

DETAILS

Product Number	C10756_CUTE-3-W
Family	Cute
Type	Lens array
Color	clear
Diameter	35 mm
Height	15 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	7/03/2014



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		
	Angle	Beam	ciency	cd/lm	Connector
XP-E	40 deg	Wide	90 %	1.530	-
XP-G	40 deg	Wide	90 %	1.400	-
XM-L	42 deg	Wide	83 %	-	-
XM-L HVW	sim: 41	Wide	87 %	-	-
XT-E HVW	sim: 40	Wide	90 %	-	-
XT-E	39 deg	Wide	-	1.700	-
XP-G2	40 deg	Wide	87 %	1.800	-
XM-L2	45 deg	Wide	86 %	1.400	-
XP-L	46 deg	Wide	84 %	1.350	-
XHP35 HD	sim: 45	Wide	sim: 90 %	sim: 1.640	-
XHP35 HI	sim: 41	Wide	sim: 93 %	sim: 2.300	-
XP-G3	sim: 44	Wide	sim: 94 %	sim: 1.700	-
C3535 (Intematix)	42 deg	Wide	75 %	-	-
H35C1 (LEMWA33)	42 deg	Wide	85 %	1.600	-
LUXEON Rebel	38 deg	Wide	77 %	-	-
LUXEON Rebel ES	41 deg	Wide	77 %	-	-
LUXEON A	41 deg	Wide	77 %	-	-
LUXEON T	42 deg	Wide	86 %	1.600	-
LUXEON H50-2	sim: 41	Wide	sim: 90 %	sim: 2.100	-
LUXEON TX	40 deg	Wide	85 %	1.700	-
NCSxx19A	39 deg	Wide	84 %	-	-
NVSxx19A	41 deg	Wide	84 %	-	-
NCSxx19B	38 deg	Wide	85 %	1.800	-
NVSxx19B/NVSxx19C	sim: 41	Wide	sim: 92 %	sim: 1.890	-
Oslon SSL 80	40 deg	Wide	83 %	-	-



PRODUCT DATASHEET

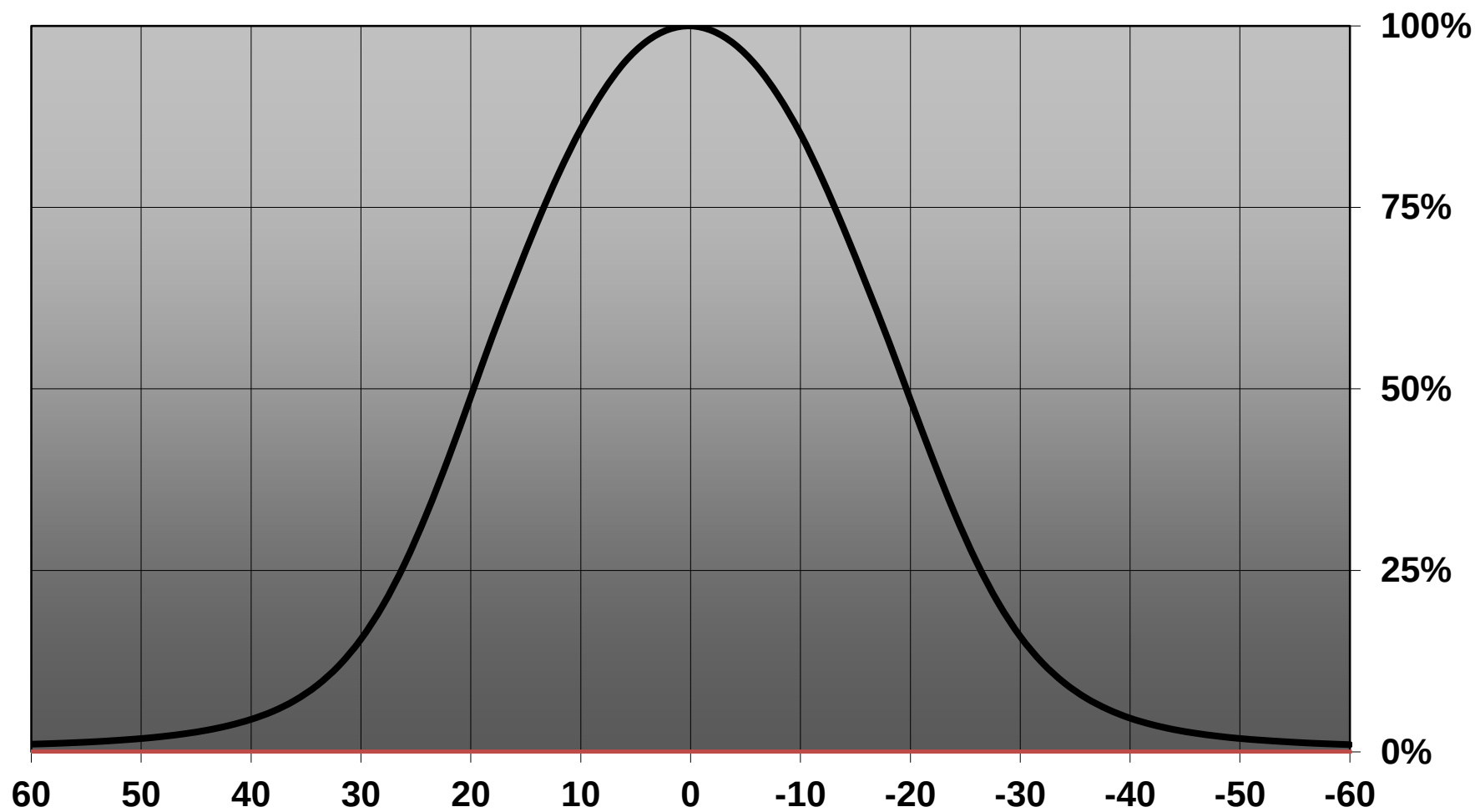
Cute series

last update 7/3/2014

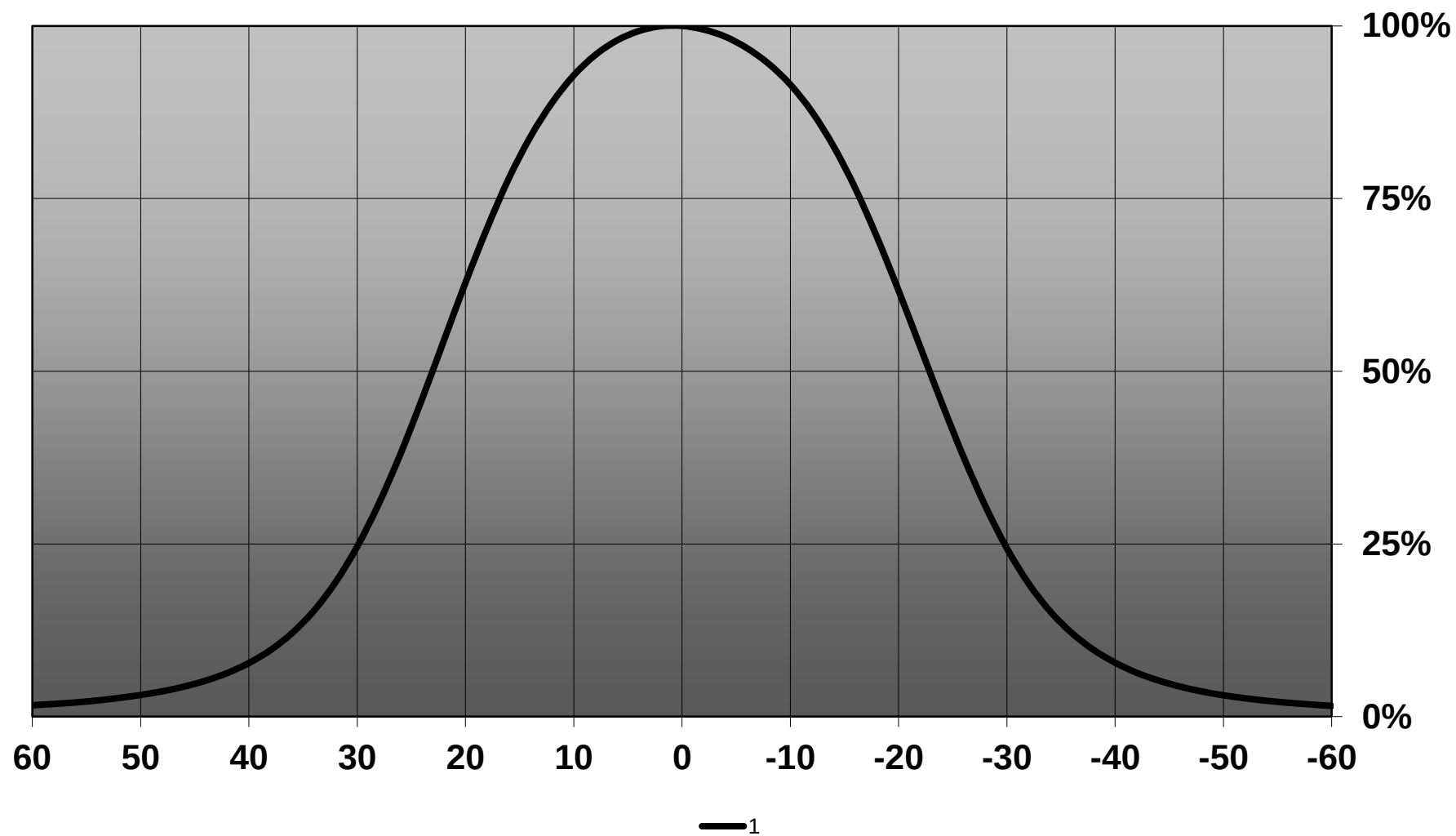
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
Oslon SSL 150	40 deg	Wide	83 %	-	-
Oslon Square EC	36 deg	Wide	78 %	1.850	-
Z5	40 deg	Wide	-	-	-
Z5M1/Z5M2	38 deg	Wide	84 %	1.700	-
TL1L3	42 deg	Wide	90 %	1.300	-

Relative intensity of C10756_CUTE-3-W-(XPG2)



Relative intensity of C10756_CUTE-3-W_(XP-L)



D

C

B

A

4

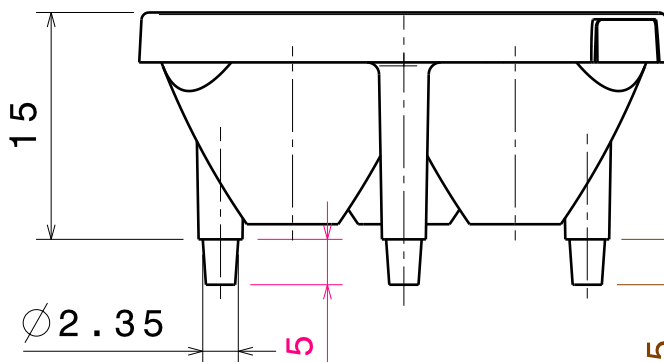
3

2

1

 $\varnothing 28$ 3x120deg $\varnothing 17$ 3x120deg $\varnothing 35$ $\varnothing 4.4$

Bottom view



Side view

1.5
Wide lens

Material: PMMA

Part no.s;

Spot:

C10754_Cute-3-SS

C11333_Cute-3-SS, pin head length =1.5mm

Medium:

C10755_Cute-3-M

C11334_Cute-3-M, pin head length =1.5mm

Wide:

C10756_Cute-3-W

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LEDIL

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cute-3 Lens Series

DRAWN BY

pv

DATE

08.02.2010

CHECKED BY

TK

DATE

09.09.2008

DESIGNED BY

HH

DATE

09.09.2008

SIZE

A4

DRAWING NUMBER

REV

1

SCALE

2:1

WEIGHT (g)

