

DETAILS

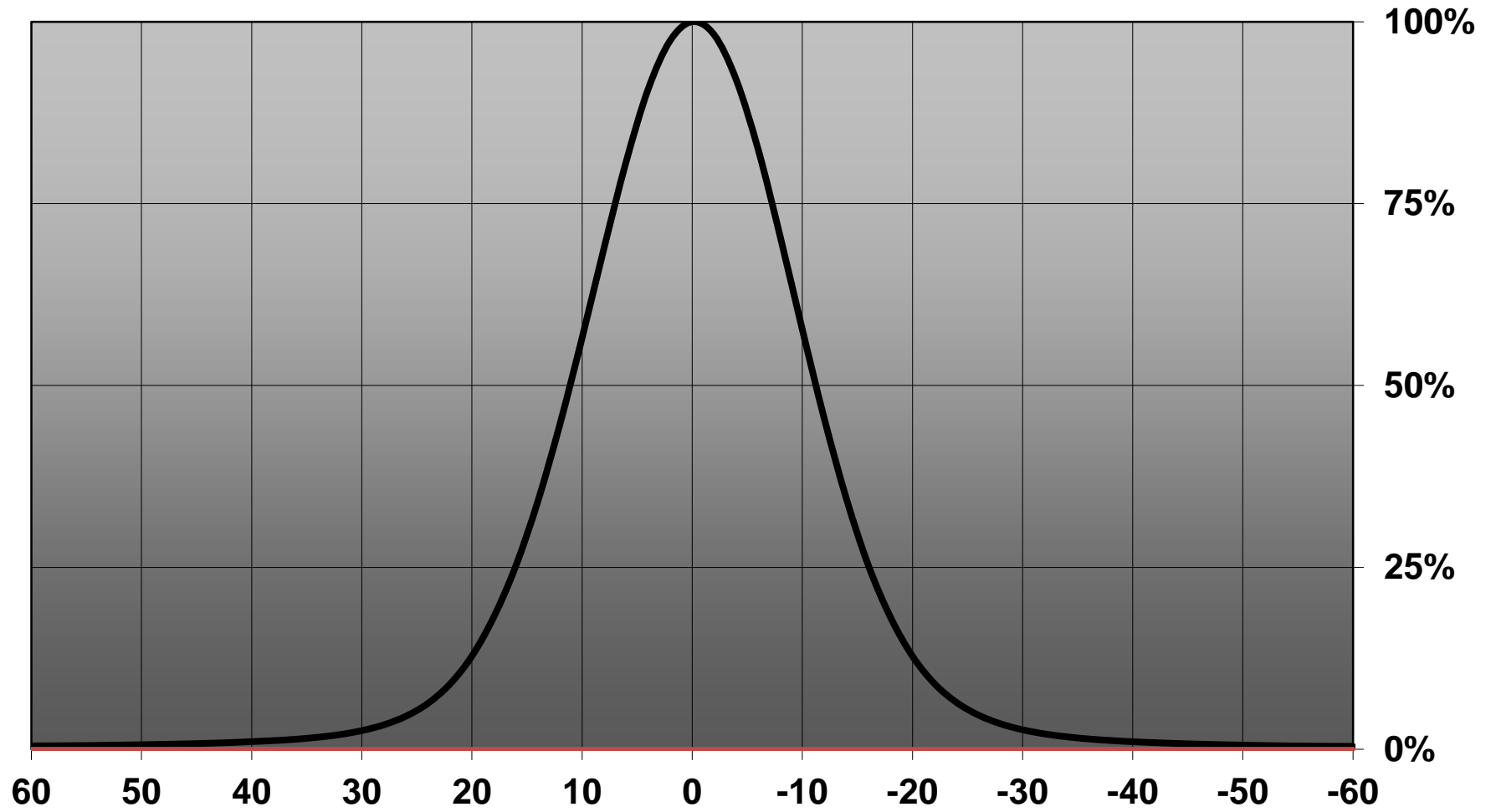
Product Number	C10755_CUTE-3-M
Family	Cute
Type	Lens array
Color	clear
Diameter	35 mm
Height	15 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	production ready
ROHS Compliant	Yes
Date Updated	7/03/2014



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XM-L HVW	sim: 33	Medium	84 %	-	-
XT-E HVW	sim: 30	Medium	83 %	-	-
XP-E	22 deg	Medium	92 %	4.710	-
Z5	22 deg	Medium	-	-	-
XP-G2	22 deg	Medium	88 %	4.400	-
LUXEON Rebel	23 deg	Medium	88 %	4.290	-
Oslo SSL 80	23 deg	Medium	89 %	4.070	-
XP-G	23 deg	Medium	92 %	4.040	-
XT-E	23 deg	Medium	85 %	3.900	-
NVSxx19A	24 deg	Medium	89 %	-	-
LUXEON Rebel ES	24 deg	Medium	88 %	-	-
LUXEON A	24 deg	Medium	88 %	-	-
Z5M1/Z5M2	24 deg	Medium	87 %	4.000	-
NCSxx19A	25 deg	Medium	89 %	-	-
XM-L	25 deg	Medium	90 %	3.510	-
H35C1 (LEMWA33)	25 deg	Medium	86 %	3.700	-
XM-L2	26 deg	Medium	89 %	3.500	-
C3535 (Internatix)	27 deg	Medium	80 %	-	-
Oslo Square EC	28 deg	Medium	-	2.210	-
Oslo SSL 150	31 deg	Medium	-	1.600	-

Relative intensity of C10755_CUTE-3-M-(XPG2)



