

PRODUCT DATASHEET

Lisa2 series

last update 19/9/2014

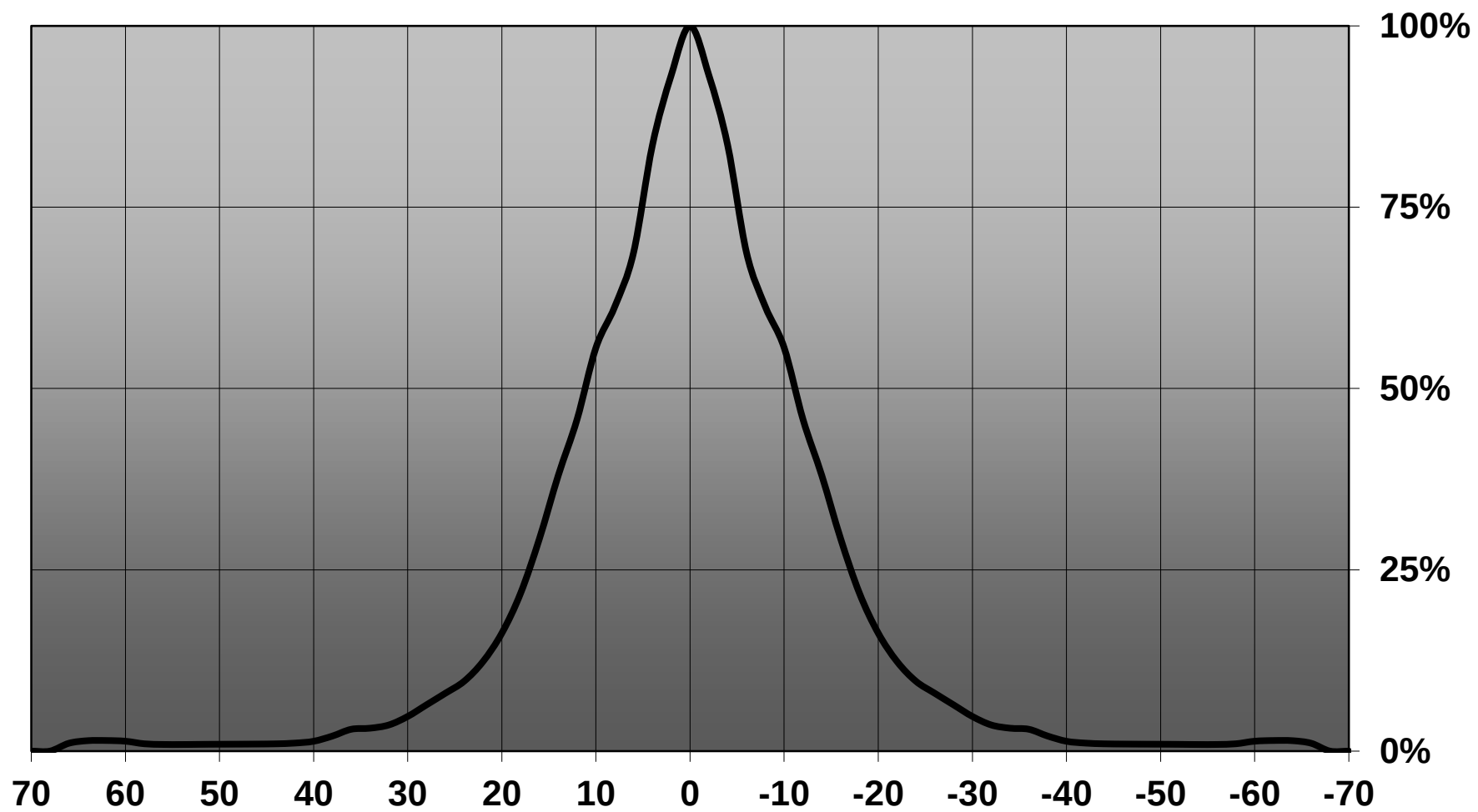
DETAILS

Product Number	FP13028_LISA2-M-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 Comliant	Yes
Date Updated	18/06/2014

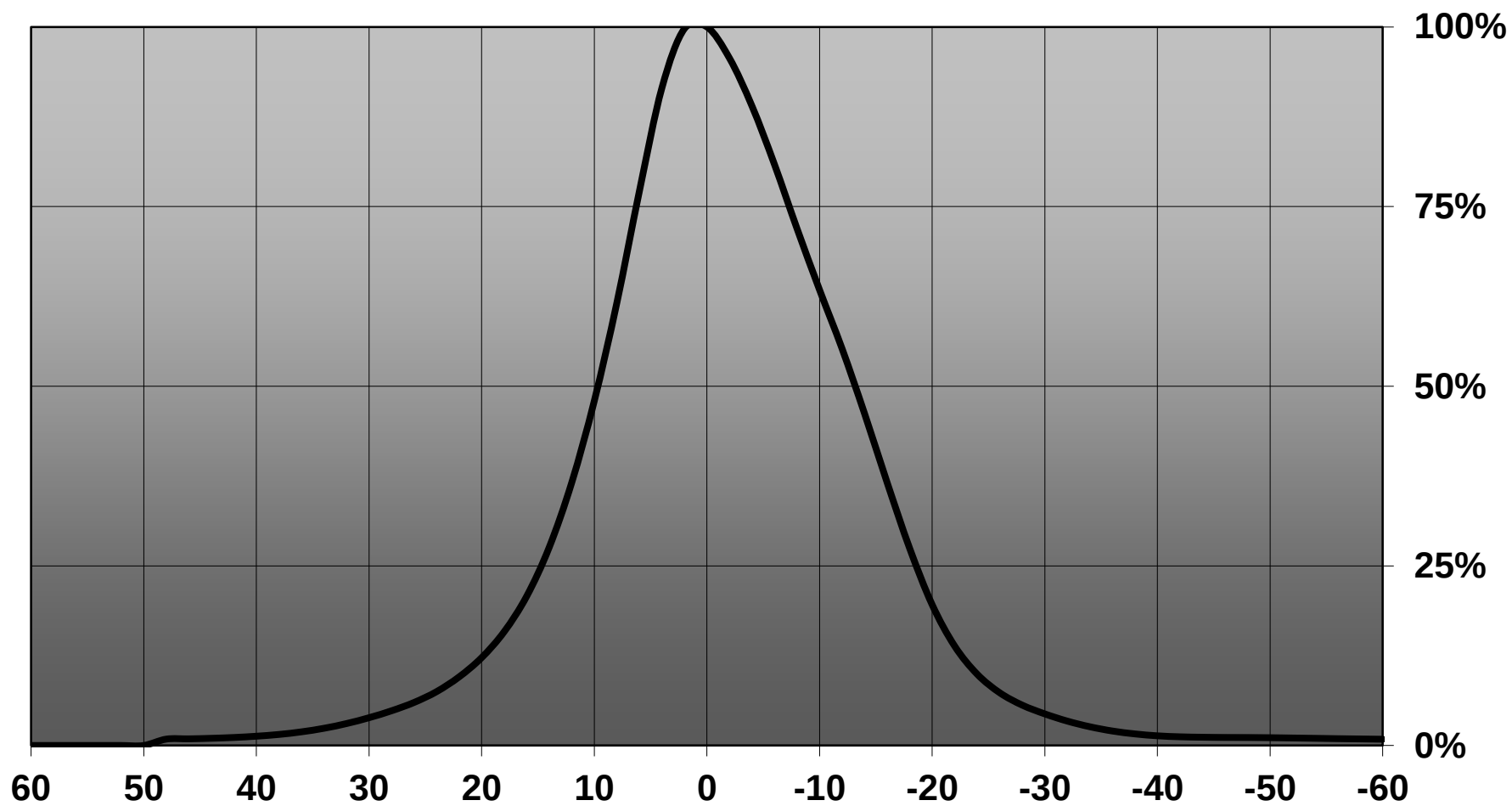
OPTICAL PROPERTIES

	Viewing	Light	Effi-		
LED	Angle	Beam	ciency	cd/lm	Connector
SFH 4715S (IR)	22 deg	Medium	-	sim: 0.000	-
SFH4725s (IR)	23 deg	Medium	-	sim: 0.000	-
NCSxx19B	23 deg	Medium	85 %	4.100	-
XP-G2	25 deg	Medium	89 %	3.500	-
LUXEON TX	26 deg	Medium	88 %	3.380	-
LH351Z	26 deg	Medium	87 %	3.500	-
XT-E	26 deg	Medium	89 %	3.260	-
H35C1 (LEMWA33)	28 deg	Medium	88 %	3.100	-
LUXEON T	28 deg	Medium	87 %	2.700	-
LH351B	31 deg	Medium	87 %	2.600	-