SHEET

1/1

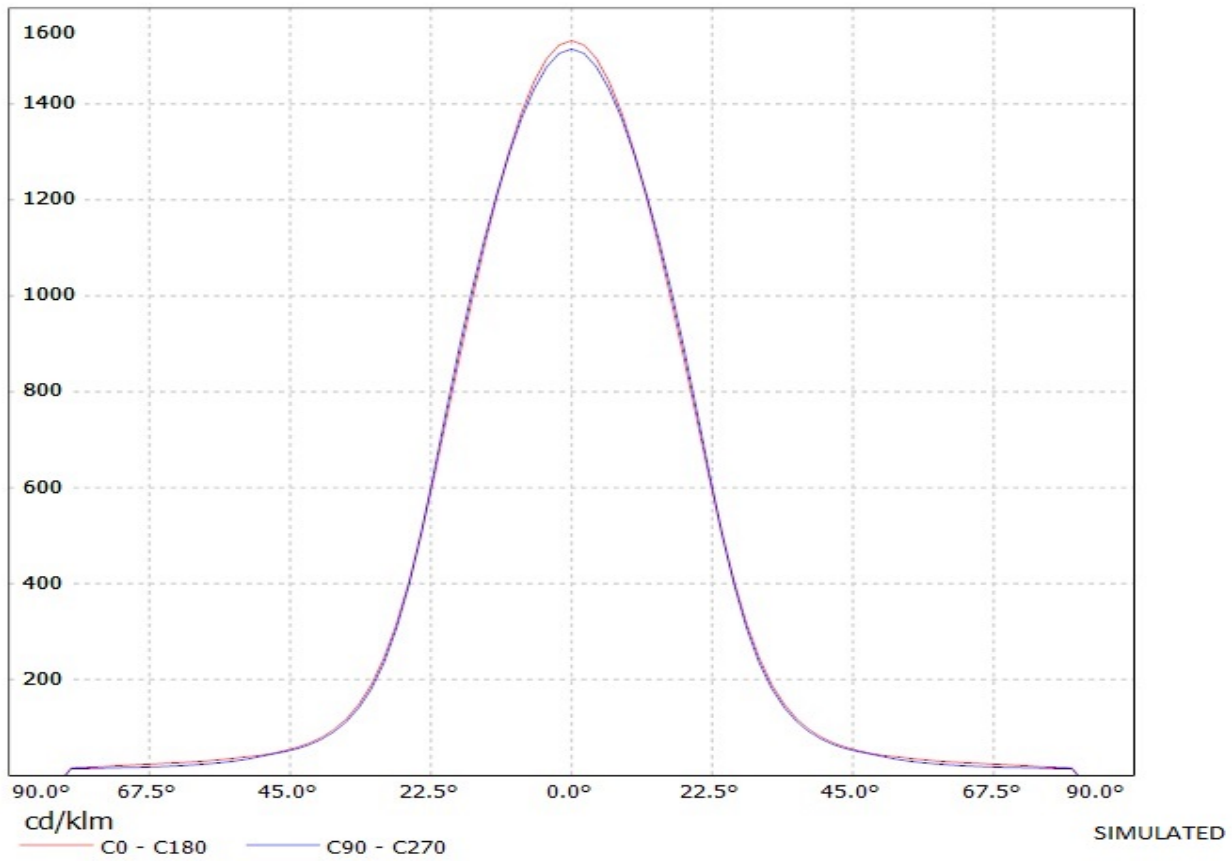
D

A

1

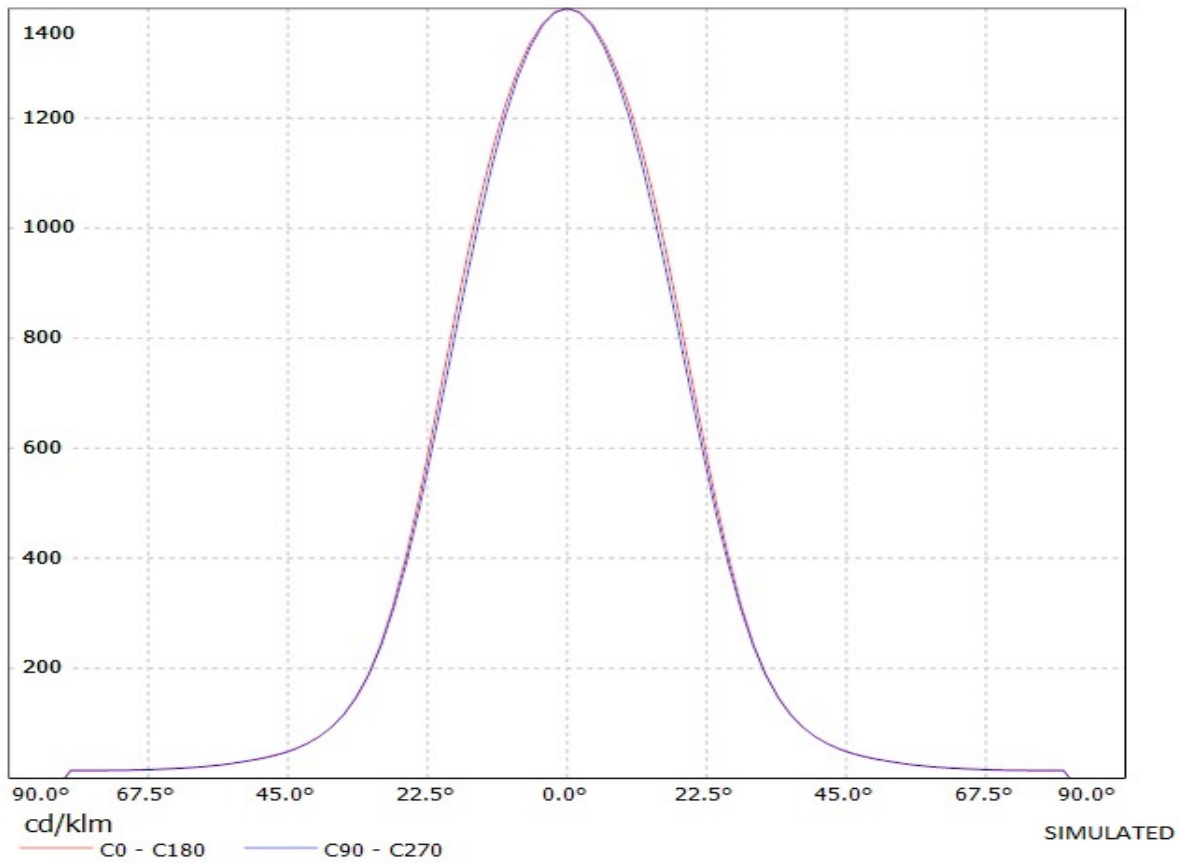
Ledil Oy C10756_Cute-3-W-XP C10756_Cute-3-W-XP / LDC (Linear)

Luminaire: Ledil Oy C10756_Cute-3-W-XP C10756_Cute-3-W-XP
Lamps: 3 x Cree XP-E (White)

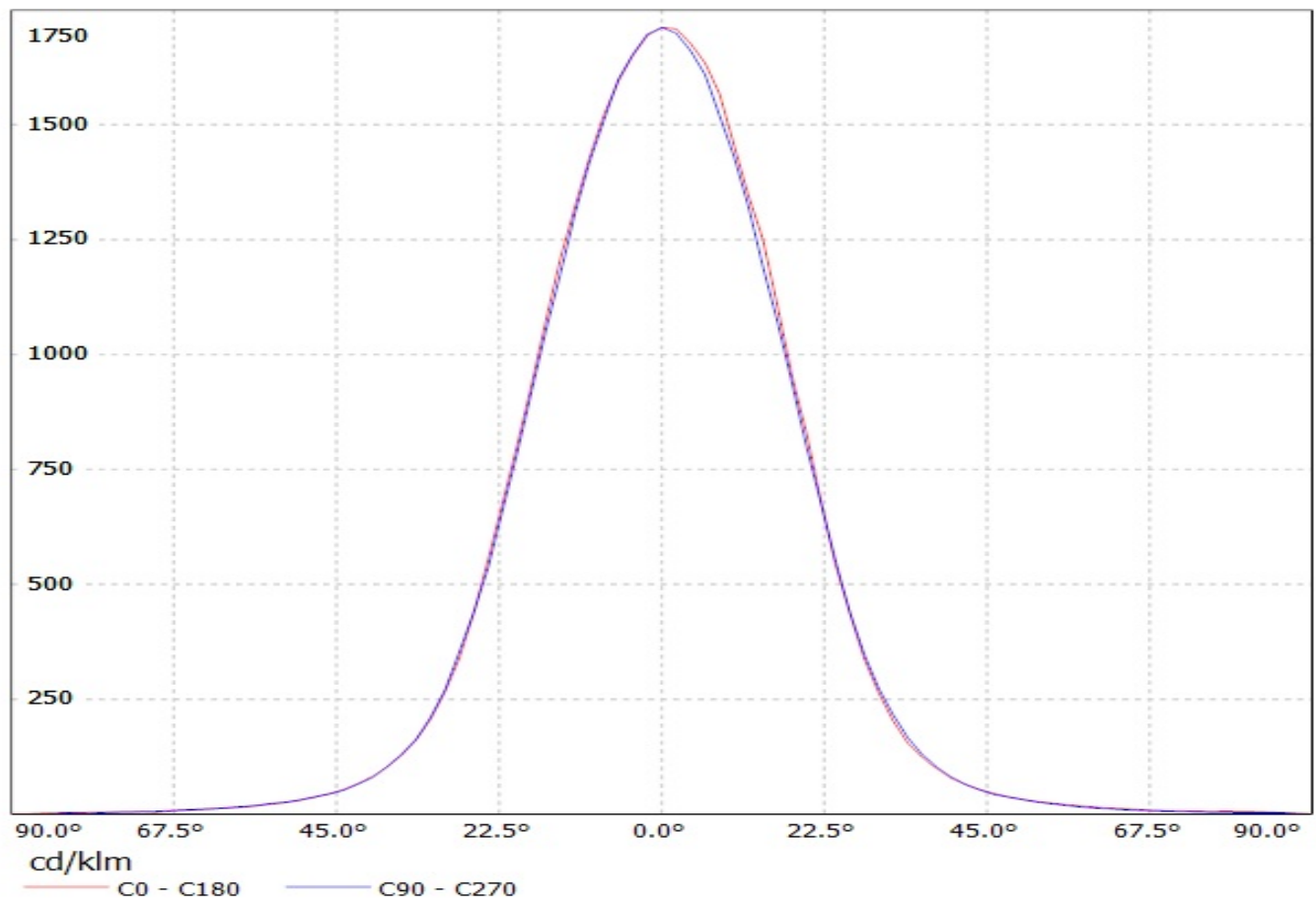


Ledil Oy C10756_Cute-3-W-XP-G C10756_Cute-3-W-XP-G / LDC (Linear)

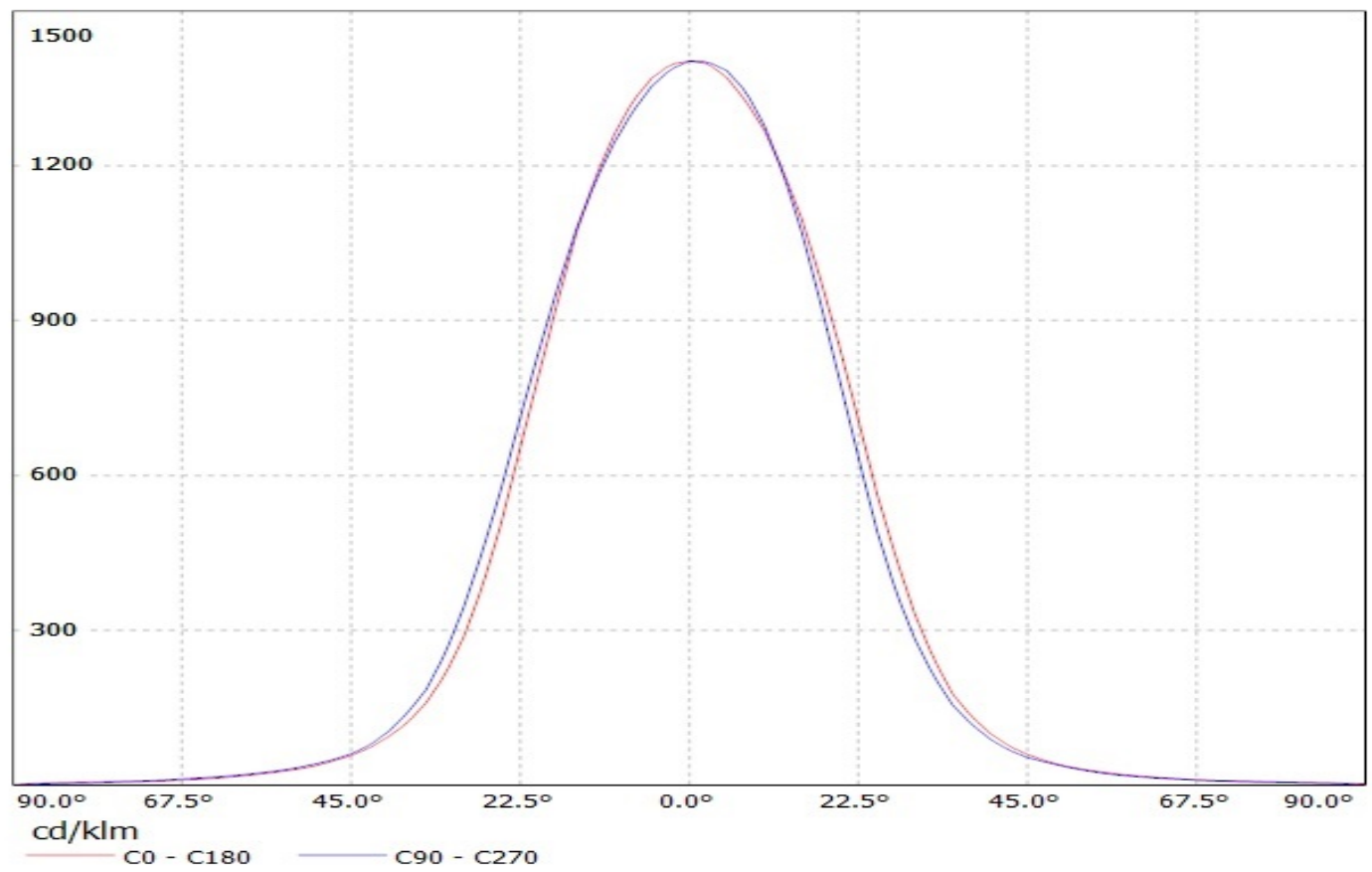
Luminaire: Ledil Oy C10756_Cute-3-W-XP-G C10756_Cute-3-W-XP-G
Lamps: 3 x Cree XP-G (White)



