

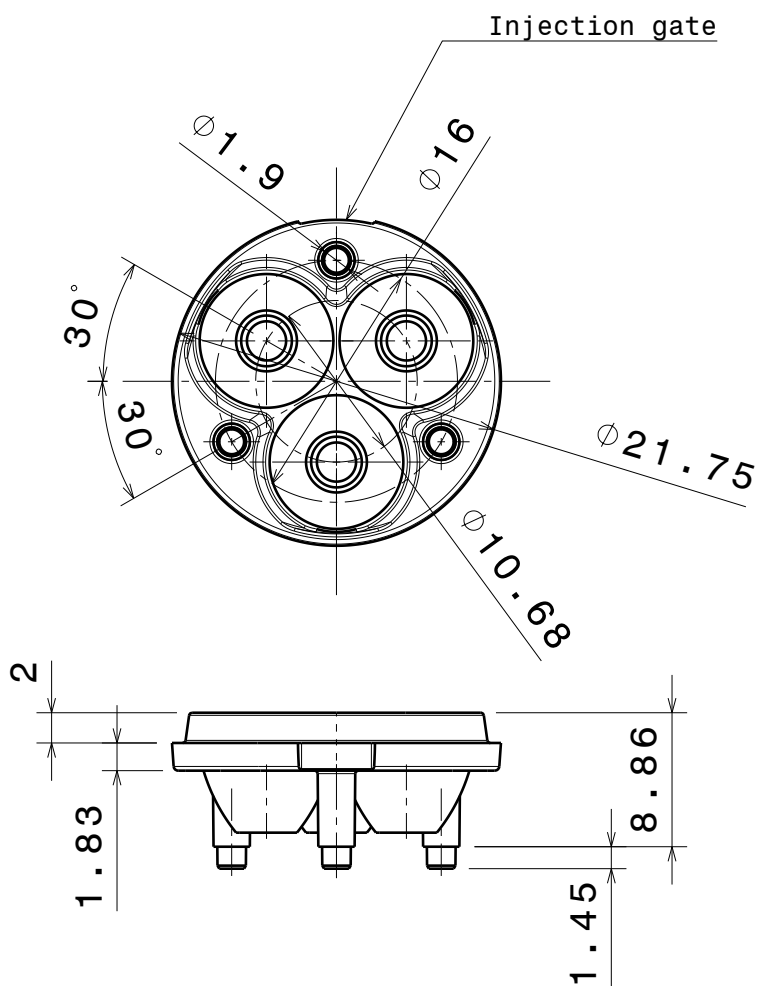
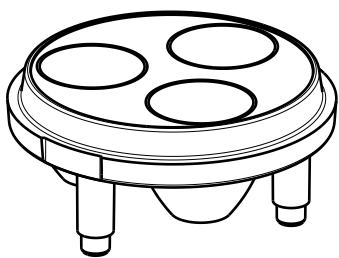
DETAILS

Product Number	C13235_SATU-W
Family	Satu
Type	Lens array
Color	clear
Diameter	21.8 mm
Height	8.9 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	6/05/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
XT-E	(simulated) 34		-	(simulated) 0.000	-
LUXEON H50-2	(simulated) 40		-	(simulated) 2.000	-
XP-E2	27 degrees		86 %	2.900	-
H35B0 (LEMWA32)	29 degrees		86 %	2.700	-
NF2x757A	32 degrees		80 %	2.000	-
XP-G2	35 degrees		87 %	2.000	-
LH351Z	36 degrees		87 %	2.000	-
Oslon Square EC	37 degrees		85 %	1.800	-
LUXEON T	37 degrees		87 %	1.800	-
LUXEON TX	38 degrees		86 %	1.800	-
H35C0 (LEMWA33)	41 degrees		86 %	1.600	-



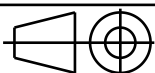
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13235	SATU-W	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
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

C13235_SATU-W

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of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy."

