

DETAILS

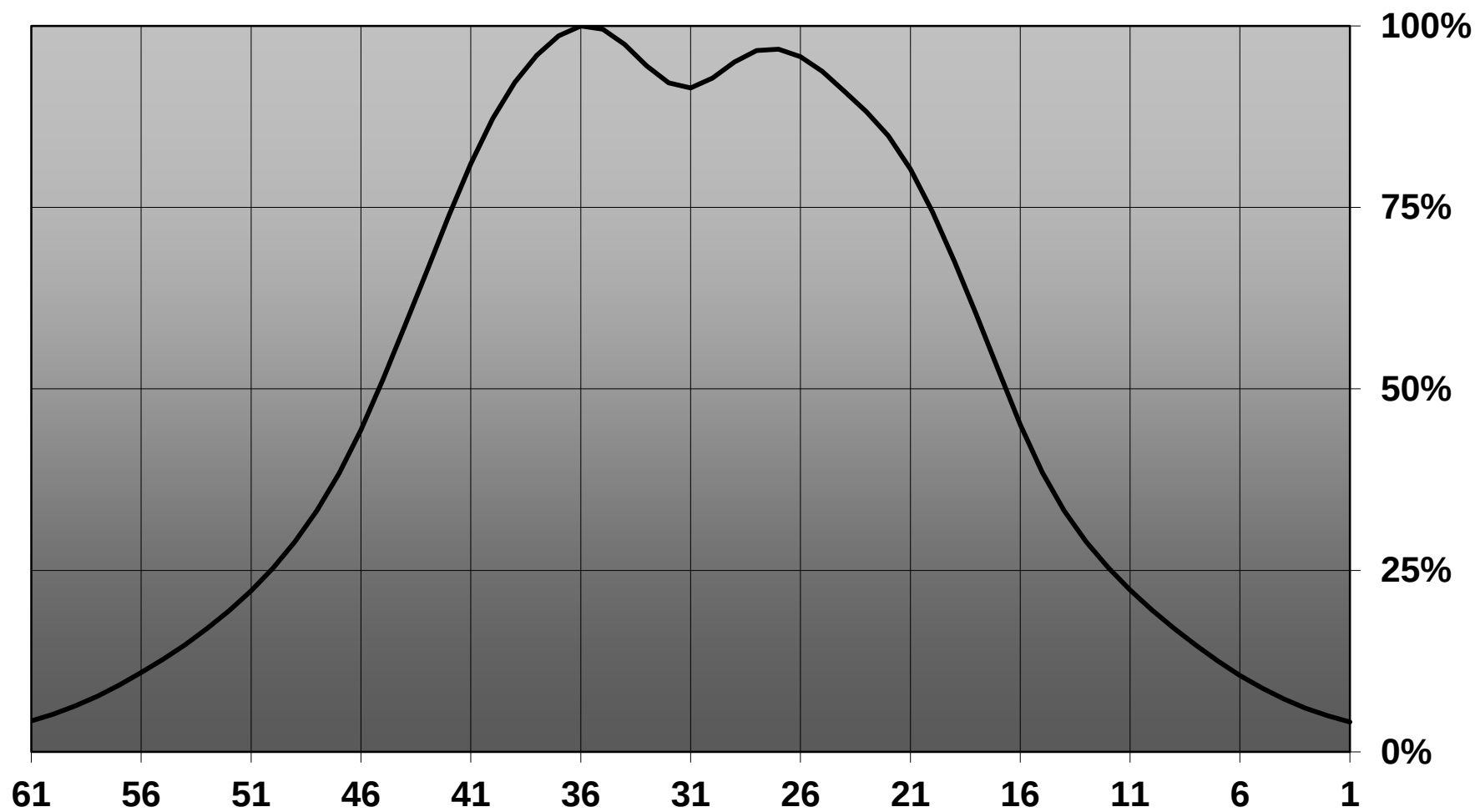
Product Number	FA11903_TINA3-WW
Family	Tina3
Type	Assembly
Color	white
Diameter	16,1 mm
Height	7,1 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	13/09/2013

