

DETAILS

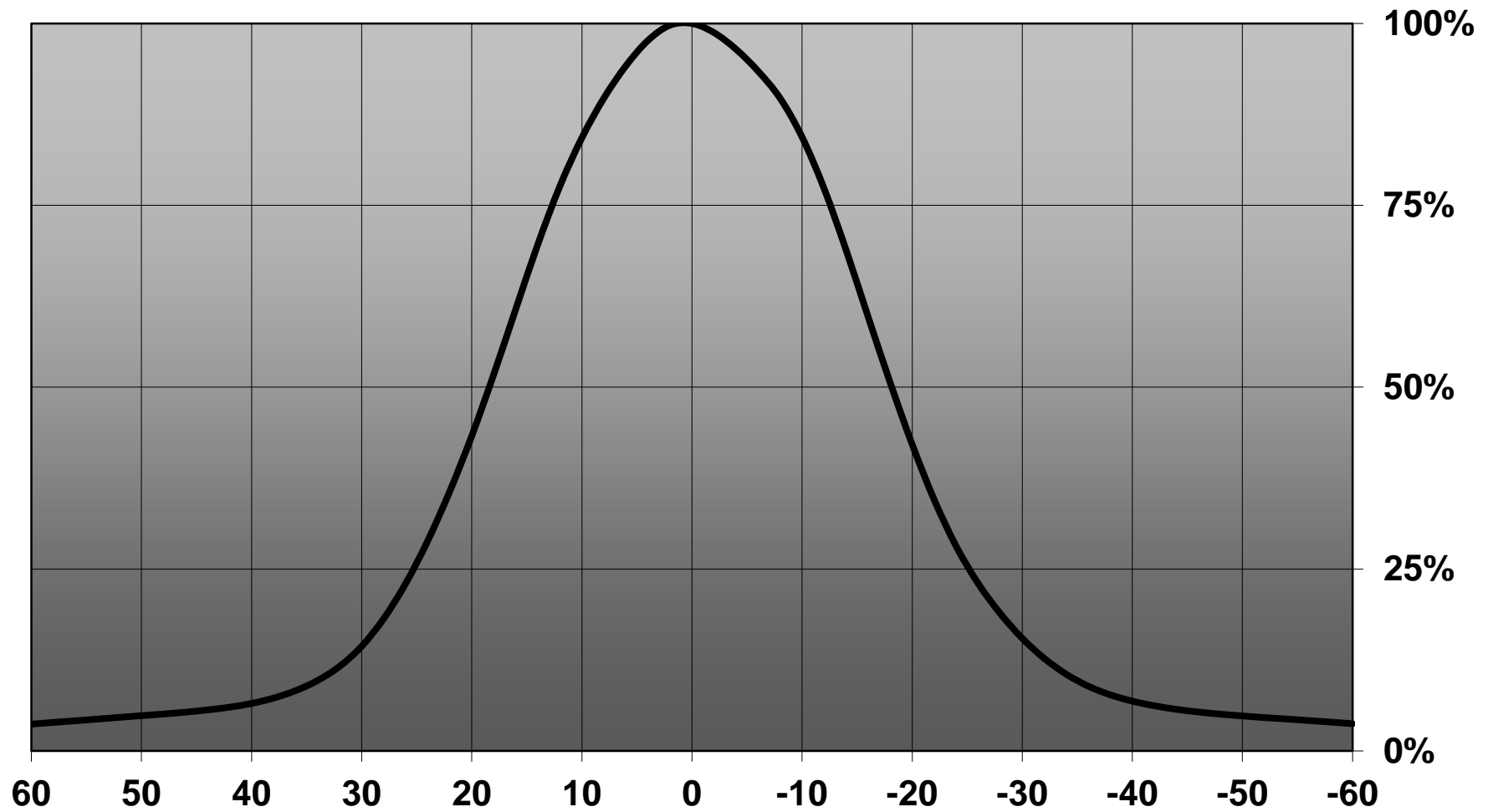
Product Number	FA11902_TINA3-W
Family	Tina3
Type	Assembly
Color	white
Diameter	16,1 mm
Height	7,3 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	