SIZE PART NUMBER

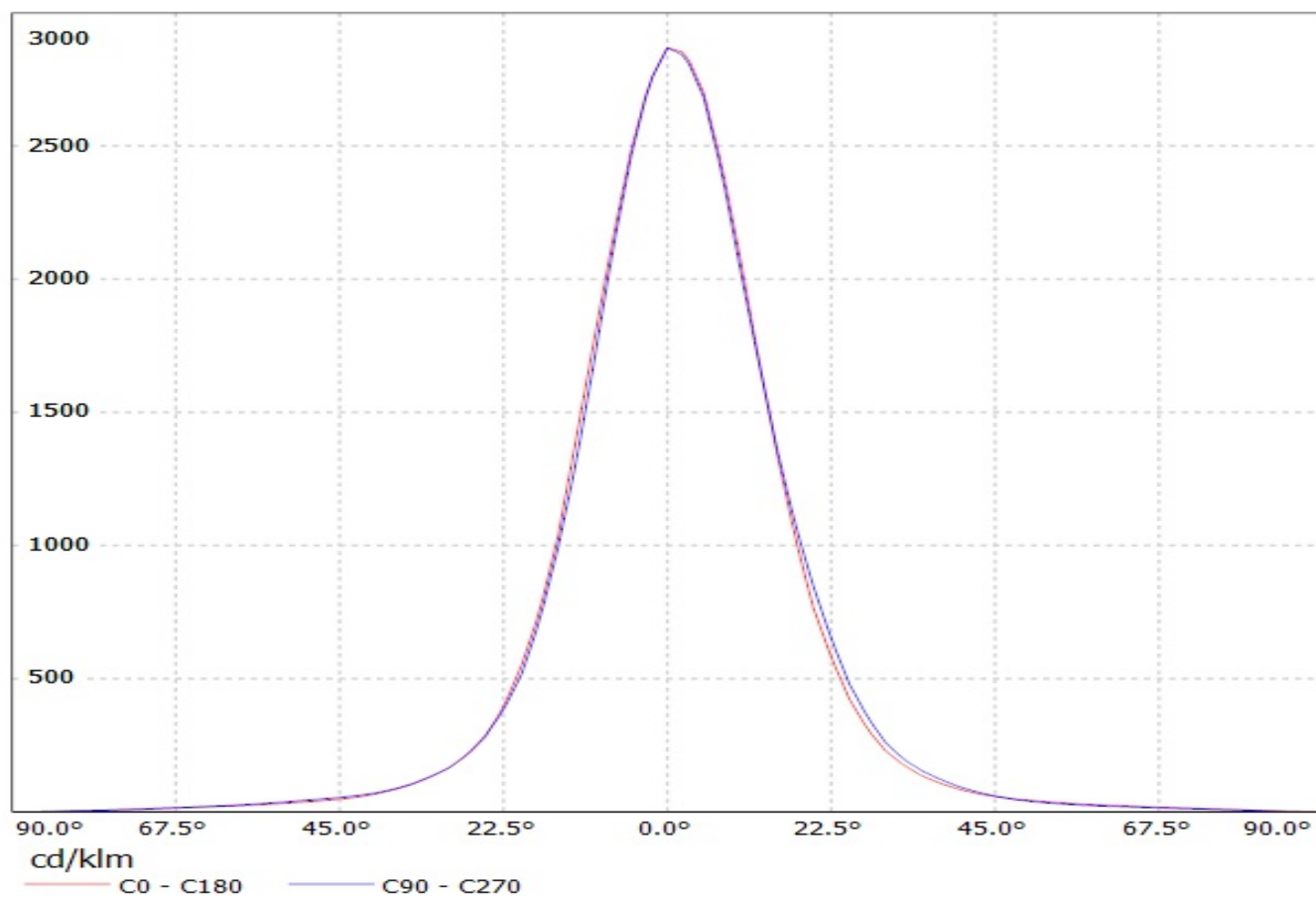
A4

C13235

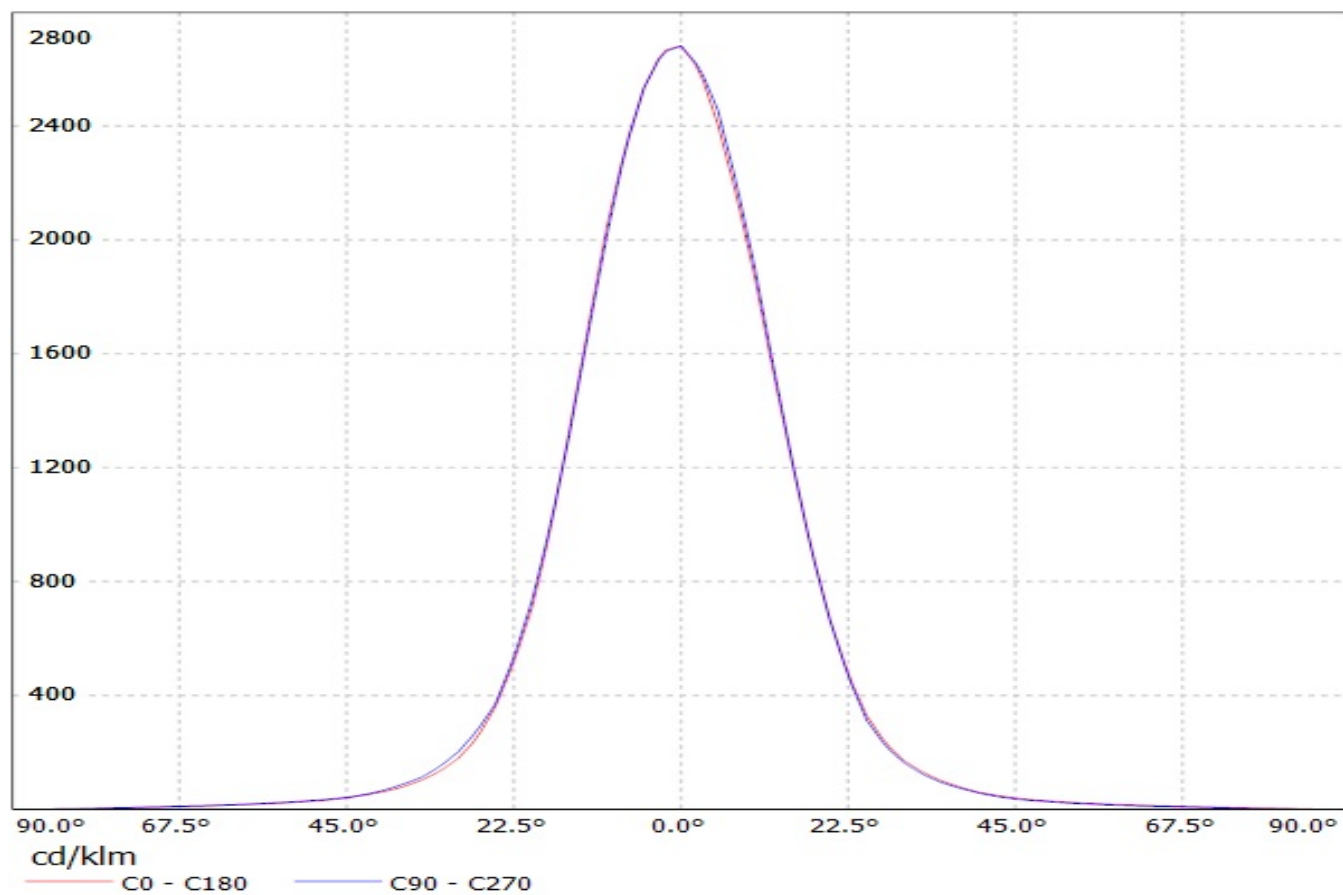
SCALE 2:1 WEIGHT 2 g SHEET 1/1

Luminaire: Ledil Oy C13235_SATU-W_(XP-E2) Efficiency=86%

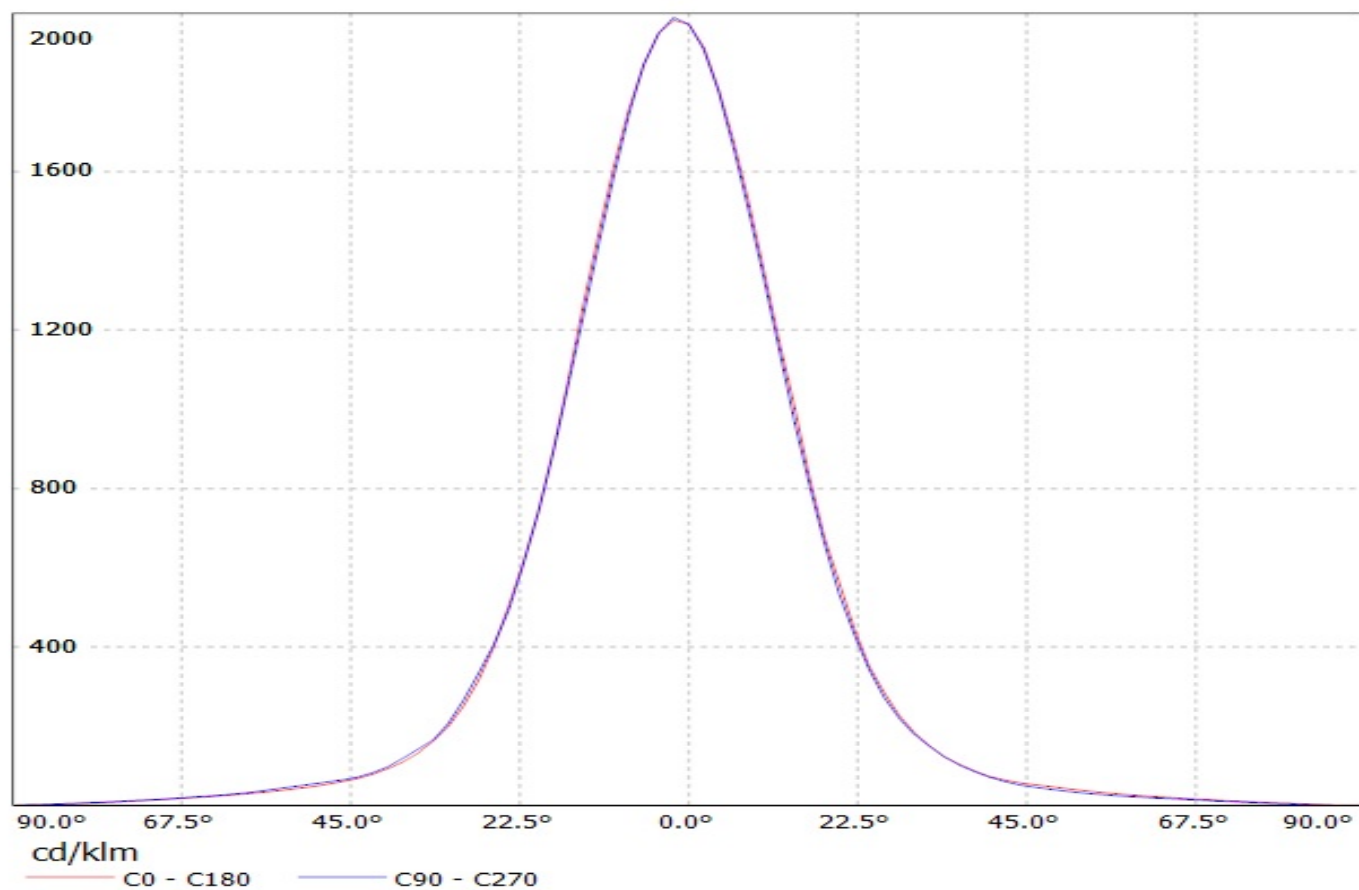
Lamps: 1 x CREE XP-E2 (XPEBWT-L1-0000-00CE7) 243lm@250mA CCT=3174K P=2.2W I=250mA



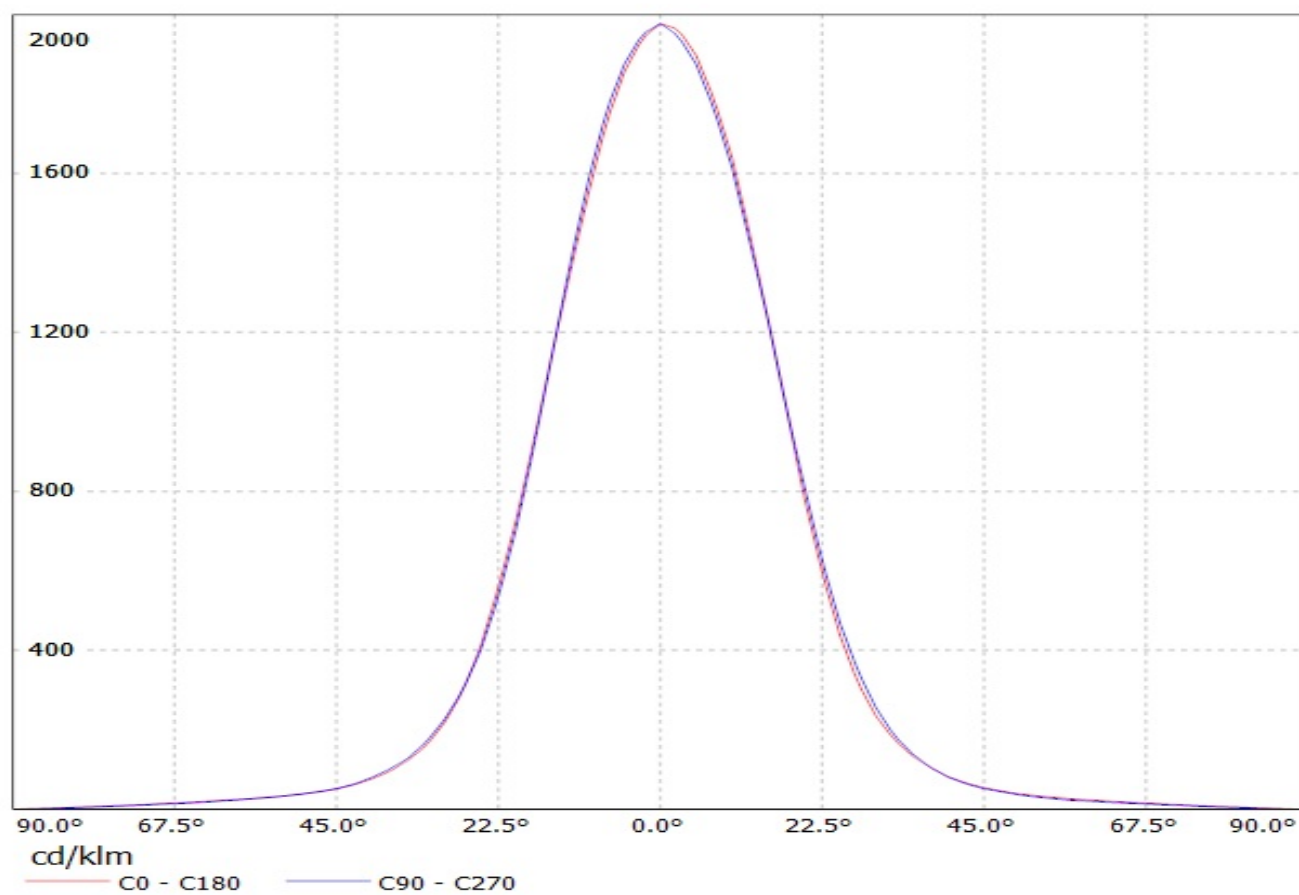
Luminaire: Ledil Oy C13235_SATU-W_(3535-2W) Efficiency=86%
Lamps: 1 x LG 3535 Ceramic 2W (LEMWA32) 233lm@250mA CCT=3700K P=2.2W I=250mA