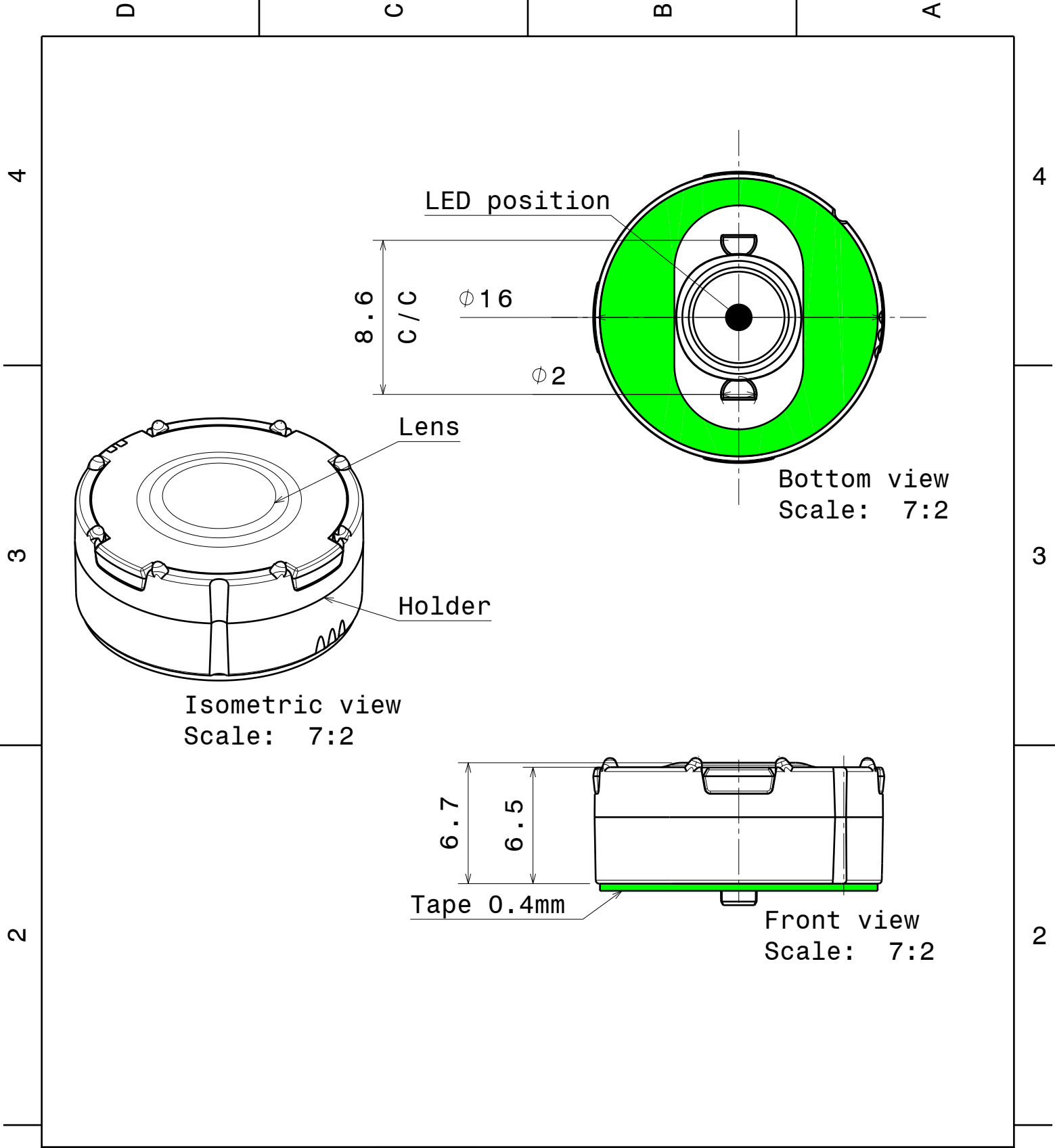


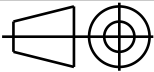
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XM-L HVW	sim: 62	Very Wide	90 %	-	-
XT-E	46 deg	Very Wide	92 %	1.200	-
XP-L	53 deg	Very Wide	91 %	0.900	-
XP-L HI	54 deg	Very Wide	91 %	0.990	-
XM-L	56 deg	Very Wide	89 %	0.850	-
XM-L2	56 deg	Very Wide	89 %	sim: 0.000	-
NS9x383	65 deg	Very Wide	90 %	0.740	-

Relative intensity of FA11903_TINA3-WW_(XM-L2)



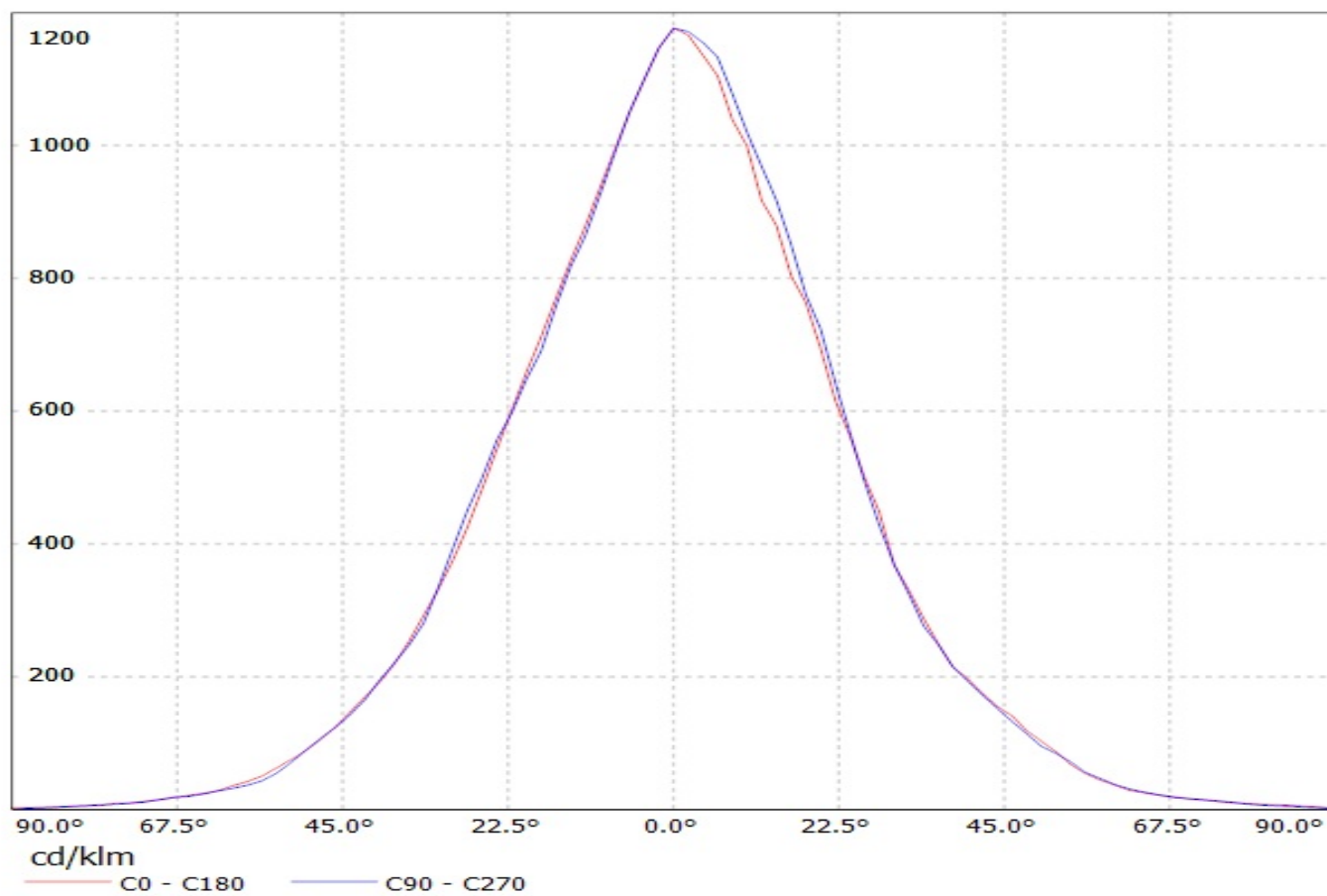


Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION: 		DRAWING TITLE FA11903_TINA3-WW	
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		SCALE 7:2	WEIGHT - SHEET 1/1