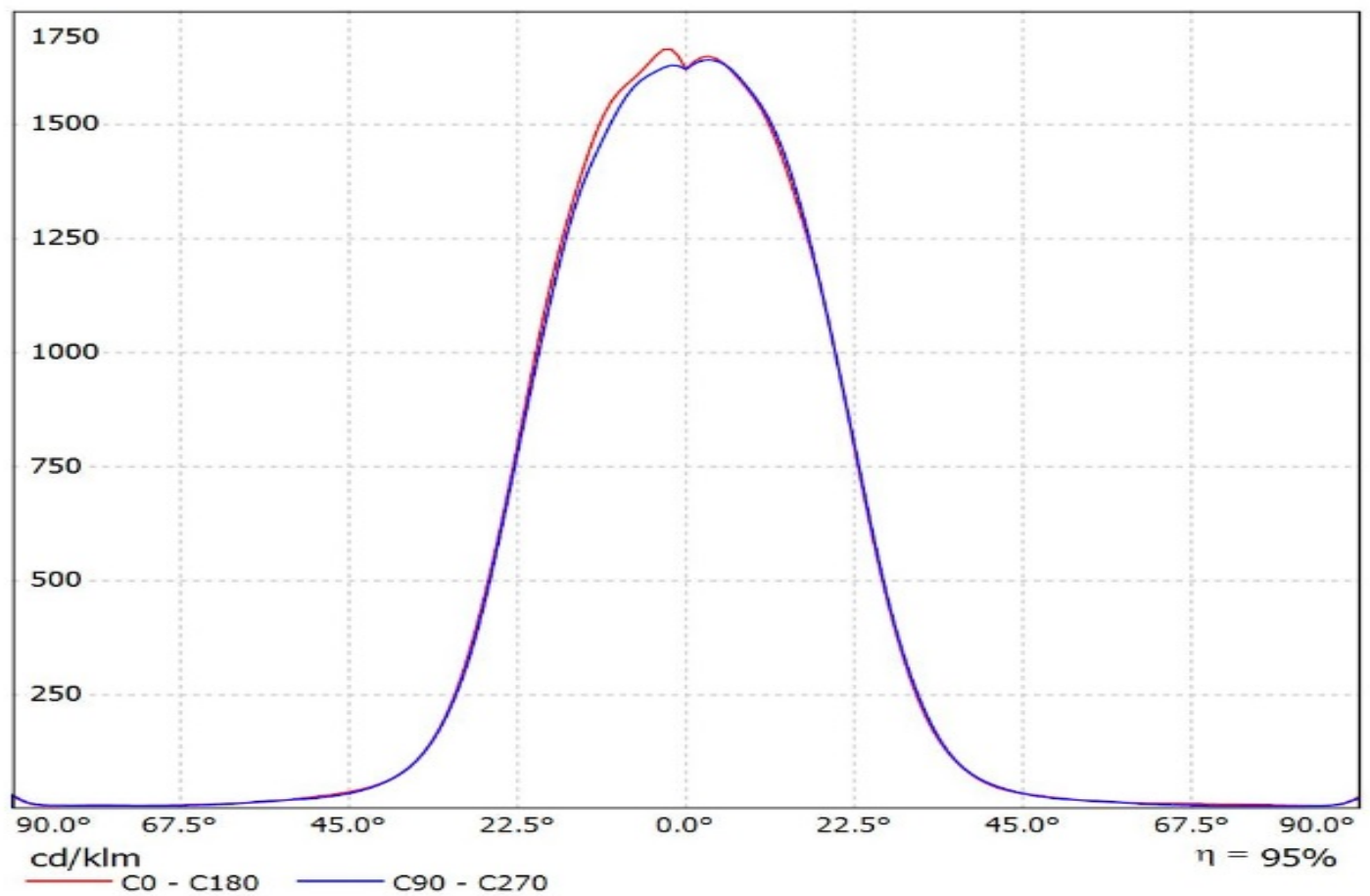
Luminaire: Ledil Oy C10756_CUTE-3-W_(XT-E) Efficiency=86%
Lamps: 1 x Cree XT-E 217lm @ 250mA CCT= P=2.25 I=250mA



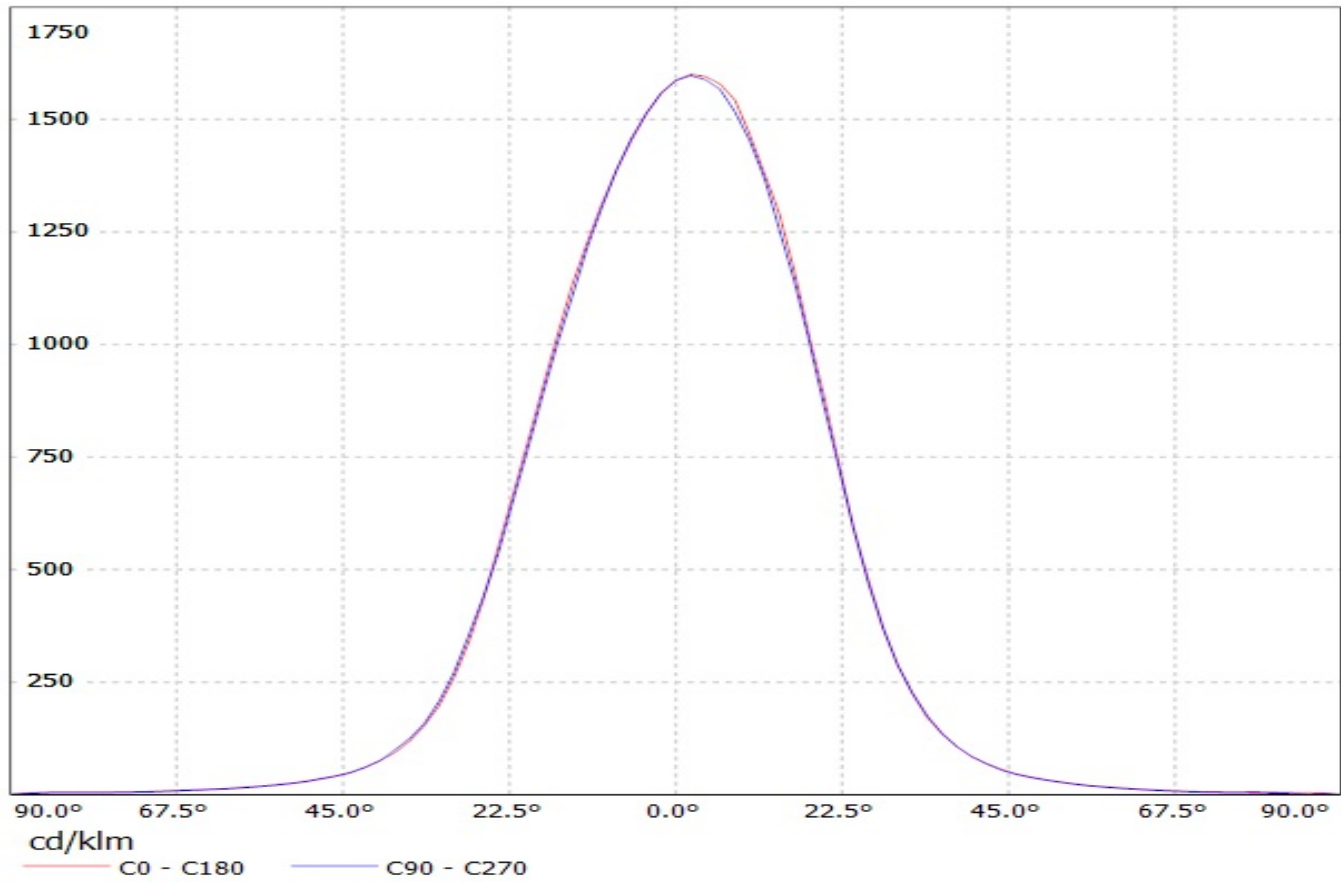
Luminaire: LEDil Oy C10756_CUTE-3-W_(XM-L2) Efficiency=86%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 268lm @ 250mA CCT=3200K P=2.1W I=250mA



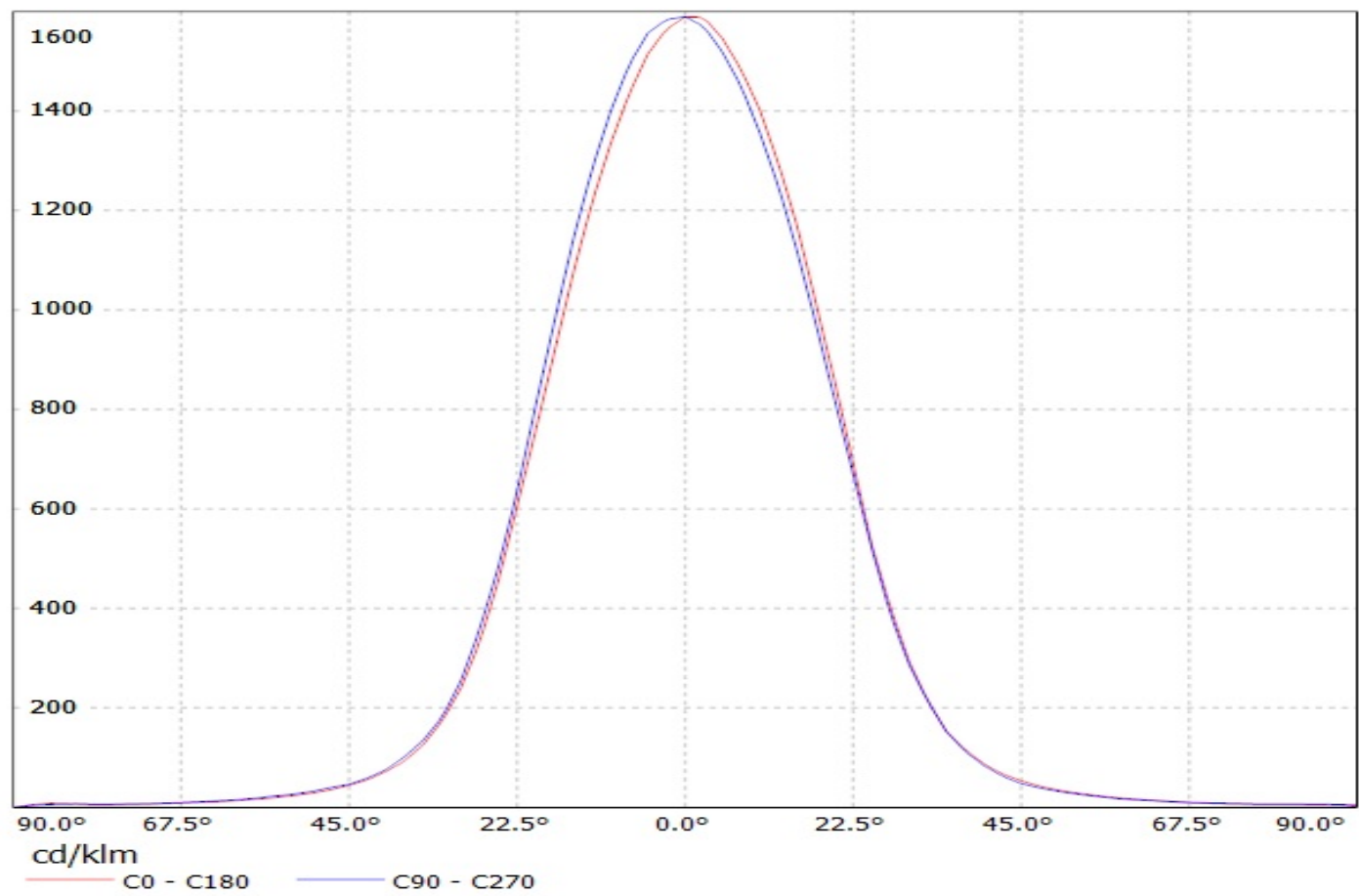
Luminaire: Ledil Oy C10756_CUTE-3-W_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