D

C

B

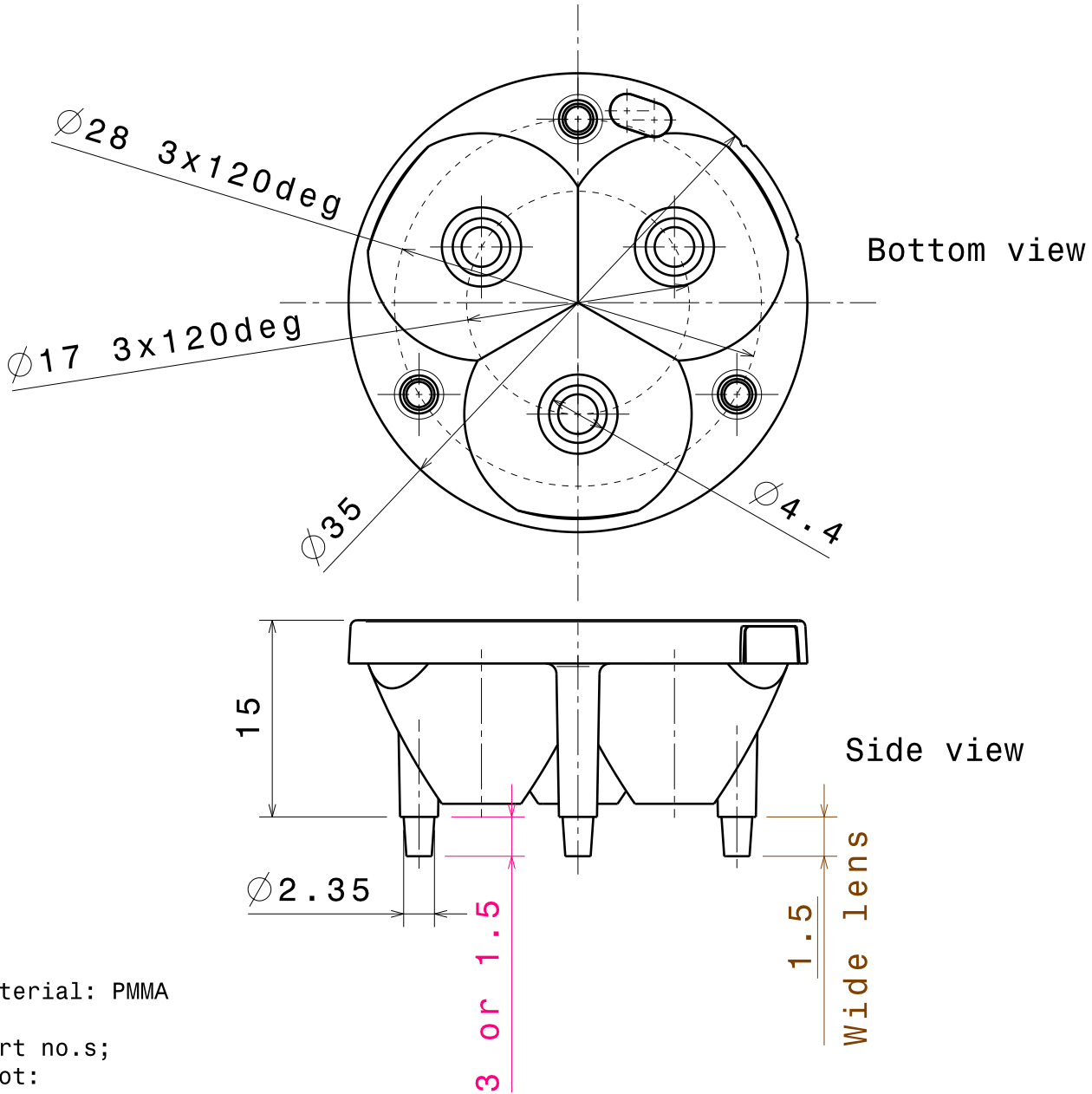
A

4

3

2

1



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 Oy
 Tehdaskatu 13
 FIN-24100 SALO
 Finland

DRAWING TITLE
Datasheet Cute-3 Lens Series

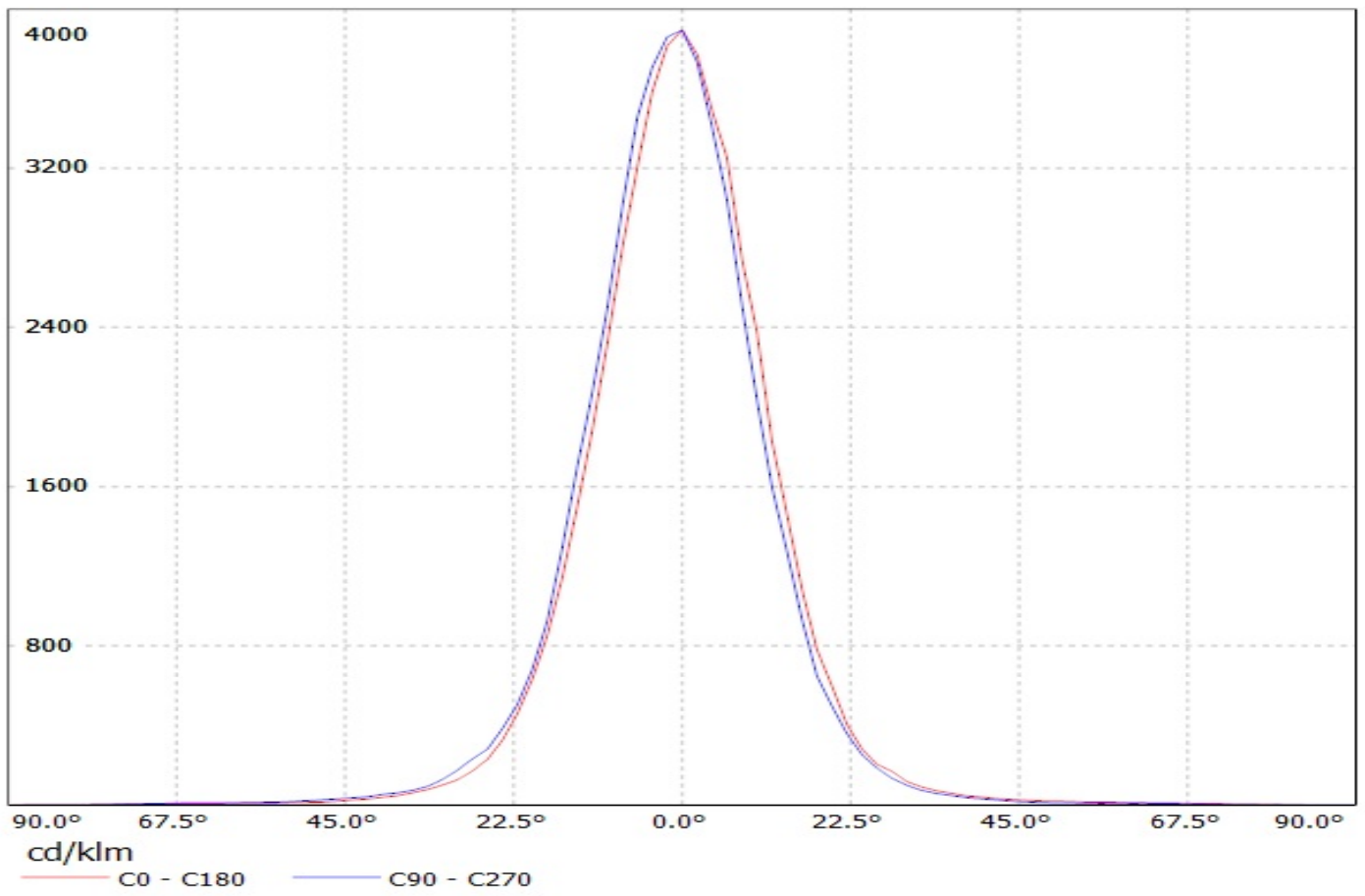
DRAWN BY pv	DATE 08.02.2010	SIZE A4			DRAWING NUMBER		REV 1
CHECKED BY TK	DATE 09.09.2008	SCALE 2:1		WEIGHT (g)		SHEET 1/1	
DESIGNED BY HH	DATE 09.09.2008						

