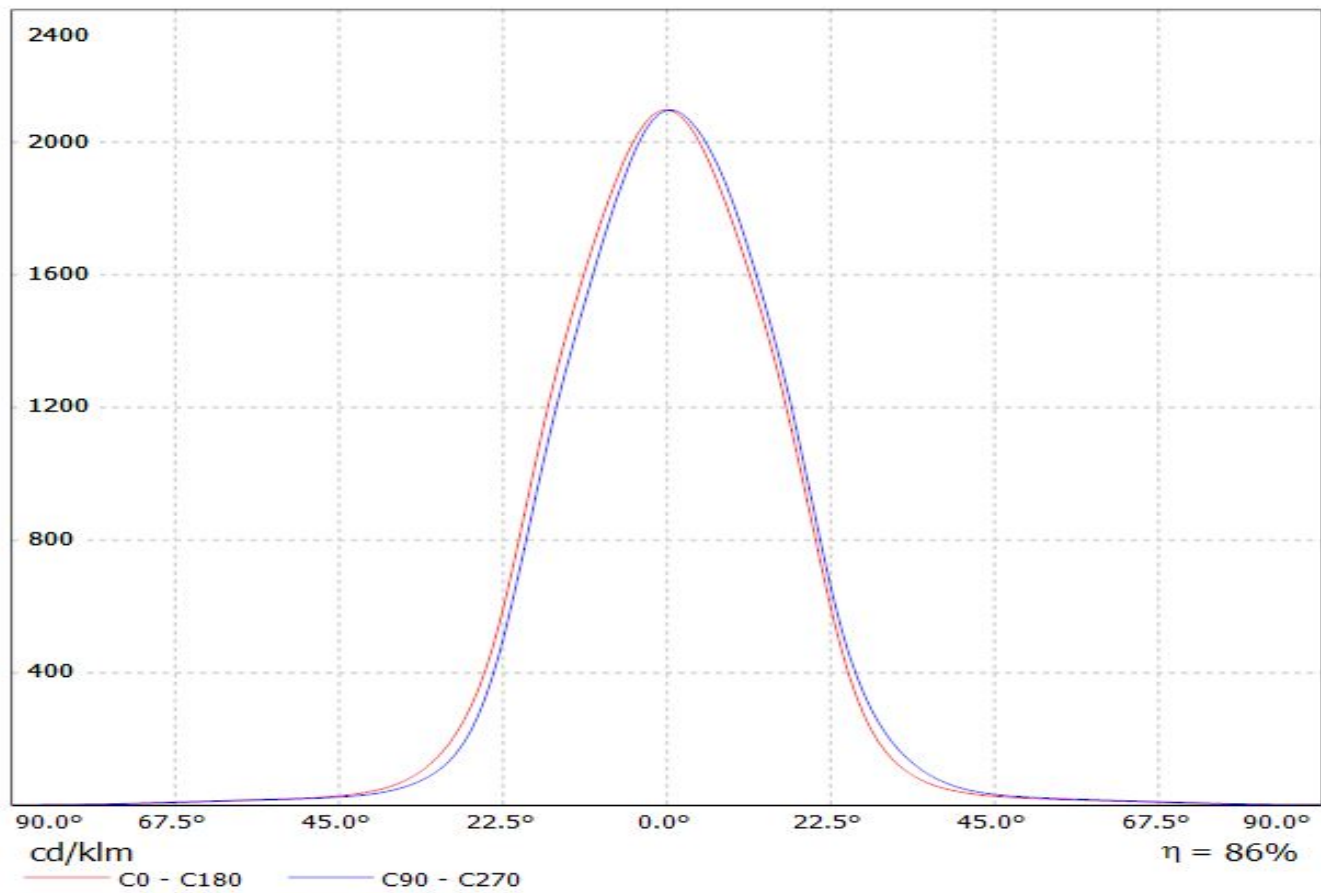
Luminaire: Ledil Oy FP13025_LISA2-W-PIN_(Luxeon_TX) Efficiency=88%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA



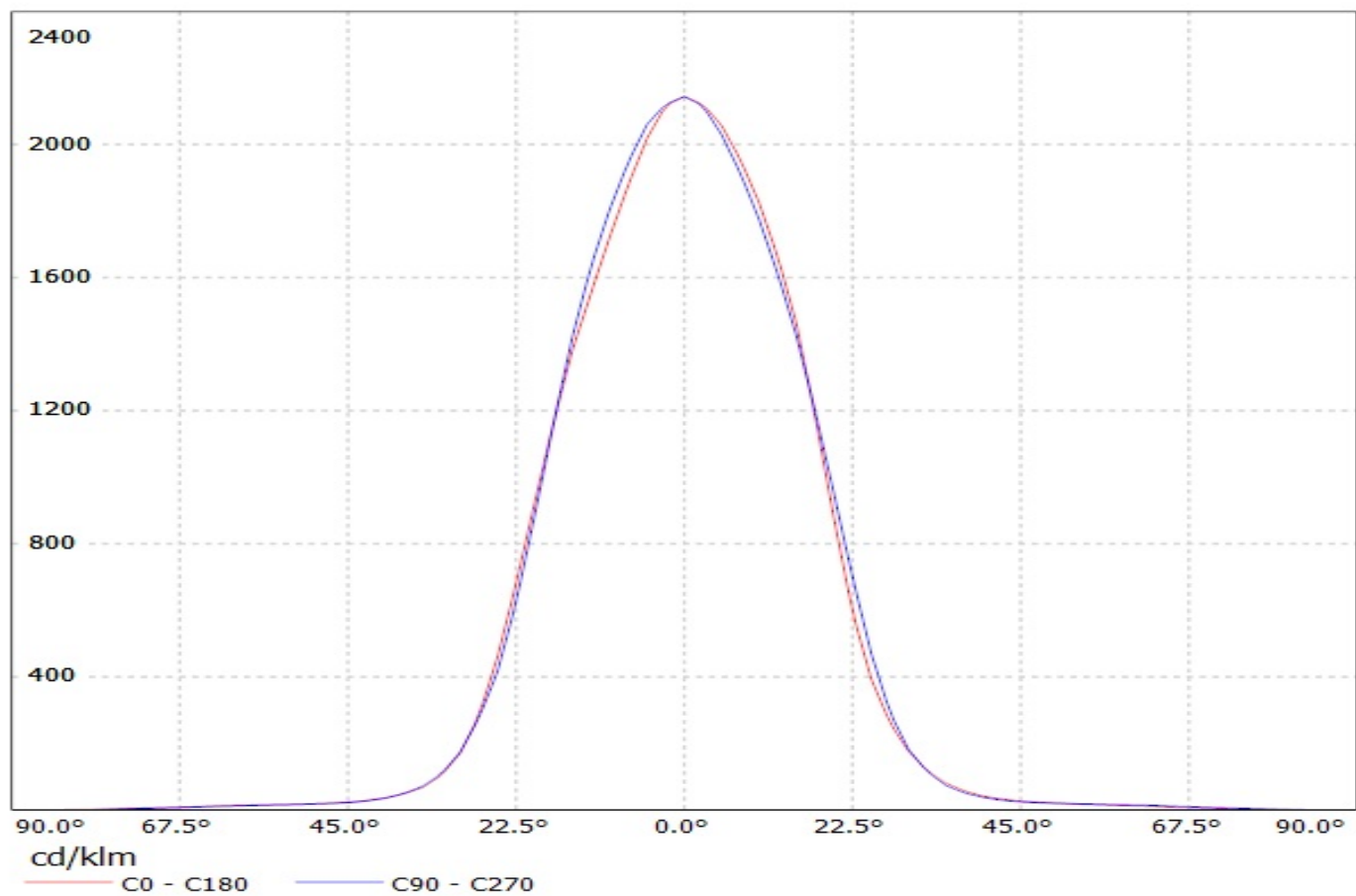
Luminaire: LEDiL Oy FP13025&FP13031_LISA2-W_(PIN&CLIP)_(XP-G2) Eff.88%
Lamps: 1 x Cree_(XP-G2) 104lm@250mA CCT=6600K P=0.76W I=250mA



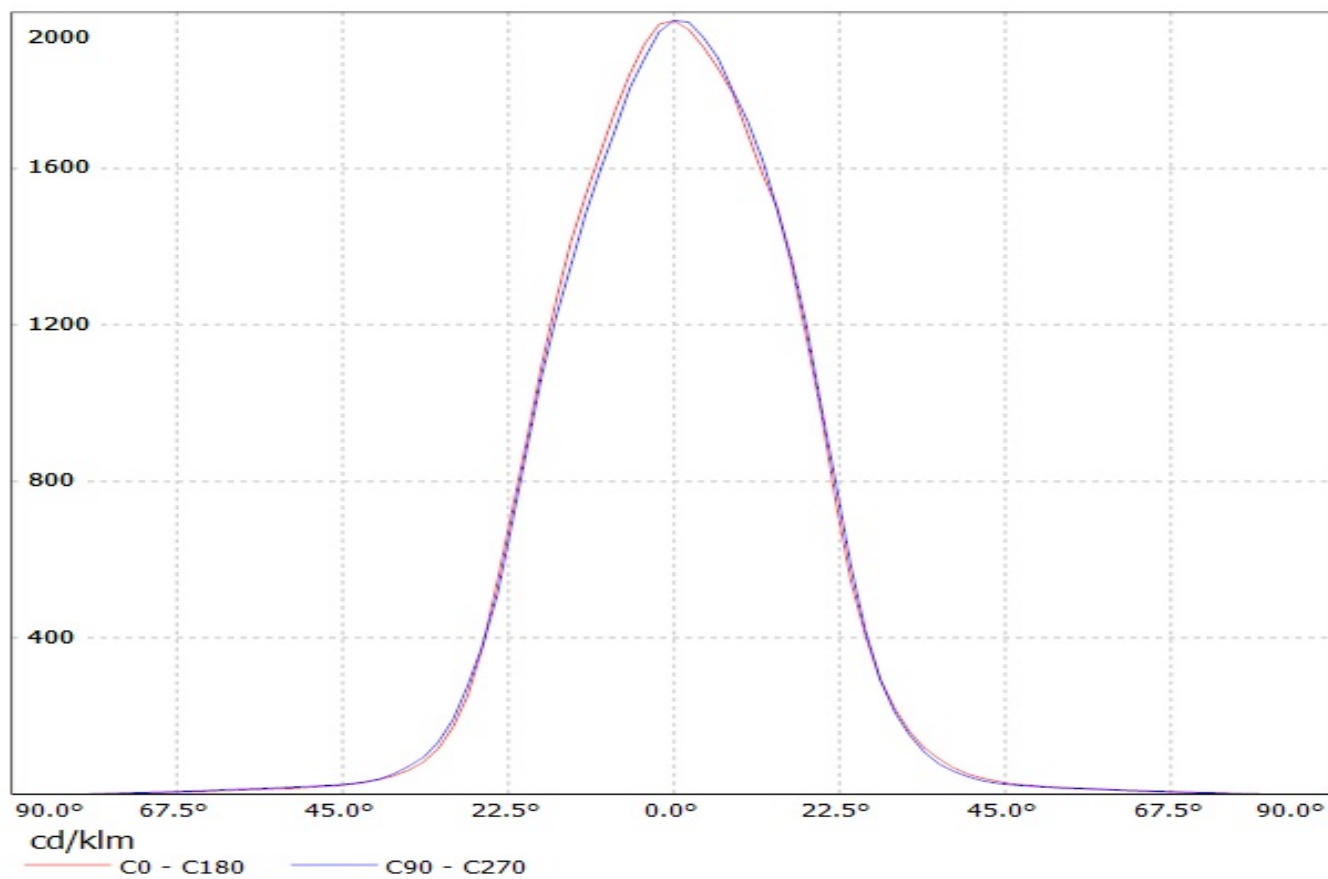
Luminaire: LEDiL Oy FP13031 & FP13025_LISA2-W_(CLIP/PIN) Eff.86.1%
Lamps: 1 x LUXEON_T (74lm@250mA)