Luminaire: LEDil Oy C13235_SATU-W_(NF2x757A) Efficiency=80%
Lamps: 1 x Nichia NF2x757A (NF2W757ART) 197lm @ 100mA CCT=4700K P=1.9W I=100mA

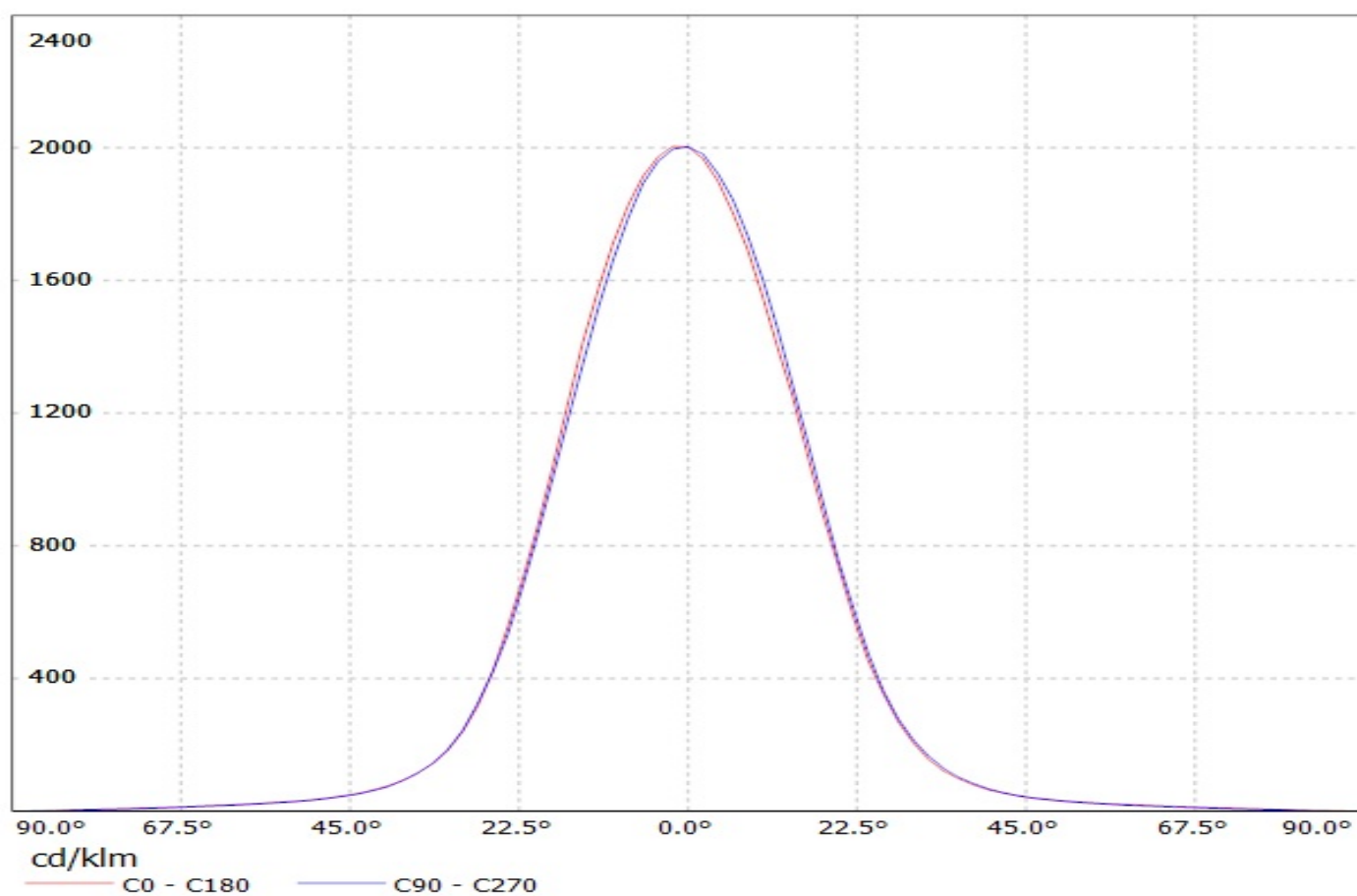


Luminaire: Ledil Oy C13235_SATU-W_(XP-G2) Efficiency=87%
Lamps: 1 x CREE XP-G2 (XPGBWT-L1-0000-00G51) 303lm@250mA CCT=7027K P=2.2W I=250mA

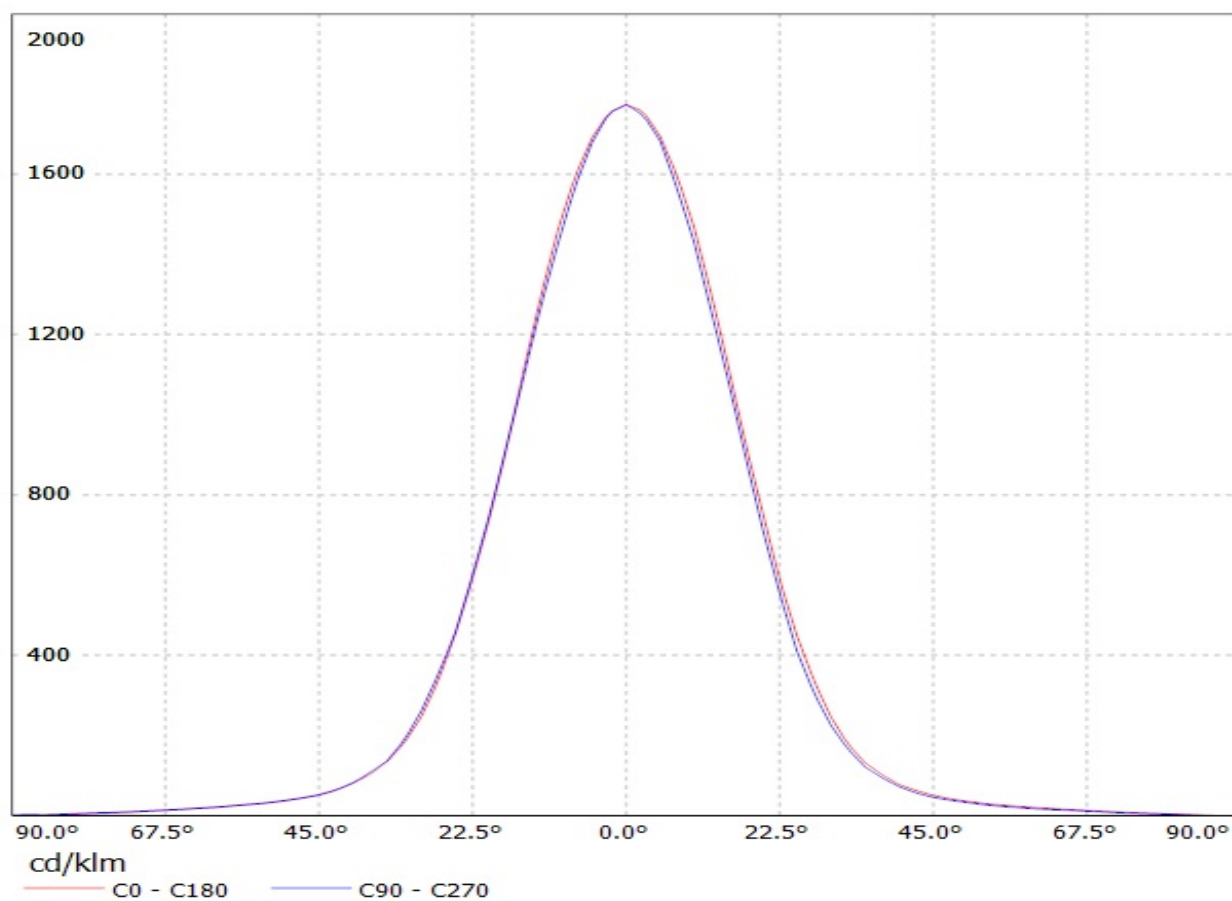


Luminaire: LEDil Oy C13235_SATU-W_(LH351Z)