D

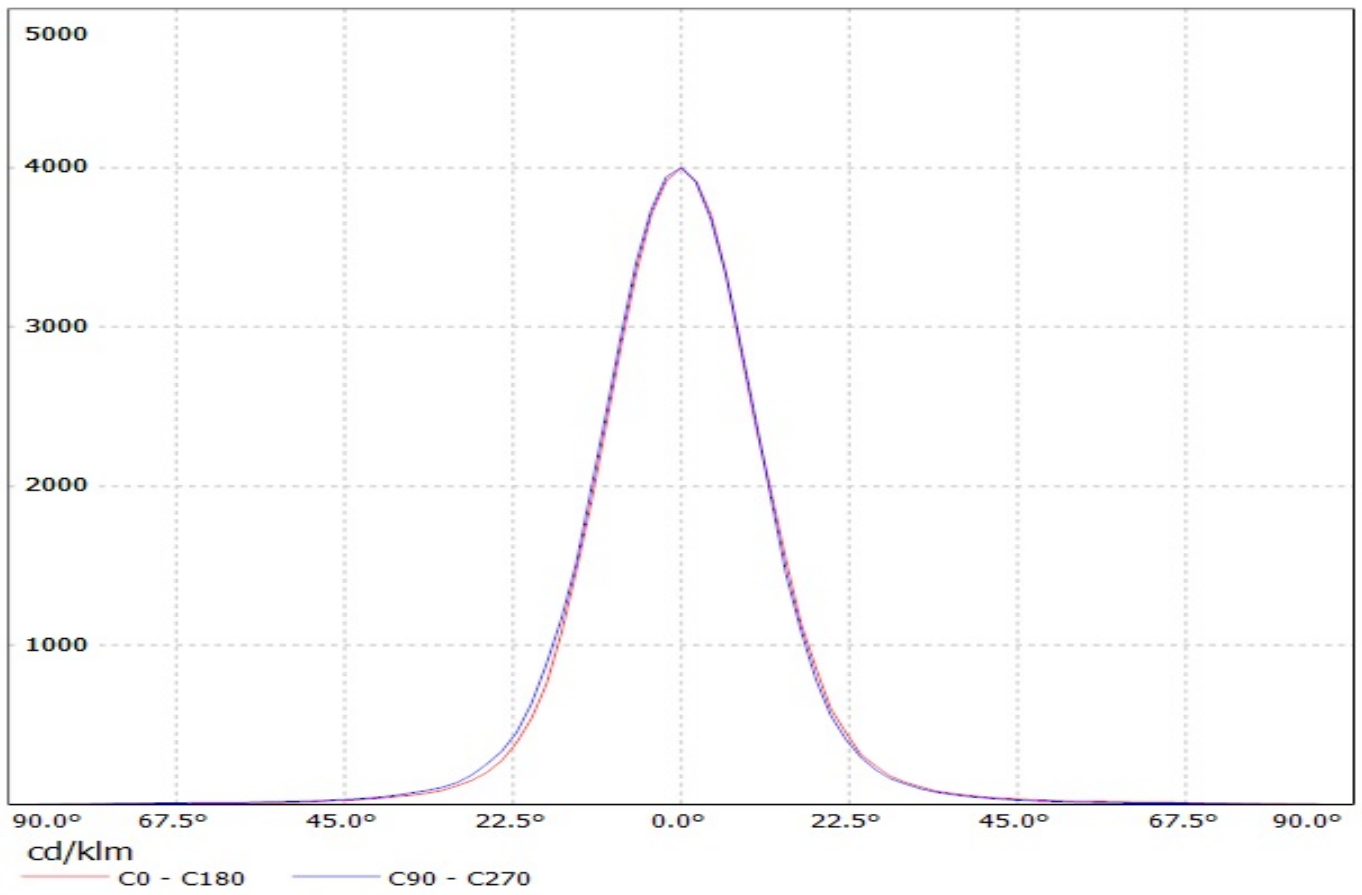
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1

Luminaire: Ledil Oy C10755_CUTE-3-M (Cree XT-E 208lm @ 250mA) Efficiency=85%
Lamps: 1 x Cree XT-E 208lm @ 250mA

