

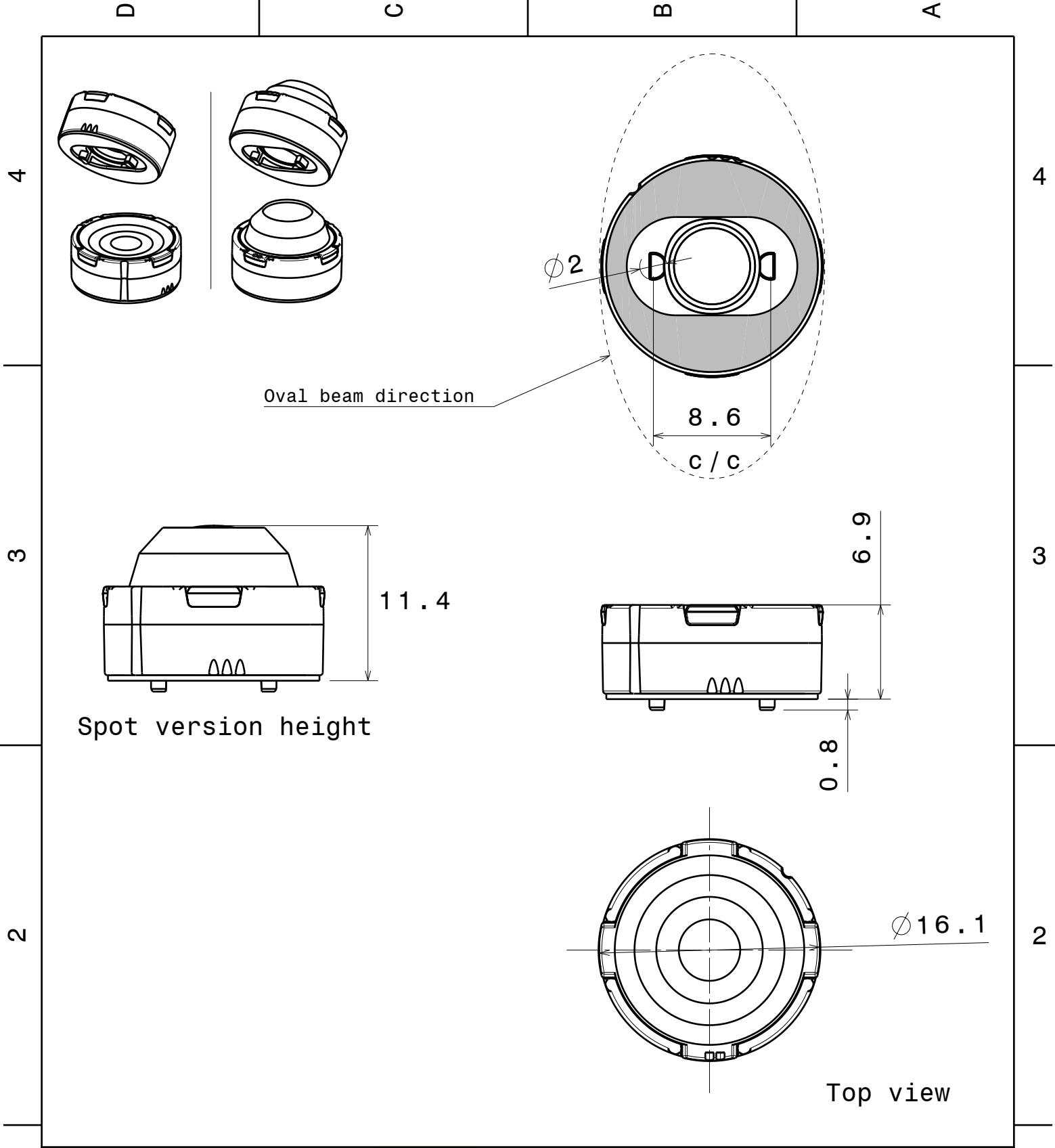
DETAILS

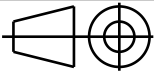
Product Number	CA12429_TINA3-OO
Family	Tina3
Type	Assembly
Color	white
Diameter	16,1 mm
Height	6,9 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	12/11/2013



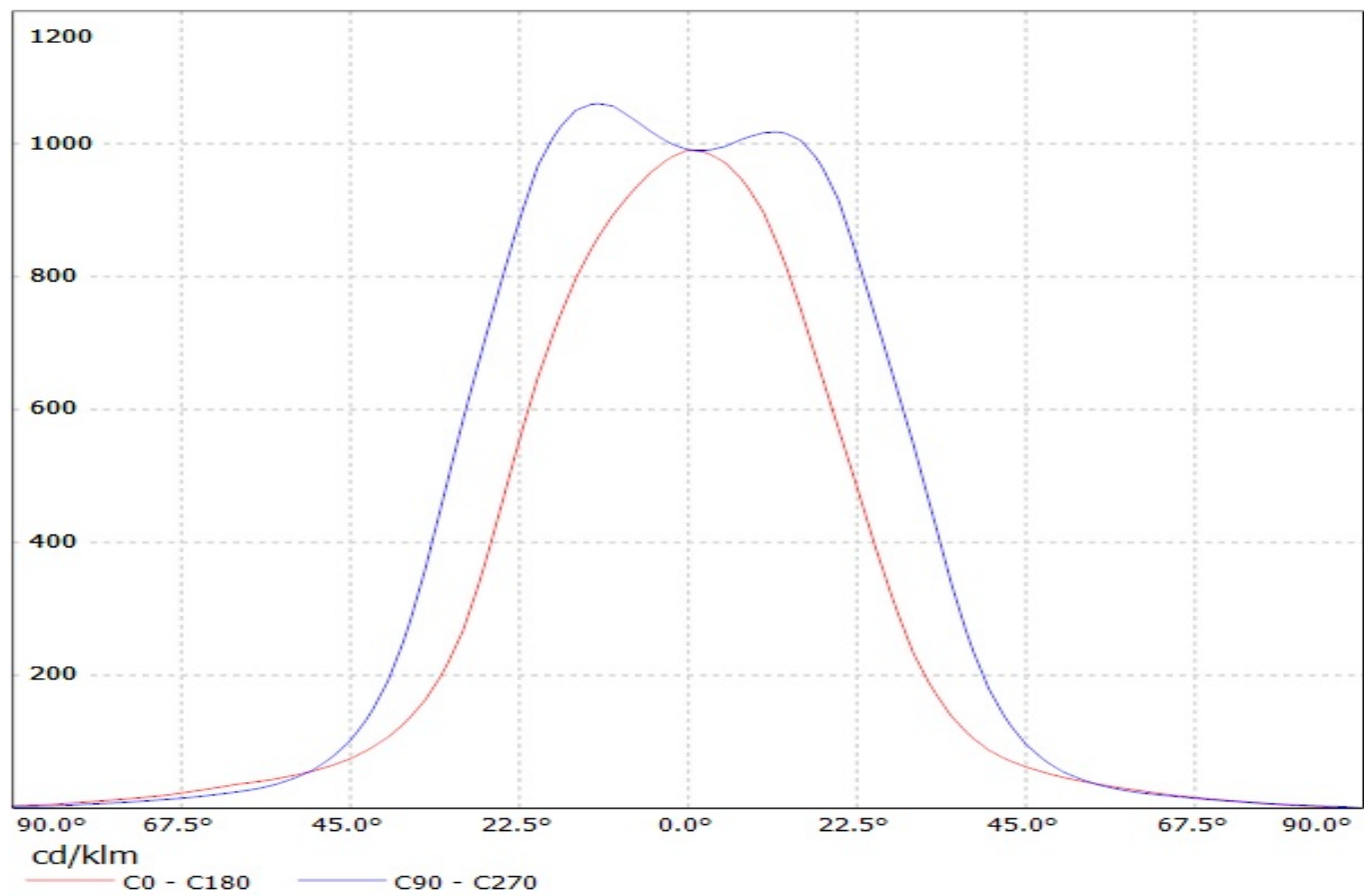
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
LUXEON H50-2	sim: 37+57	OO-class	sim: 87 %	sim: 1.300	-
LH351Z	47+62 deg	OO-class	88 %	1.100	-
XP-G	51+35 deg	OO-class	90 %	1.400	-
Oslon Square EC	55+39 deg	OO-class	88 %	1.100	-
LUXEON A	57+29 deg	OO-class	90 %	1.200	-
LUXEON T	58+40 deg	OO-class	88 %	1.200	-
LUXEON TX	59+42 deg	OO-class	88 %	1.200	-
NVSxx19A	61+45 deg	OO-class	87 %	1.000	-