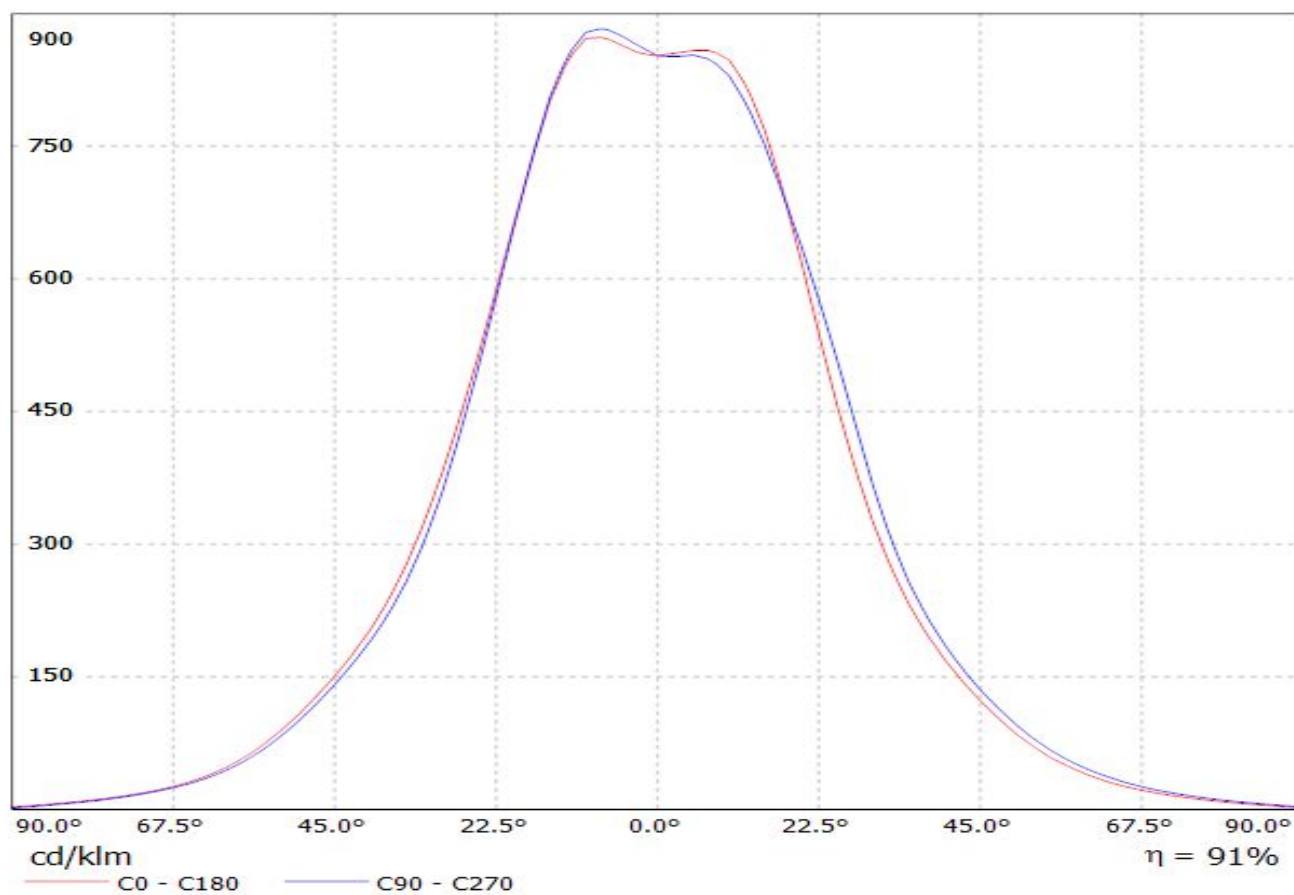
D

A

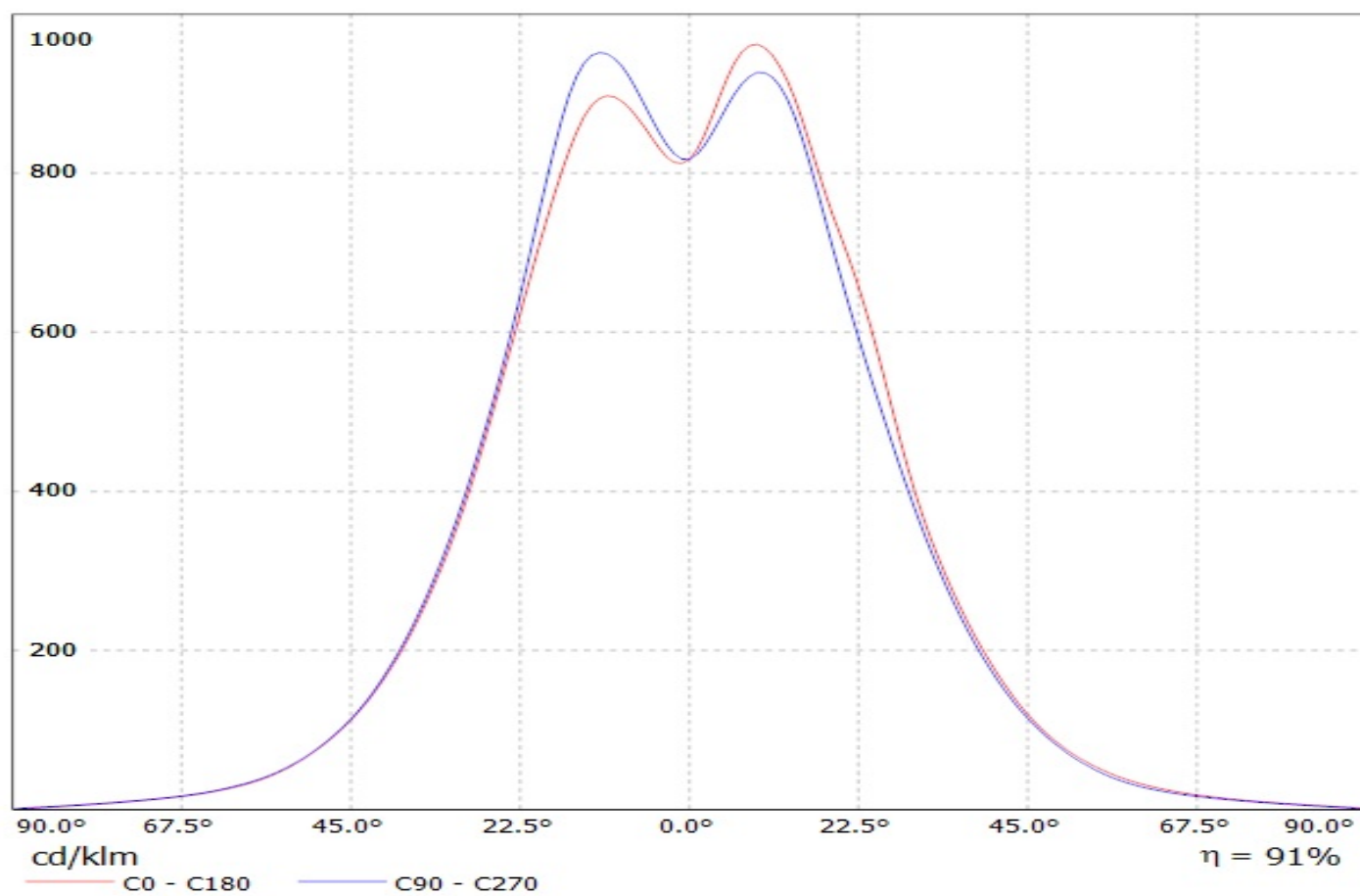
Luminaire: Ledil Oy FA11903_TINA3-WWW (Cree XT-E 98lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XT-E 98lm @ 250mA