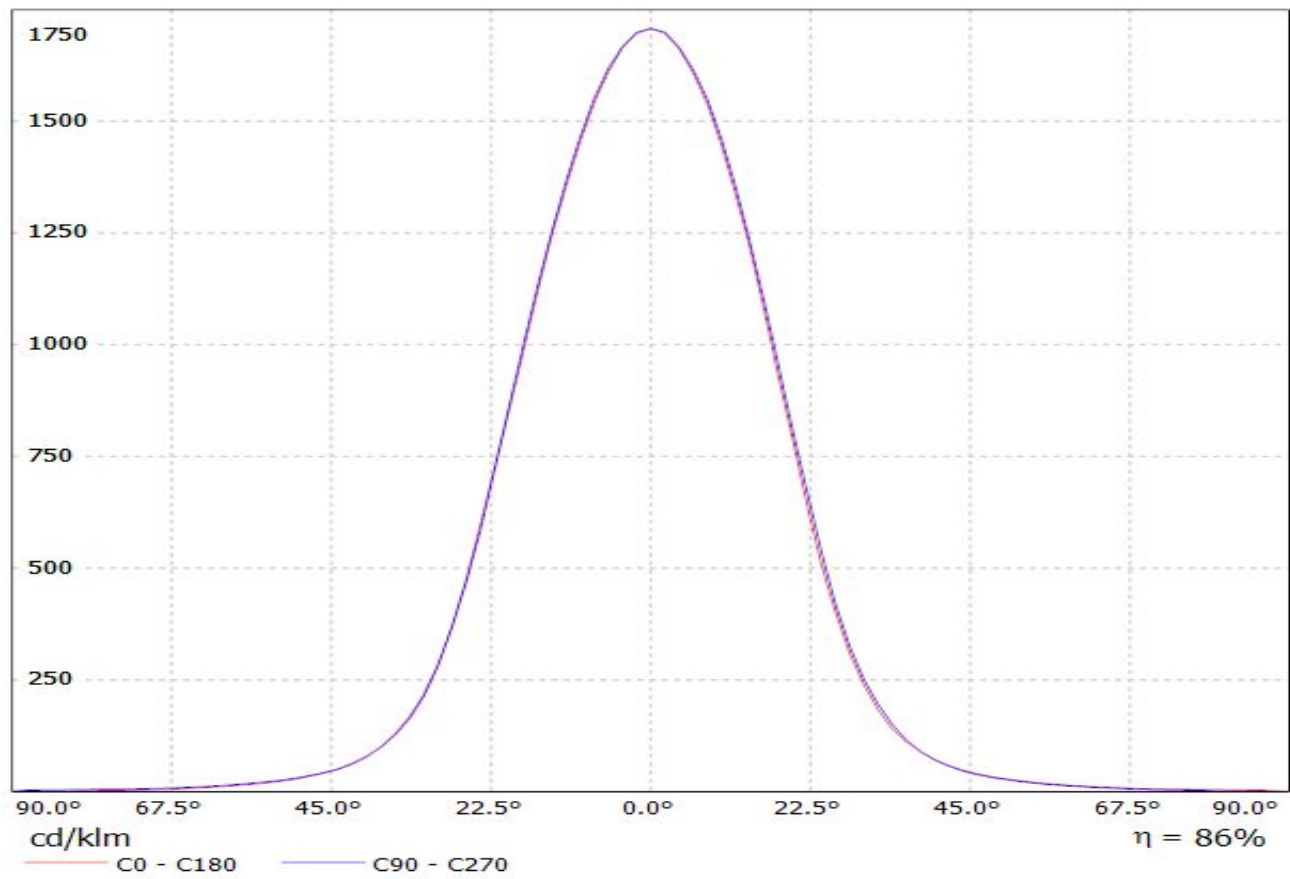
Luminaire: Ledil Oy C10756_CUTE-3-W_(3535_Ceramic_gen2) Efficiency=85%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 343lm @ 250mA CCT=6100K P=2.2W I=250mA



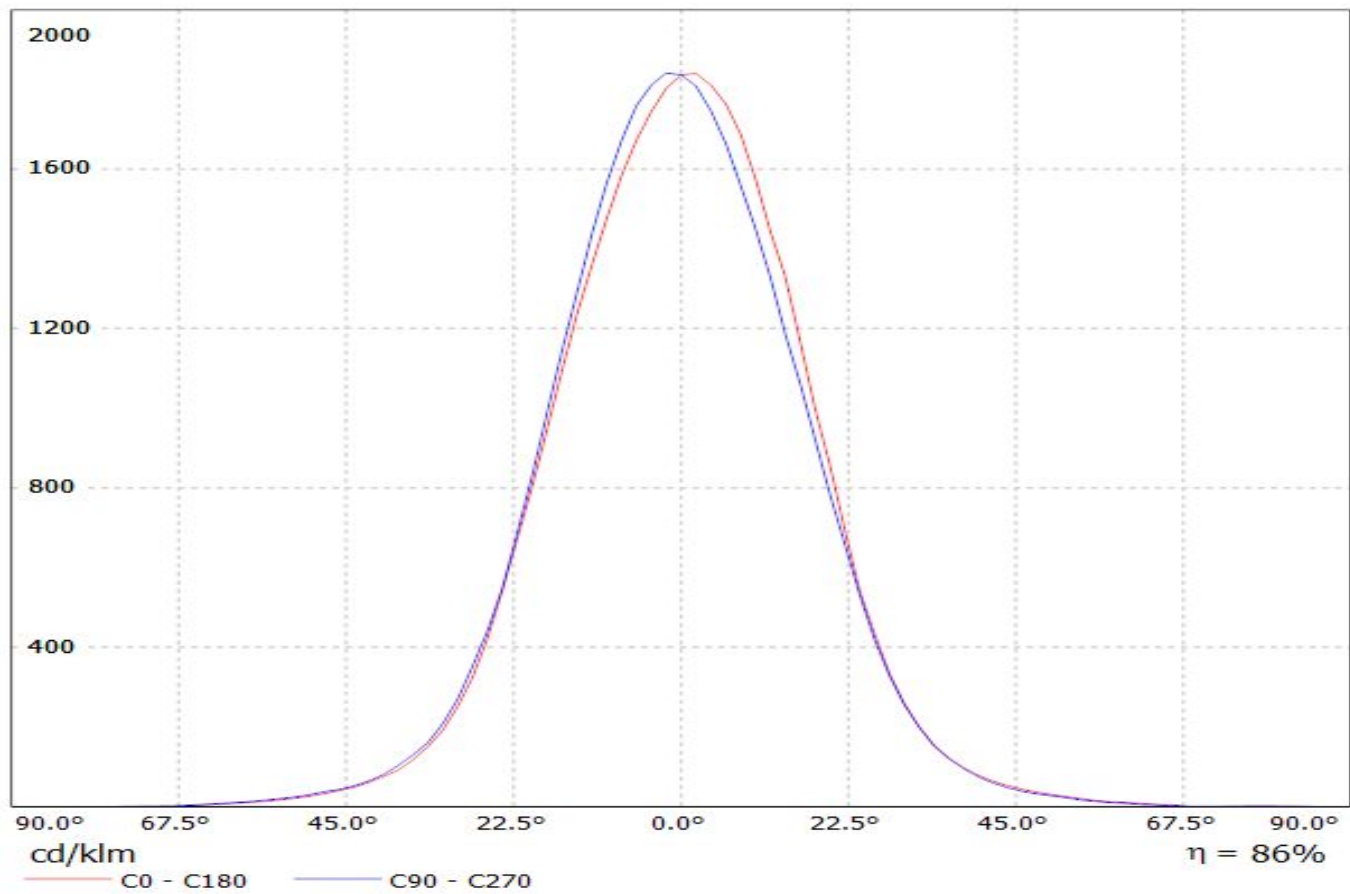
Luminaire: Ledil Oy C10756_Cute-3-W (Luxeon T 217lm @ 250mA) Efficiency=86%
Lamps: 1 x Luxeon T 217lm @ 250mA



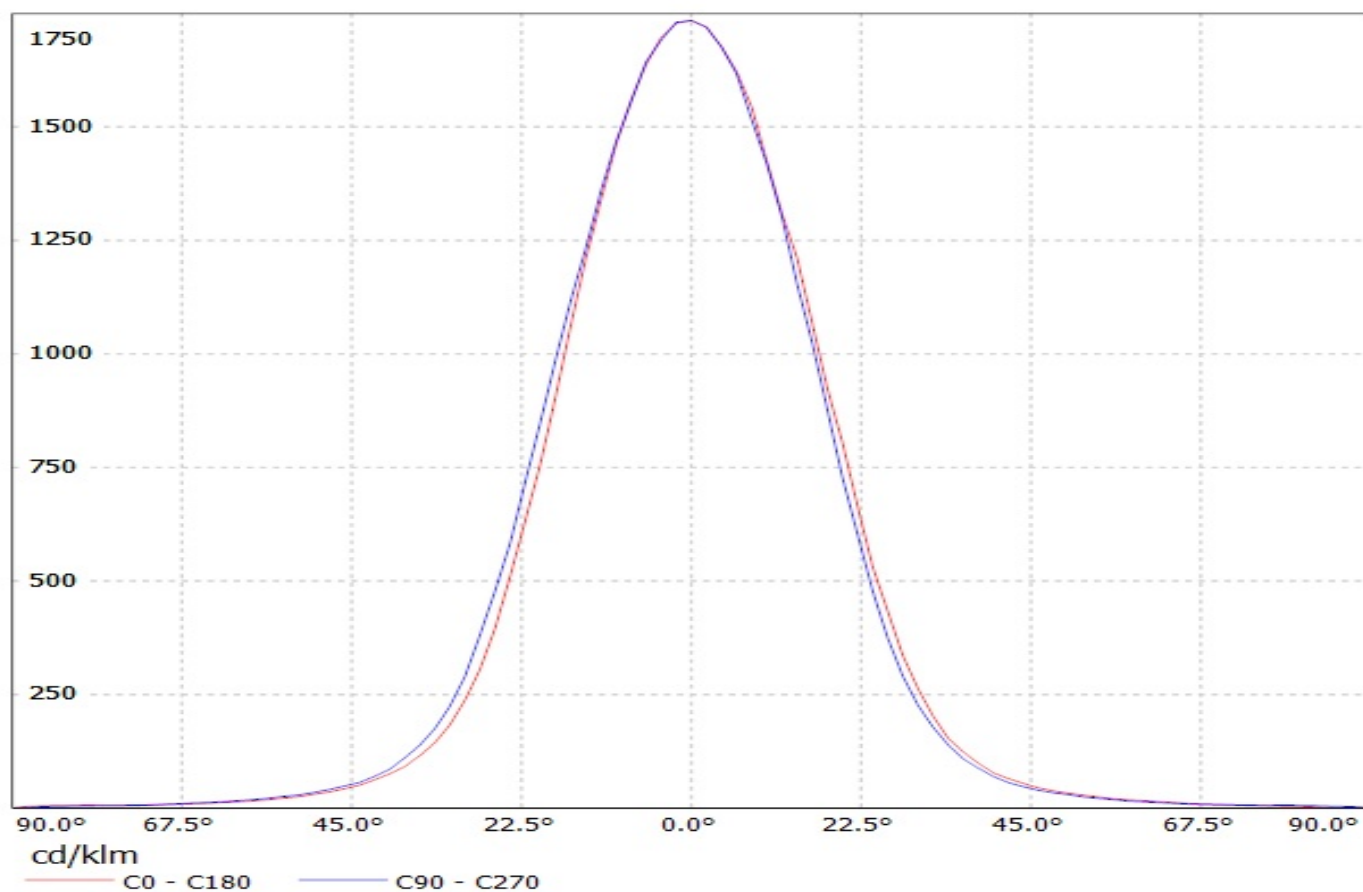
Luminaire: Ledil Oy C10756_CUTE-3-W_(Luxeon_TX) Efficiency=85%
Lamps: 1 x Luxeon TX (L1T2-3585) 240lm @ 250mA CCT= P=2.09W I=250mA