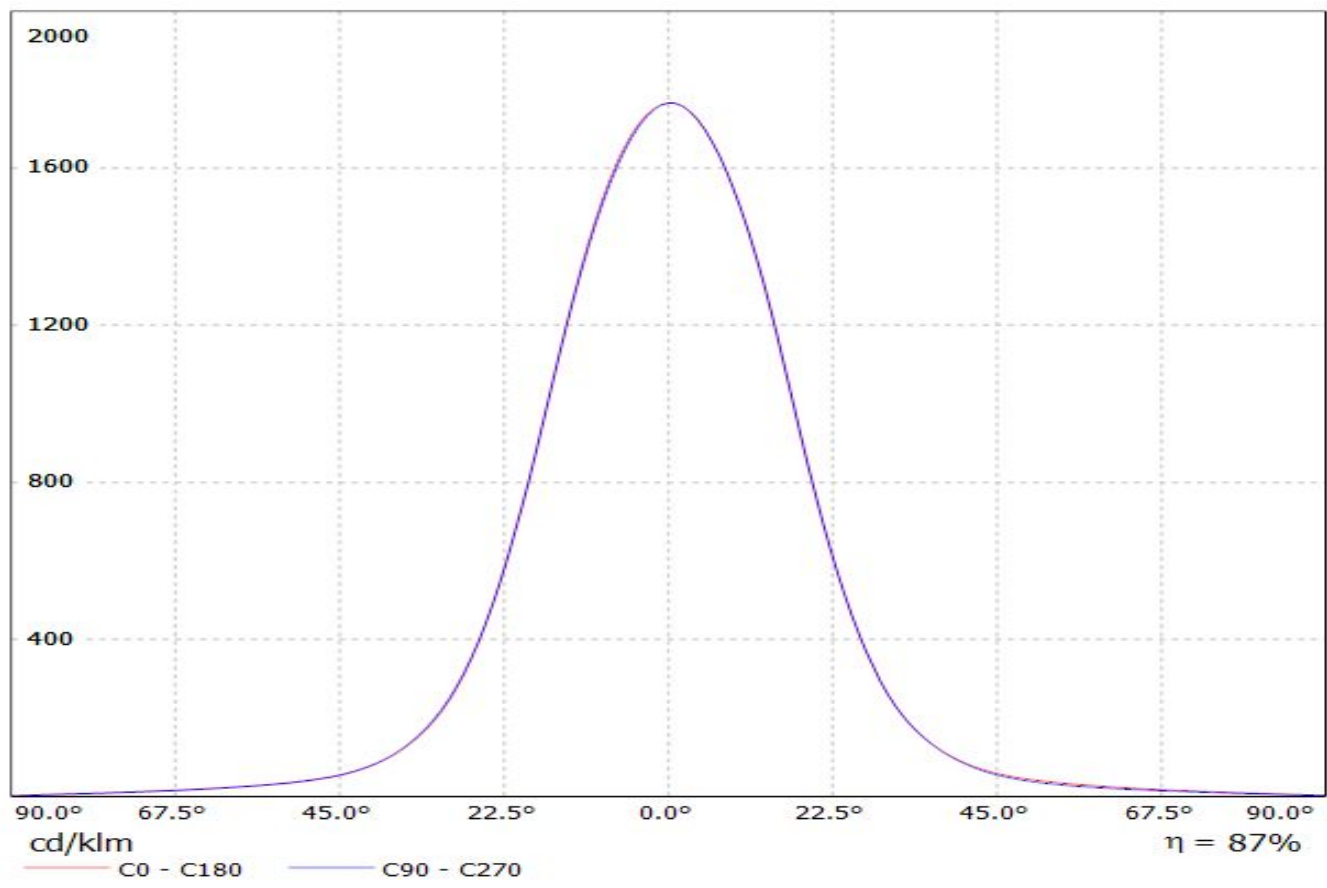
Lamps: 1 x Samsung LH351Z (234.33lm @ 250mA) CCT=6500K P=2.2W I=250mA



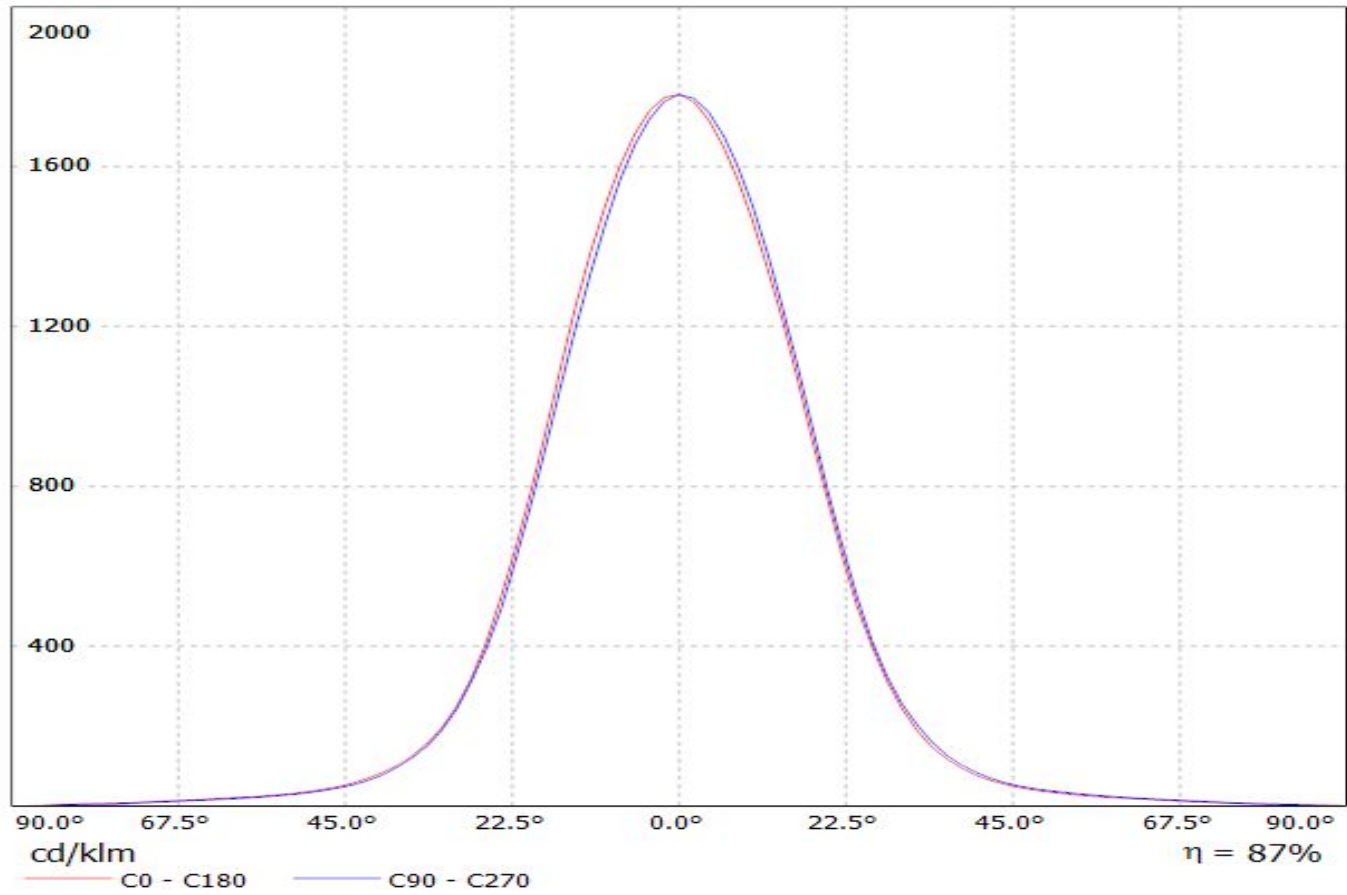
Luminaire: Ledil Oy C13235_SATU-W (Osram Square EC 273lm @ 250mA) Efficiency=85%
Lamps: 1 x Osram Square EC (LCW CQAR.EC-MQMS-SL7N-35) 273lm @ 250mA CCT=3955K P=2,25W I=250mA



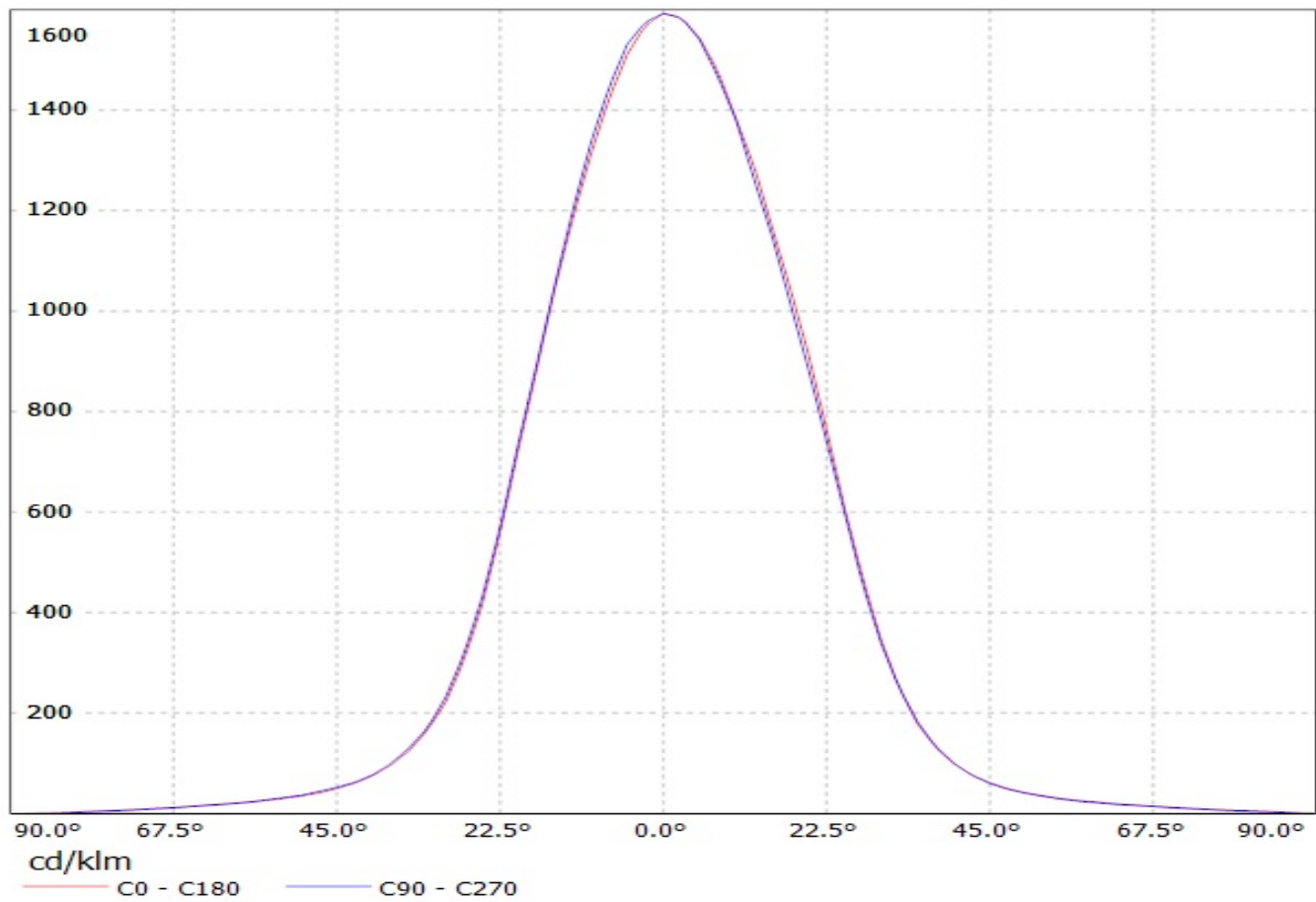
Luminaire: LEDiL Oy C13235_SATU-W_(LUXEON_T) Eff.87%
Lamps: 1 x LUXEON_T (214lm@250mA)