Luminaire: LEDiL Oy FA11903_TINA3-WW_(XP-L) Eff.90.7%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



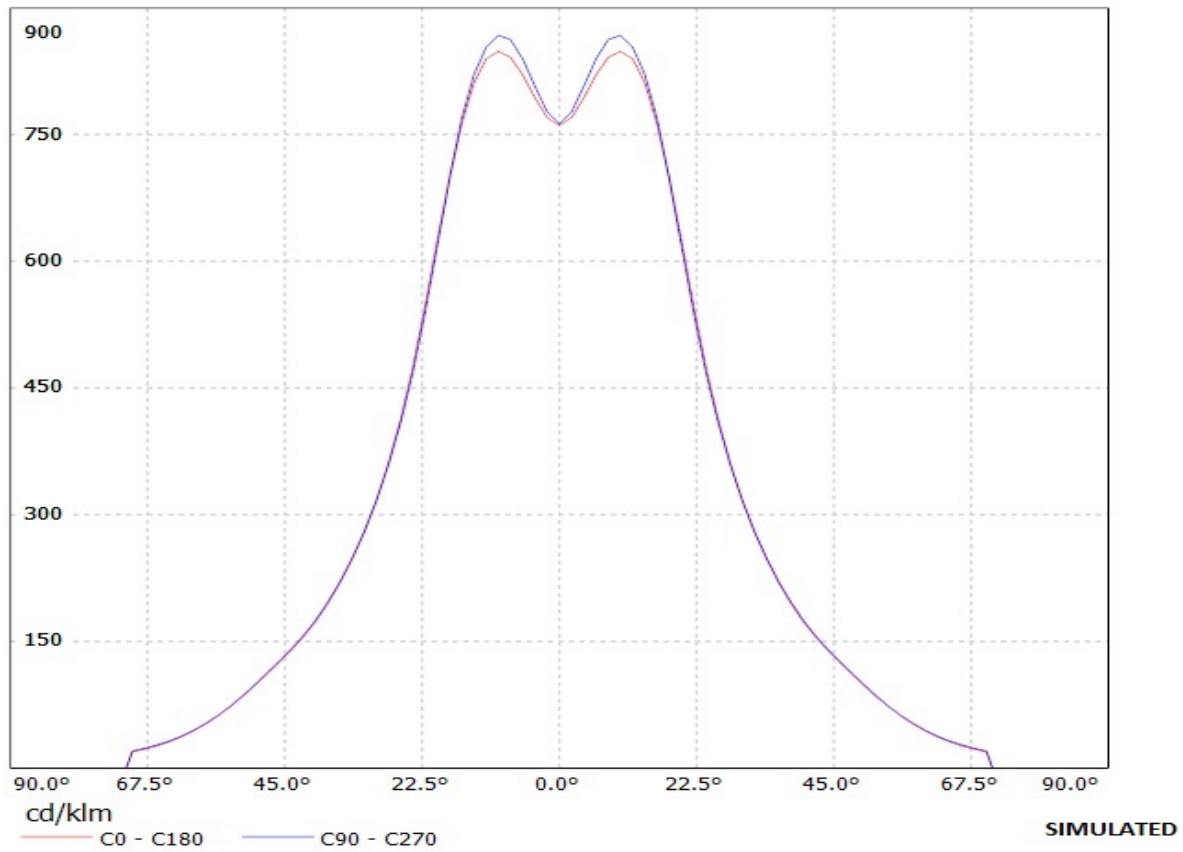
Luminaire: LEDiL Oy FA11903_TINA3-WWW_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_113.703lm@250mA_P=0.743328W_I=0.2499A