Luminaire: LEDiL Oy C10756_CUTE-3-W Eff. 85%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 256lm @ 250mA CCT=3000K P=2.3W I=250mA



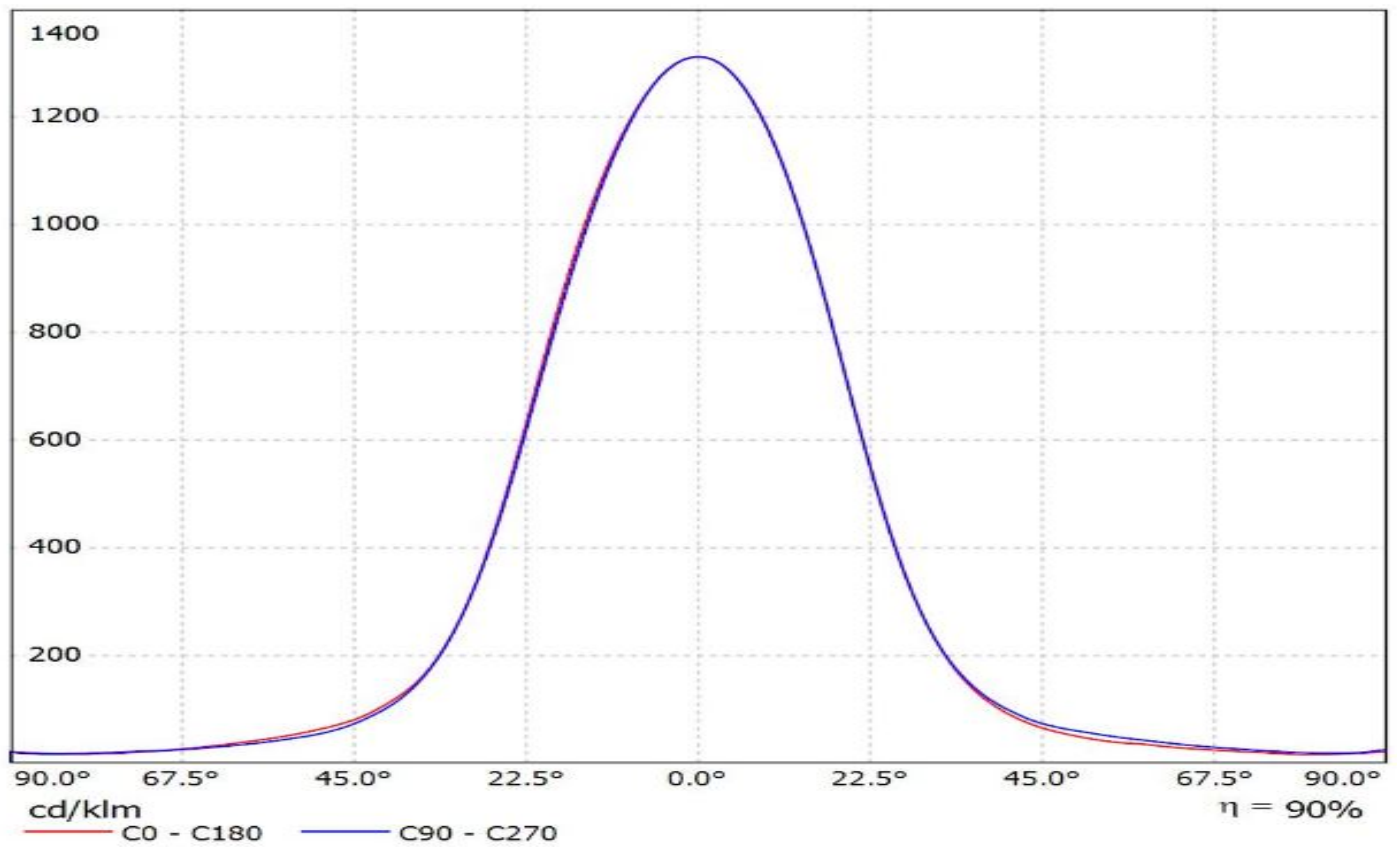
Luminaire: LEDIL Oy C10756_Cute-3-W_(Z5M1) Efficiency=84%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 286lm @ 250mA CCT=4500K P=2.2W I=250mA



Ledil C10756_CUTE-3-W_(TL1L3) / LDC (Linear)

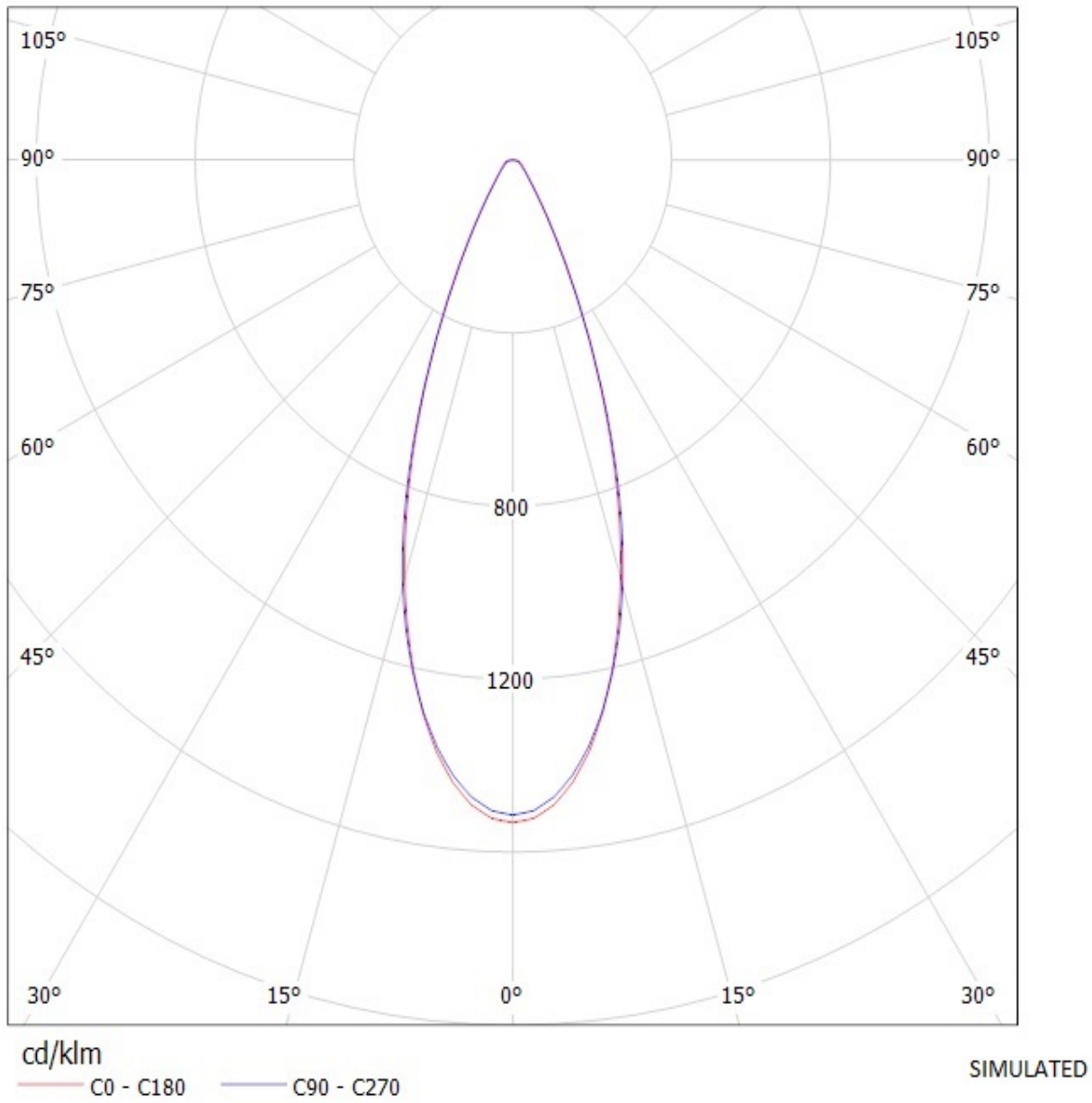
Luminaire: Ledil C10756_CUTE-3-W_(TL1L3)

Lamps: 1 x Toshiba_TL1L3_cute3_270.4lm@250mA_P=2.829W_I=0.25A



Ledil Oy C10756_Cute-3-W-XP C10756_Cute-3-W-XP / LDC (Polar)

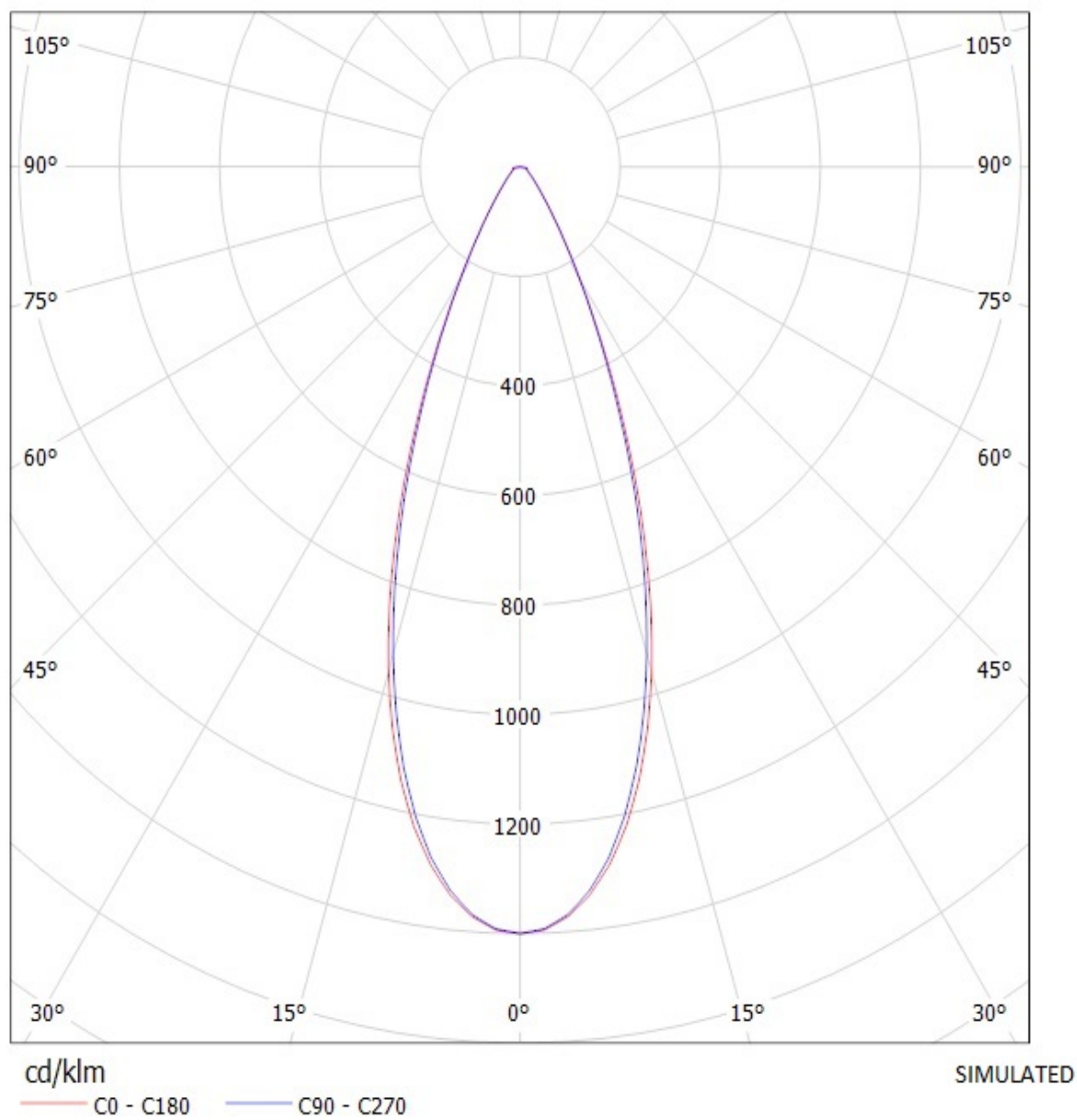
Luminaire: Ledil Oy C10756_Cute-3-W-XP C10756_Cute-3-W-XP
Lamps: 3 x Cree XP-E (White)