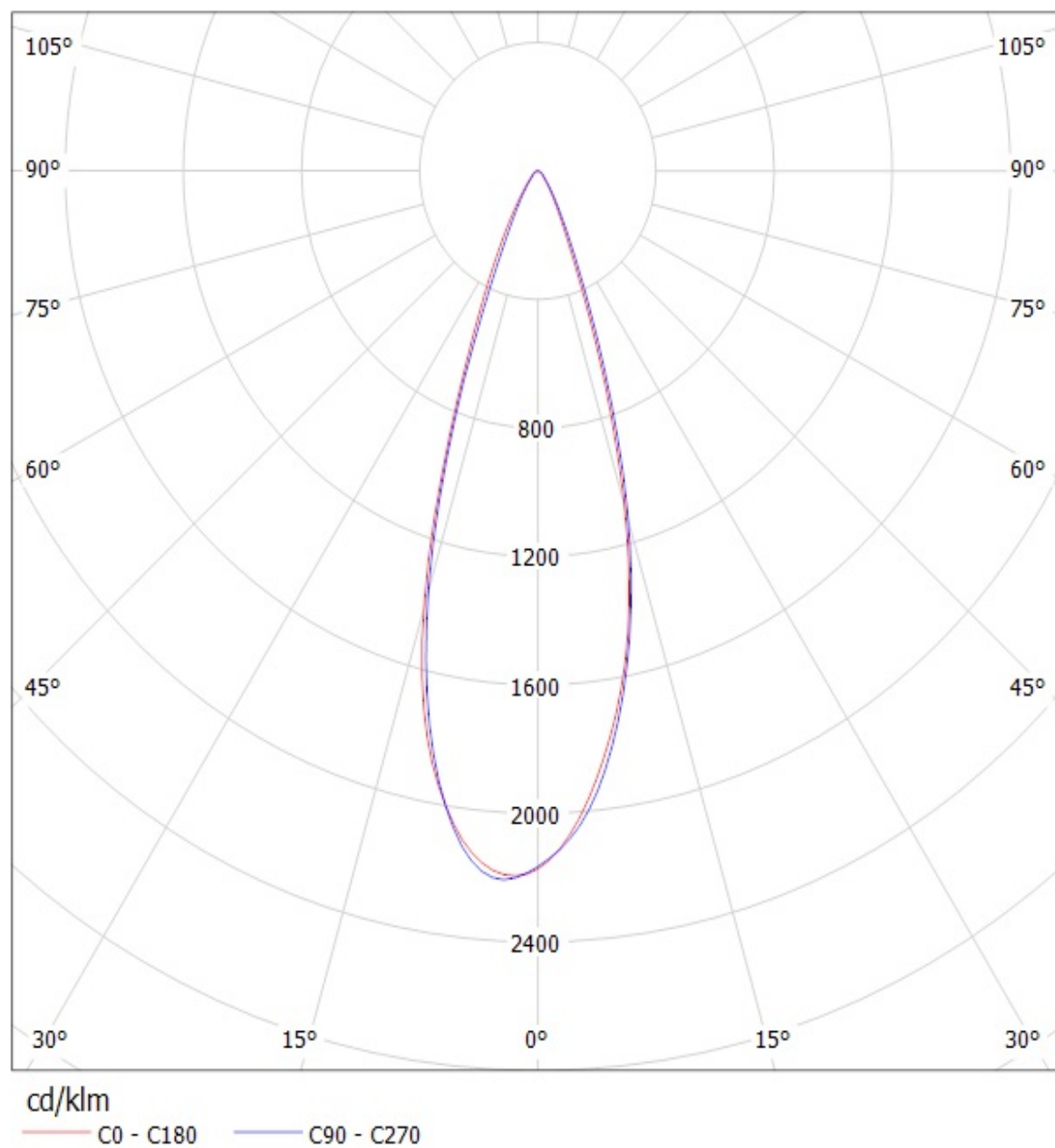
Luminaire: Ledil Oy FP13025_LISA2-W-PIN_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