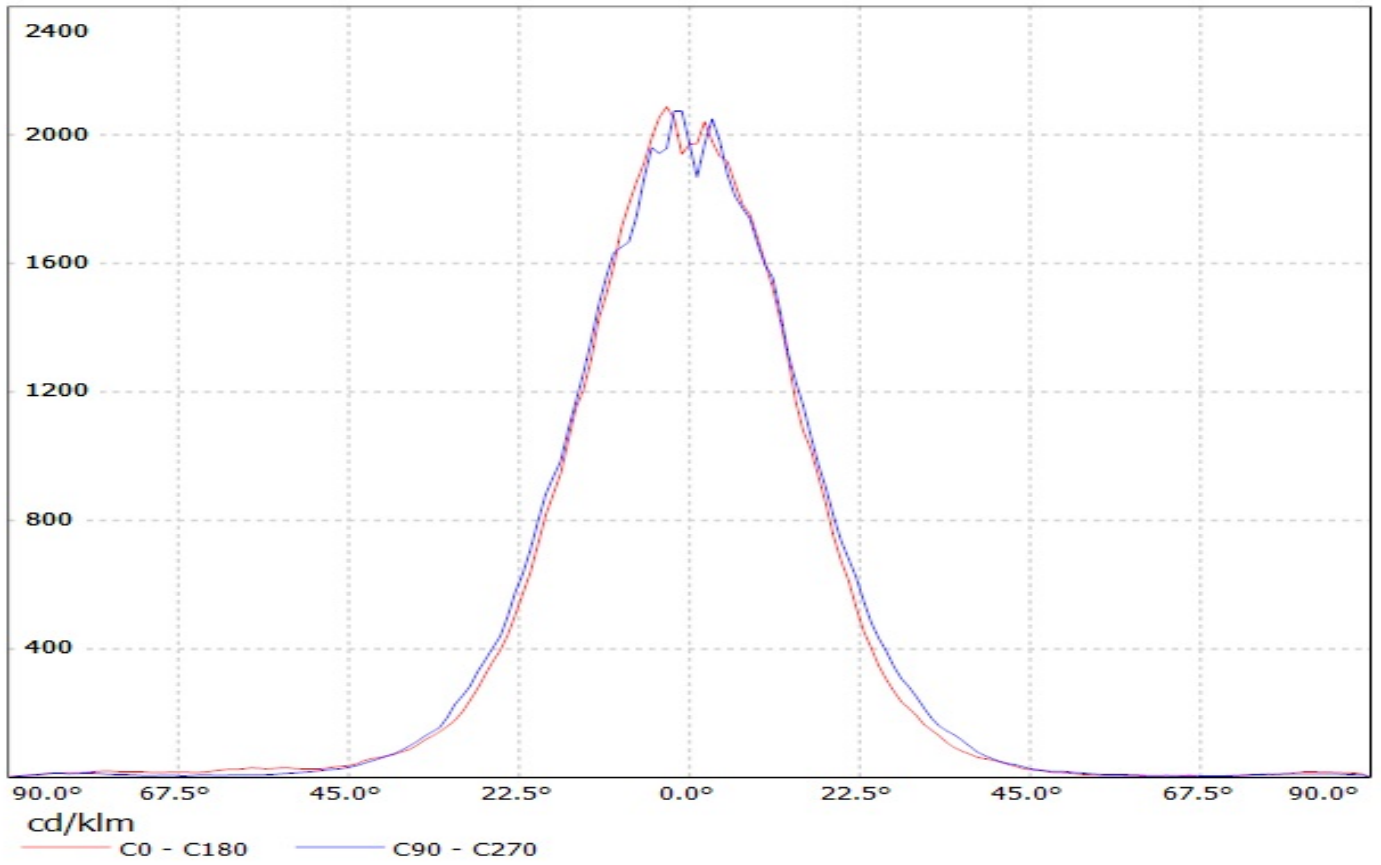


Luminaire: LEDil Oy C10755_Cute-3-M_(Z5M1) Efficiency=88%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 286lm @ 250mA CCT=4500K P=2.2W I=250mA

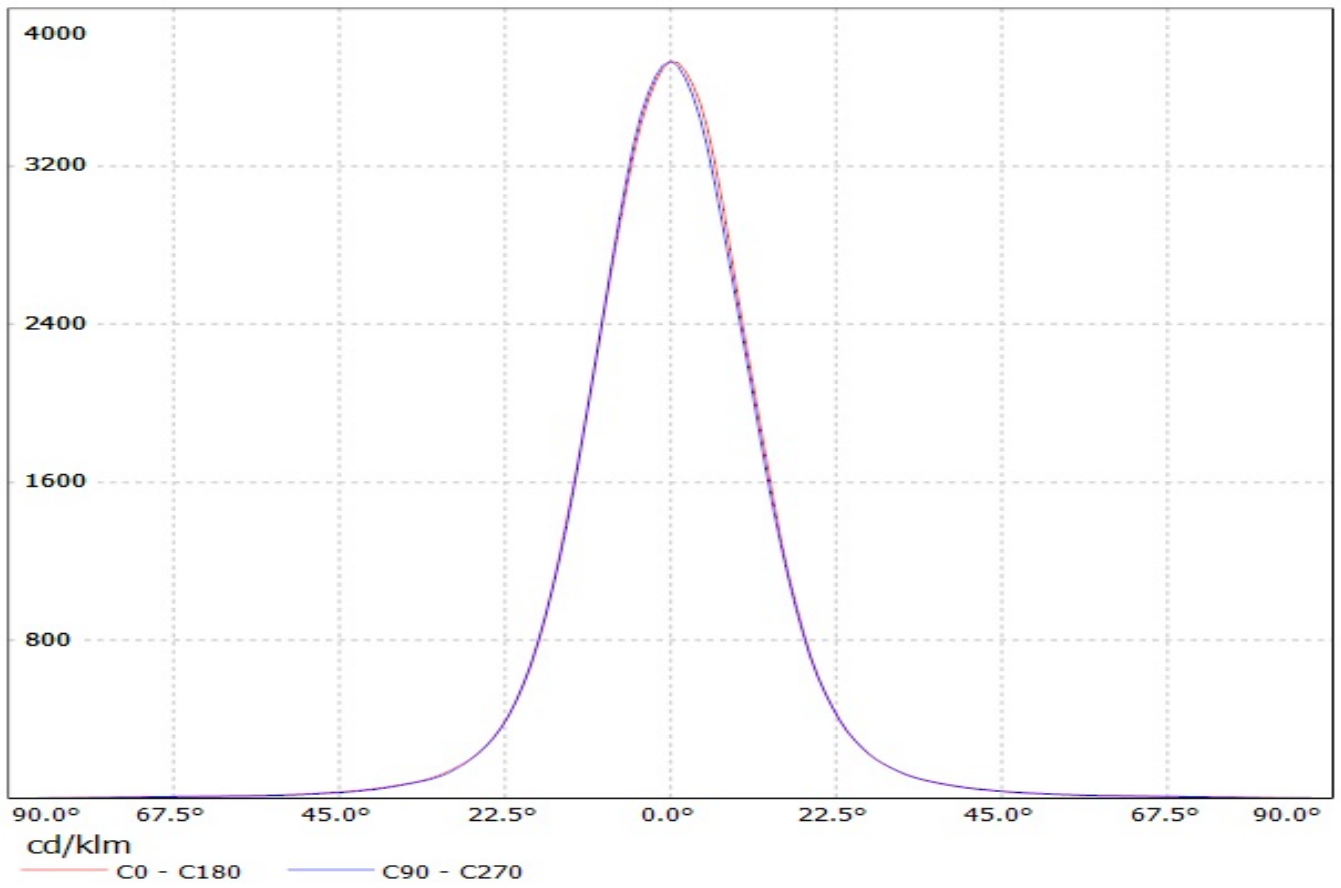


C10755_Cute-3-M-XM (HV) / LDC (Linear)