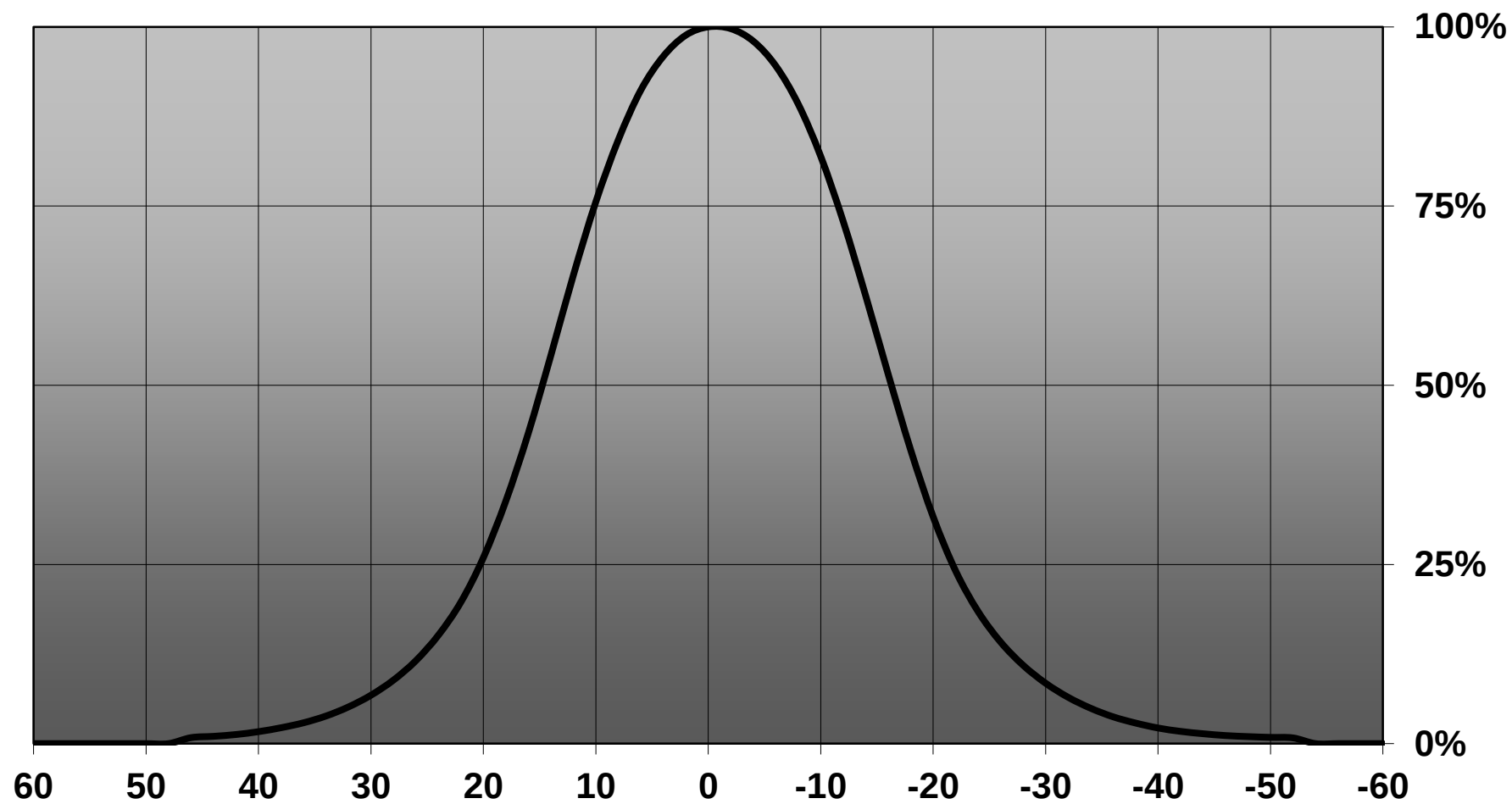
Relative intensity of FP13030&FP13028_LISA2-M_SFH-IR



Relative intensity of FP13028_LISA2-M-PIN_(SFH4725S)



Relative intensity of FP13028_LISA2-M_(PINLH351B)



D

C

B

A

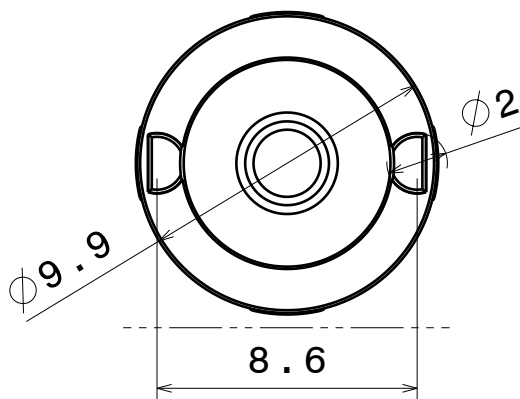
lens

holder

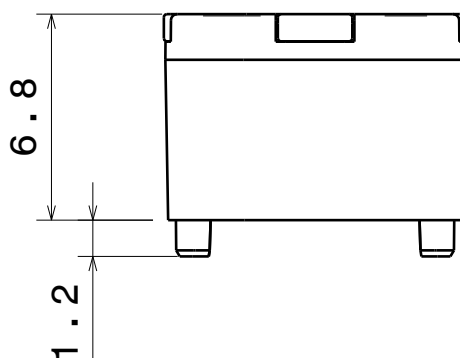


Isometric view
Scale: 2:1

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

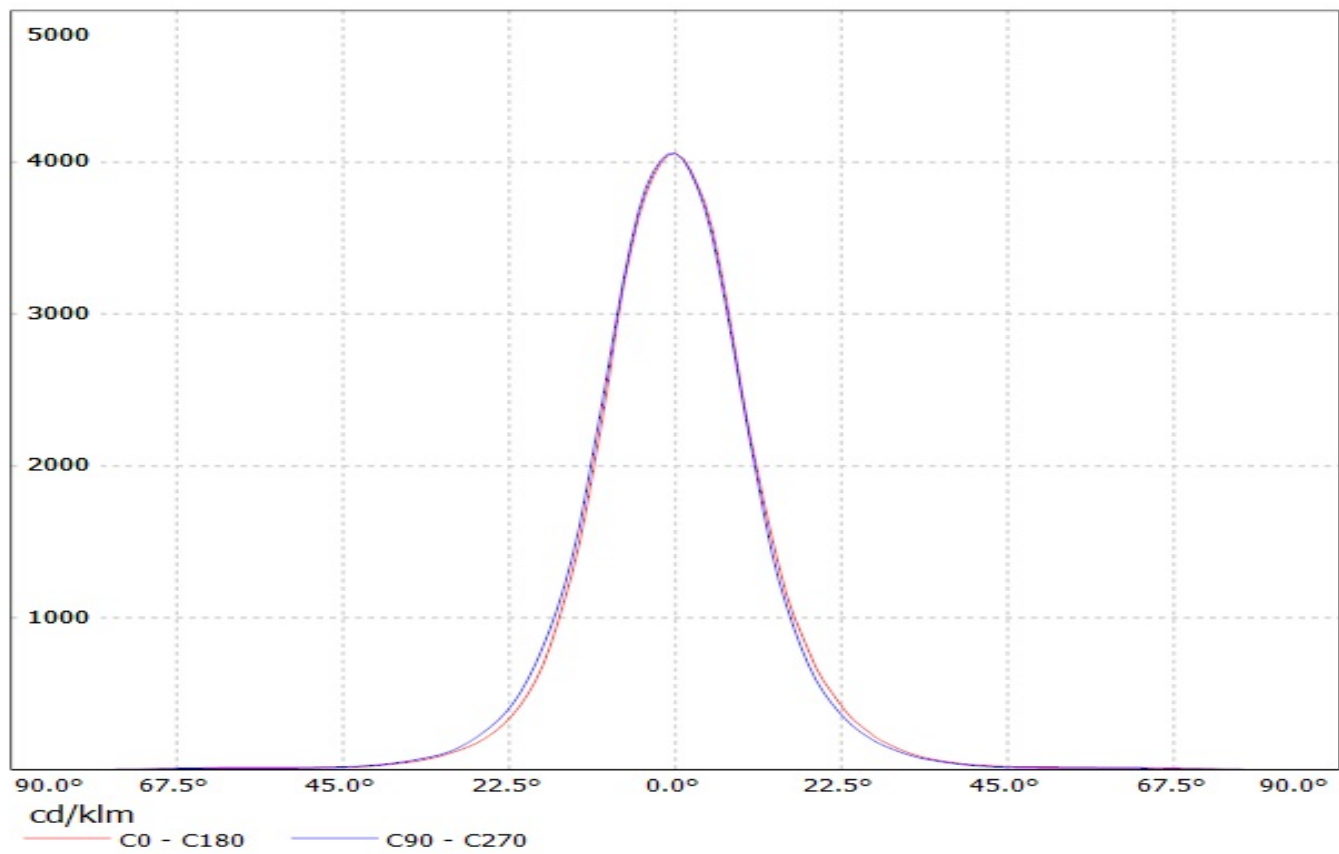
SCALE 4:1 WEIGHT (g)