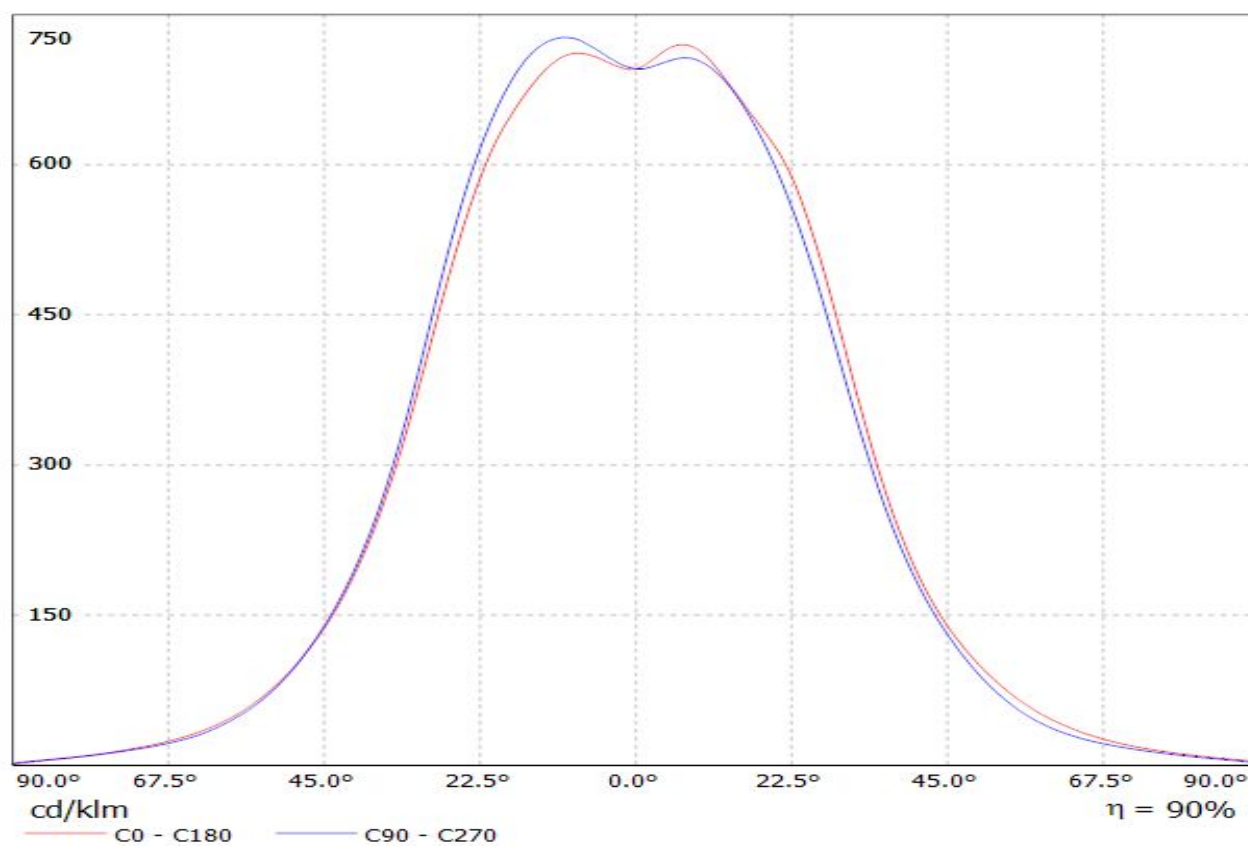
Ledil Oy FA11903_Tina3-WW-XM FA11903_Tina3-WW-XM LOR=89% / LDC (Linear)