Luminaire: Ledil Oy FP13025_LISA2-W-PIN_(3535_Ceramic_gen2) Efficiency=88%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA

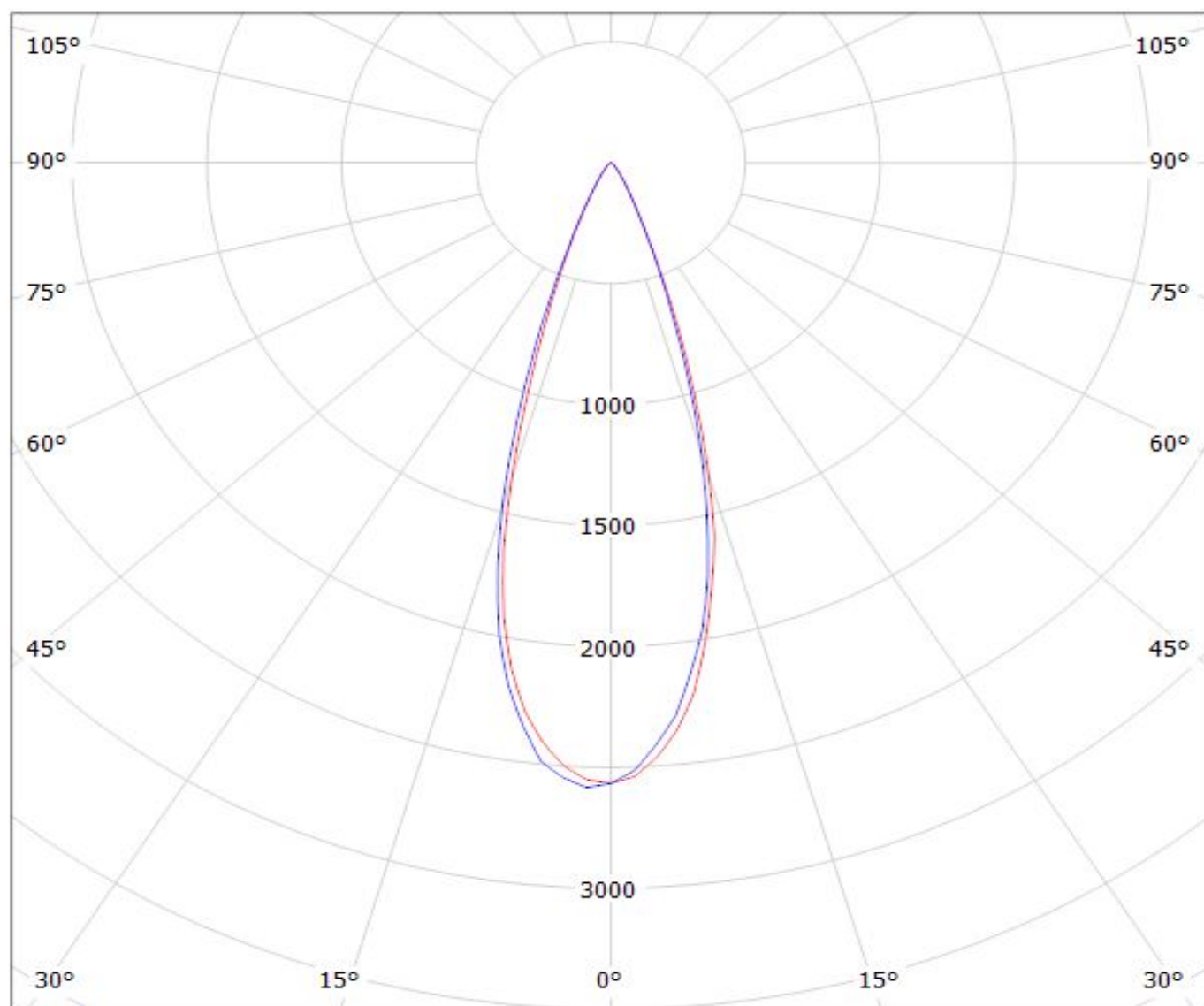


Luminaire: LEDIL OY FP13025_LISA2-W-PIN & FP13031_LISA2-W-CLIP-XTE (Cree XT-E 98lm @ 250mA) Efficiency=84%
Lamps: 1 x CREE XT-E (98.9lm)