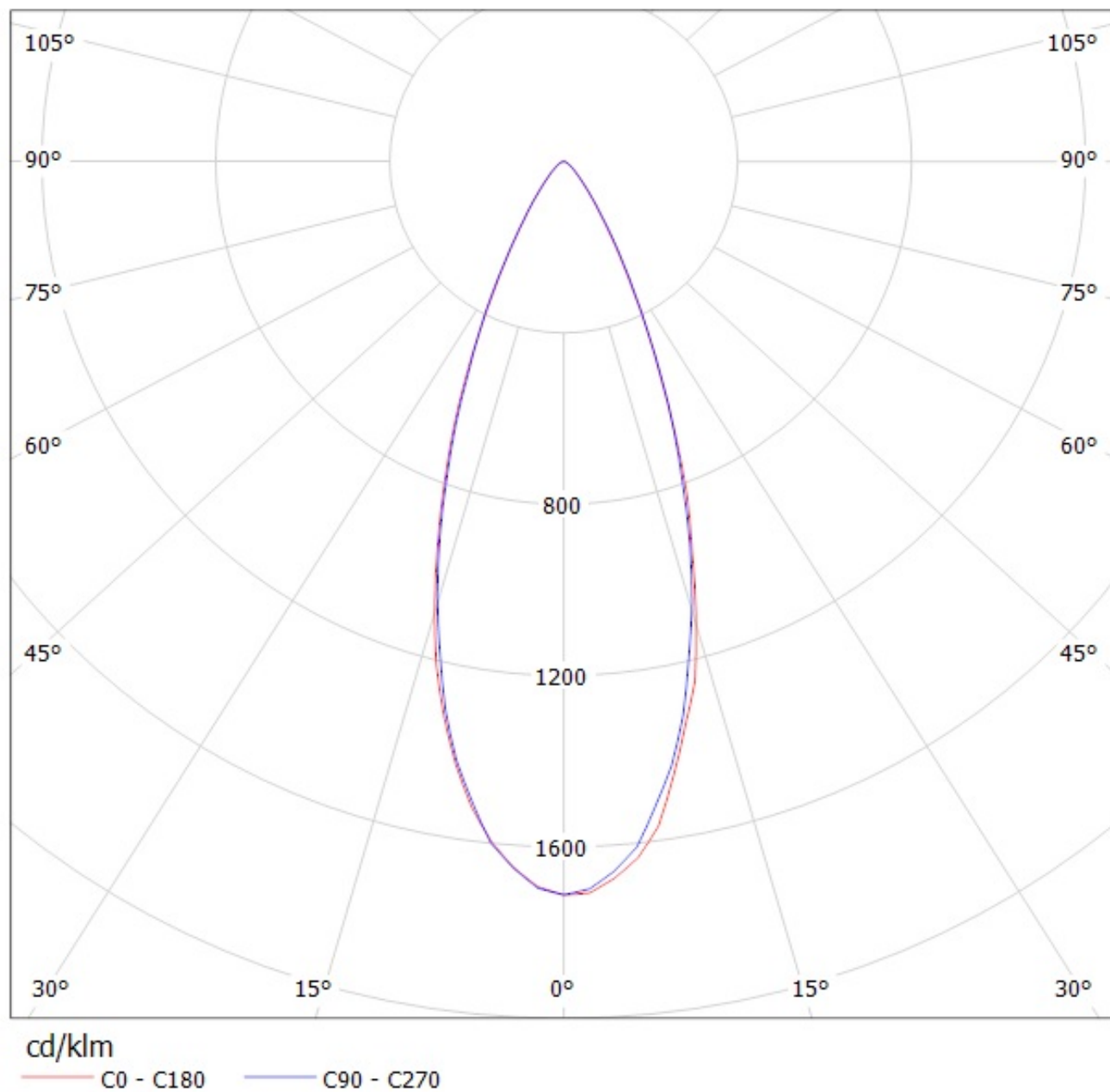
Ledil Oy C10756_Cute-3-W-XP-G C10756_Cute-3-W-XP-G / LDC (Polar)

Luminaire: Ledil Oy C10756_Cute-3-W-XP-G C10756_Cute-3-W-XP-G

Lamps: 3 x Cree XP-G (White)

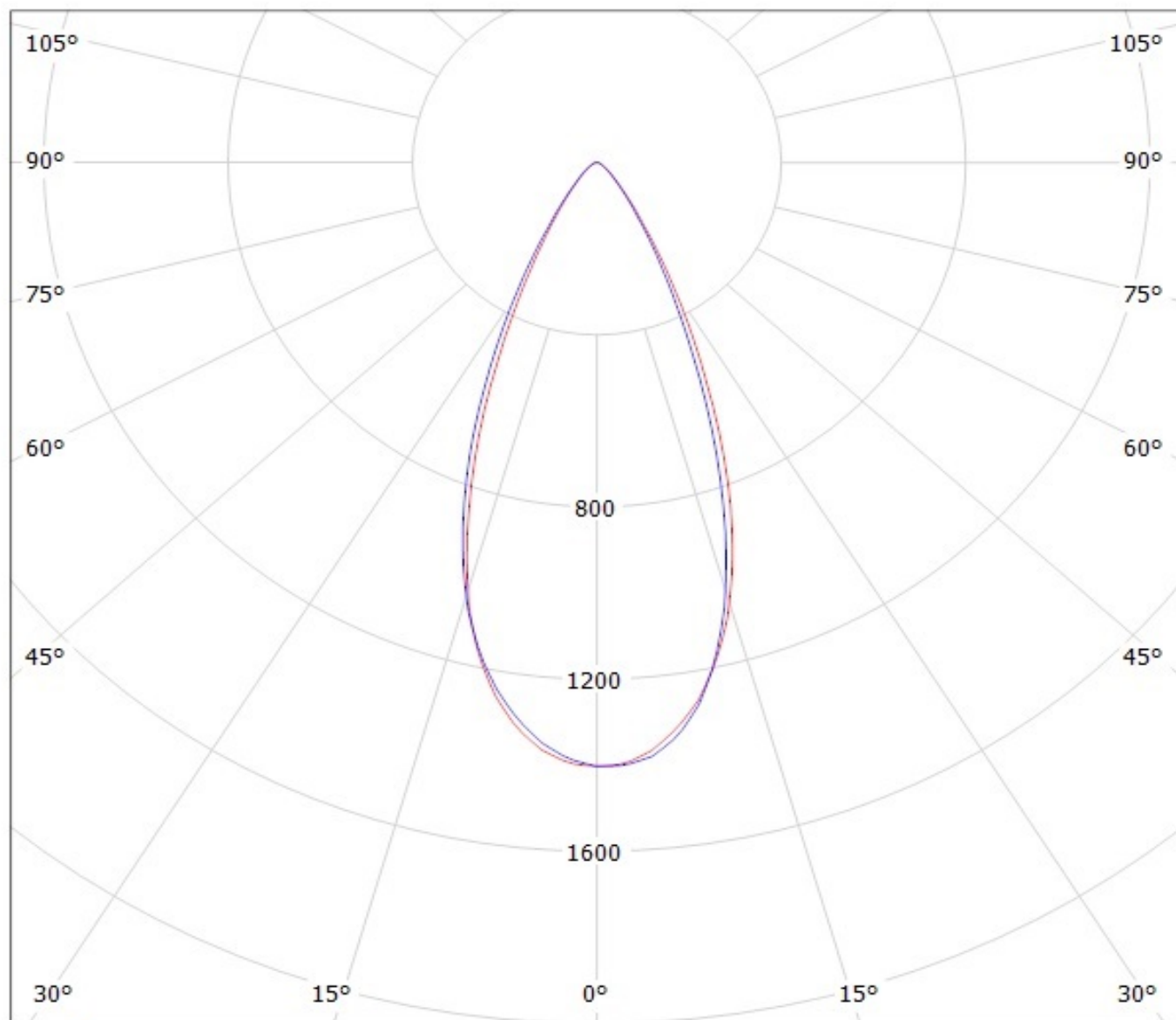


Luminaire: Ledil Oy C10756_CUTE-3-W_(XT-E) Efficiency=86%
Lamps: 1 x Cree XT-E 217lm @ 250mA CCT= P=2.25 I=250mA



Luminaire: LEDil Oy C10756_CUTE-3-W_(XM-L2) Efficiency=86%

Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 268lm @ 250mA CCT=3200K P=2.1W I=250mA