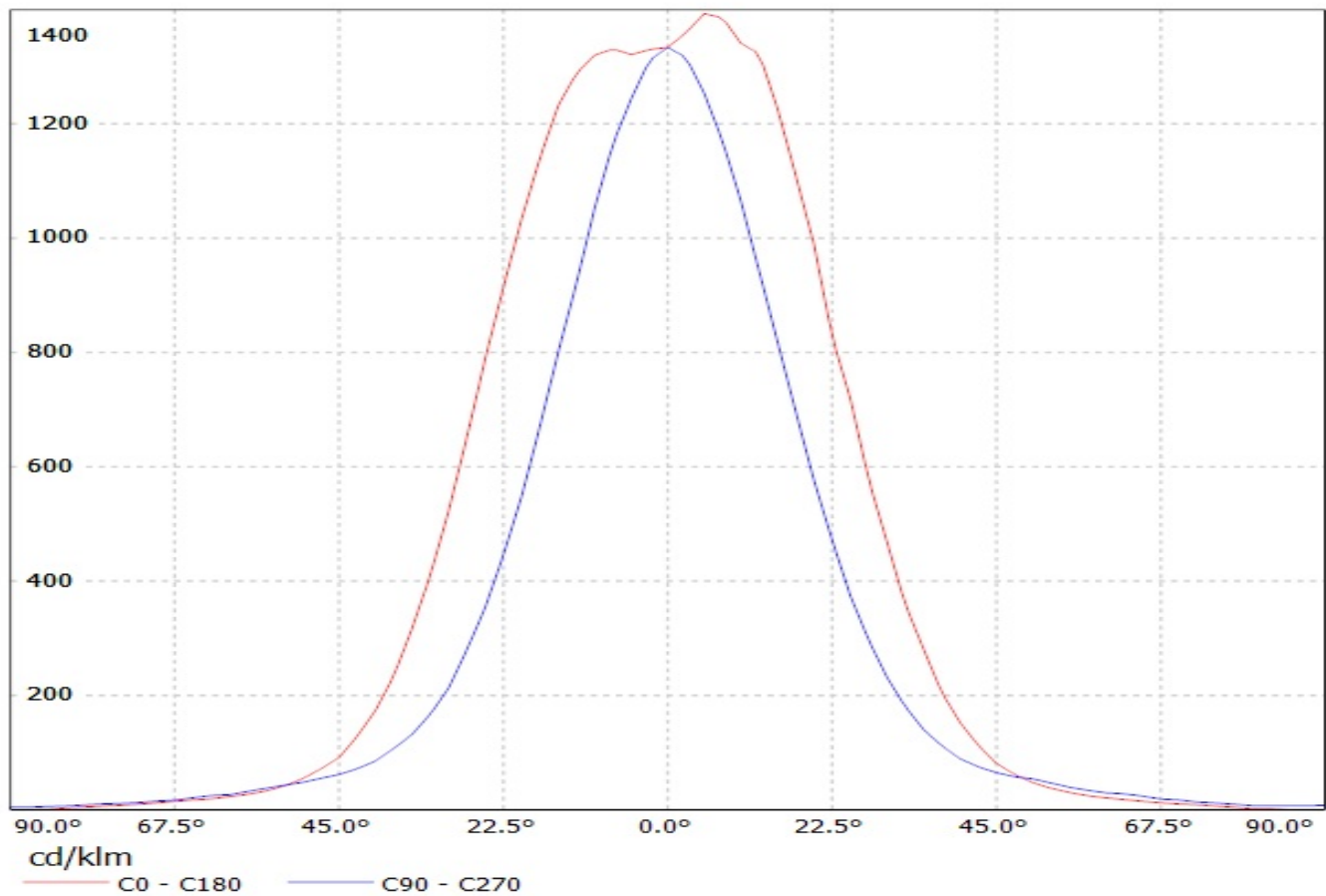


Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland			
THIRD ANGLE PROJECTION: 		DRAWING TITLE TINA3 Datasheet			
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."		SIZE A4	PART NUMBER -		
		SCALE 4:3	WEIGHT -		SHEET 1 / 1

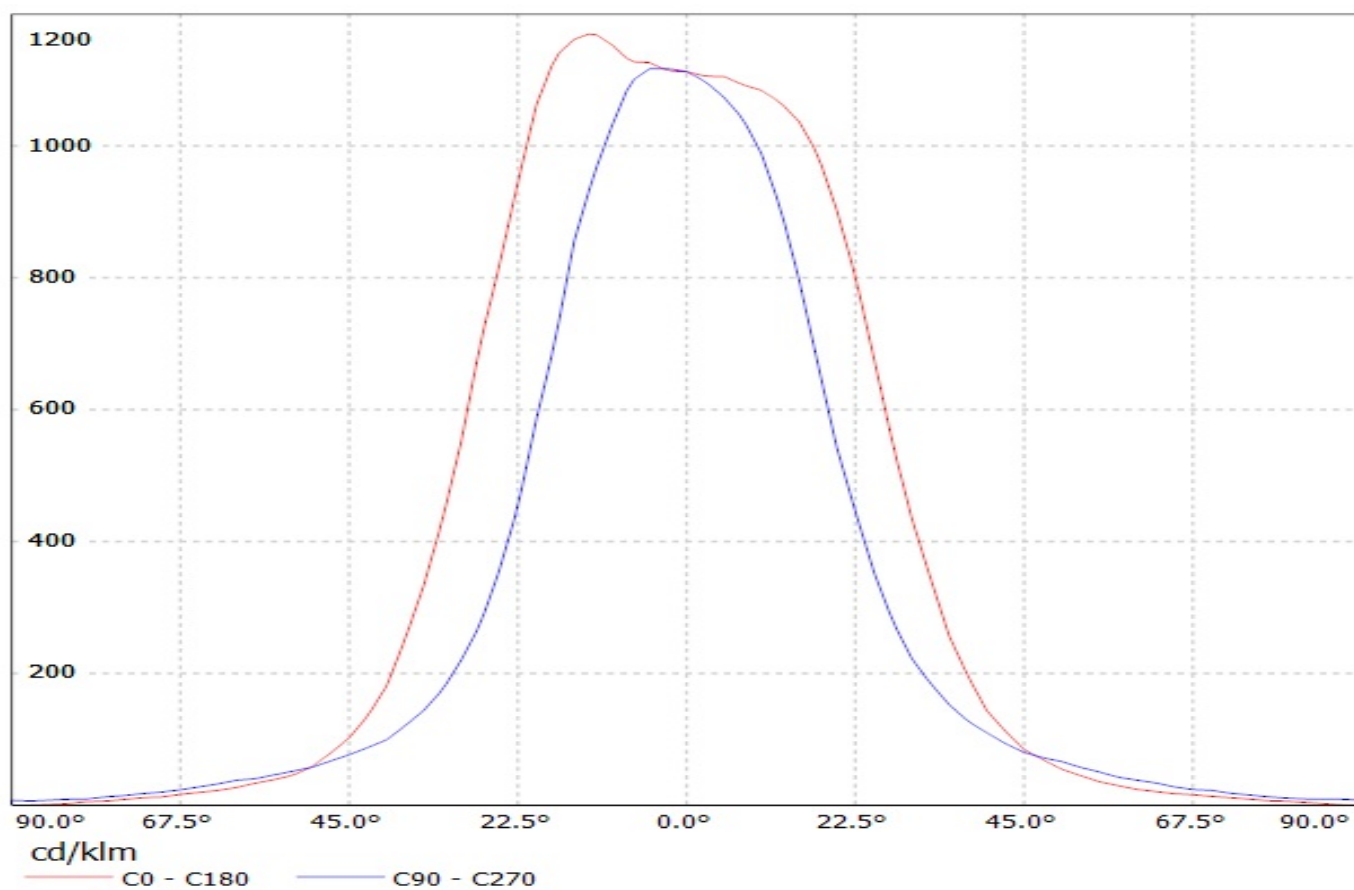
Luminaire: Ledil Oy CA12429_TINA3-OO_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