SHEET 1 / 1

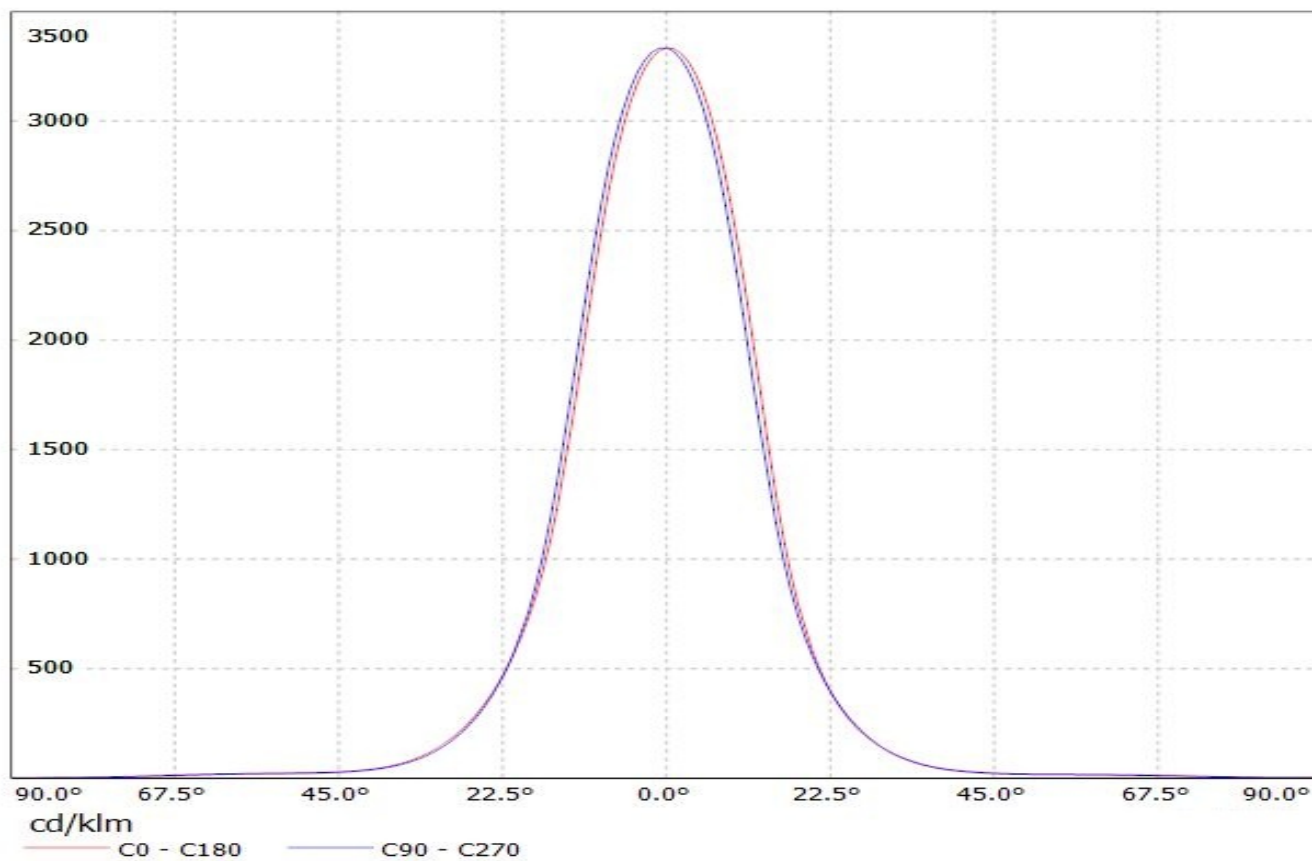
D

A

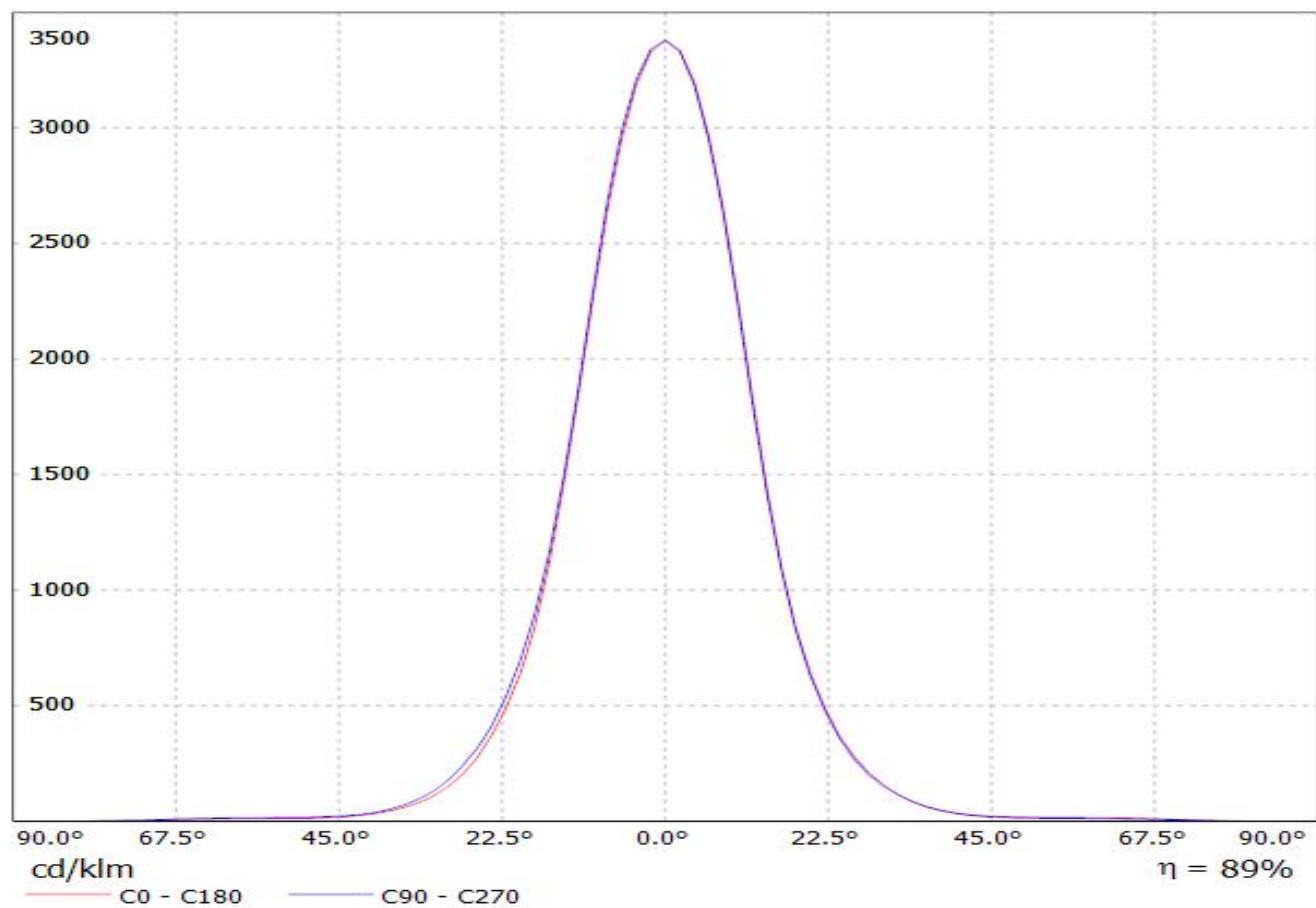
Luminaire: Ledil Oy FP13028_LISA2-M-PIN_(NCSxx19B) Efficiency=85%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