Luminaire: Ledil Oy FP13025&FP13031_LISA2-W Eff. 84%

Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



cd/klm

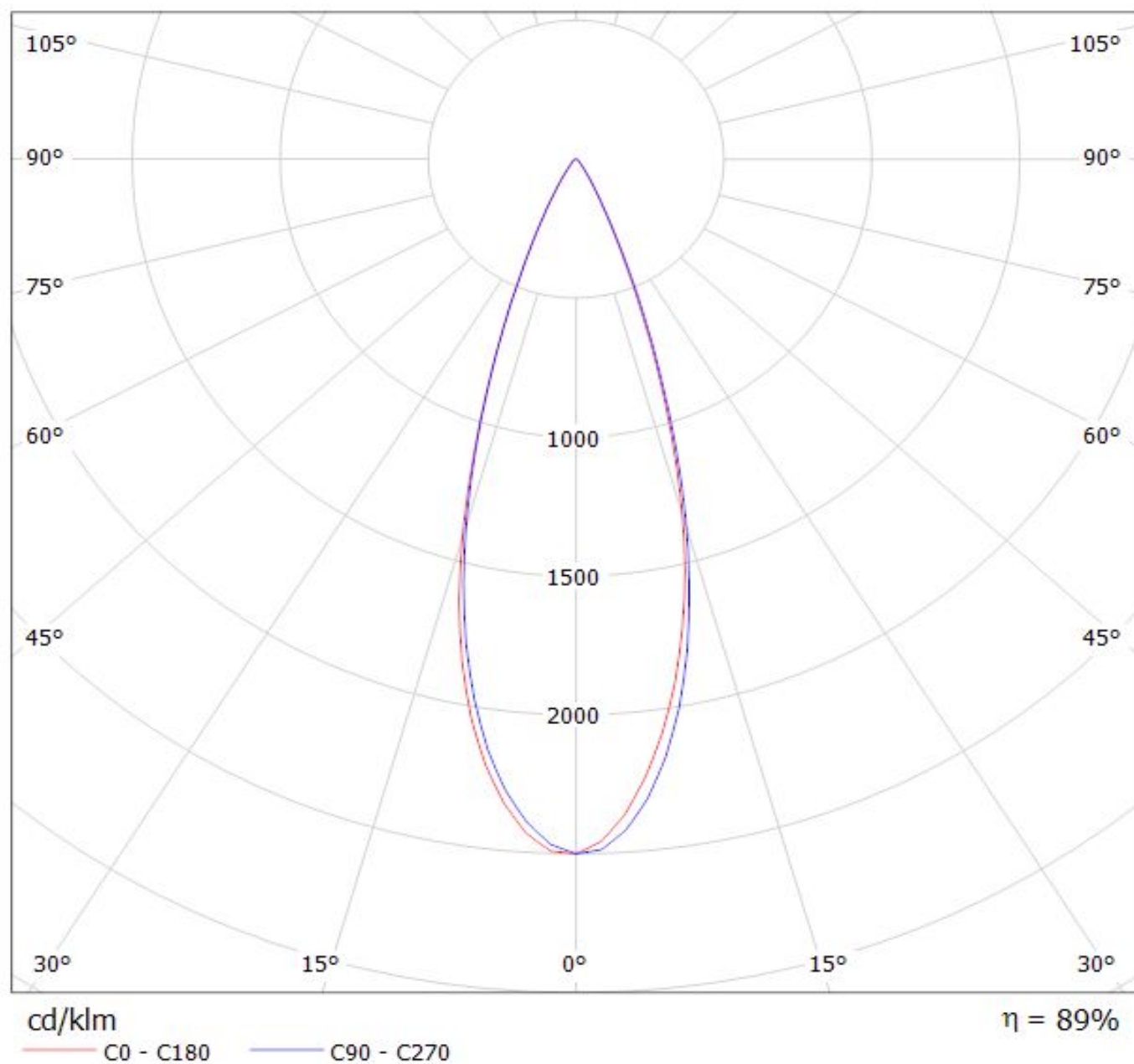
η = 85%

— C0 - C180