Luminaire: Ledil Oy FA11903_Tina3-WW-XM FA11903_Tina3-WW-XM LOR=89%

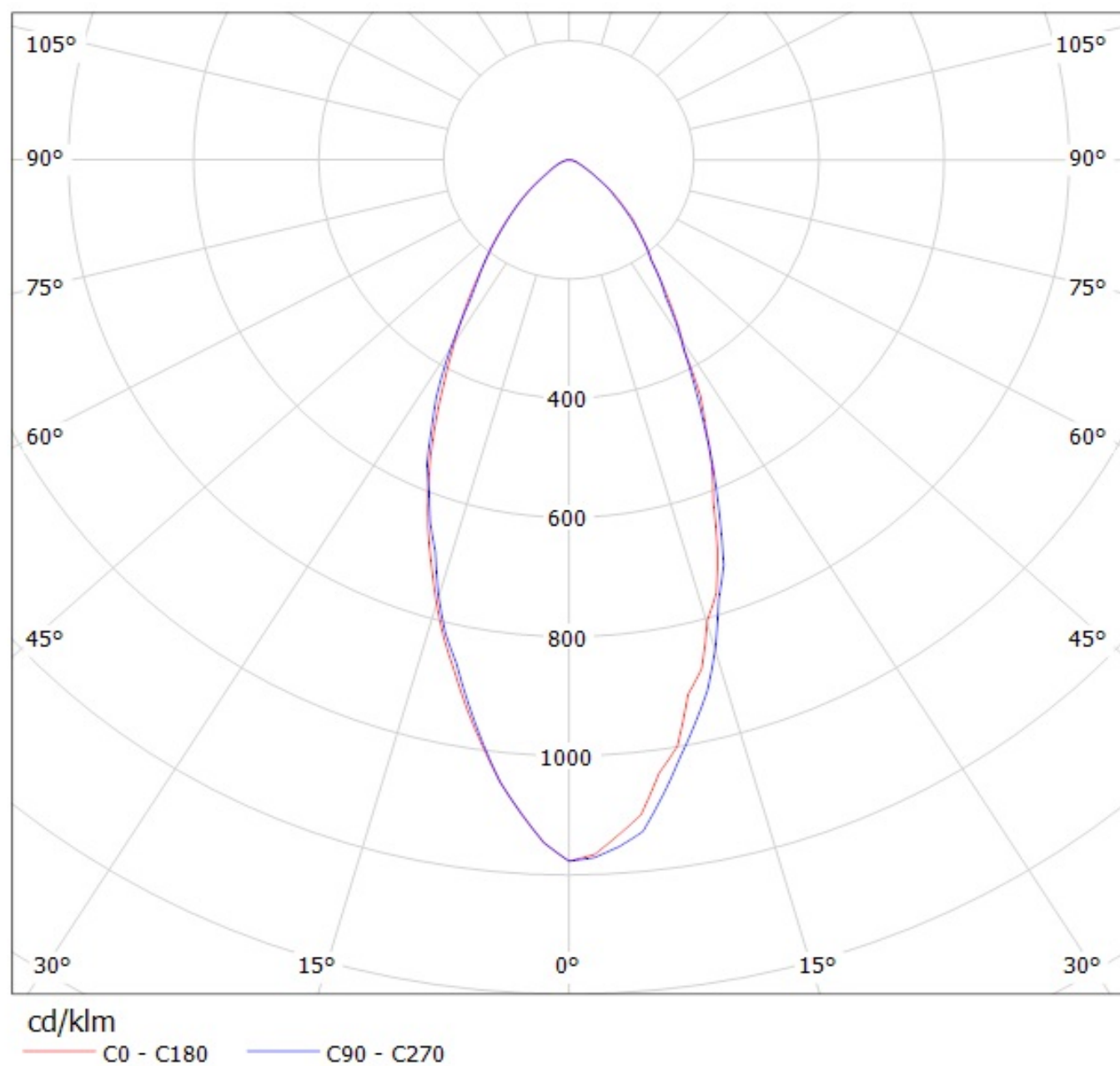
Lamps: 1 x Cree XM-L



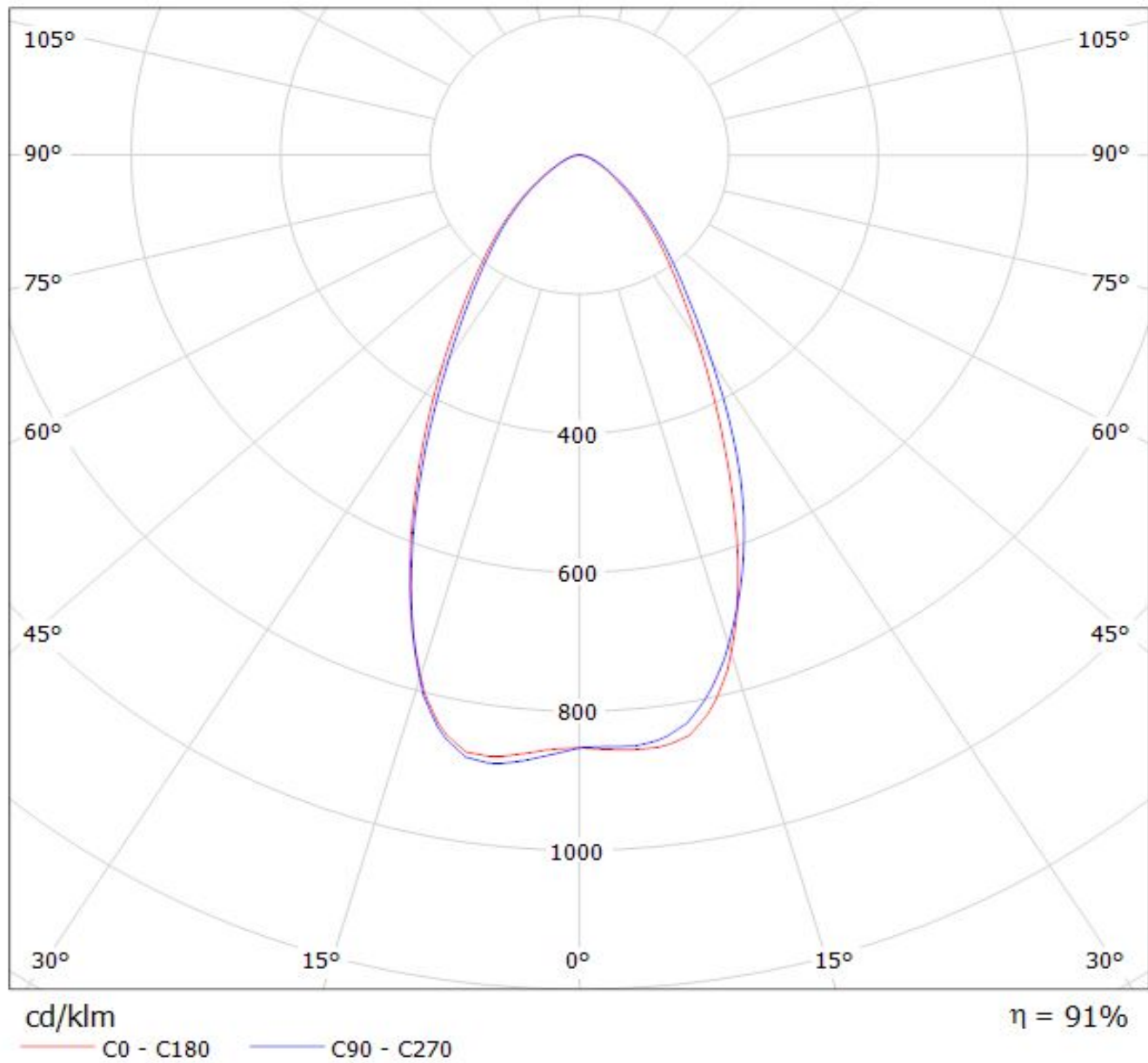
Luminaire: LEDiL Oy FA11903_TINA3-WWW_(NS9x383) Eff. 90,2%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: Ledil Oy FA11903_TINA3-WW (Cree XT-E 98lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XT-E 98lm @ 250mA