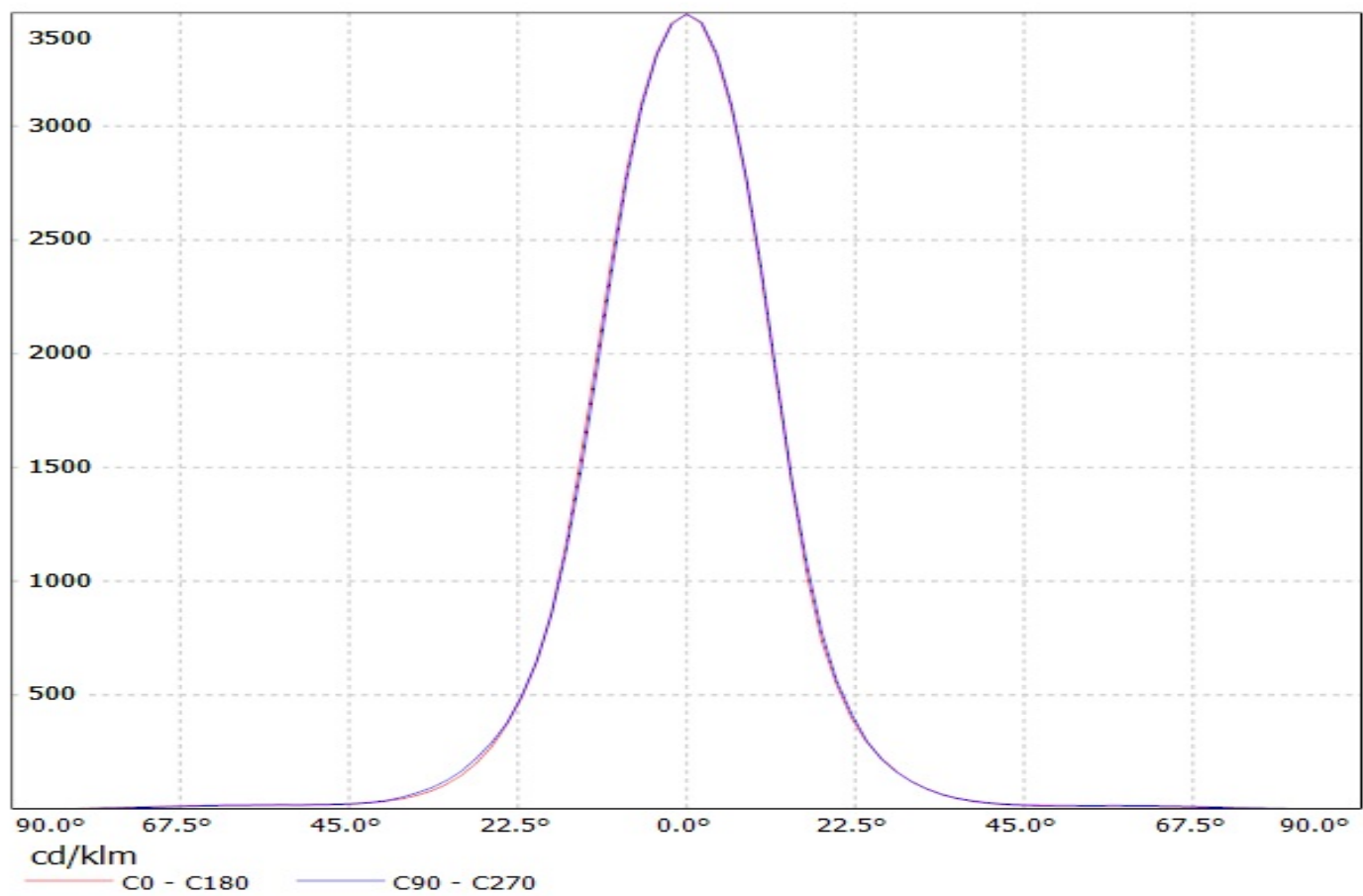
Luminaire: LEDiL Oy FP13028&FP13030_LISA2-M_(XP-G2) Eff. 89%
Lamps: 1 x Cree_(XP-G2) 104lm@250mA CCT=6600K P=0.76W I=250mA



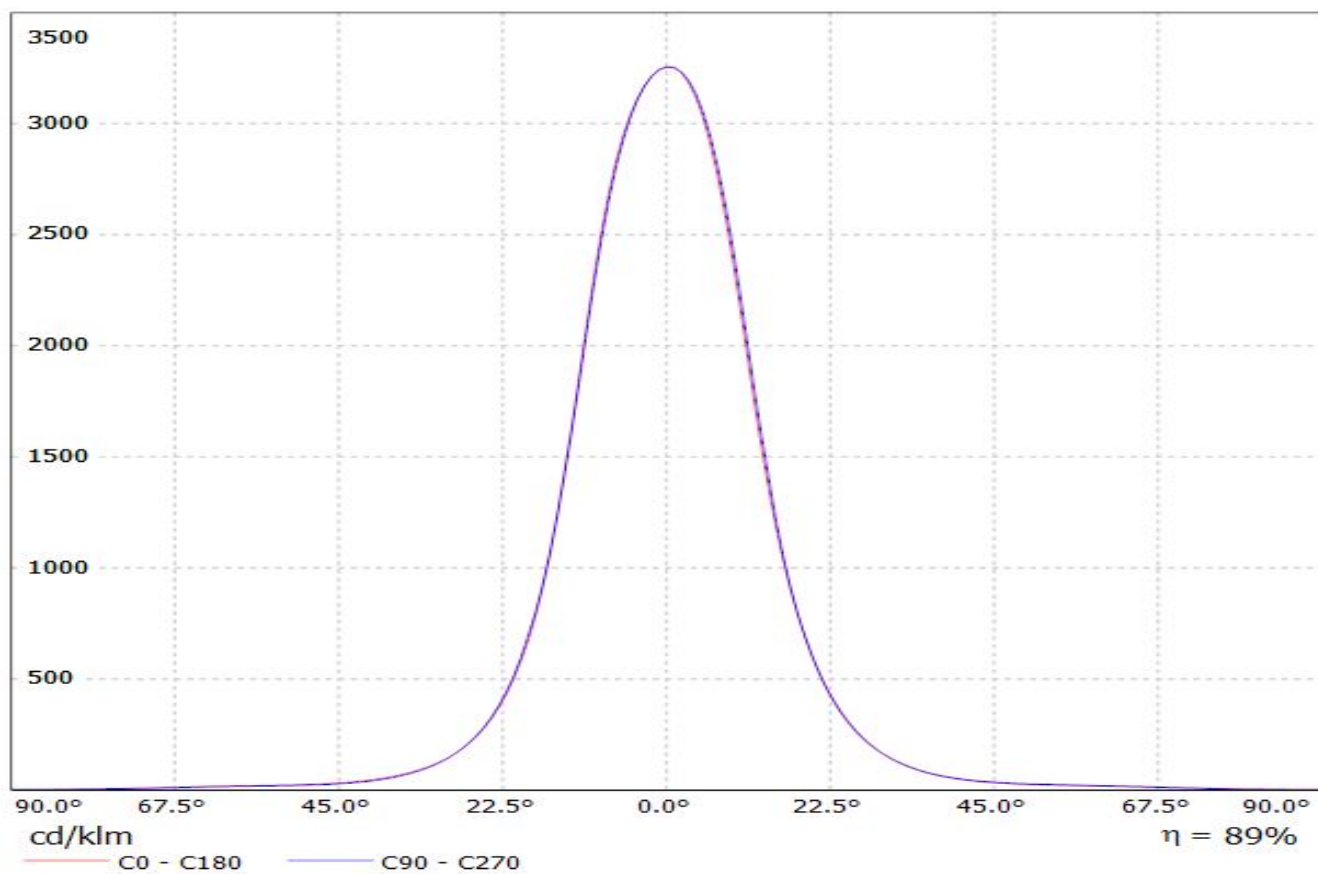
Luminaire: Ledil Oy FP13028_LISA2-M-PIN_(Luxeon_TX) Efficiency=88%
Lamps: 1 x Luxeon TX (L1T2-3585) 108lm @ 250mA CCT=3521K P=0.73W I=250mA