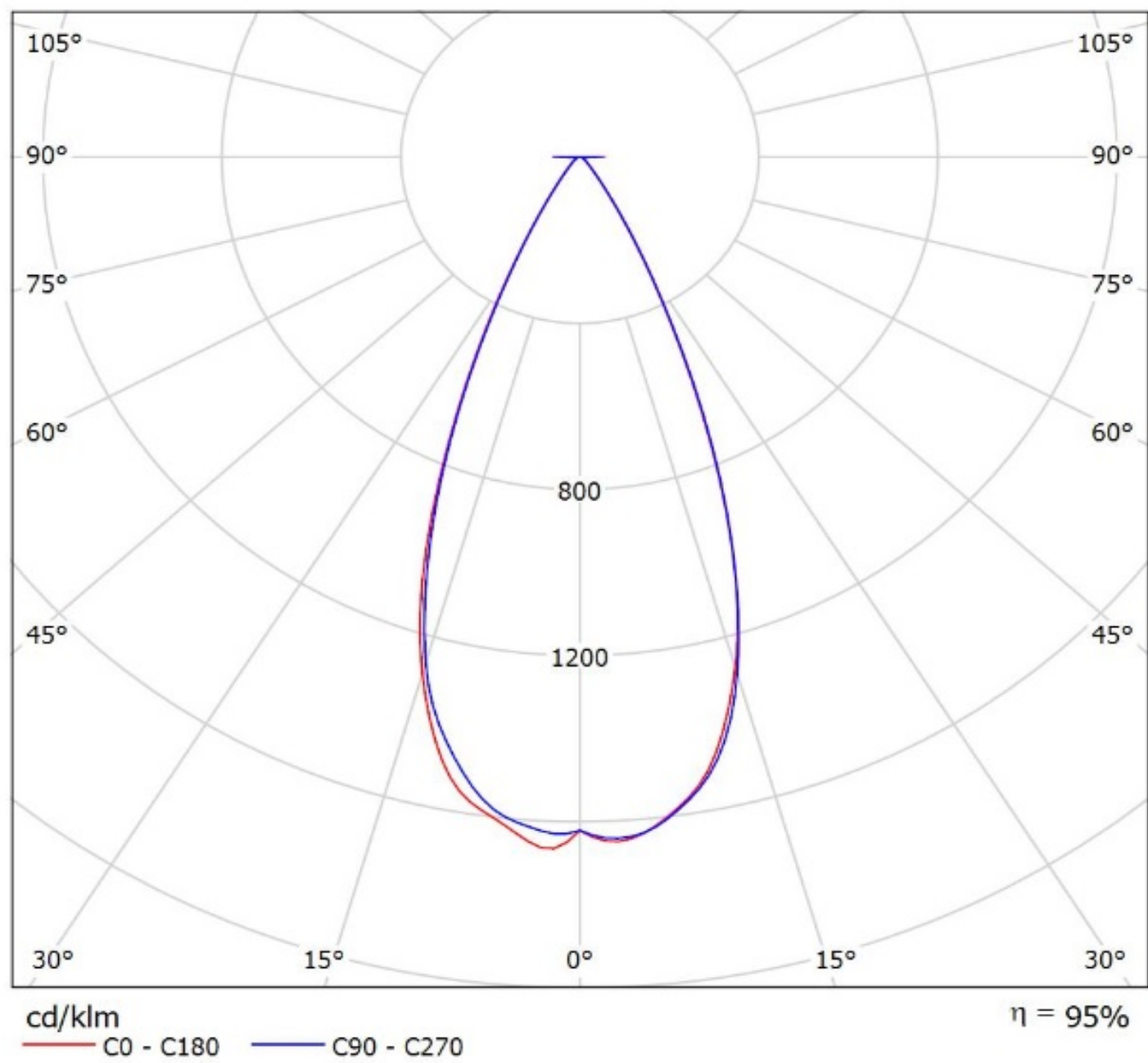
cd/klm

— C0 - C180

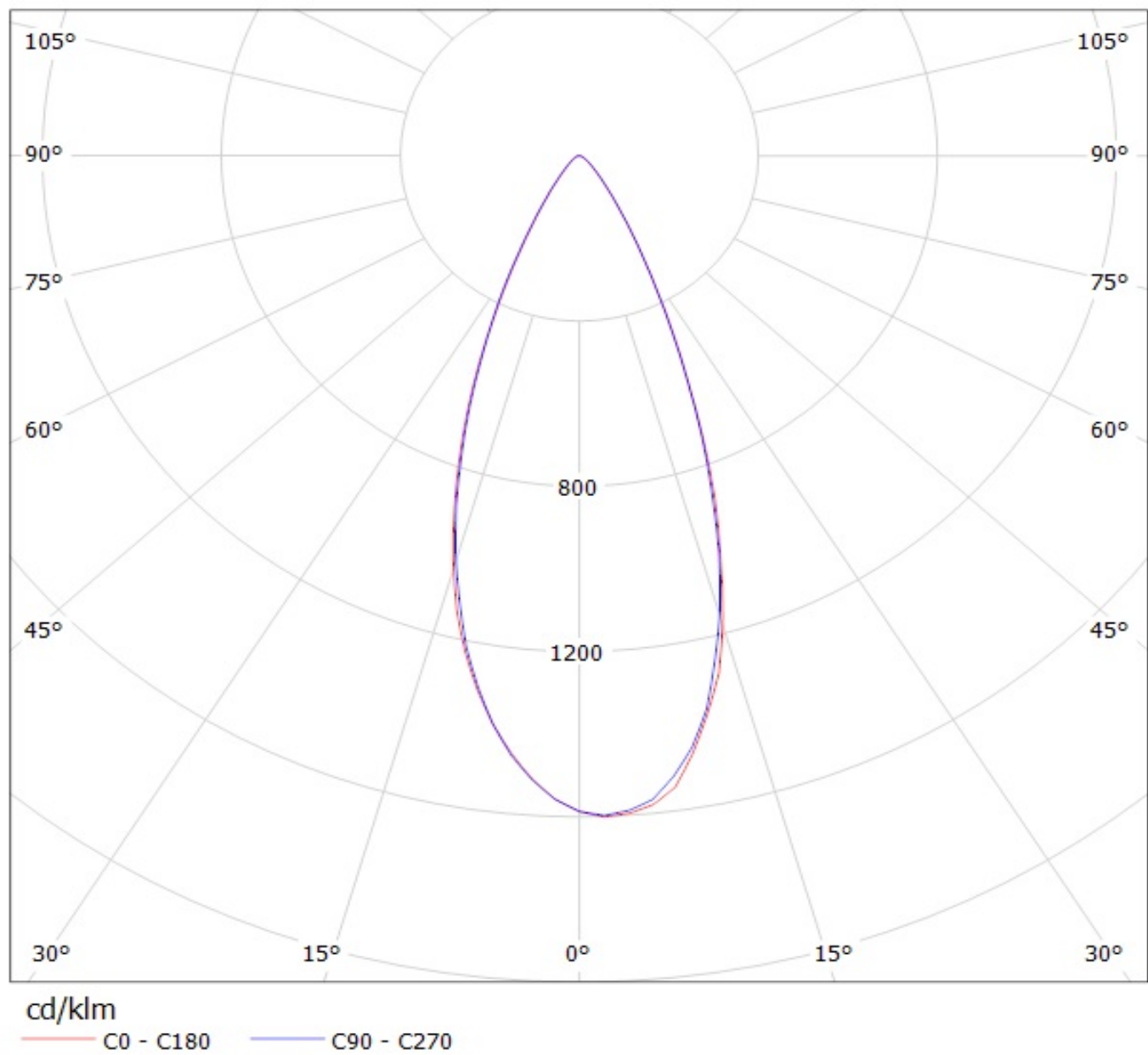
— C90 - C270

Luminaire: Ledil Oy C10756_CUTE-3-W_(XP-G3)_SIMULATED

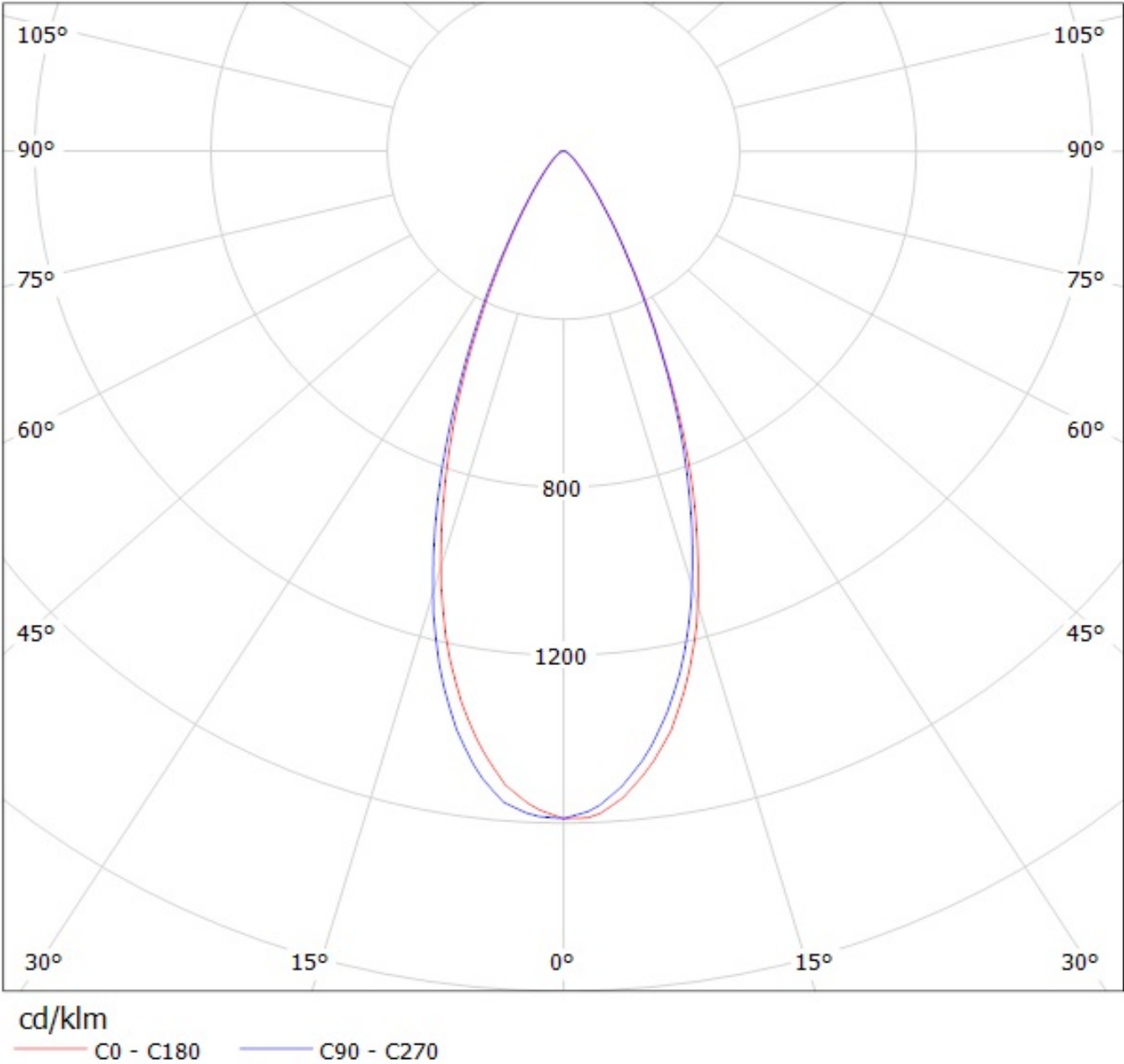
Lamps: 1 x Cree XP-G3



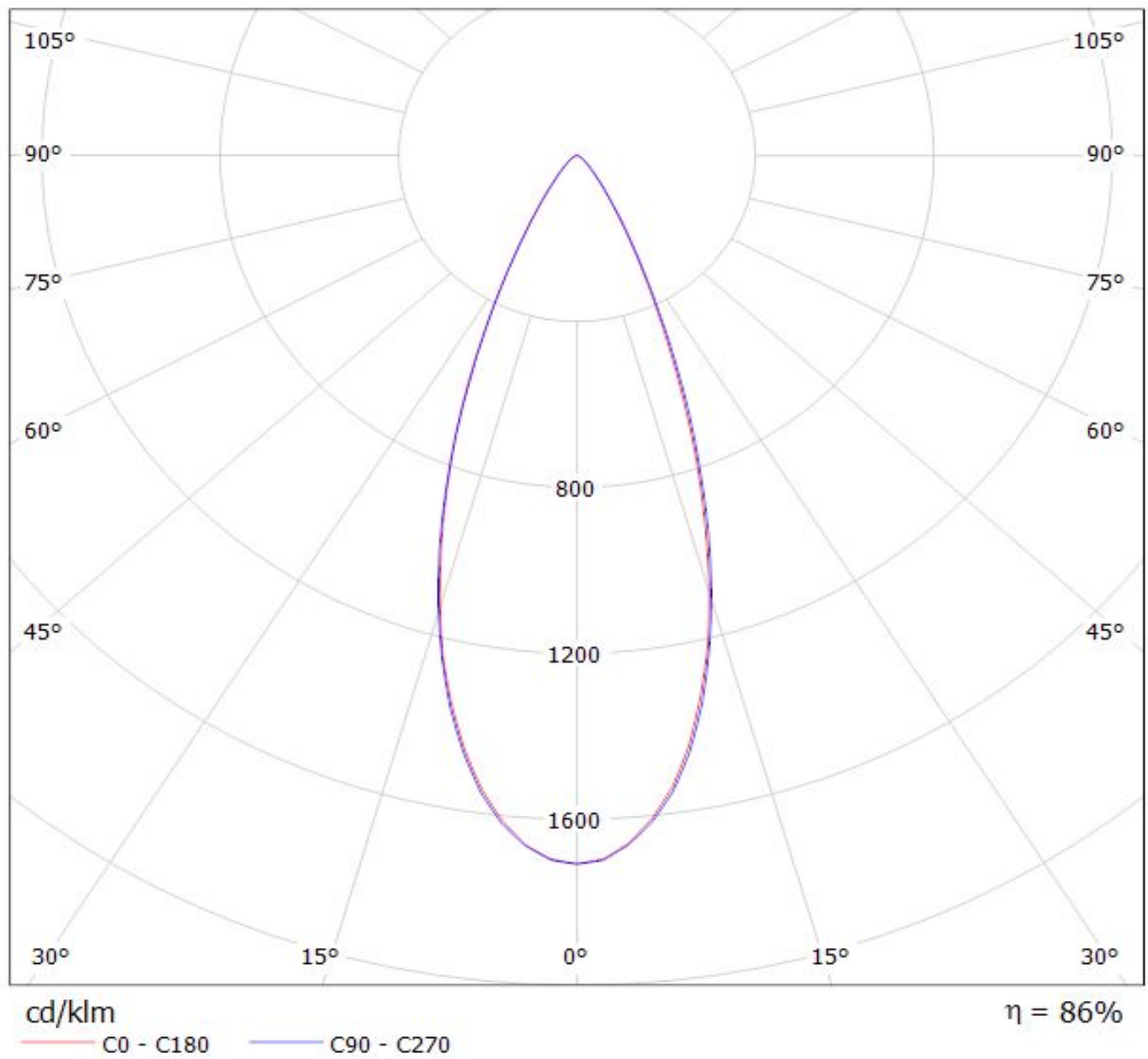
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Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 343lm @ 250mA CCT=6100K P=2.2W I=250mA