23/09/2016



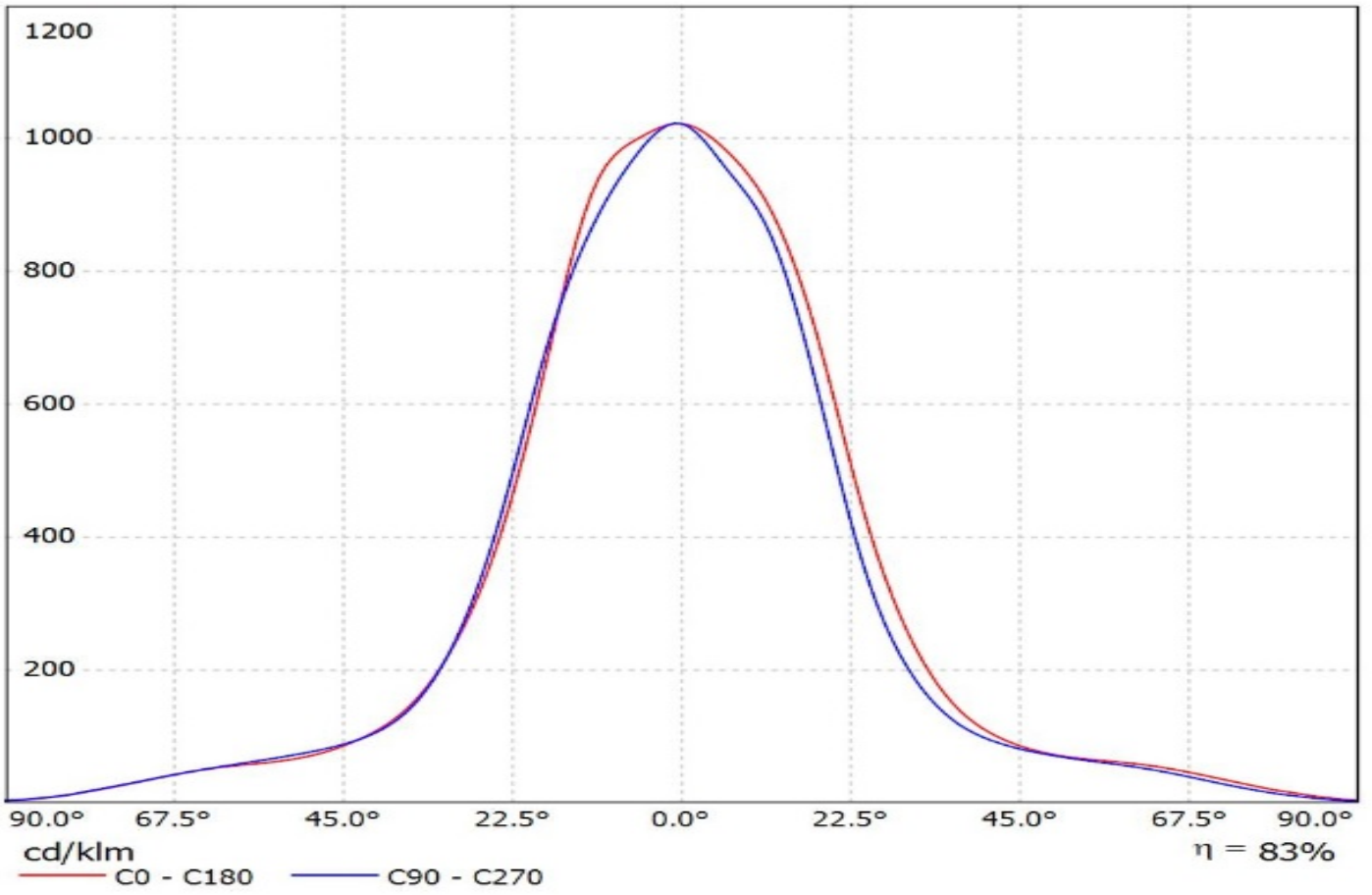
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	43 deg	Wide	94 %	1.000	-
XM-L HVW	sim: 50	Wide	89 %	-	-