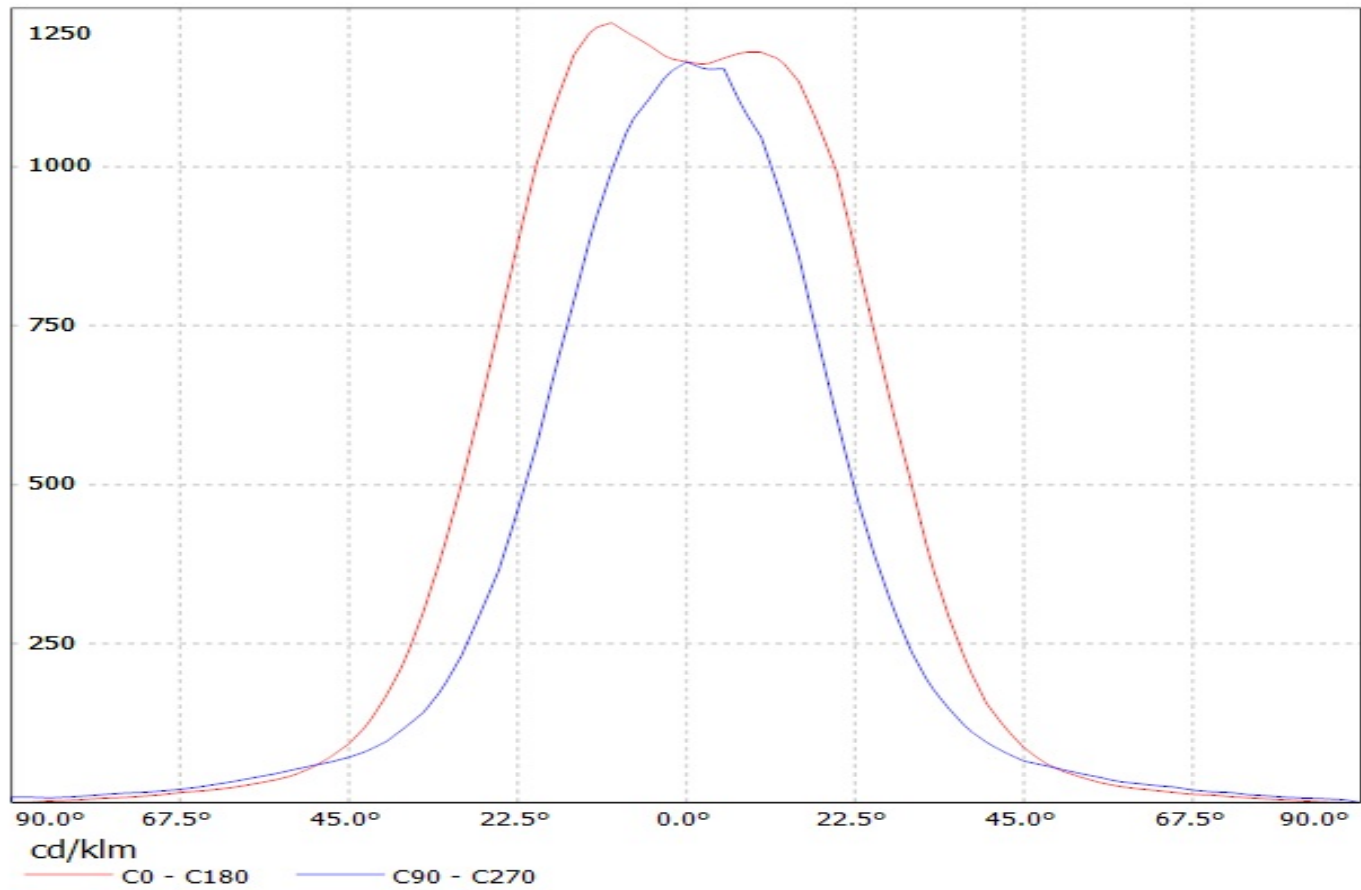
Luminaire: Ledil Oy CA12429_TINA3-00 (Cree XP-G 68lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-G 68lm @ 250mA



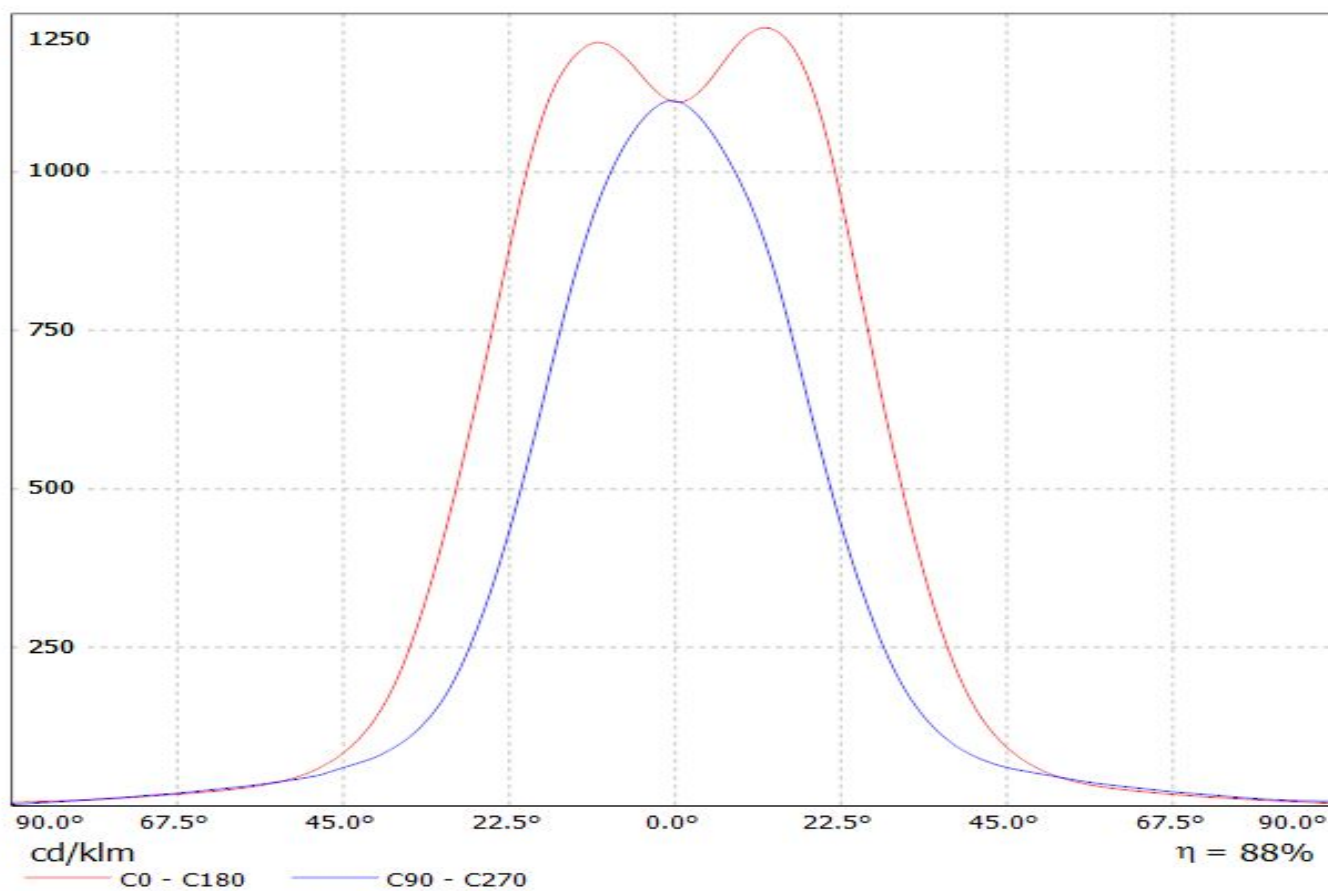
Luminaire: Ledil Oy CA12429_TINA3-00 (Osram Square EC 66lm @ 250mA) Efficiency=88%
Lamps: 1 x Osram Square EC 66lm @ 250mA