Luminaire: Ledil Oy C10756_Cute-3-W (Luxeon T 217lm @ 250mA) Efficiency=86%
Lamps: 1 x Luxeon T 217lm @ 250mA

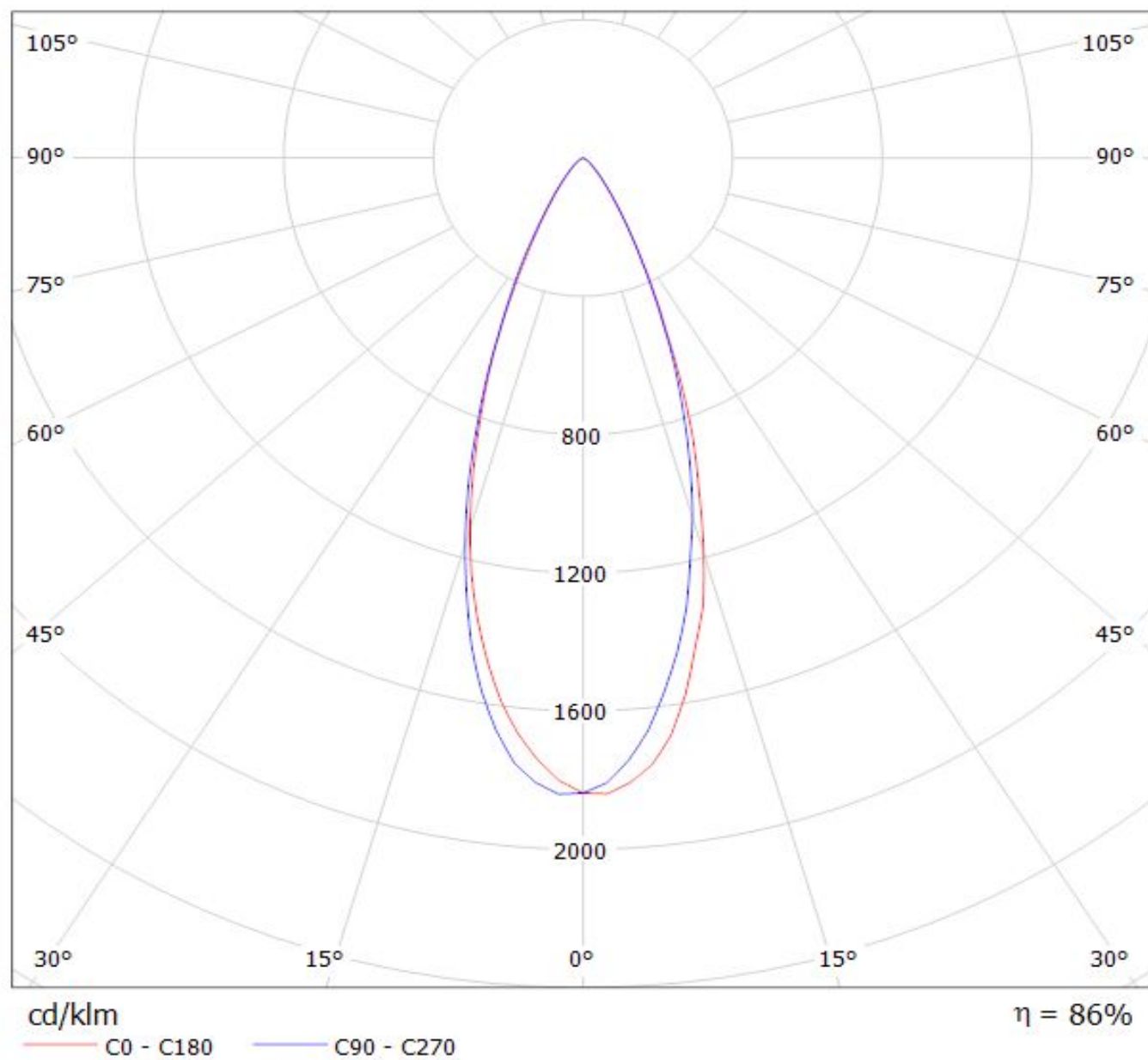


Lamps: 1 x Luxeon TX (L1T2-3585) 240lm @ 250mA CCT= P=2.09W I=250mA

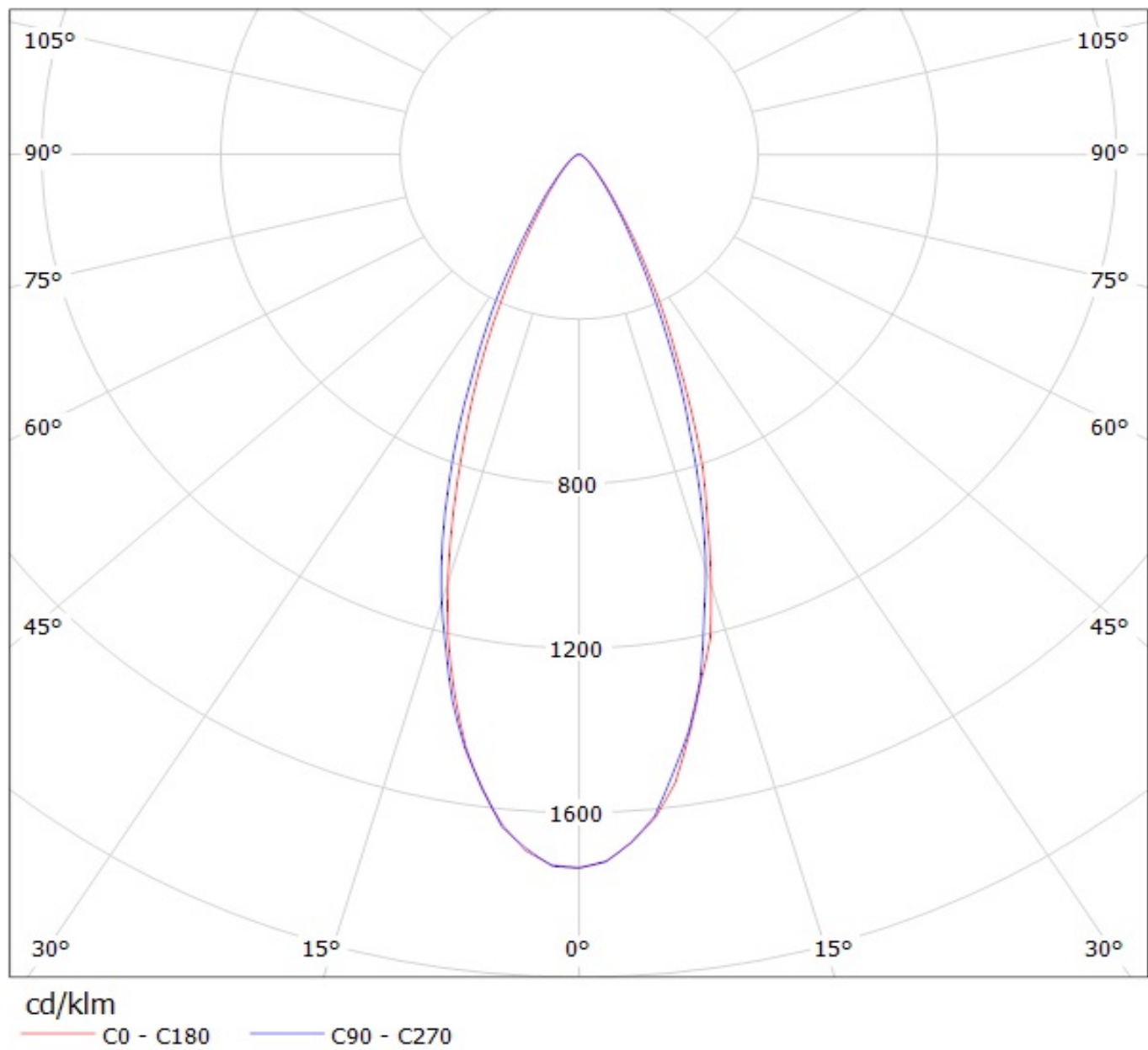


Luminaire: LEDiL Oy C10756_CUTE-3-W Eff. 85%

Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 256lm @ 250mA CCT=3000K P=2.3W I=250mA



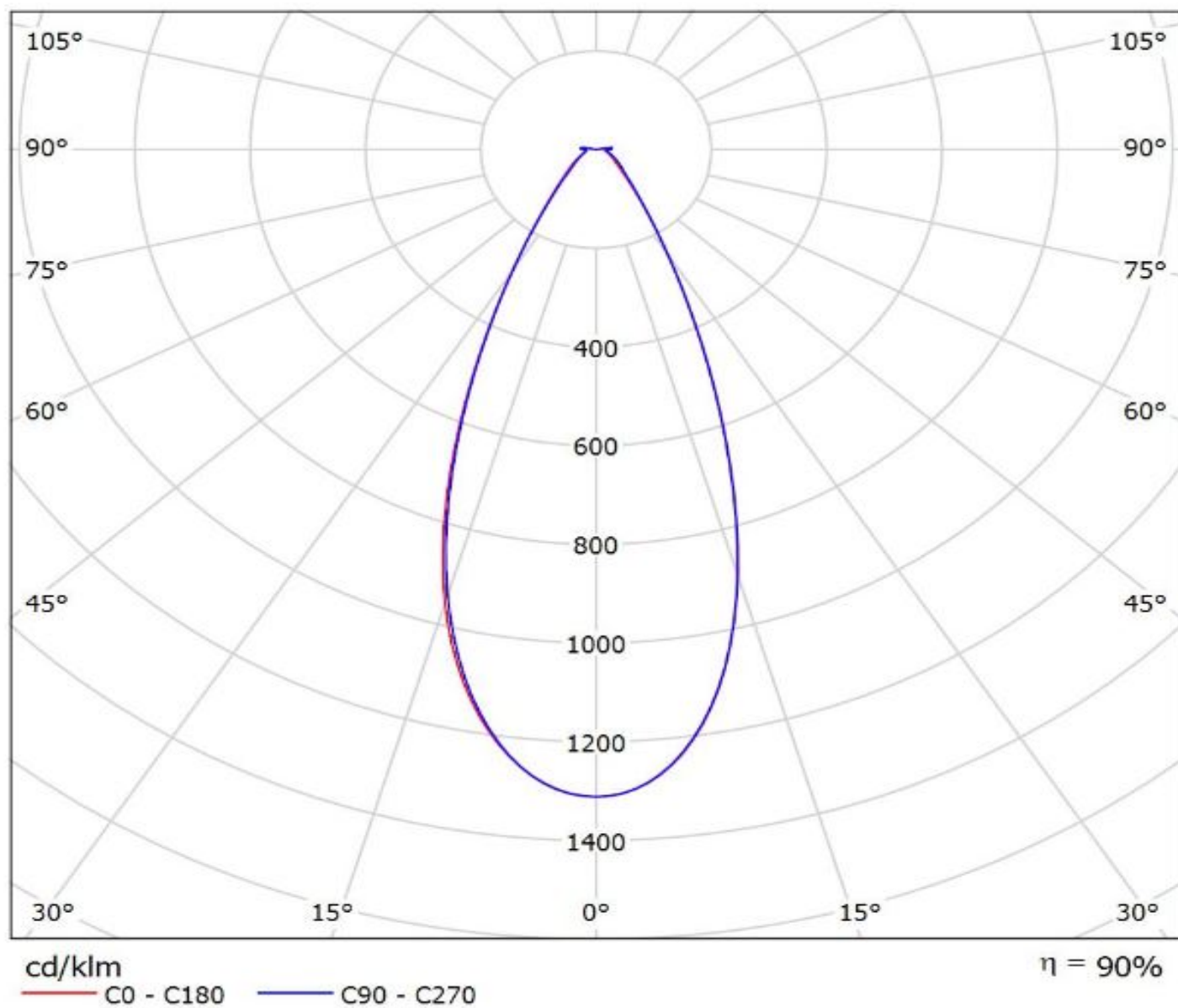
Luminaire: LEDIL Oy C10756_Cute-3-W_(Z5M1) Efficiency=84%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 286lm @ 250mA CCT=4500K P=2.2W I=250mA



Ledil C10756_CUTE-3-W_(TL1L3) / LDC (Polar)

Luminaire: Ledil C10756_CUTE-3-W_(TL1L3)

Lamps: 1 x Toshiba_TL1L3_cute3_270.4lm@250mA_P=2.829W_I=0.25A



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.