Luminaire: Ledil Oy C13235_SATU-W_(Luxeon TX) Efficiency=86%
Lamps: 1 x Luxeon TX 250lm @ 250mA CCT= P=2.13W I=250mA

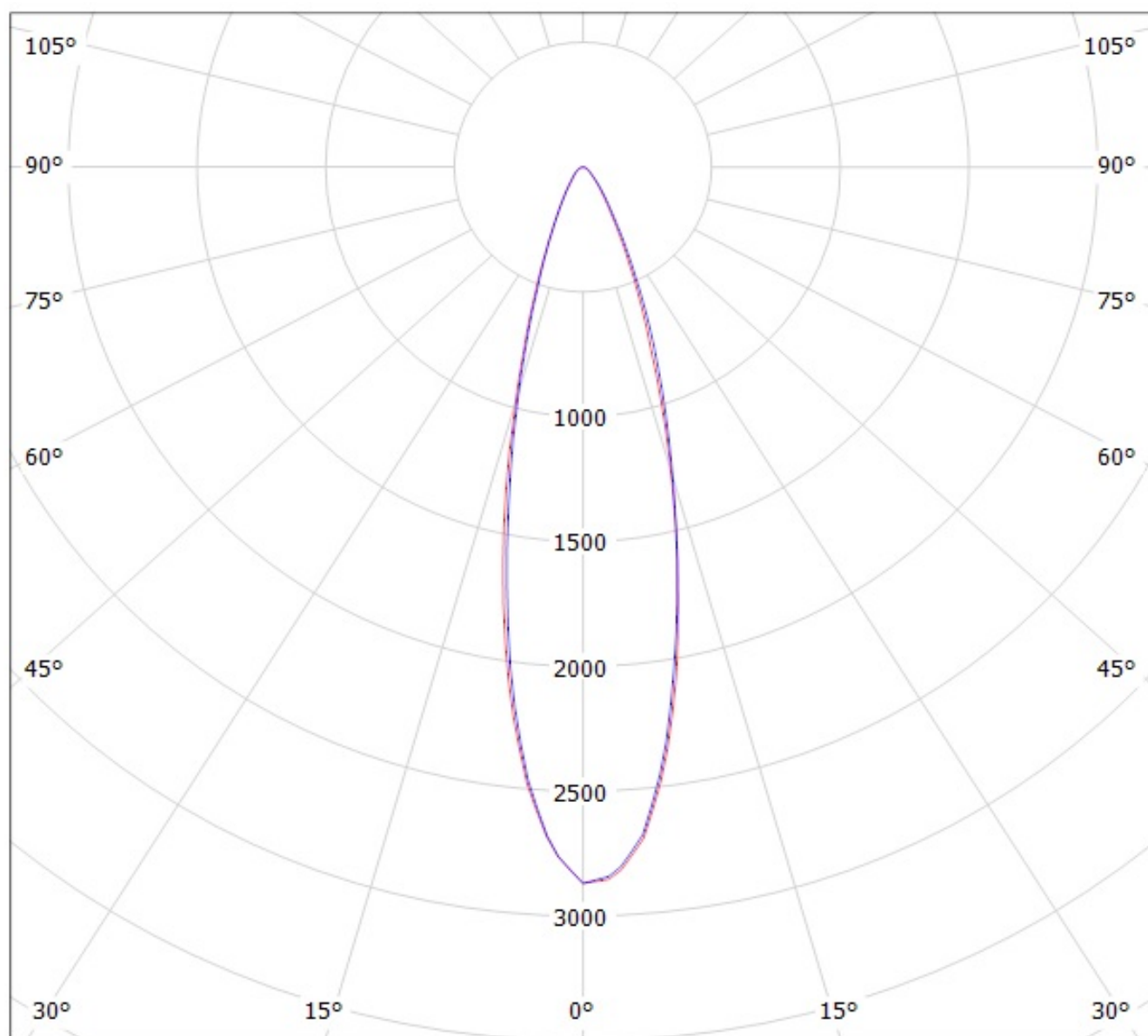


Luminaire: Ledil Oy C13235_SATU-W_(3535_3W) Efficiency=86%
Lamps: 1 x LG 3535 Ceramic 3W (LEMWA33) 278lm@250mA CCT=6287K P=2.2W I=250mA



Luminaire: Ledil Oy C13235_SATU-W_(XP-E2) Efficiency=86%

Lamps: 1 x CREE XP-E2 (XPEBWT-L1-0000-00CE7) 243lm@250mA CCT=3174K P=2.2W I=250mA



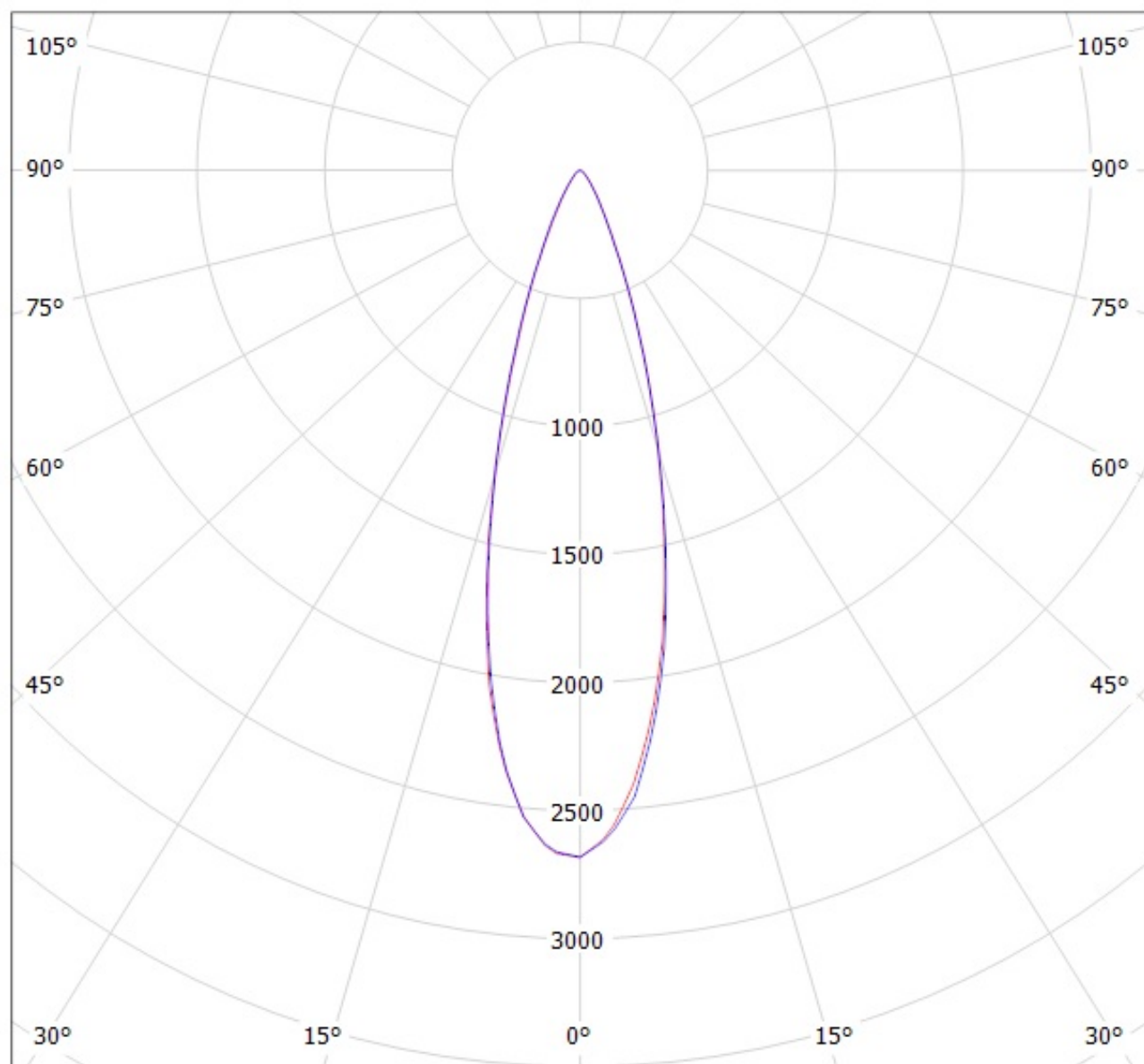
cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C13235_SATU-W_(3535-2W) Efficiency=86%