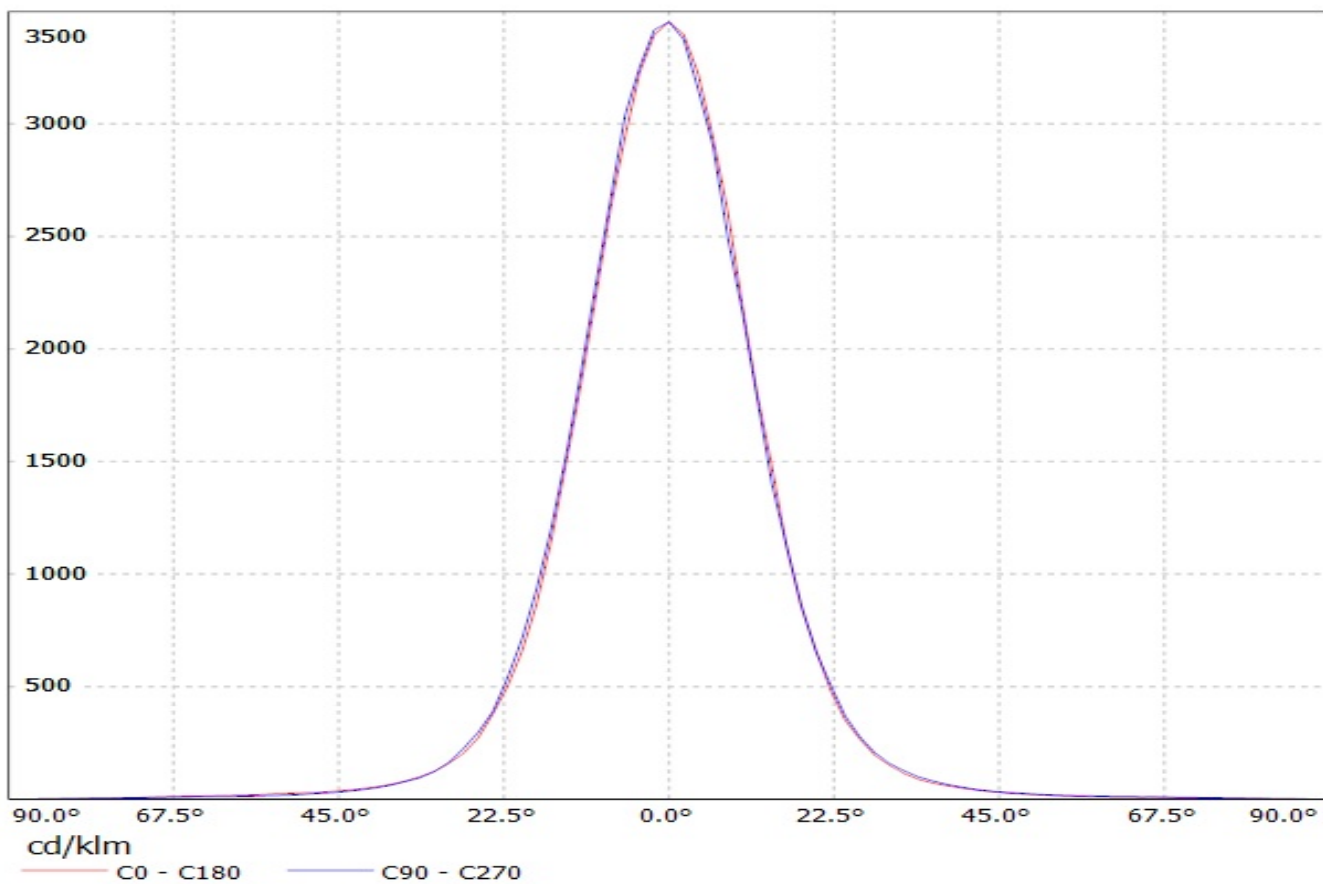
Luminaire: C10755_Cute-3-M-XM (HV)
Lamps: 1 x



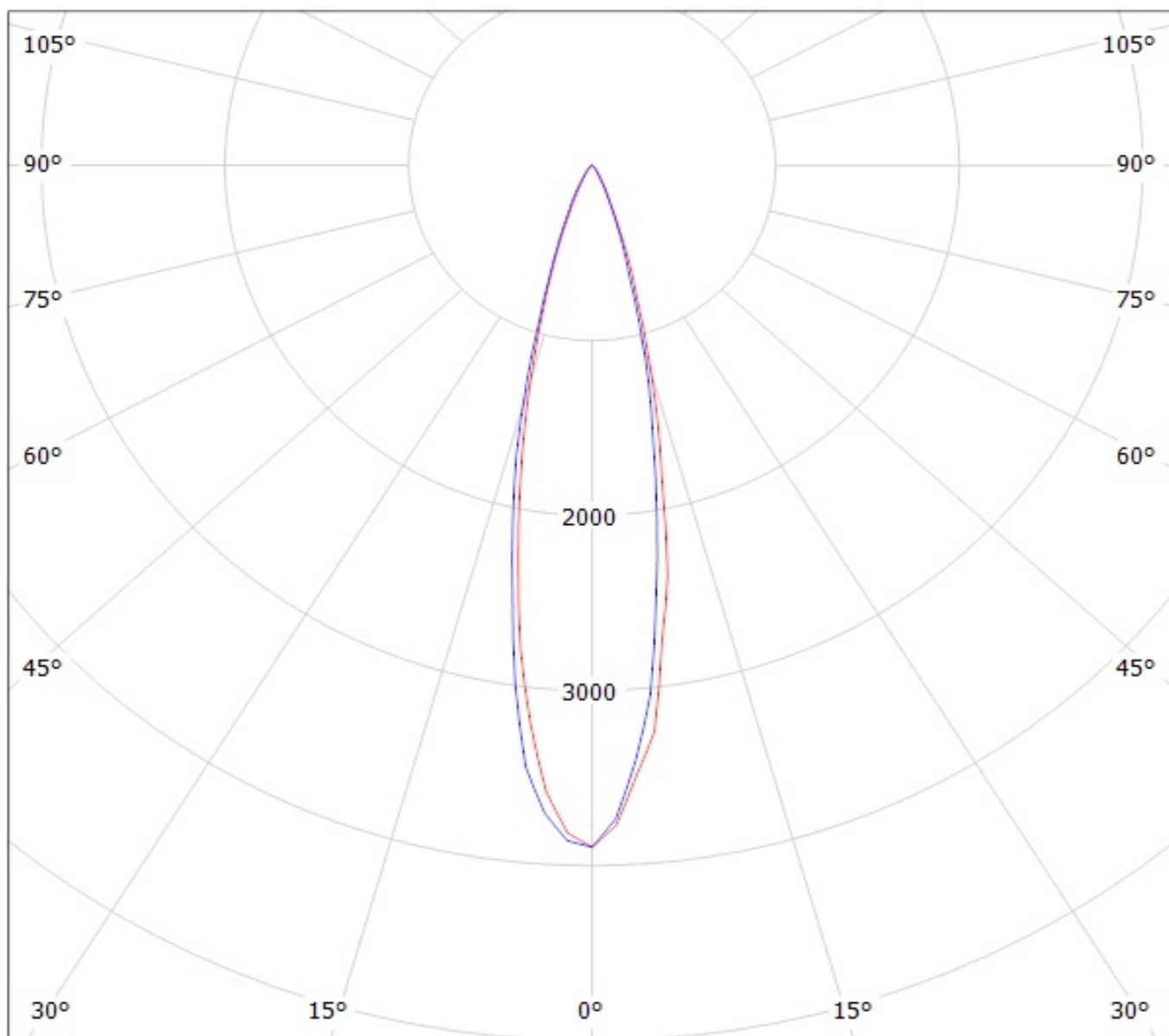
Luminaire: Ledil Oy C10755_CUTE-3-M_(3535_Ceramic_gen2) Efficiency=86%
Lamps: 1 x LG 3535 Ceramic gen 2 (PKG5700K) 343lm @ 250mA CCT=6100K P=2.2W I=250mA



Luminaire: LEDil Oy C10755_CUTE-3-M_(XM-L2) Efficiency=89%
Lamps: 1 x Cree XM-L2 XMLBWT-0-7B4-T30-0L-0001) 268lm @ 250mA CCT=3200K P=2.1W I=250mA