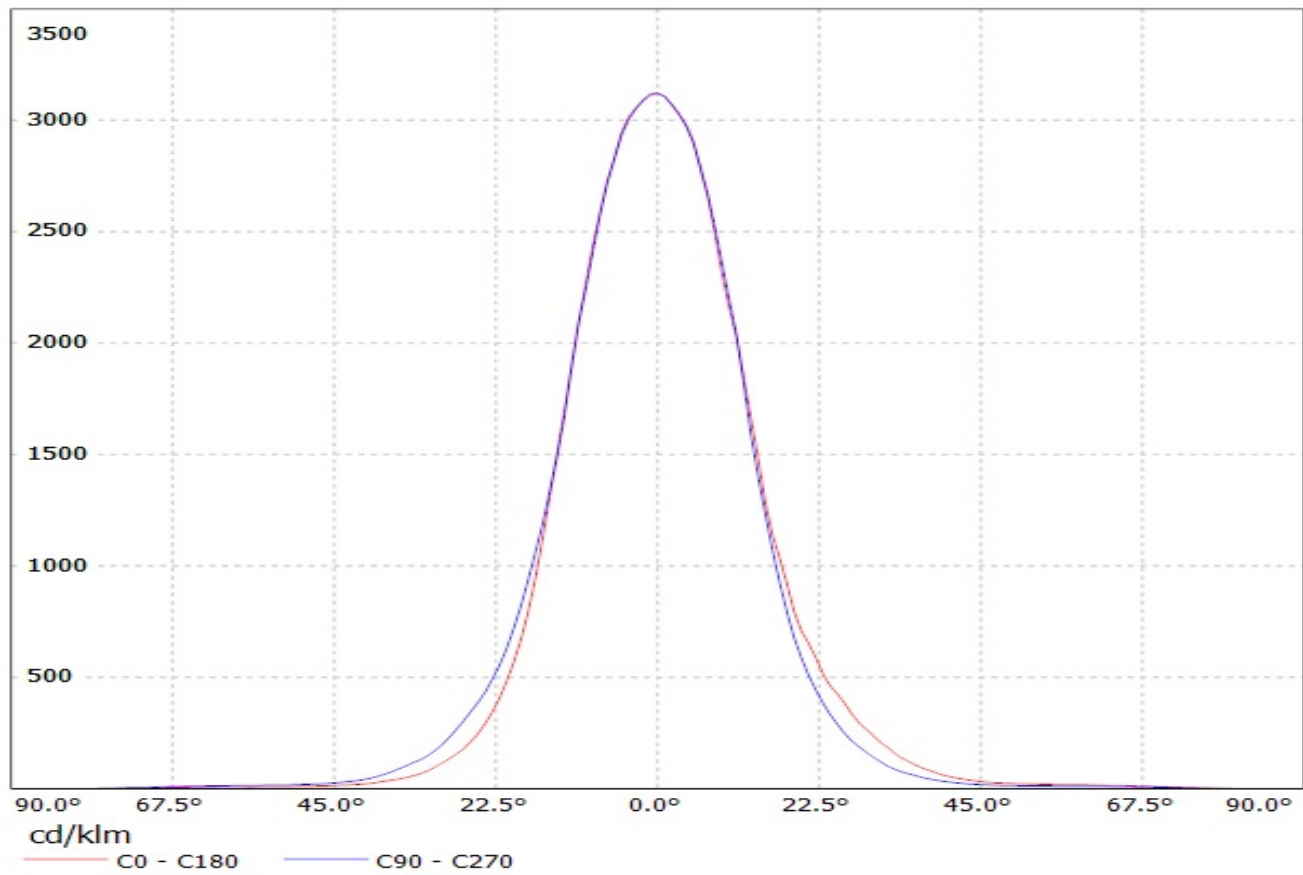
Luminaire: Ledil Oy FP13028_LISA2-M-PIN_(LH351Z) Efficiency=87%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



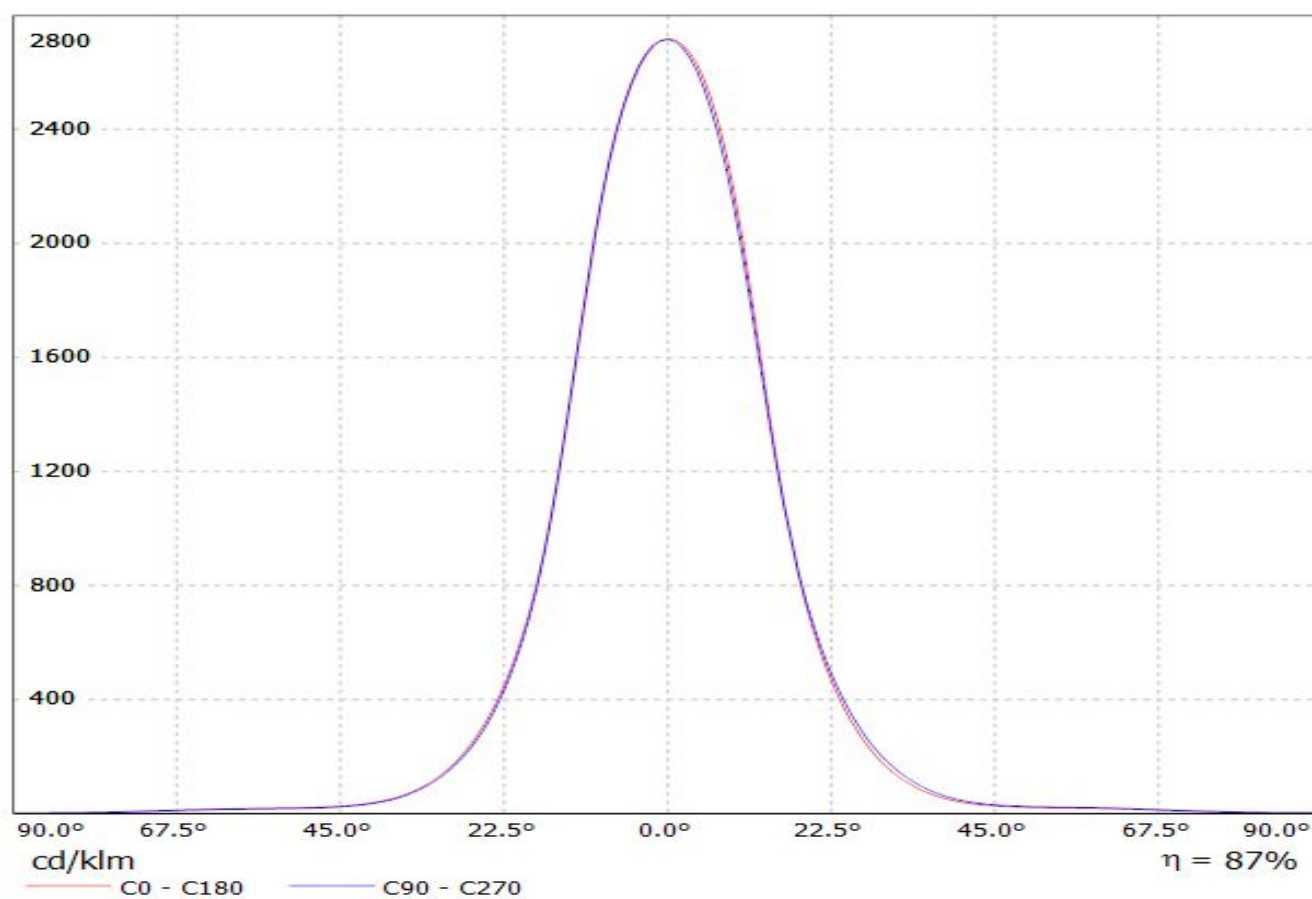
Luminaire: LEDiL Oy FP13030&FP13028_LISA2-M_PIN&CLIP Ef. 89%
Lamps: 1 x Cree XT-E 104lm@250mA CCT=5000K P=0.77W I=250mA