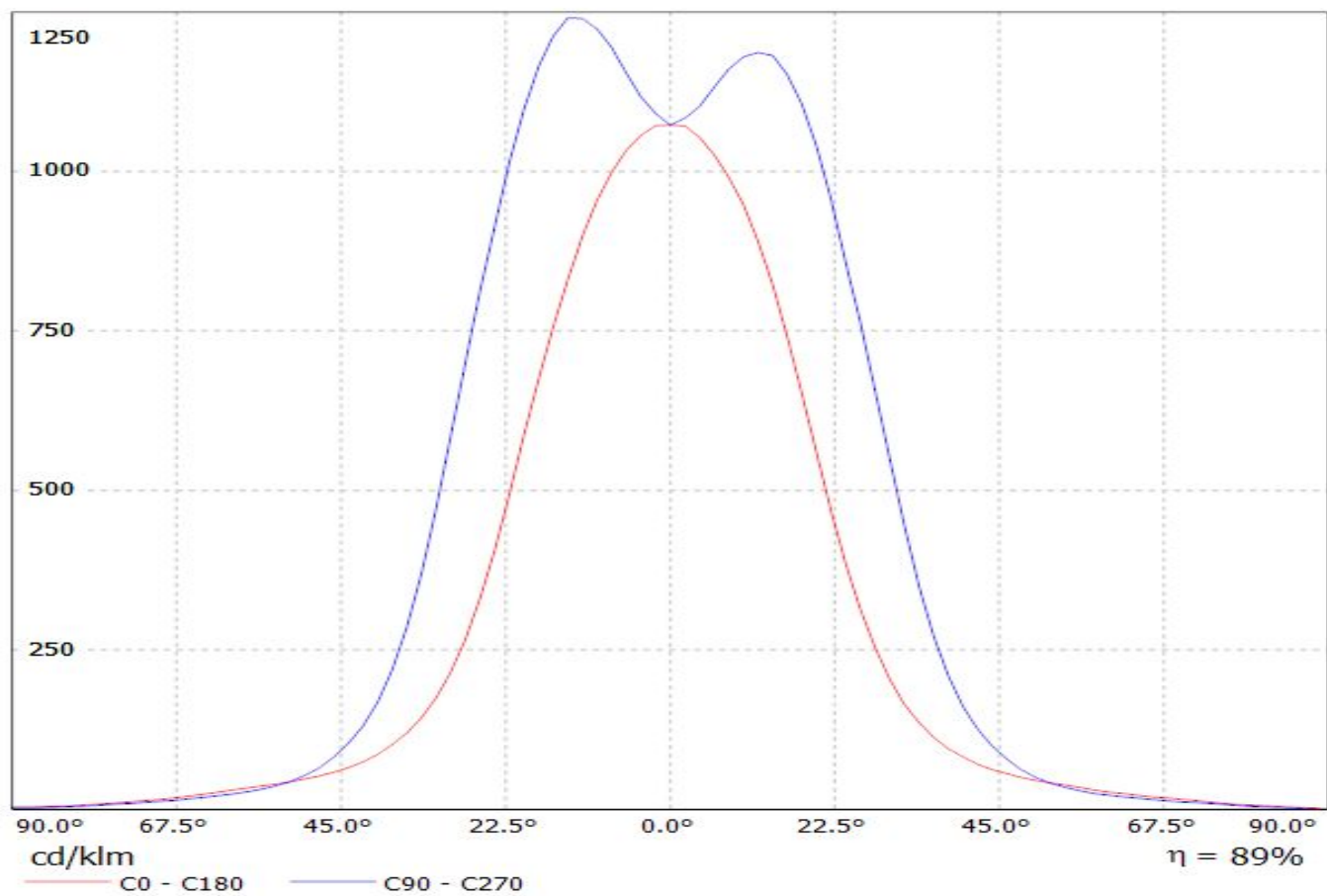
Luminaire: Ledil Oy CA12429_TINA3-00 (Luxeon A 64lm @ 250mA) Efficiency=90%
Lamps: 1 x Luxeon A 64lm @ 250mA