Luminaire: Ledil Oy C10755_CUTE-3-M (Cree XT-E 208lm @ 250mA) Efficiency=85%
Lamps: 1 x Cree XT-E 208lm @ 250mA

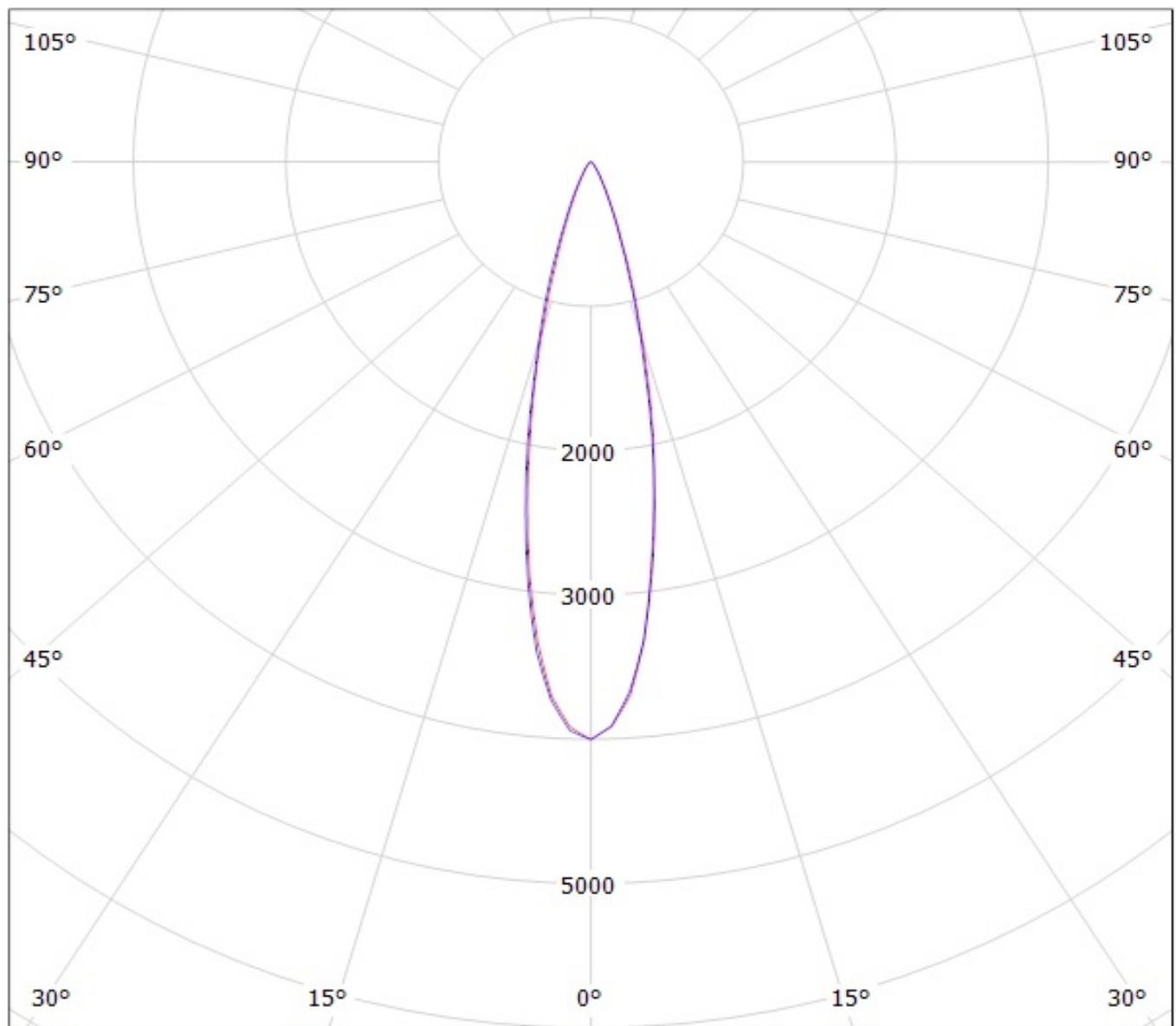


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C10755_Cute-3-M_(Z5M1) Efficiency=88%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 286lm @ 250mA CCT=4500K P=2.2W I=250mA