XT-E	30 deg	Wide	92 %	2.300	-
XM-L2	38 deg	Wide	91 %	-	-
XP-G2	32 deg	Wide	89 %	2.000	-
XP-L	34 deg	Wide	89 %	1.570	-
XP-L HI	31 deg	Wide	91 %	2.000	-
NS9x383	48 deg	Wide	90 %	1.100	-
Oslo SSL 80	sim: 20	Wide	-	-	-

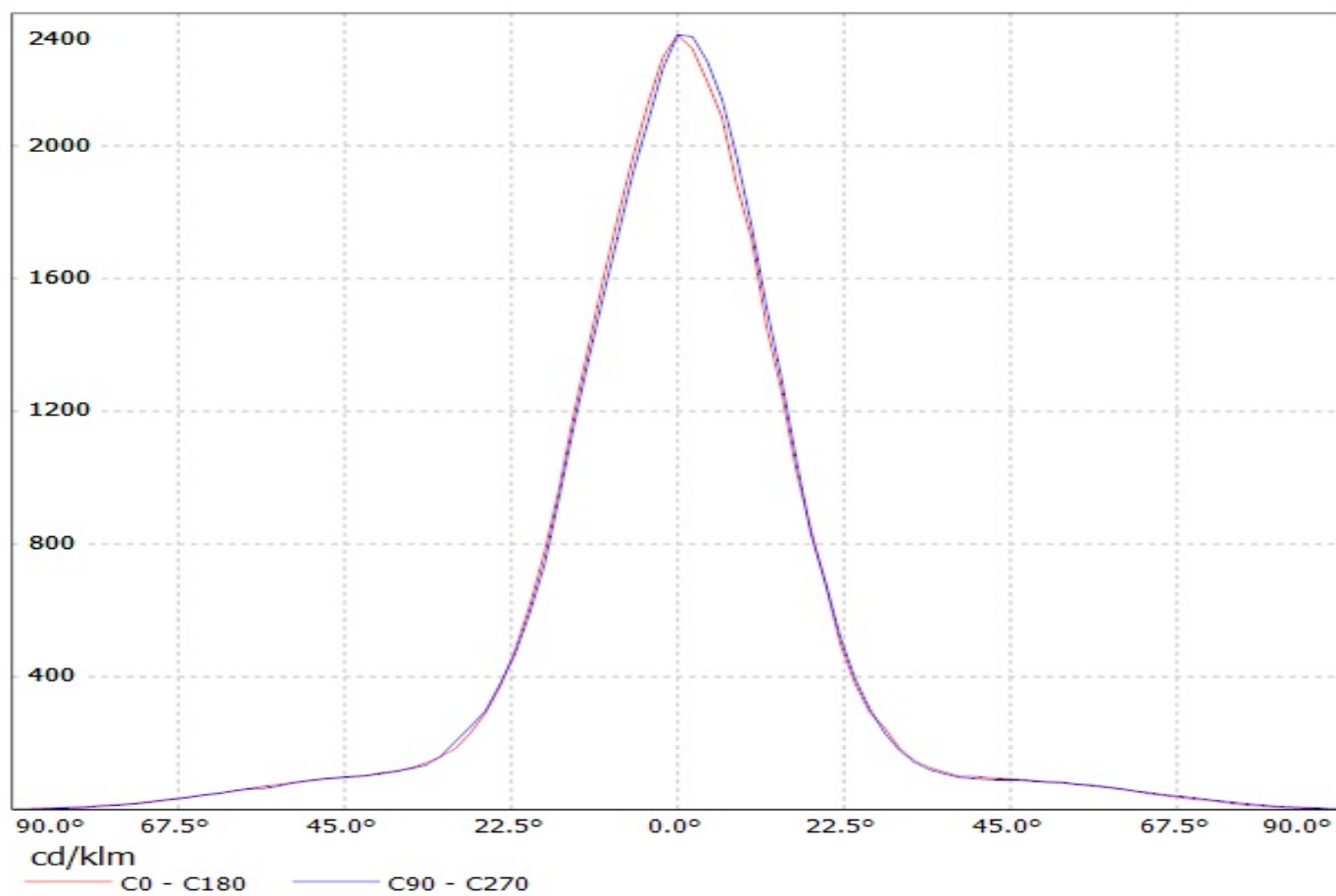
Relative intensity of FA11902_TINA3-W_(XM-L2)



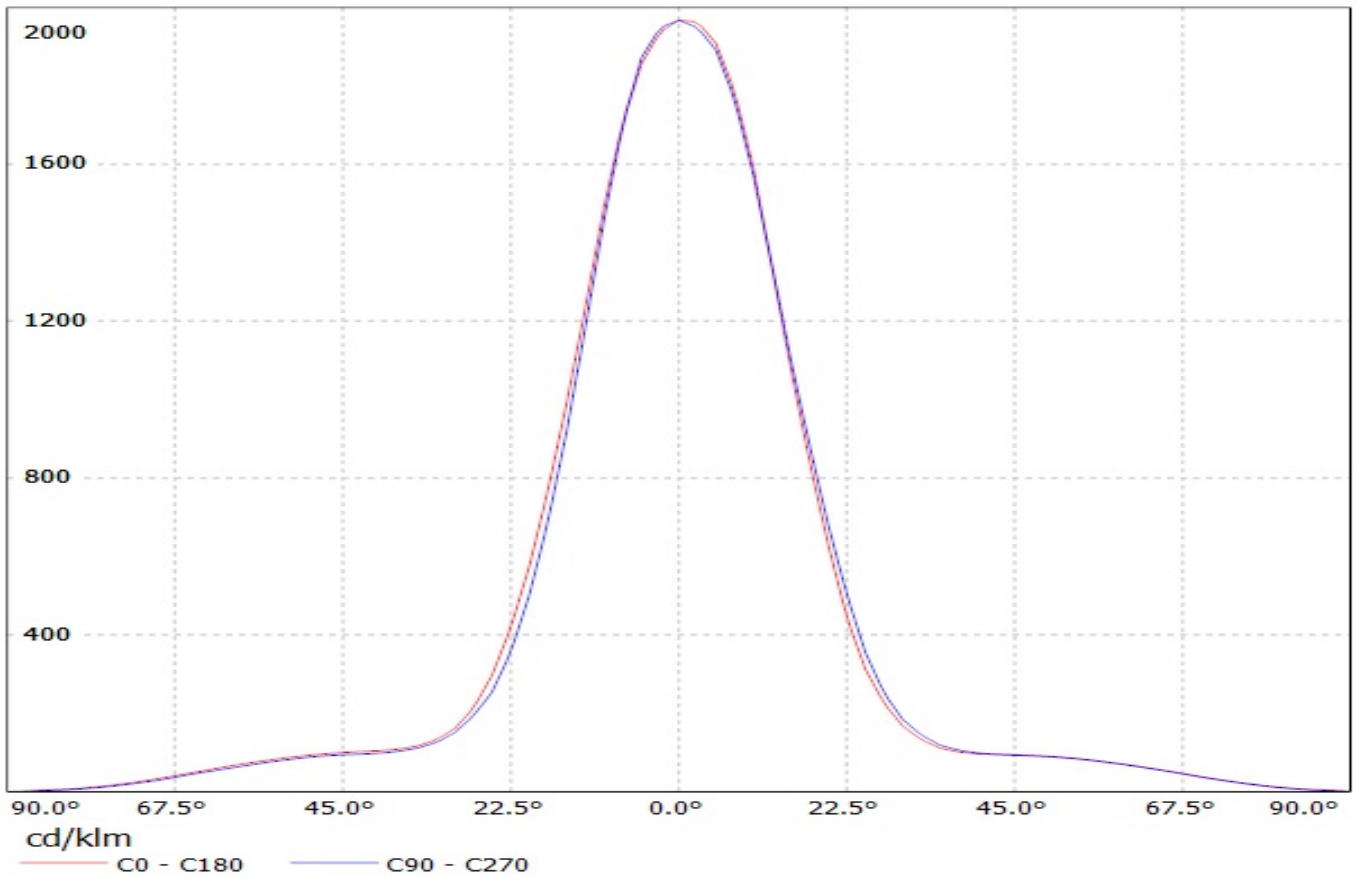
Luminaire: Ledil Oy