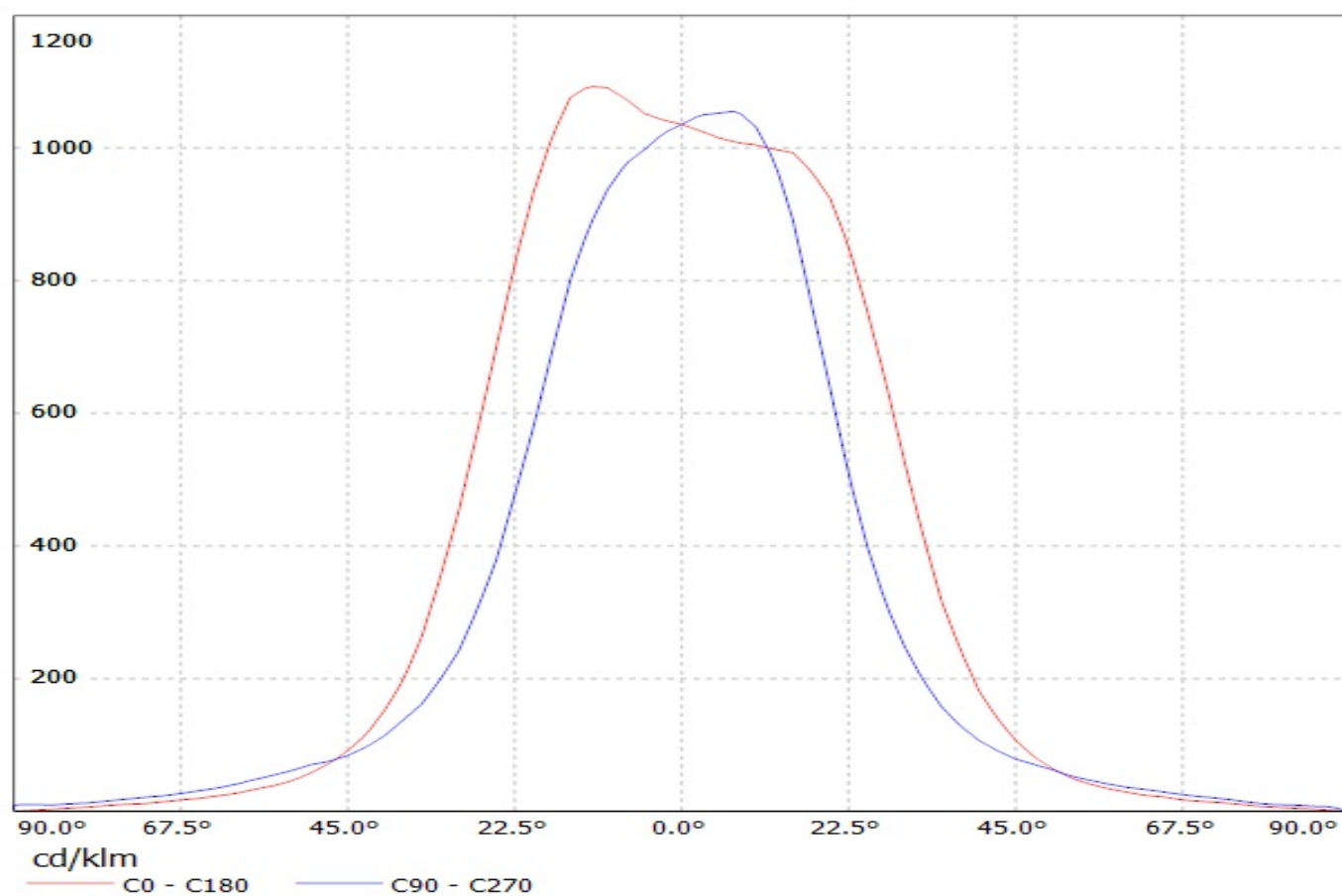
Luminaire: LEDiL Oy CA12429_TINA3-00_(LUXEON_T) Eff.88.0%
Lamps: 1 x LUXEON T (74lm@250mA)



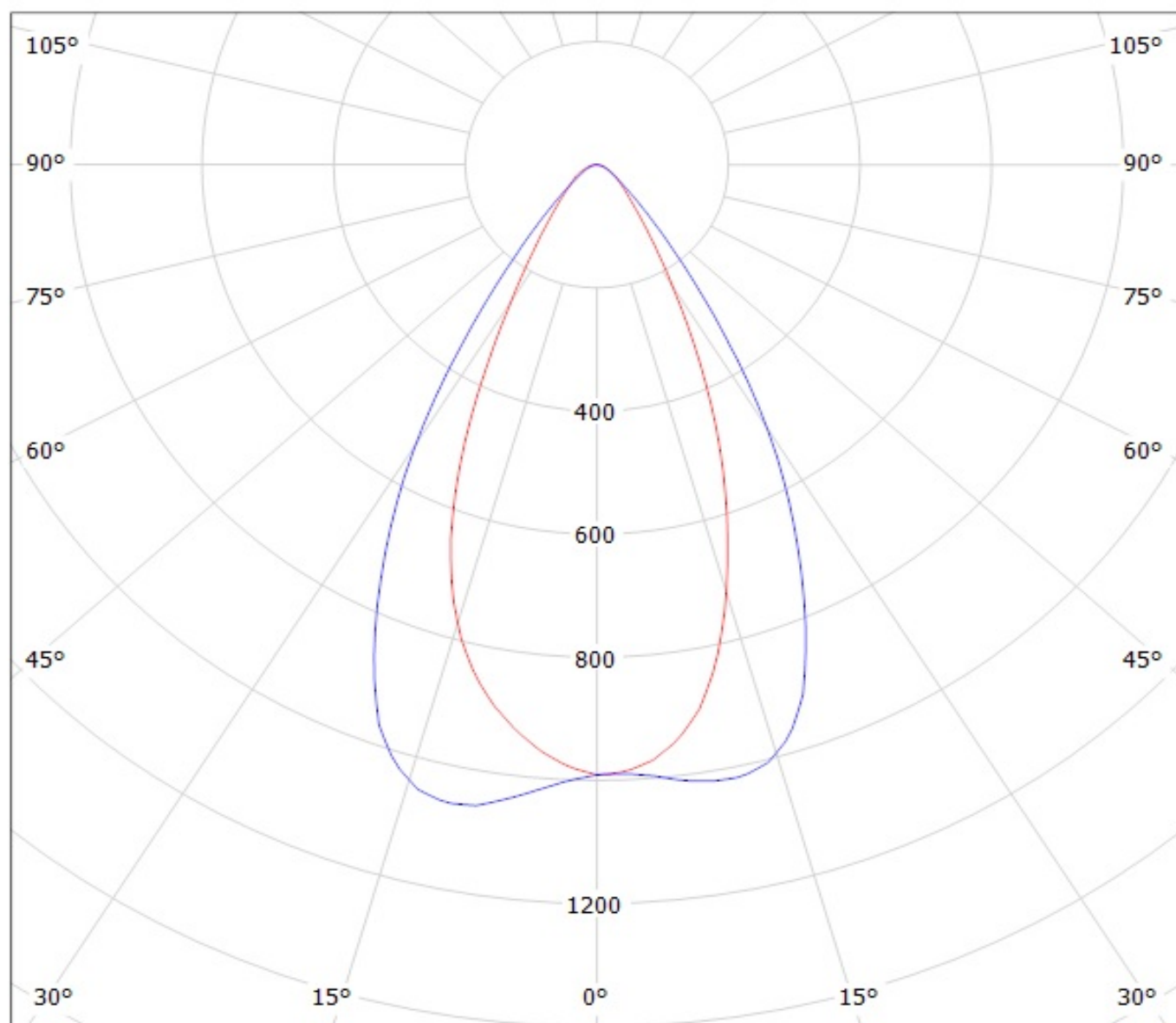
Luminaire: Ledil Oy CA12429_TINA3-00_(Luxeon_TX) Efficiency=88%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy CA12429_TINA3-OO (Nichia NVS19 92lm @ 250mA) Efficiency=87%
Lamps: 1 x Nichia NVS19 92lm @ 250mA



Luminaire: Ledil Oy CA12429_TINA3-OO_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA

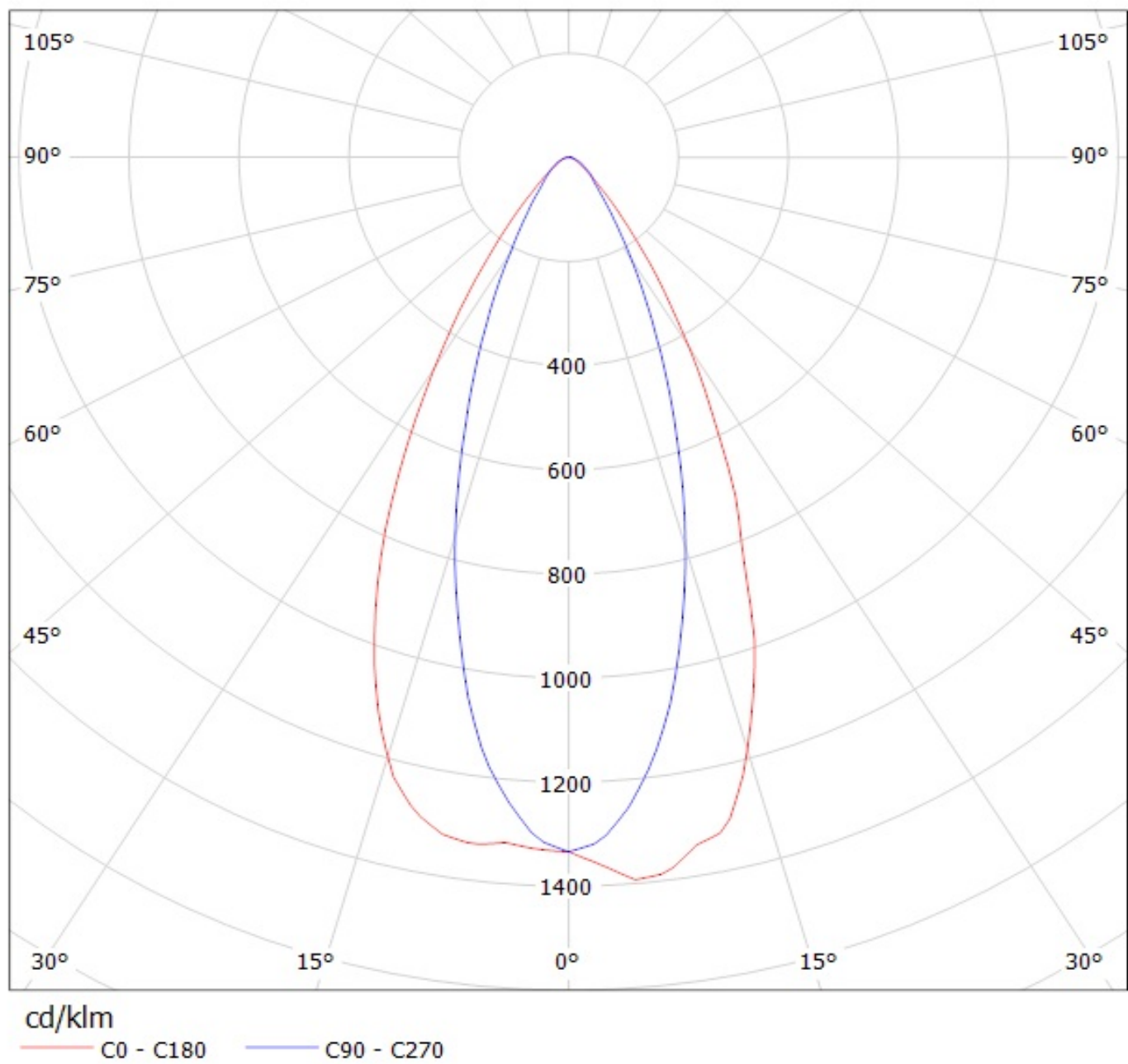


cd/klm

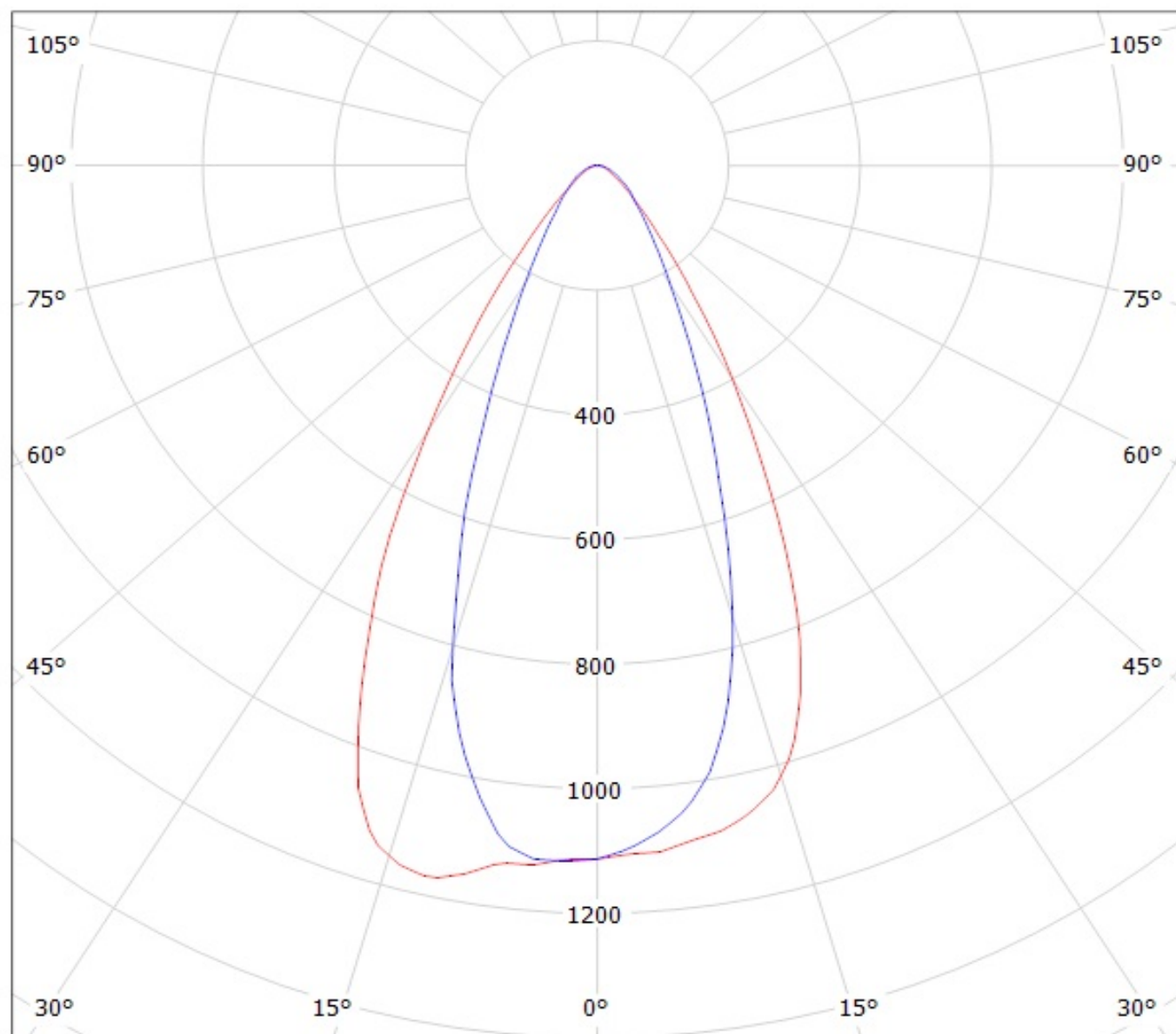
— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA12429_TINA3-00 (Cree XP-G 68lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-G 68lm @ 250mA



Luminaire: Ledil Oy CA12429_TINA3-00 (Osram Square EC 66lm @ 250mA) Efficiency=88%
Lamps: 1 x Osram Square EC 66lm @ 250mA