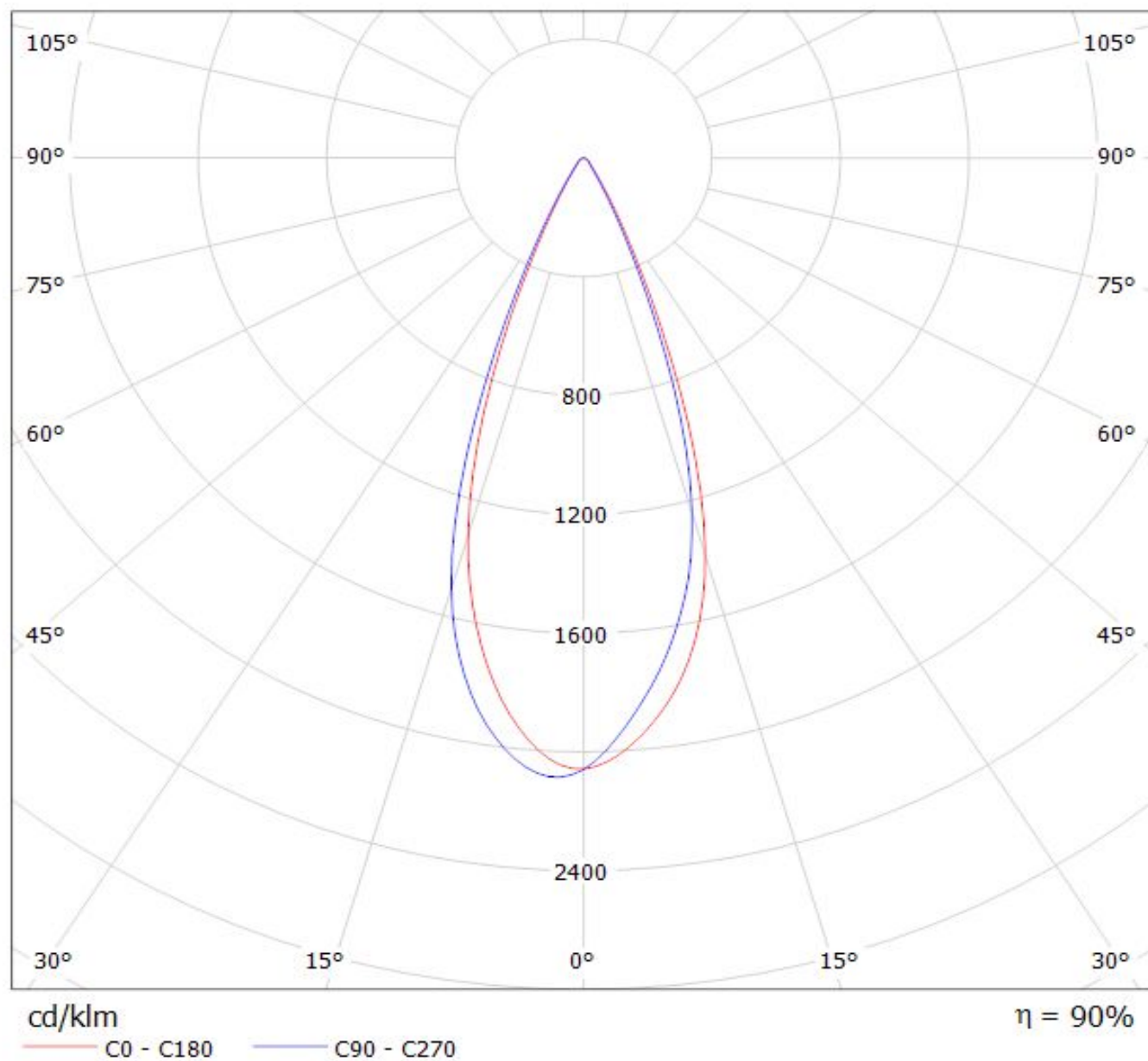
— C90 - C270

Luminaire: Ledil Oy FP13025_LISA2-W-PIN_(Luxeon_TX) Efficiency=88%

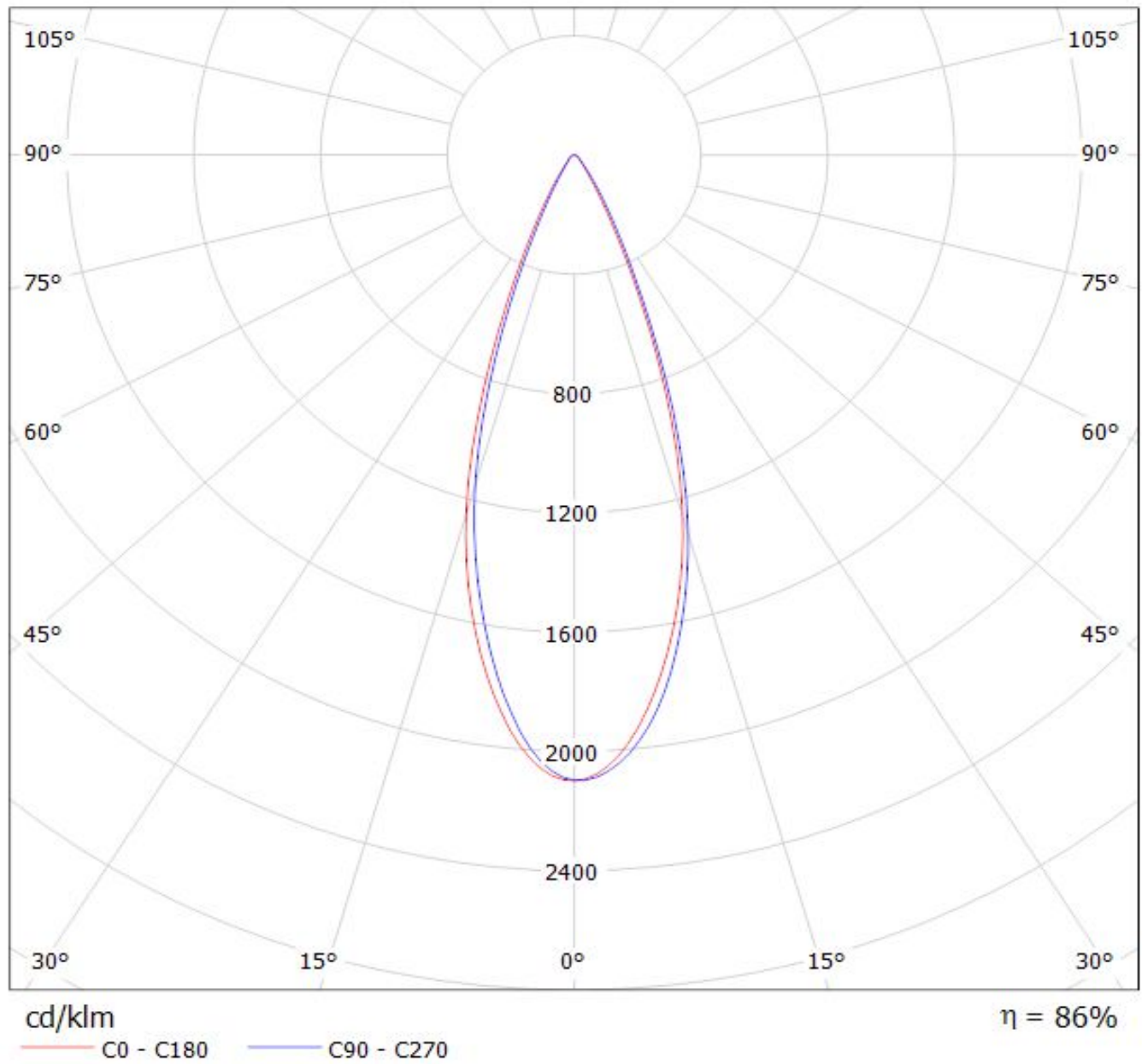
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA