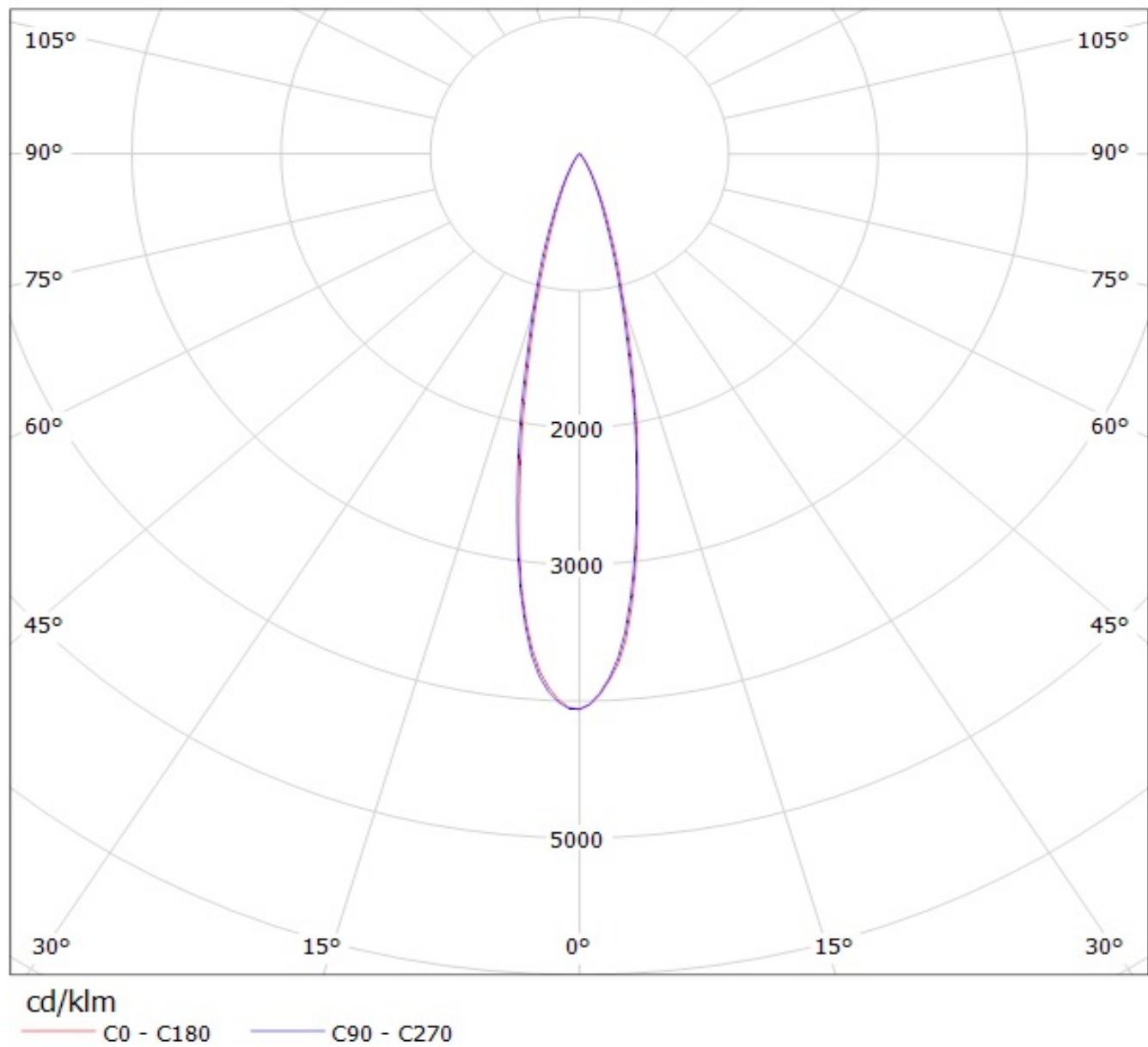
Luminaire: Ledil Oy FP13028_LISA2-M-PIN_(3535_Ceramic_gen2) Efficiency=88%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



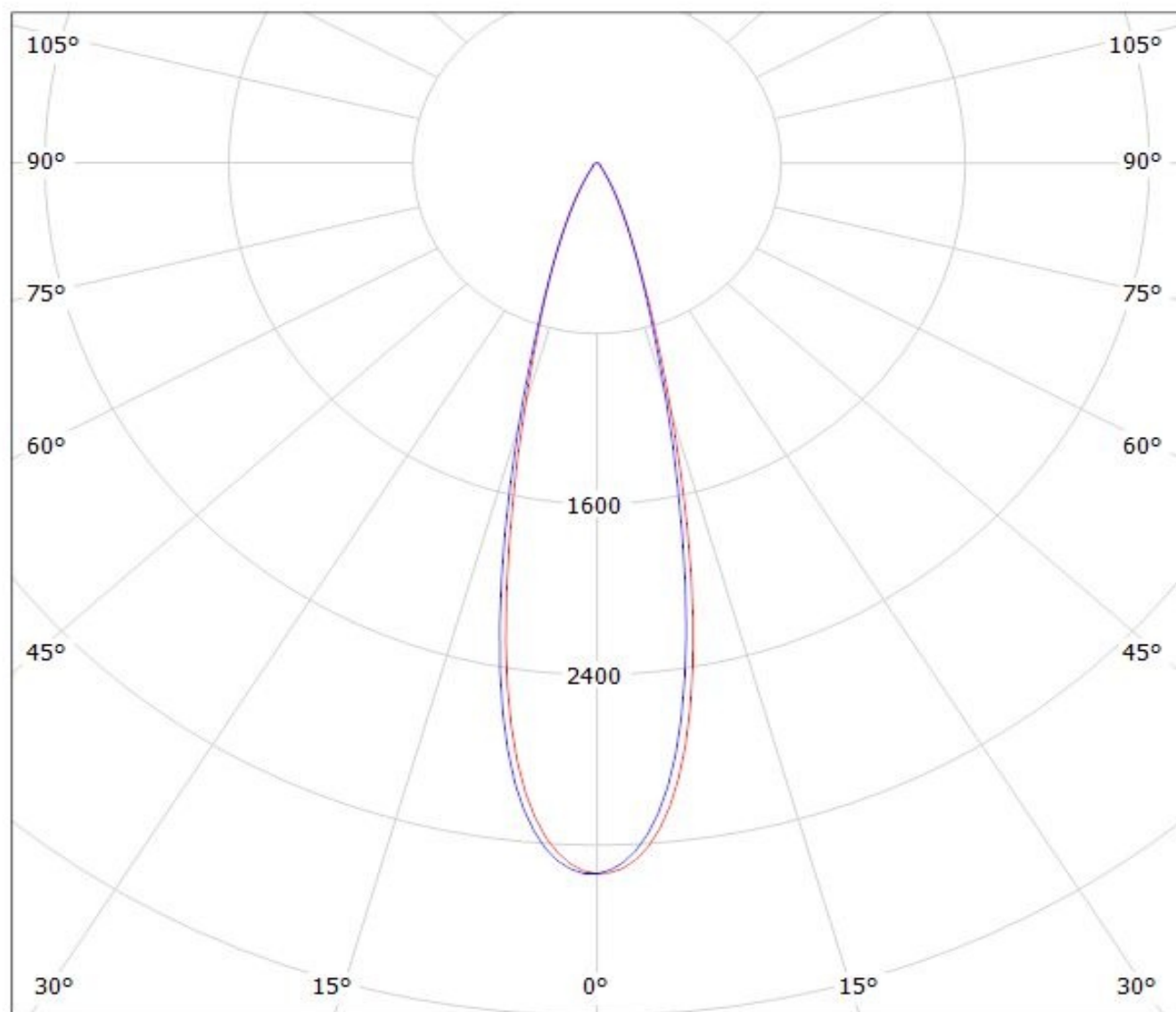
Luminaire: LEDiL Oy FP13030&FP13028_LISA2-M_(CLIP&PIN) Eff.86.6%
Lamps: 1 x LUXEON_T (74lm@250mA)



Luminaire: Ledil Oy FP13028_LISA2-M-PIN_(NCSxx19B) Efficiency=85%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



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Lamps: 1 x Cree_(XP-G2) 104lm@250mA CCT=6600K P=0.76W I=250mA