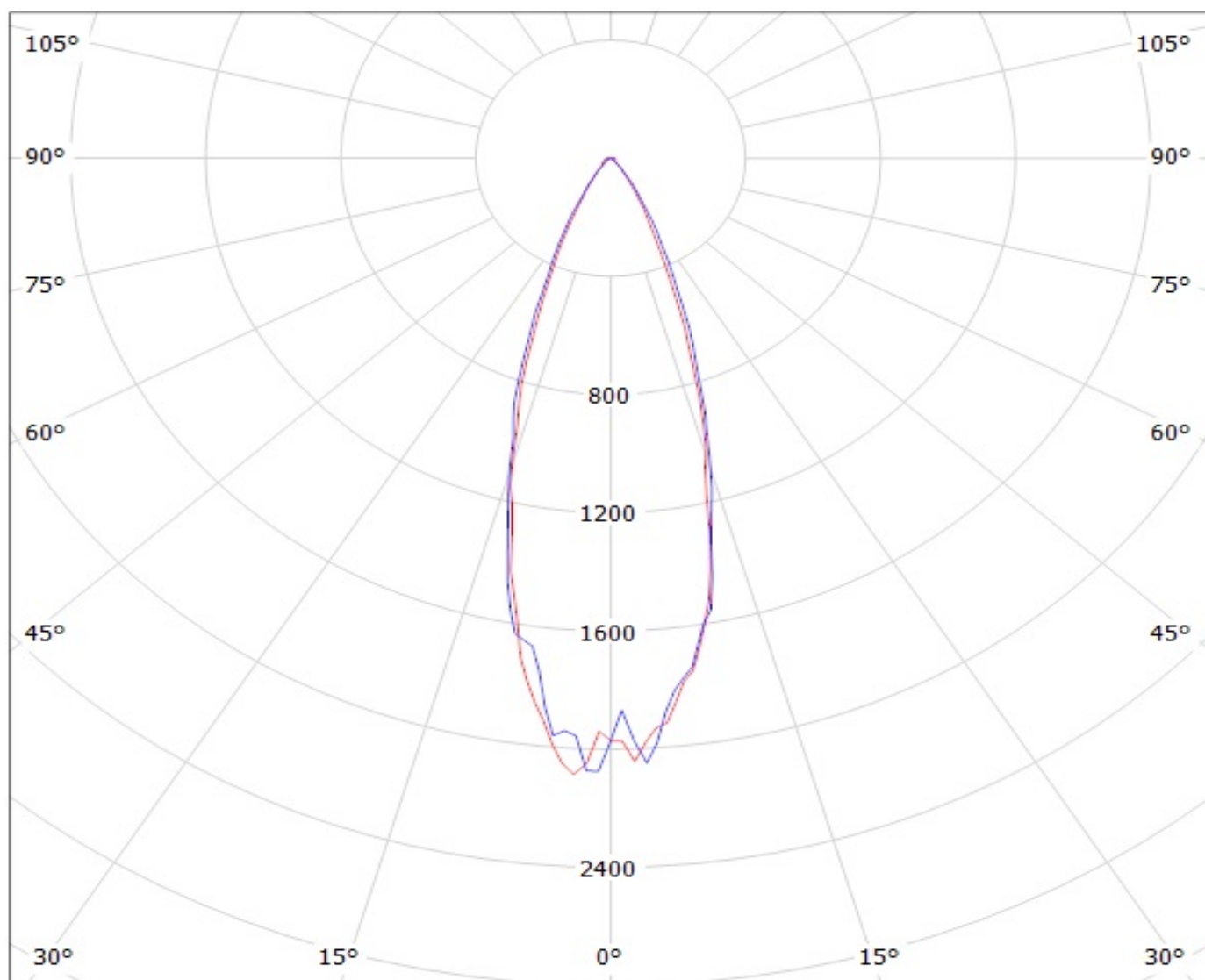
cd/klm

— C0 - C180 — C90 - C270

C10755_Cute-3-M-XM (HV) / LDC (Polar)

Luminaire: C10755_Cute-3-M-XM (HV)

Lamps: 1 x



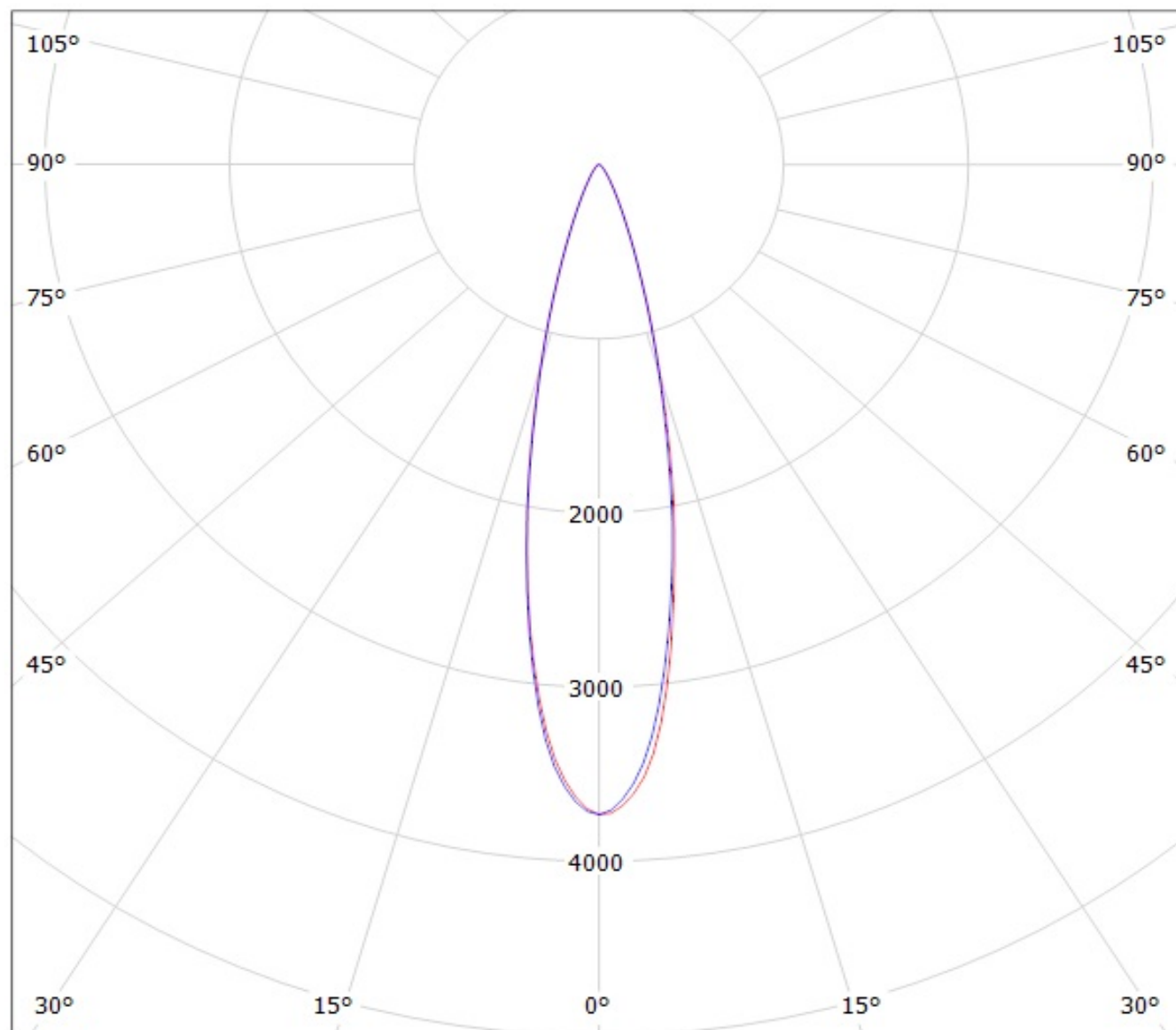
cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C10755_CUTE-3-M_(3535_Ceramic_gen2) Efficiency=86%

Lamps: 1 x LG 3535 Ceramic gen 2 (PKG5700K) 343lm @ 250mA CCT=6100K P=2.2W I=250mA