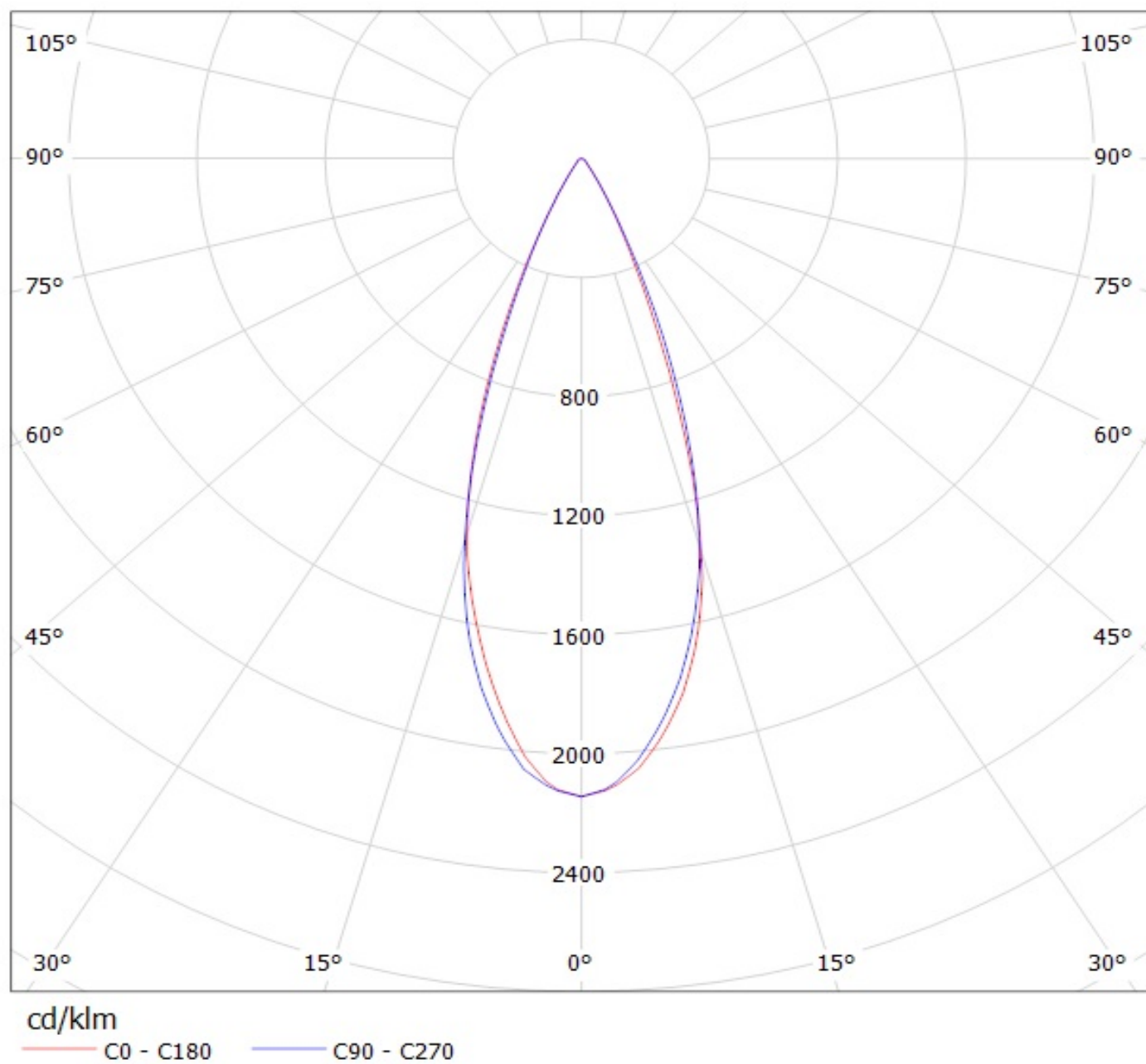
Luminaire: LEDiL Oy FP13025&FP13031_LISA2-W_(PIN&CLIP)_(XP-G2) Eff.88%
Lamps: 1 x Cree_(XP-G2) 104lm@250mA CCT=6600K P=0.76W I=250mA