Lamps: 1 x LG 3535 Ceramic 2W (LEMWA32) 233lm@250mA CCT=3700K P=2.2W I=250mA

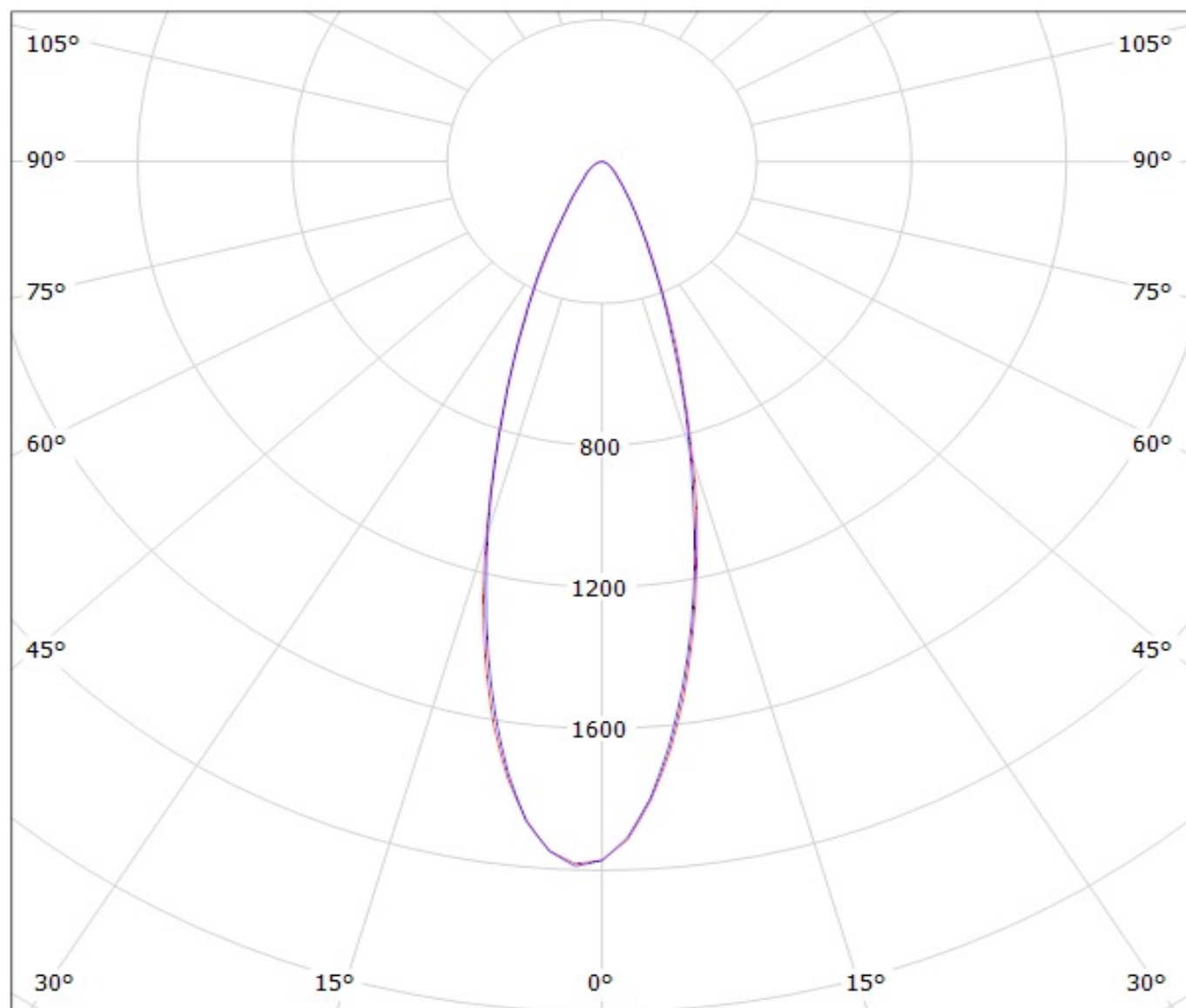


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C13235_SATU-W_(NF2x757A) Efficiency=80%
Lamps: 1 x Nichia NF2x757A (NF2W757ART) 197lm @ 100mA CCT=4700K P=1.9W I=100mA



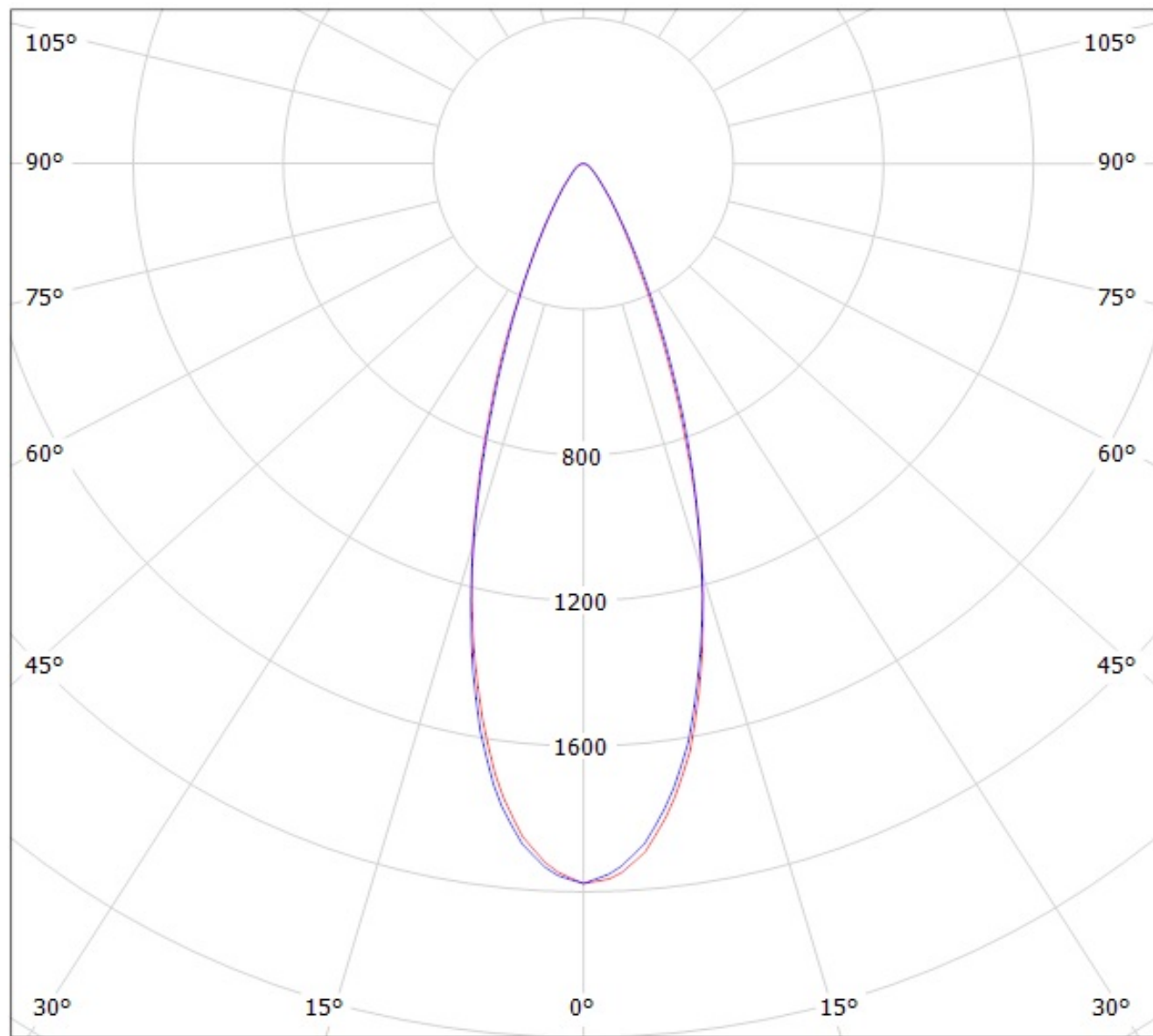
cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C13235_SATU-W_(XP-G2) Efficiency=87%

Lamps: 1 x CREE XP-G2 (XPGBWT-L1-0000-00G51) 303lm@250mA CCT=7027K P=2.2W I=250mA