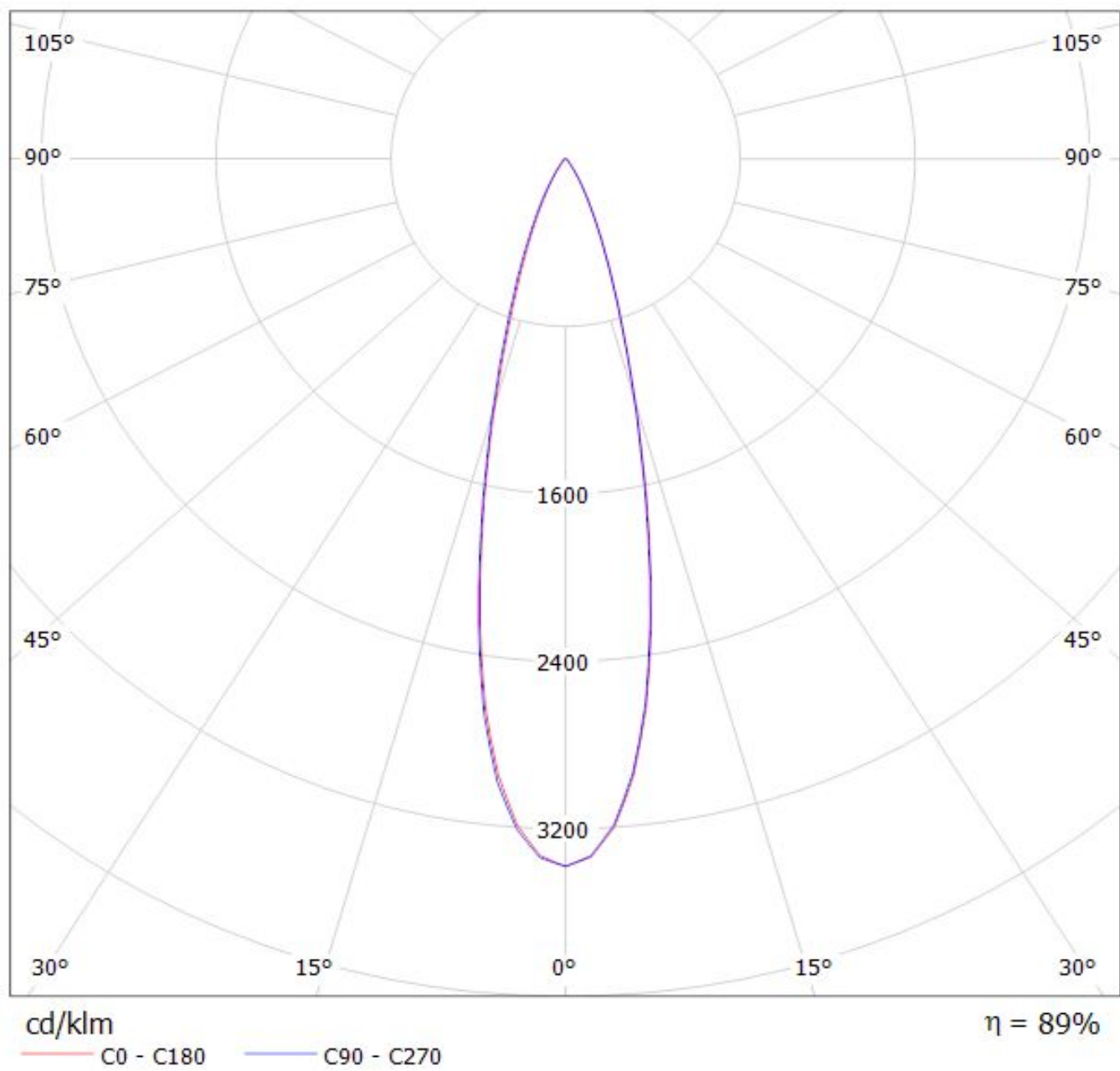


cd/klm

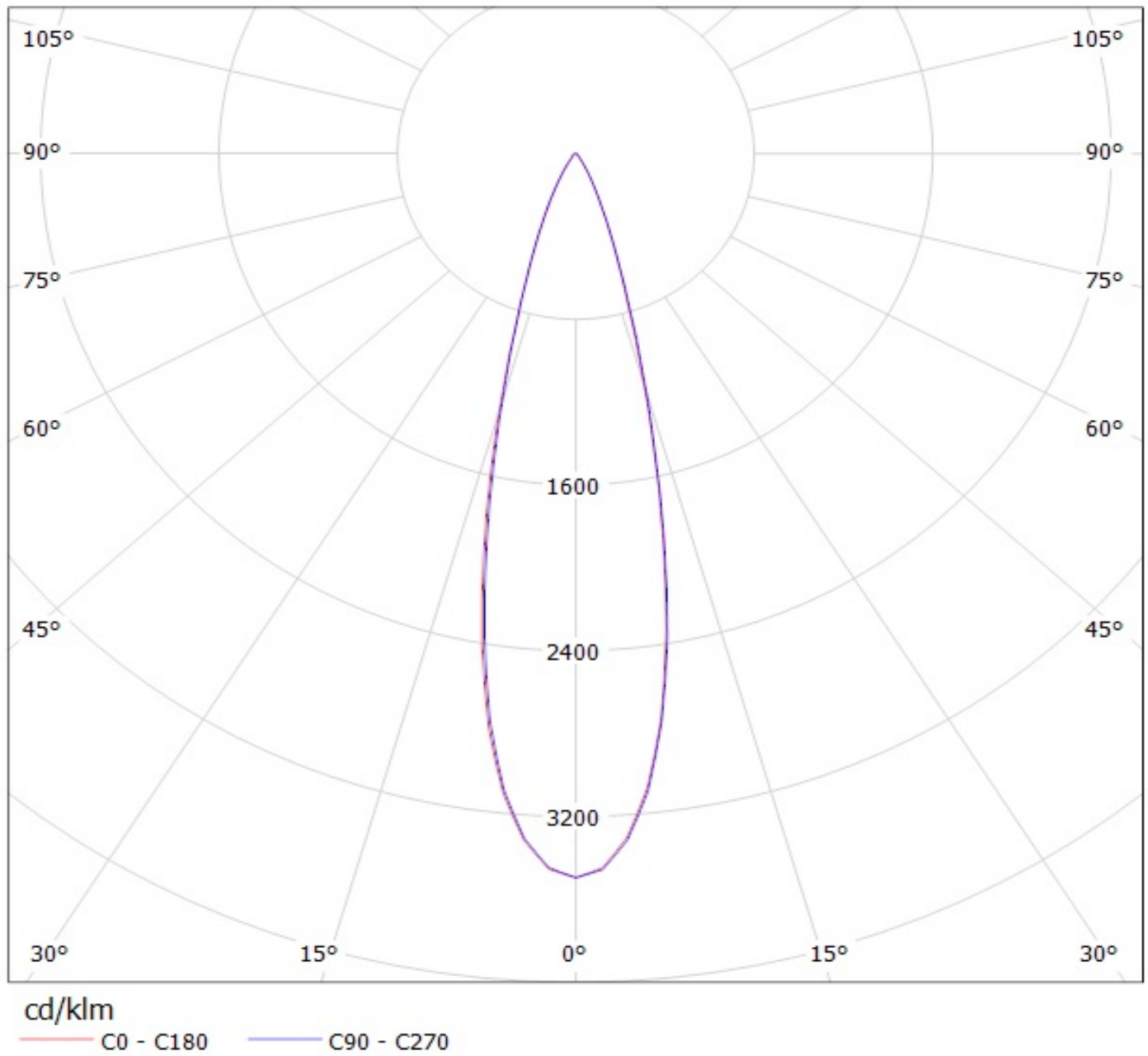
— C0 - C180

— C90 - C270

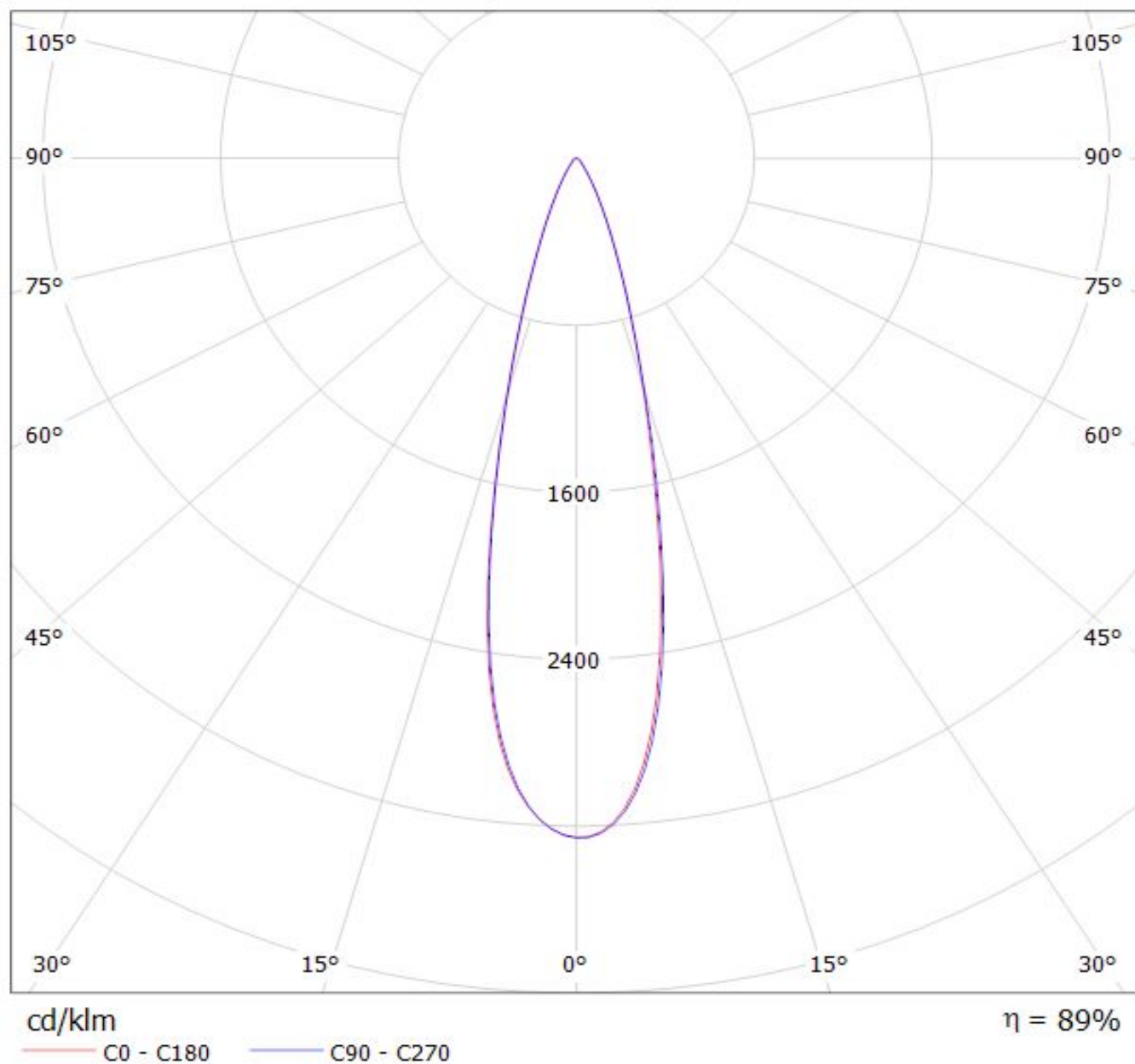
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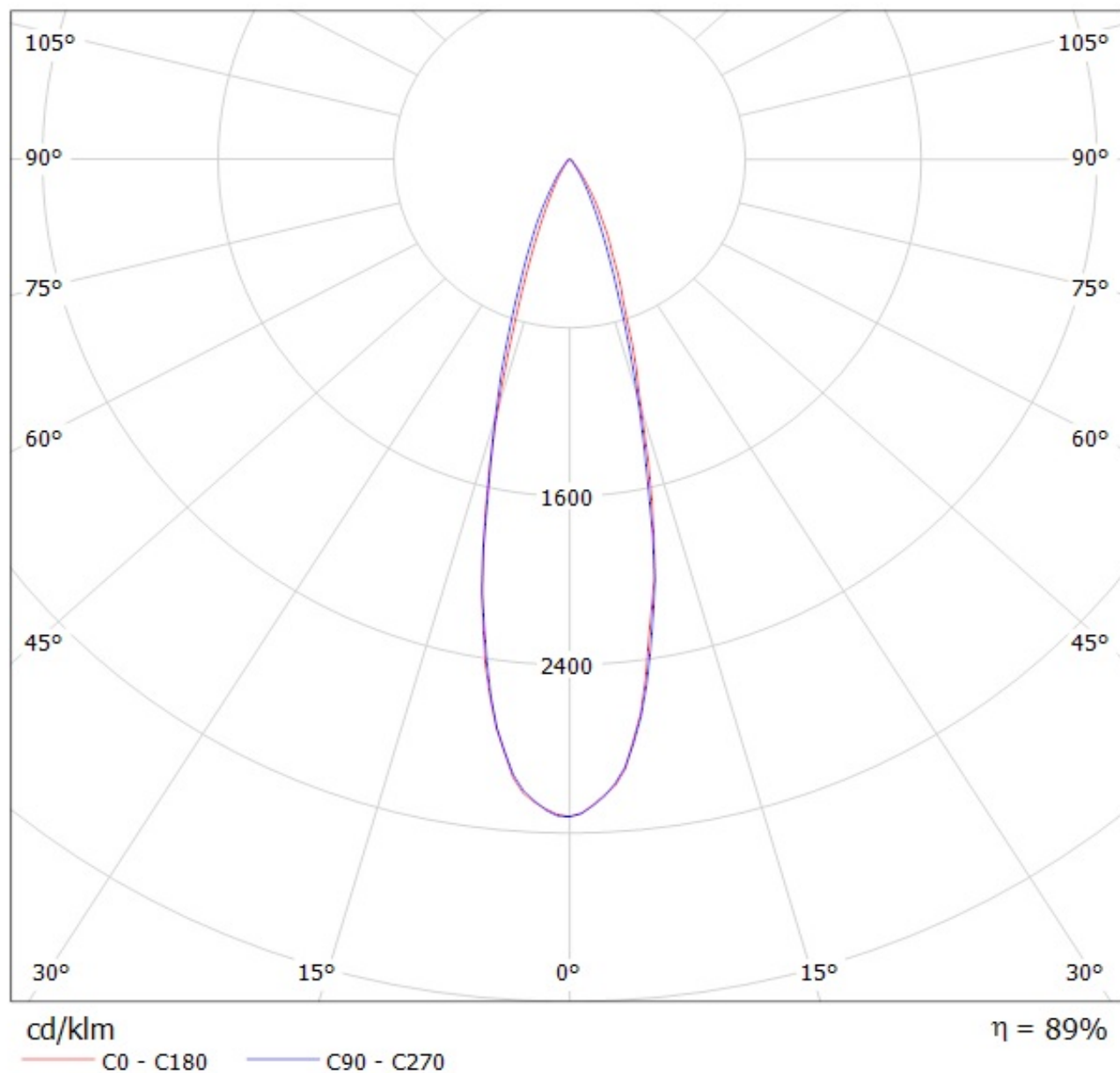