Lamps: 1 x FA11902_TINA3-W_(XM-L)



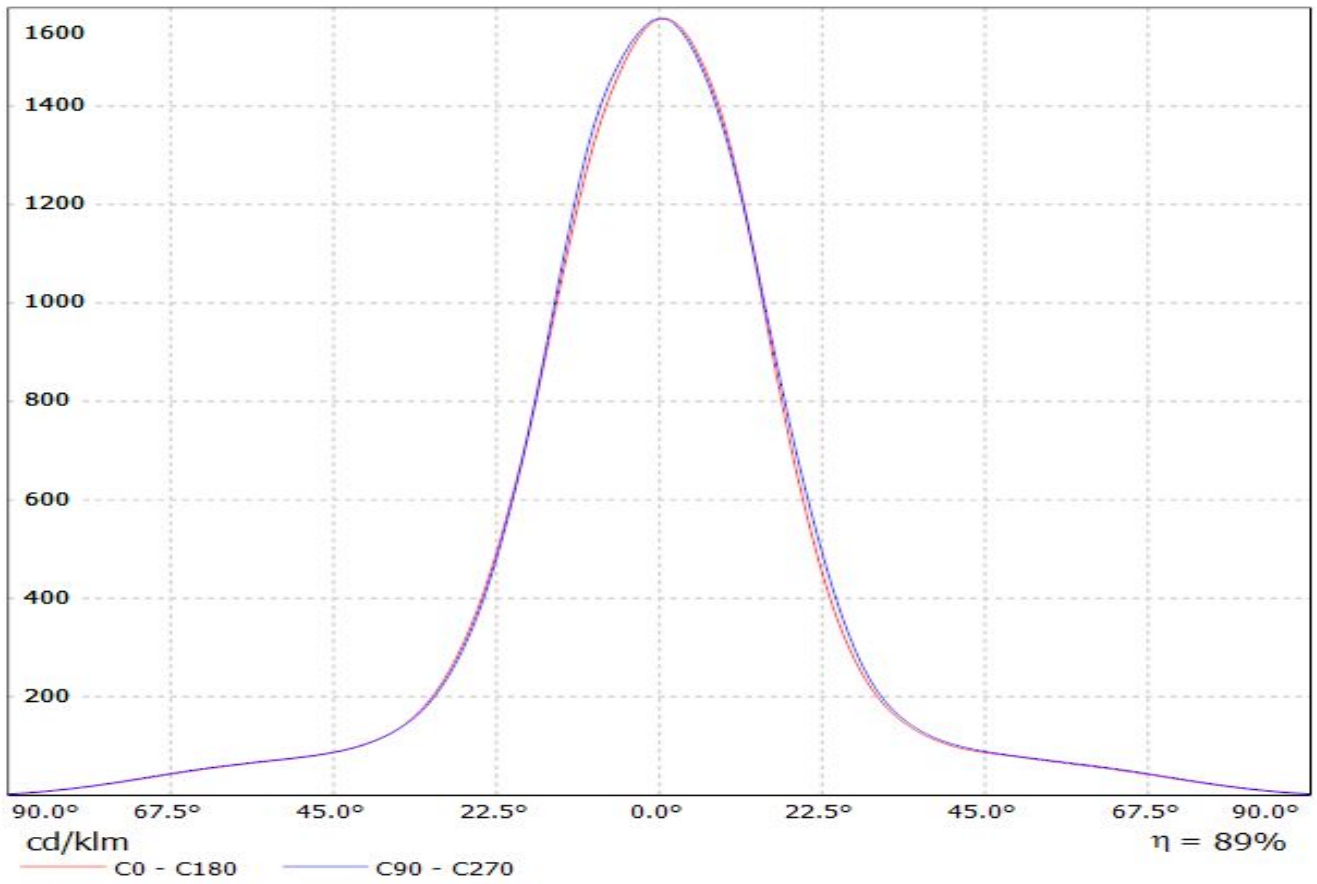
Luminaire: Ledil Oy FA11902_TINA3-W (cree XT-E 98lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XT-E 98lm @ 250mA