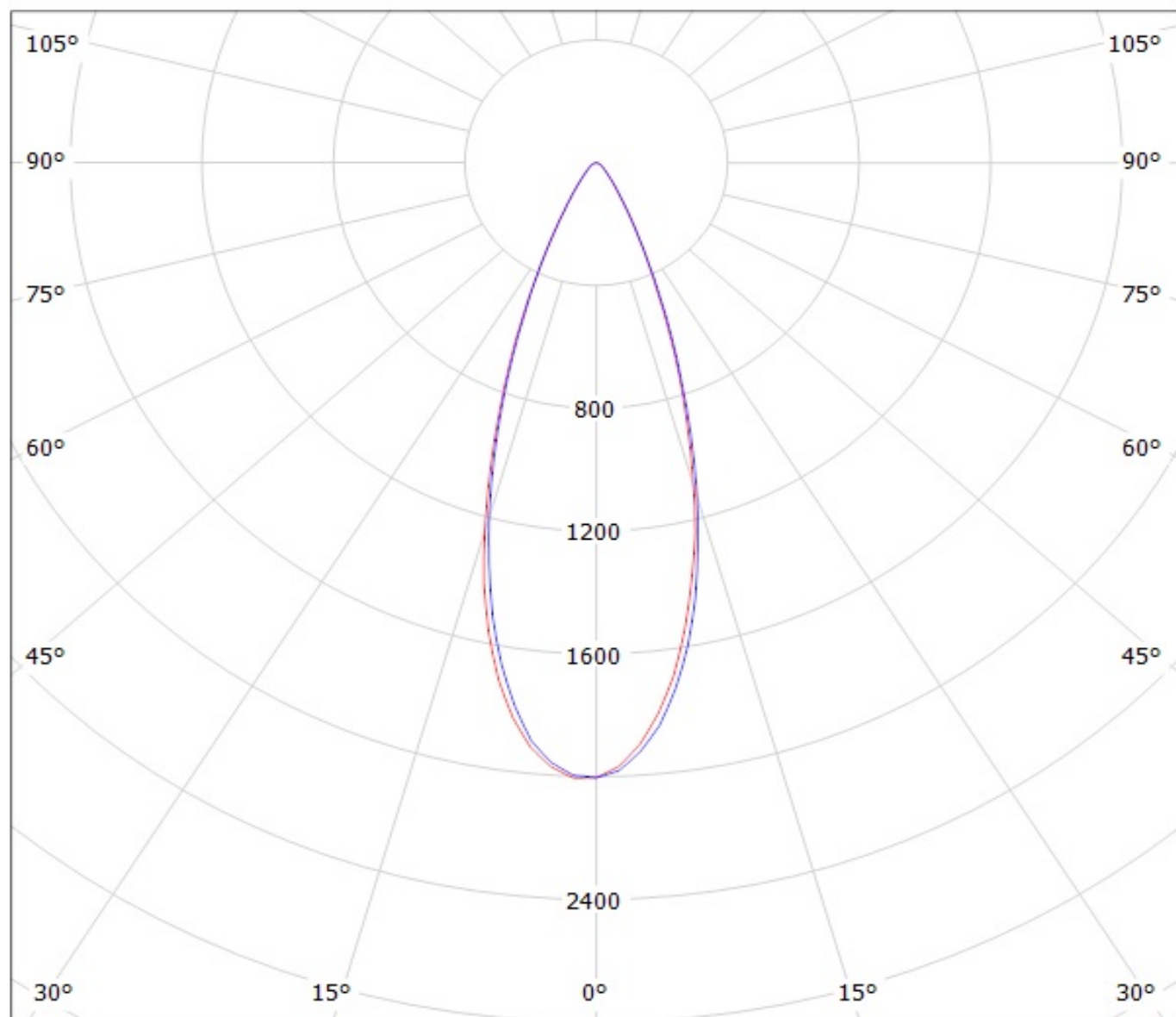
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C13235_SATU-W_(LH351Z)