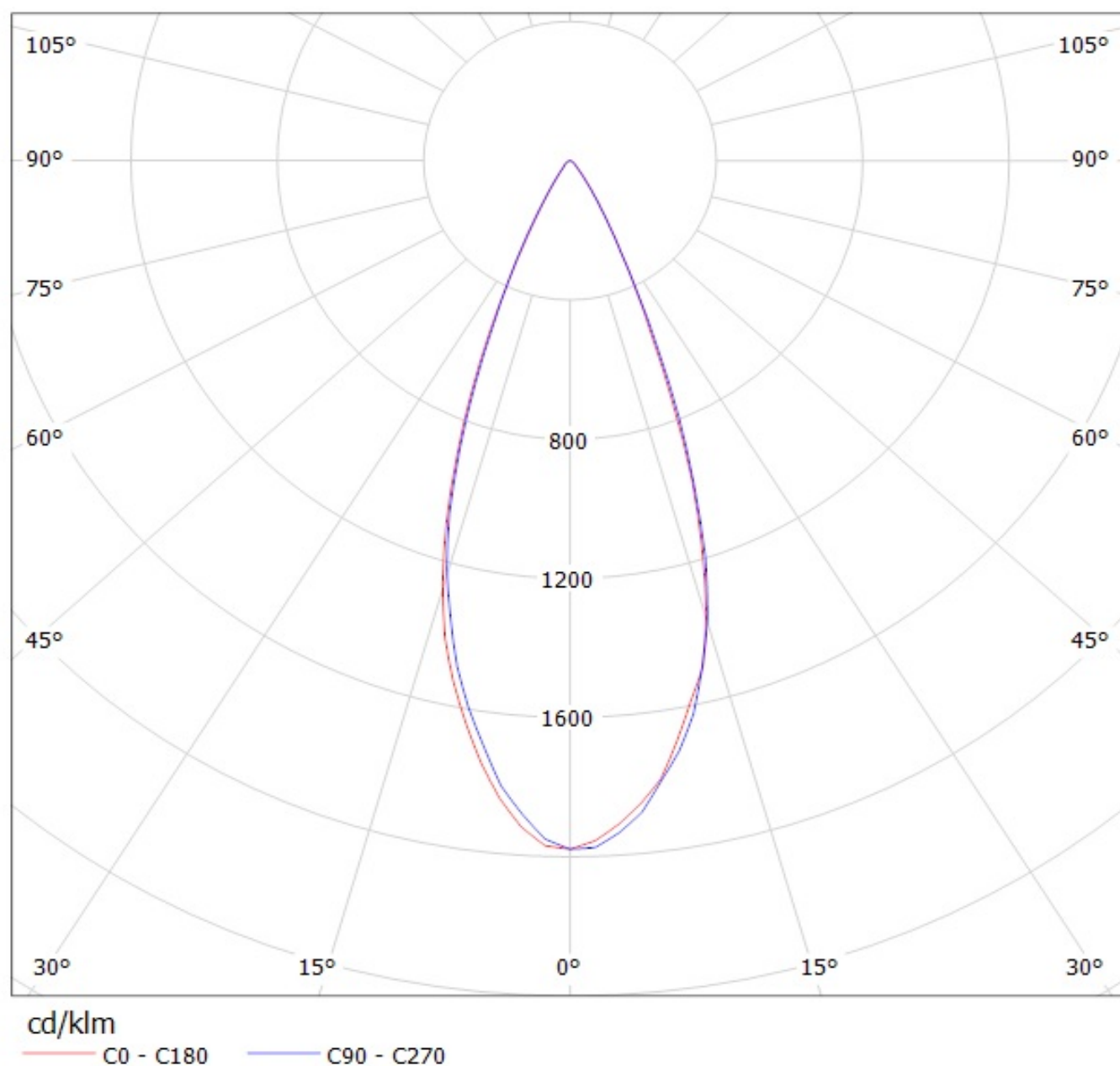
Luminaire: LEDiL Oy FP13031 & FP13025_LISA2-W_(CLIP/PIN) Eff.86.1%
Lamps: 1 x LUXEON_T (74lm@250mA)



Luminaire: Ledil Oy FP13025_LISA2-W-PIN_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



Luminaire: Ledil Oy FP13025_LISA2-W-PIN_(3535_Ceramic_gen2) Efficiency=88%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W 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.