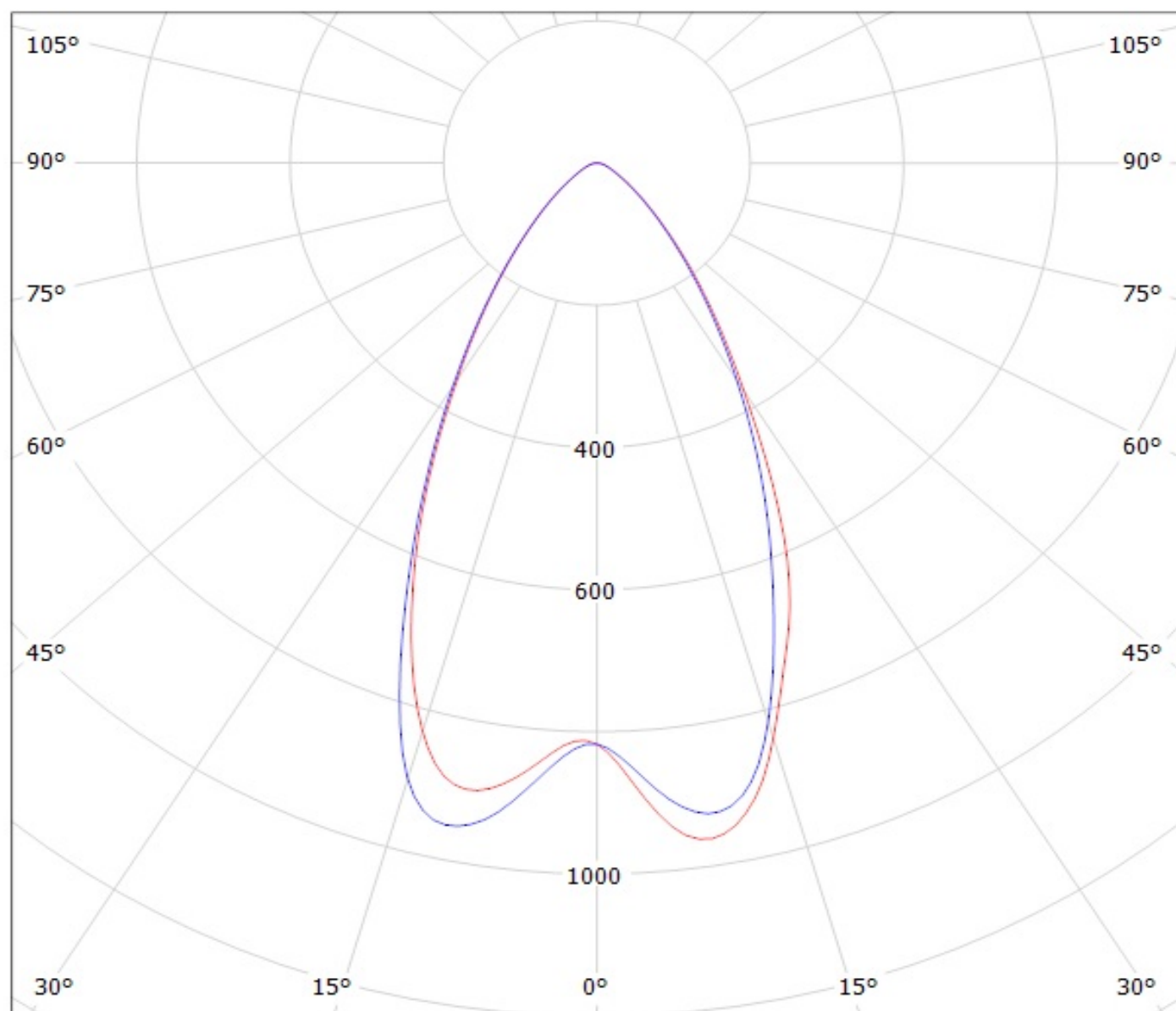


Luminaire: LEDiL Oy FA11903_TINA3-WW_(XP-L) Eff.90.7%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



Luminaire: LEDiL Oy FA11903_TINA3-WW_(XP-L_HI)