Lamps: 1 x Samsung LH351Z (234.33lm @ 250mA) CCT=6500K P=2.2W I=250mA

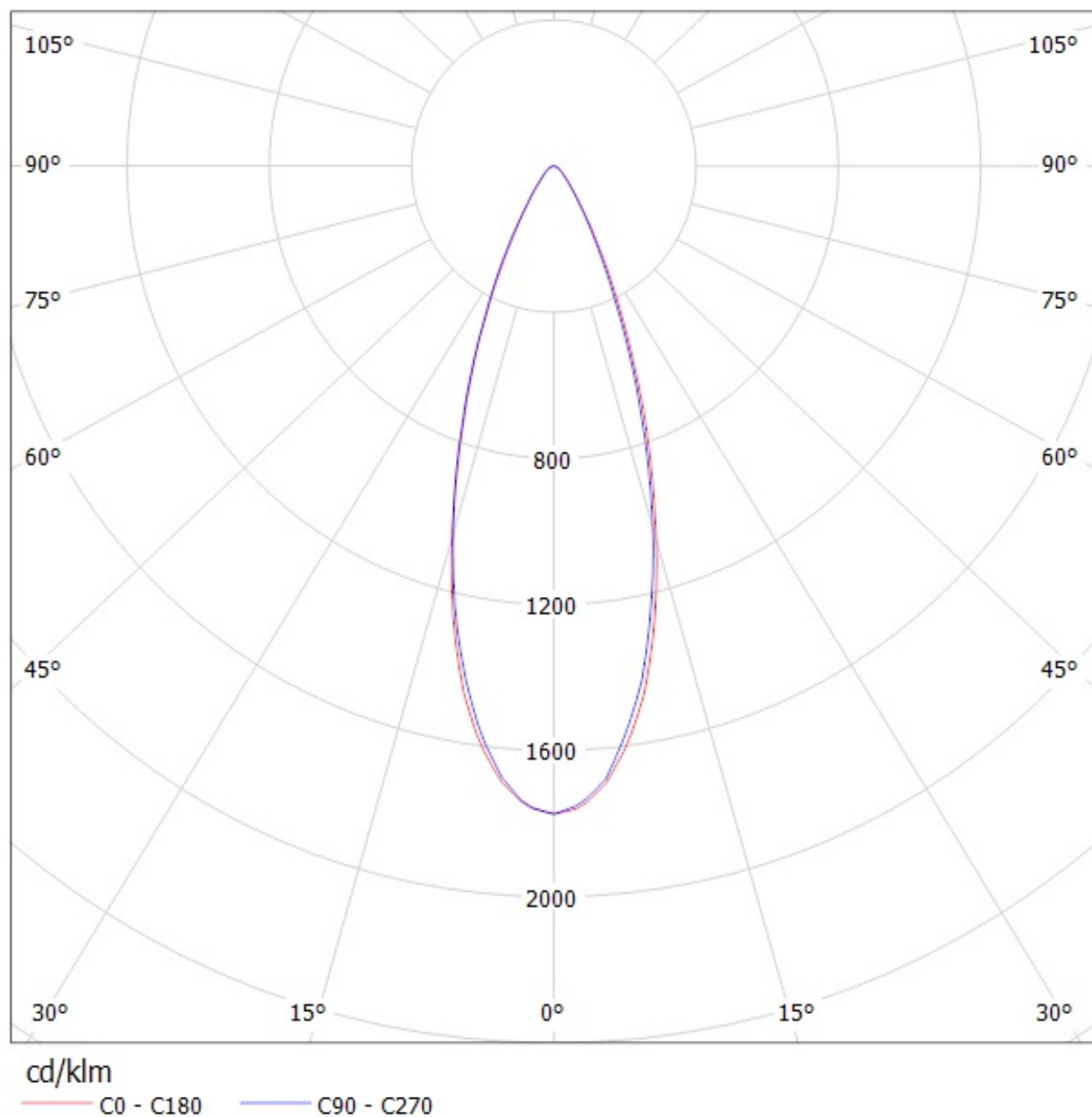


cd/klm

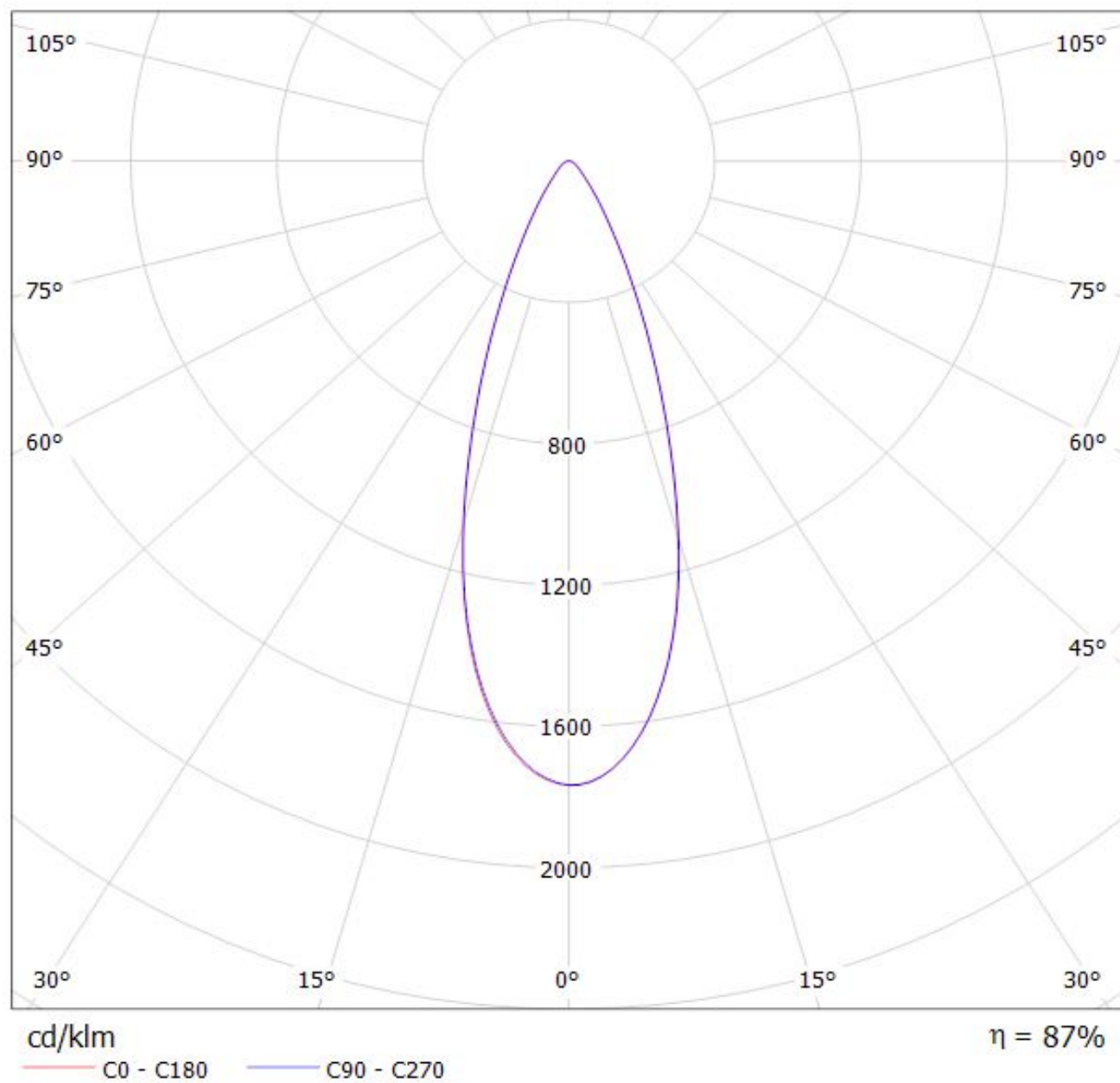
— C0 - C180

— C90 - C270

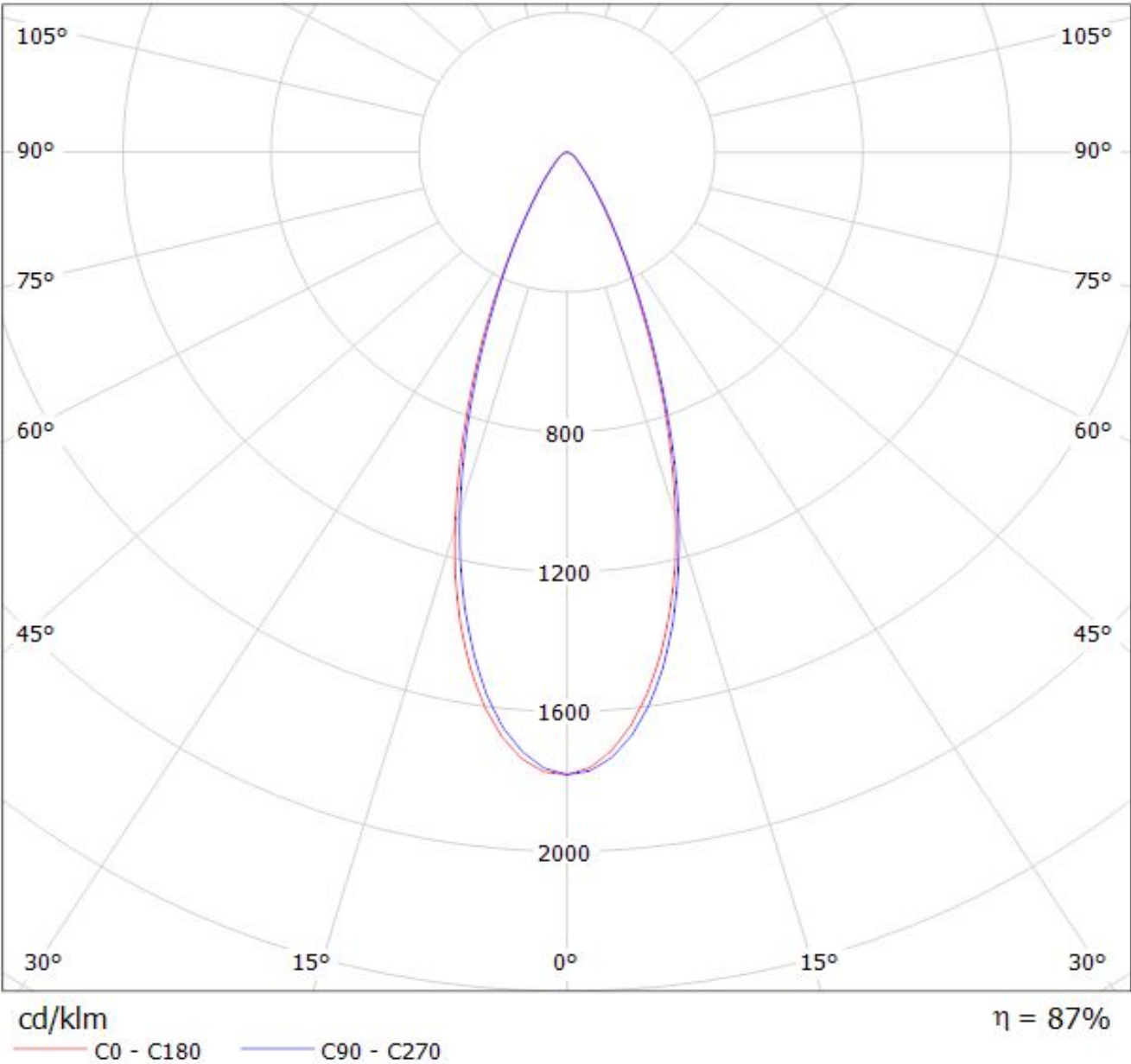
Luminaire: Ledil Oy C13235_SATU-W (Osram Square EC 273lm @ 250mA) Efficiency=85%
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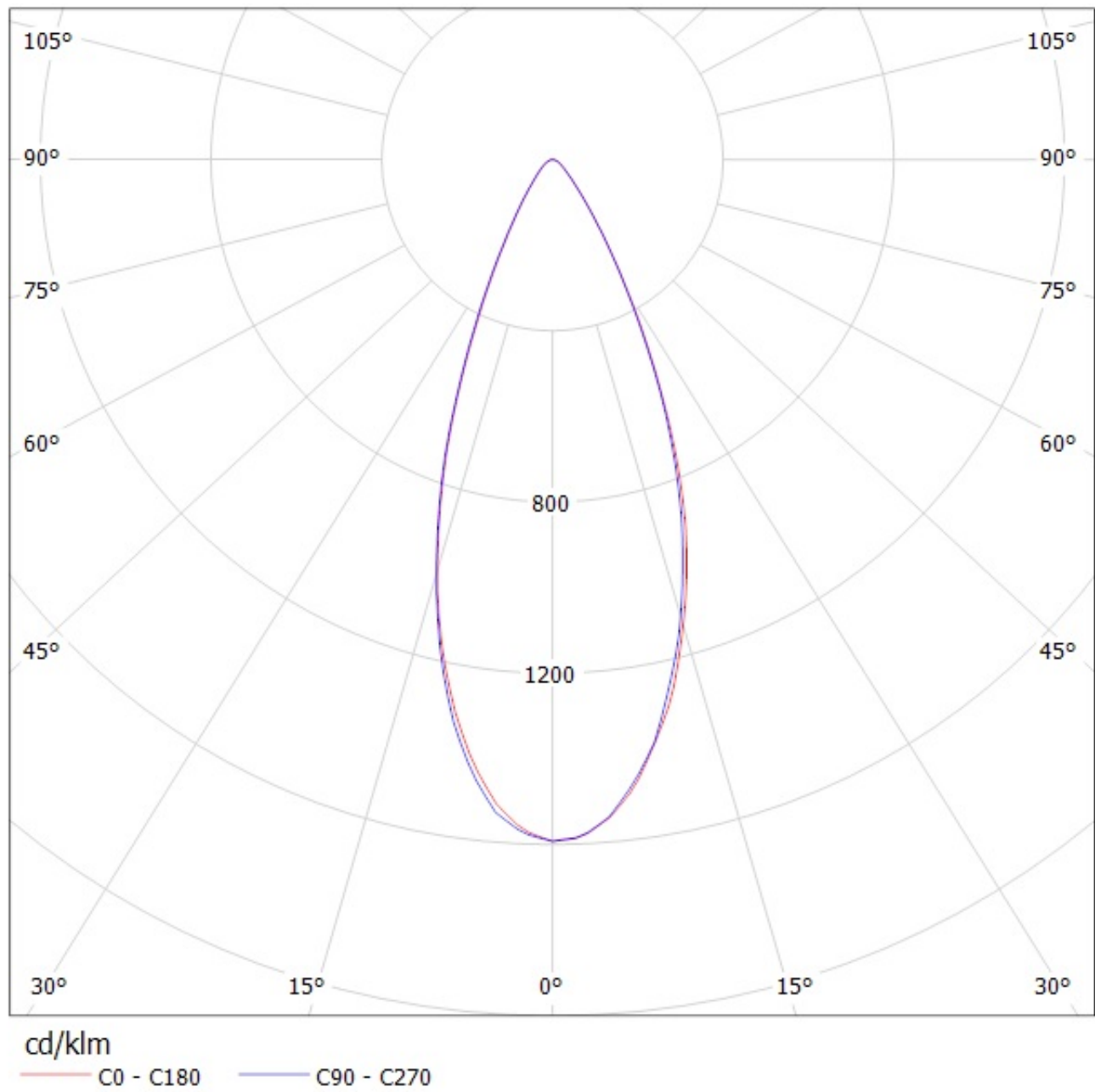
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Lamps: 1 x LUXEON_T (214lm@250mA)



Luminaire: Ledil Oy C13235_SATU-W_(Luxeon TX) Efficiency=86%
Lamps: 1 x Luxeon TX 250lm @ 250mA CCT= P=2.13W I=250mA



Luminaire: Ledil Oy C13235_SATU-W_(3535_3W) Efficiency=86%
Lamps: 1 x LG 3535 Ceramic 3W (LEMWA33) 278lm@250mA CCT=6287K P=2.2W 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.