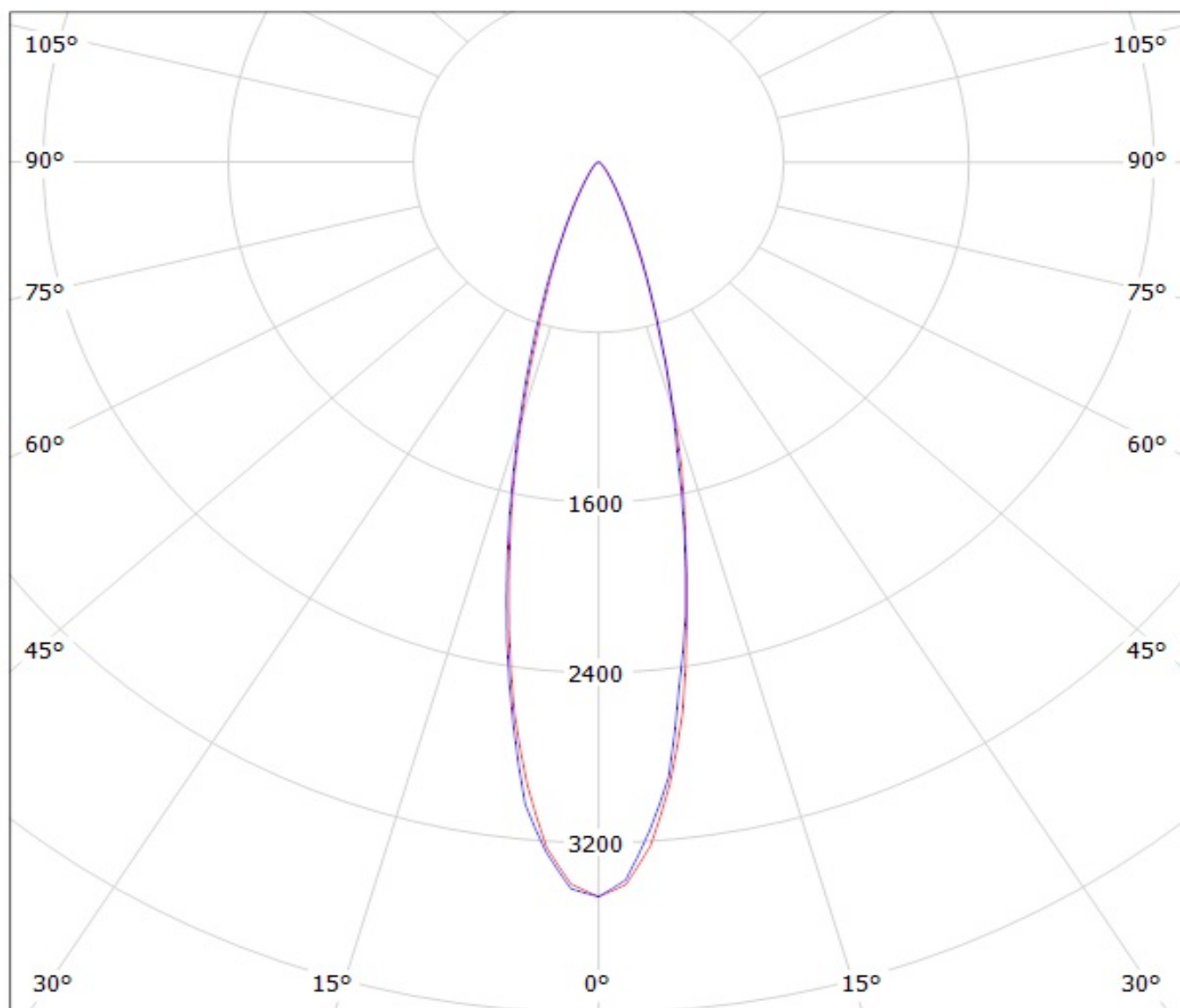
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C10755_CUTE-3-M_(XM-L2) Efficiency=89%

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

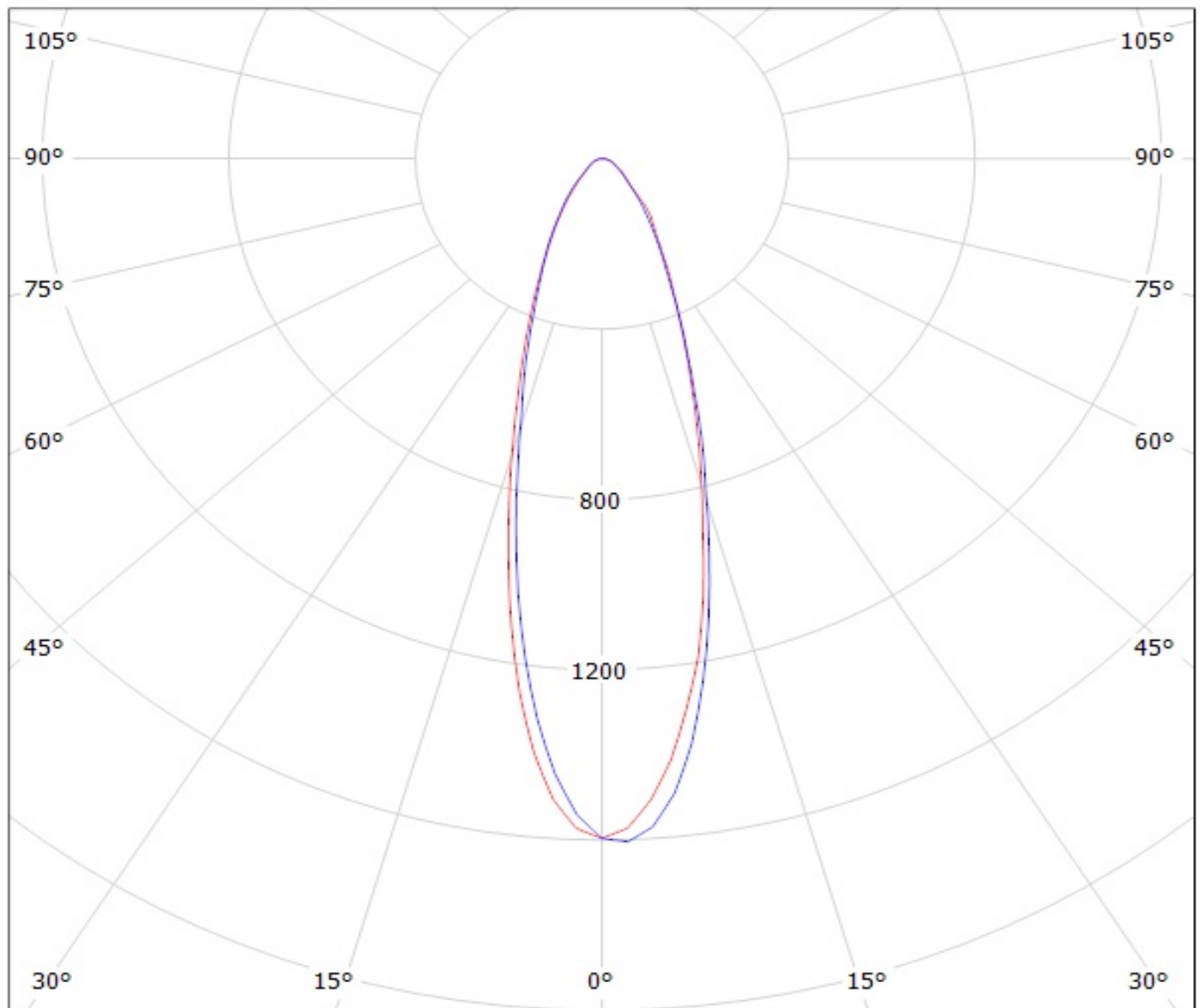


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C10755_CUTE-3-M-OSL-150 (Osram Oslon 150 deg 266lm @ 250mA)
Lamps: 1 x Osram Oslon 150 deg 266lm @ 250mA



cd/klm

— C0 - C180

— C90 - C270

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.