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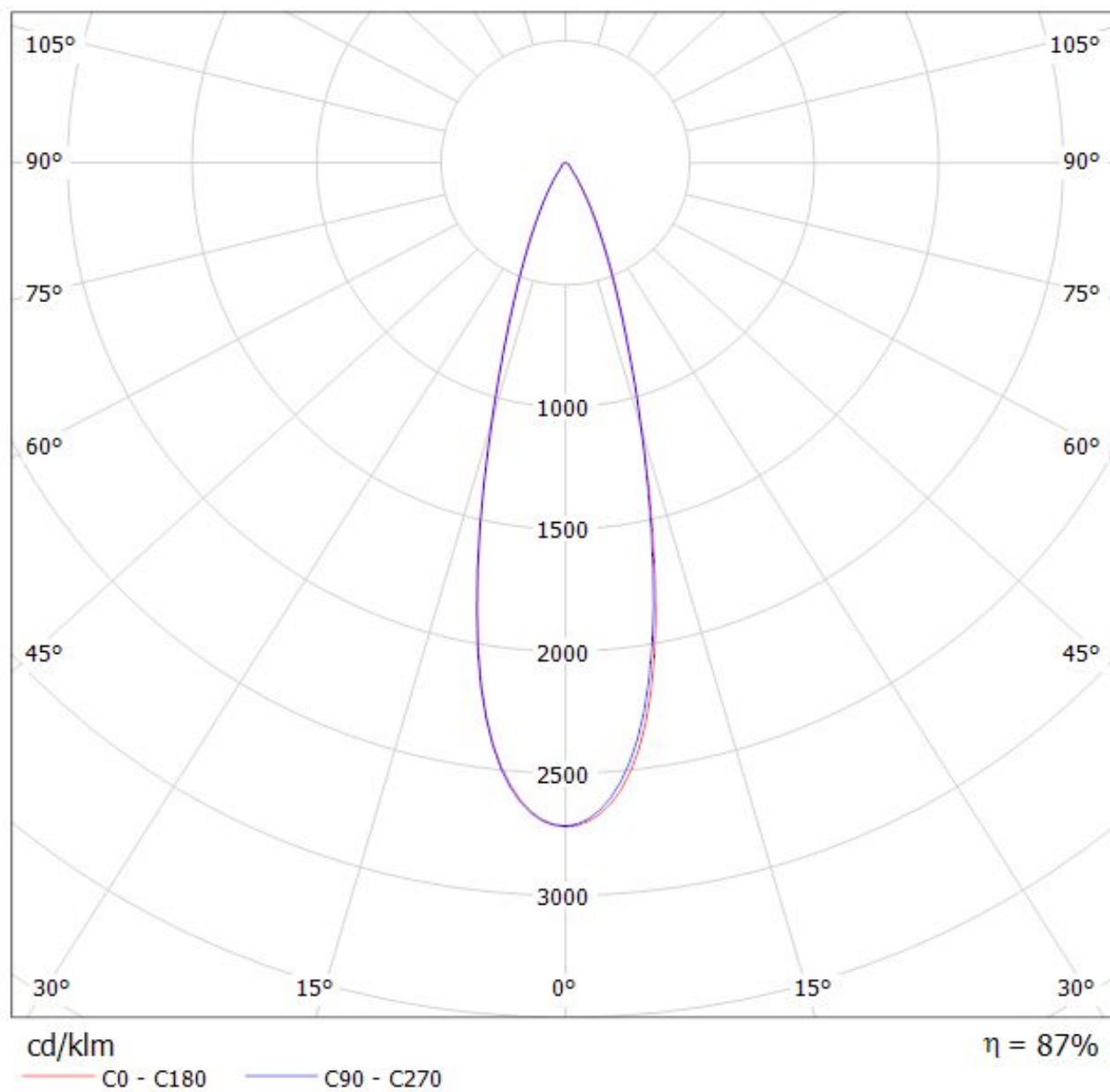
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Luminaire: LEDiL Oy FP13030&FP13028_LISA2-M_(CLIP&PIN) Eff.86.6%
Lamps: 1 x LUXEON_T (74lm@250mA)



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.