Lamps: 1 x Cree_XP-L_HI_113.703lm@250mA_P=0.743328W_I=0.2499A



cd/klm

— C0 - C180

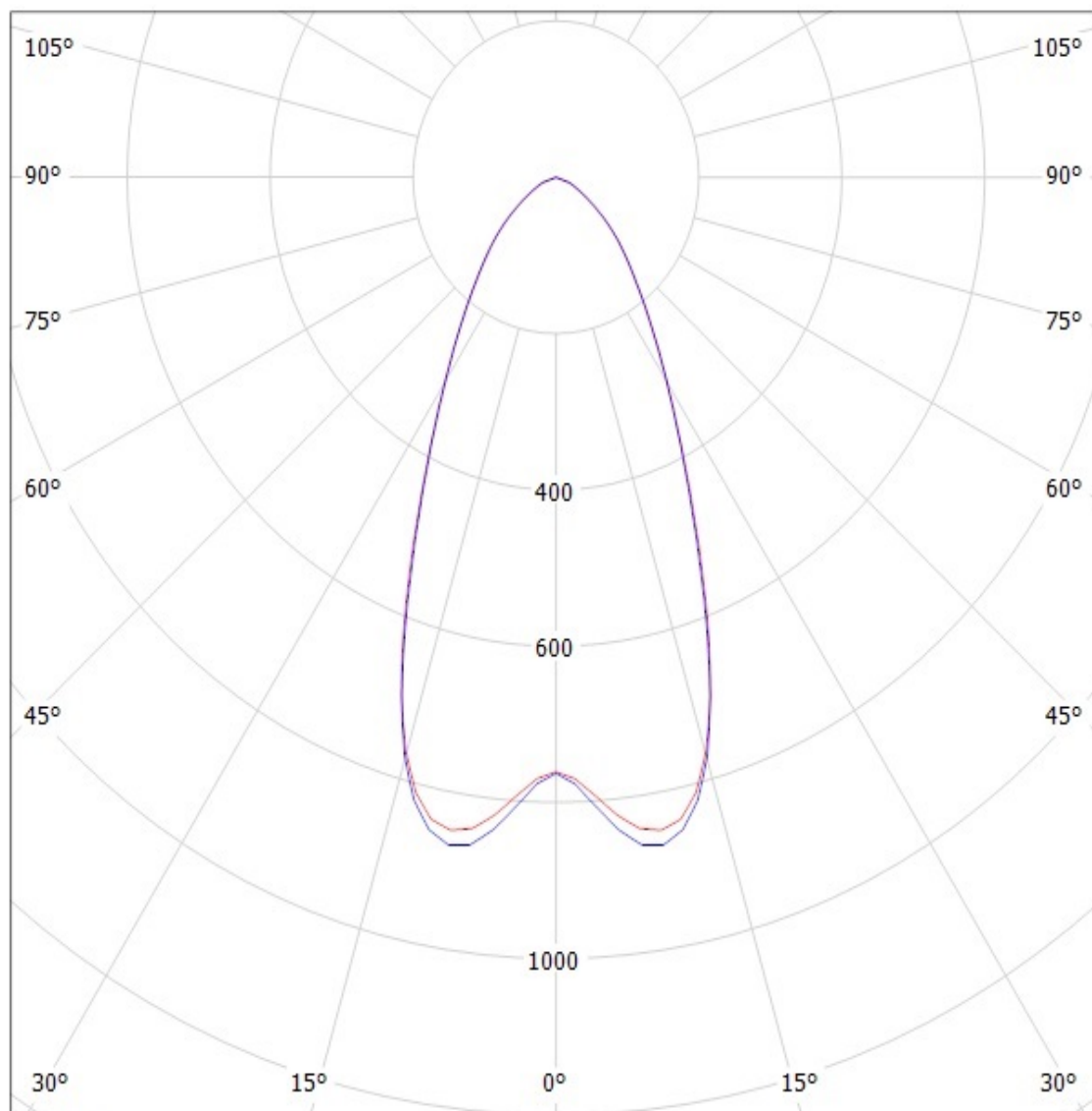
— C90 - C270

$\eta = 91\%$

Ledil Oy FA11903_Tina3-WW-XM FA11903_Tina3-WW-XM LOR=89% / LDC (Polar)

Luminaire: Ledil Oy FA11903_Tina3-WW-XM FA11903_Tina3-WW-XM LOR=89%

Lamps: 1 x Cree XM-L

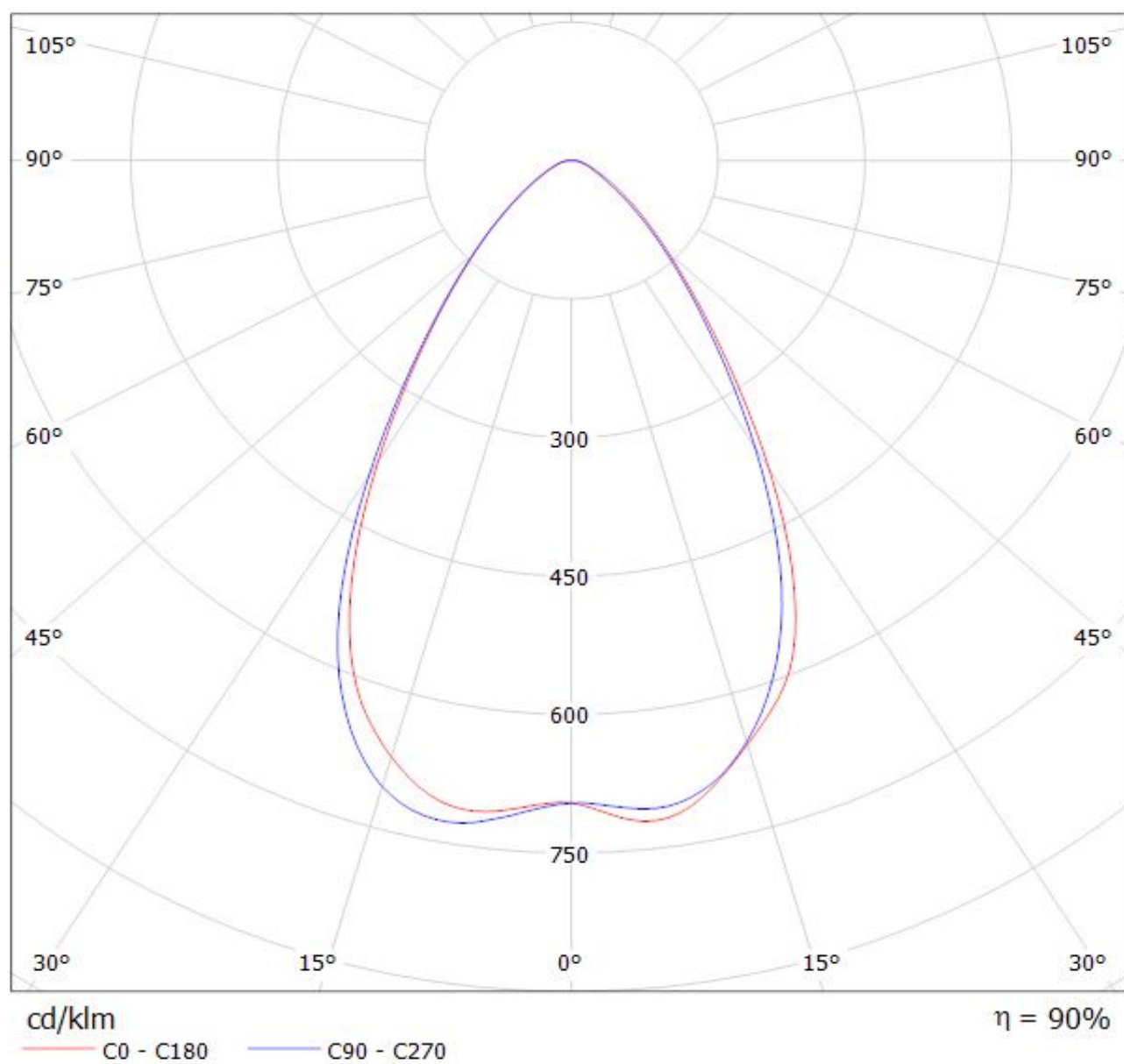


cd/klm

C0 - C180 C90 - C270

SIMULATED

Luminaire: LEDiL Oy FA11903_TINA3-WW_(NS9x383) Eff. 90,2%
Lamps: 1 x Nichia NS9x383 (105lm@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.