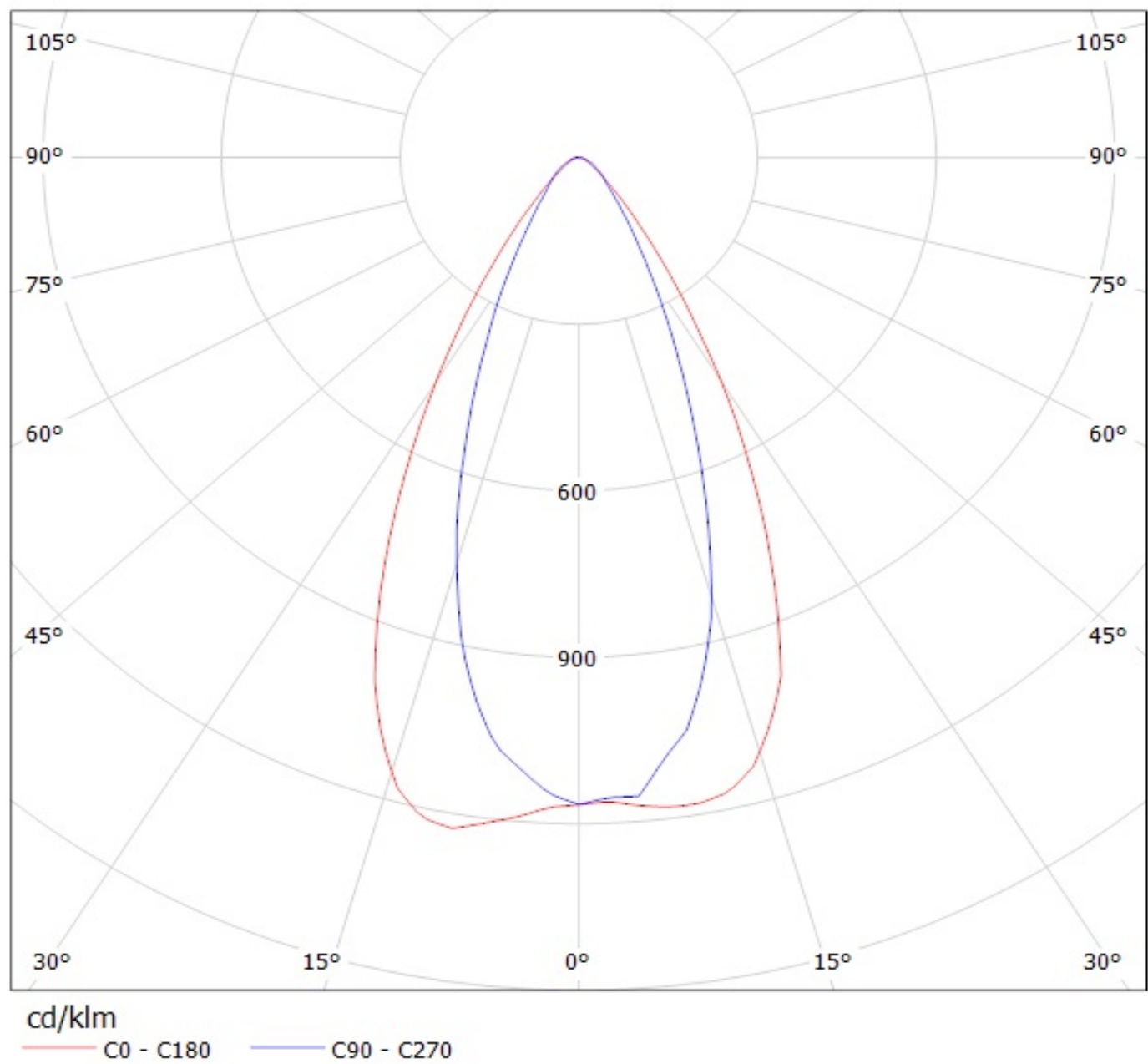


cd/klm

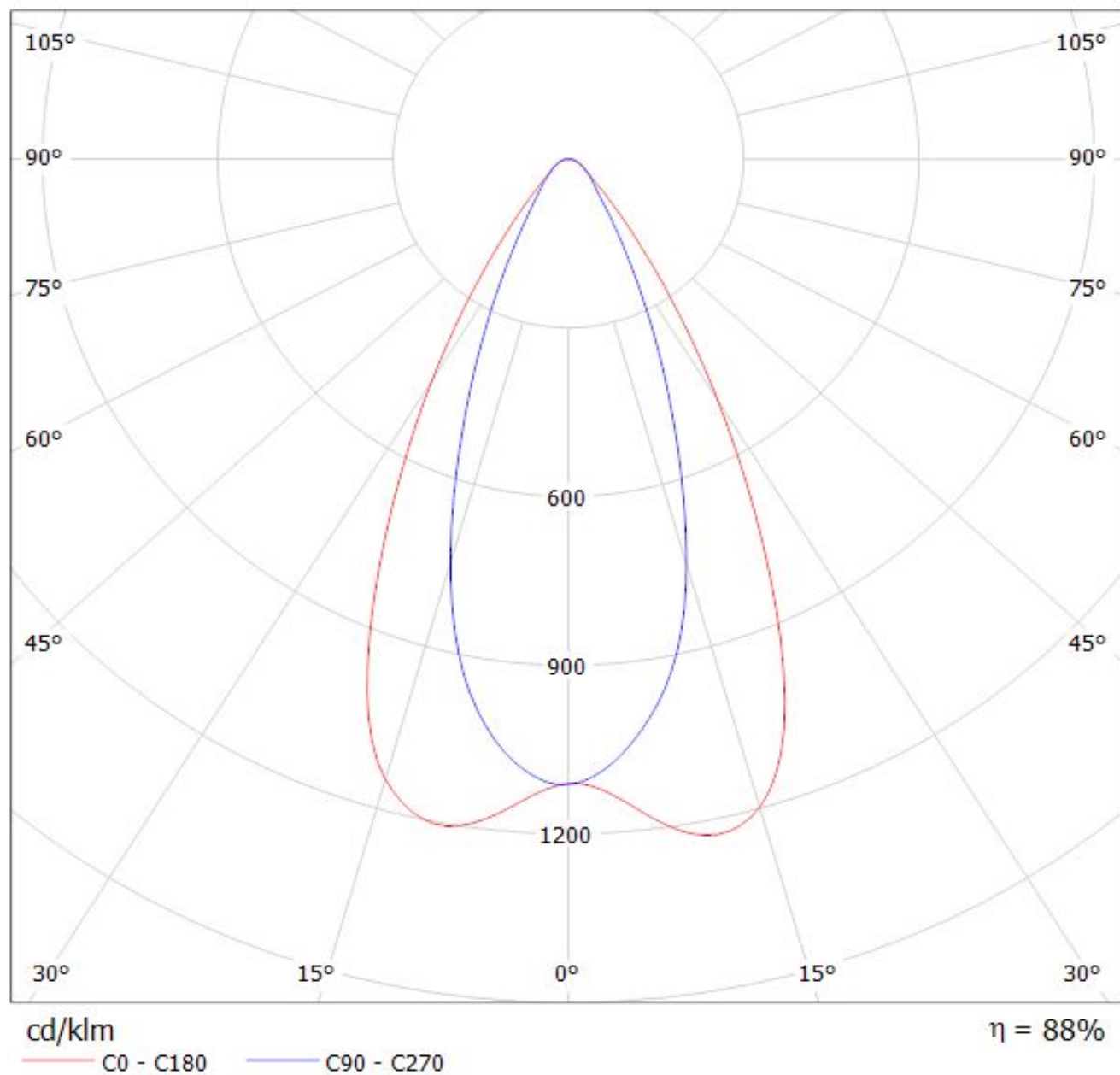
— C0 - C180

— C90 - C270

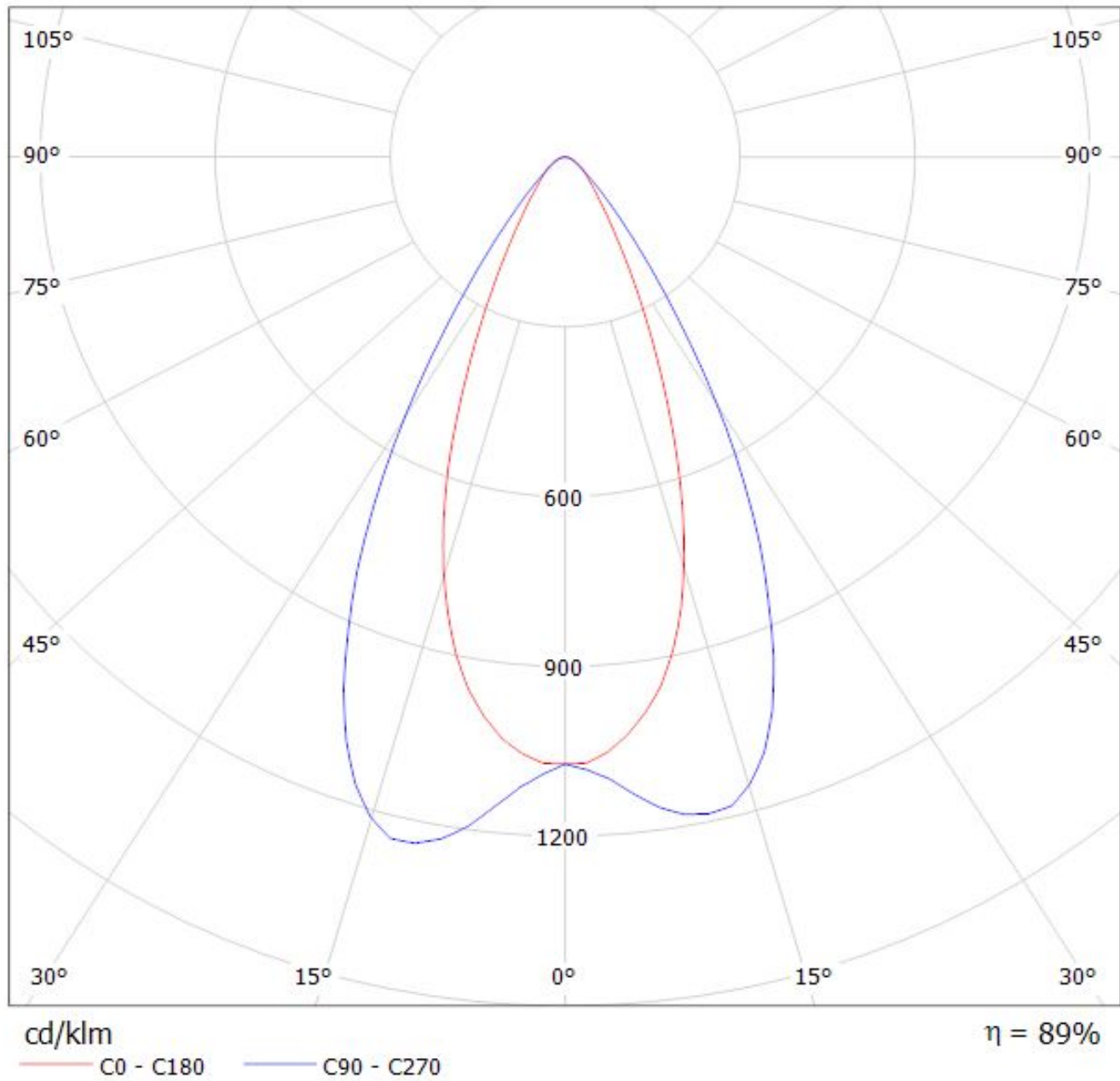
Luminaire: Ledil Oy CA12429_TINA3-OO (Luxeon A 64lm @ 250mA) Efficiency=90%
Lamps: 1 x Luxeon A 64lm @ 250mA



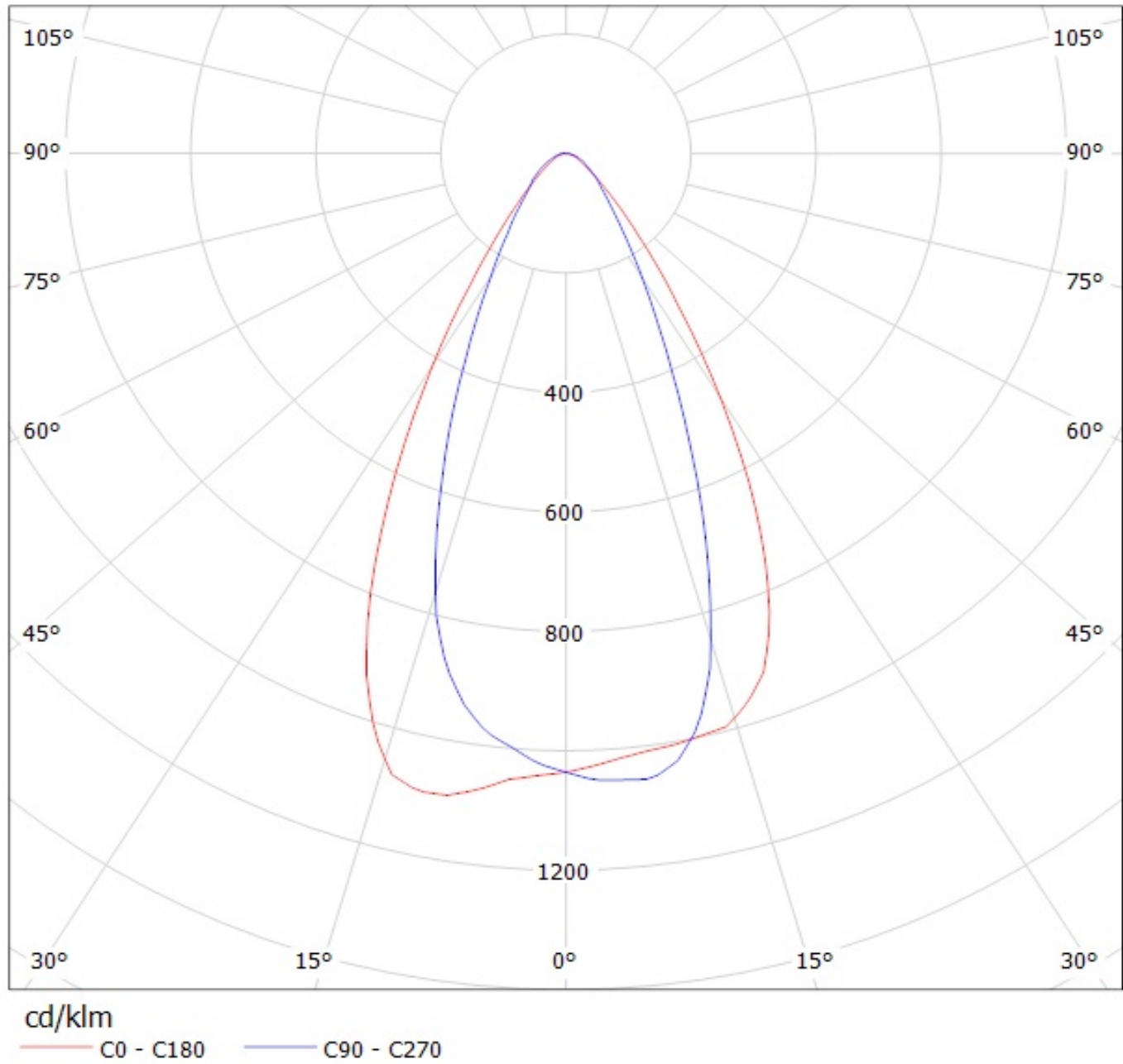
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Lamps: 1 x LUXEON T (74lm@250mA)



Luminaire: Ledil Oy CA12429_TINA3-OO_(Luxeon_TX) Efficiency=88%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy CA12429_TINA3-OO (Nichia NVS19 92lm @ 250mA) Efficiency=87%
Lamps: 1 x Nichia NVS19 92lm @ 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.