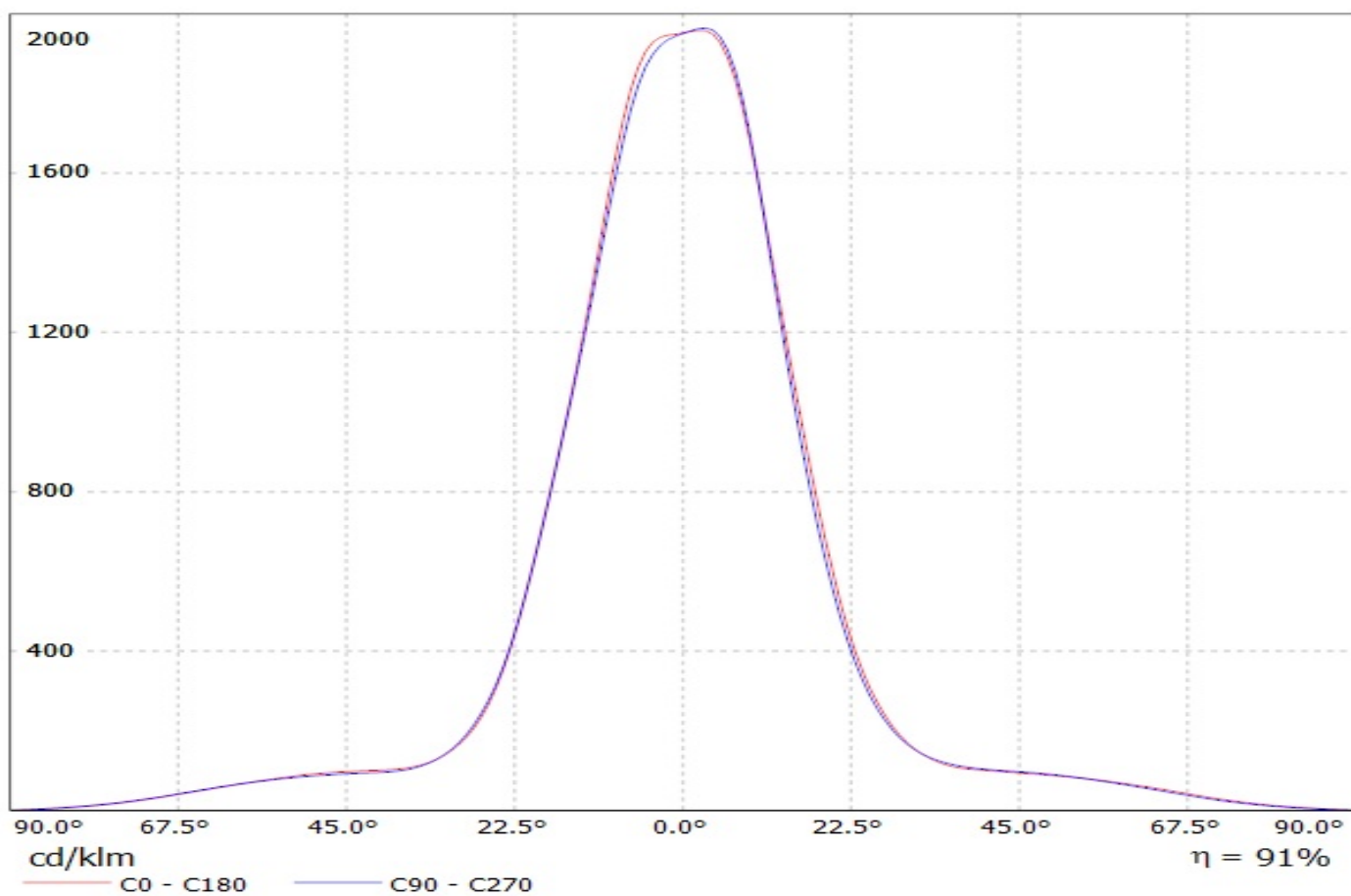
Luminaire: LEDil Oy FA11902_TINA3-W_(XP-G2) Efficiency=89%
Lamps: 1 x Cree XP-E2 (XPGBWT-L1-0000-00FE4) 101lm @ 250mA CCT=6600K P=0.7W I=250mA



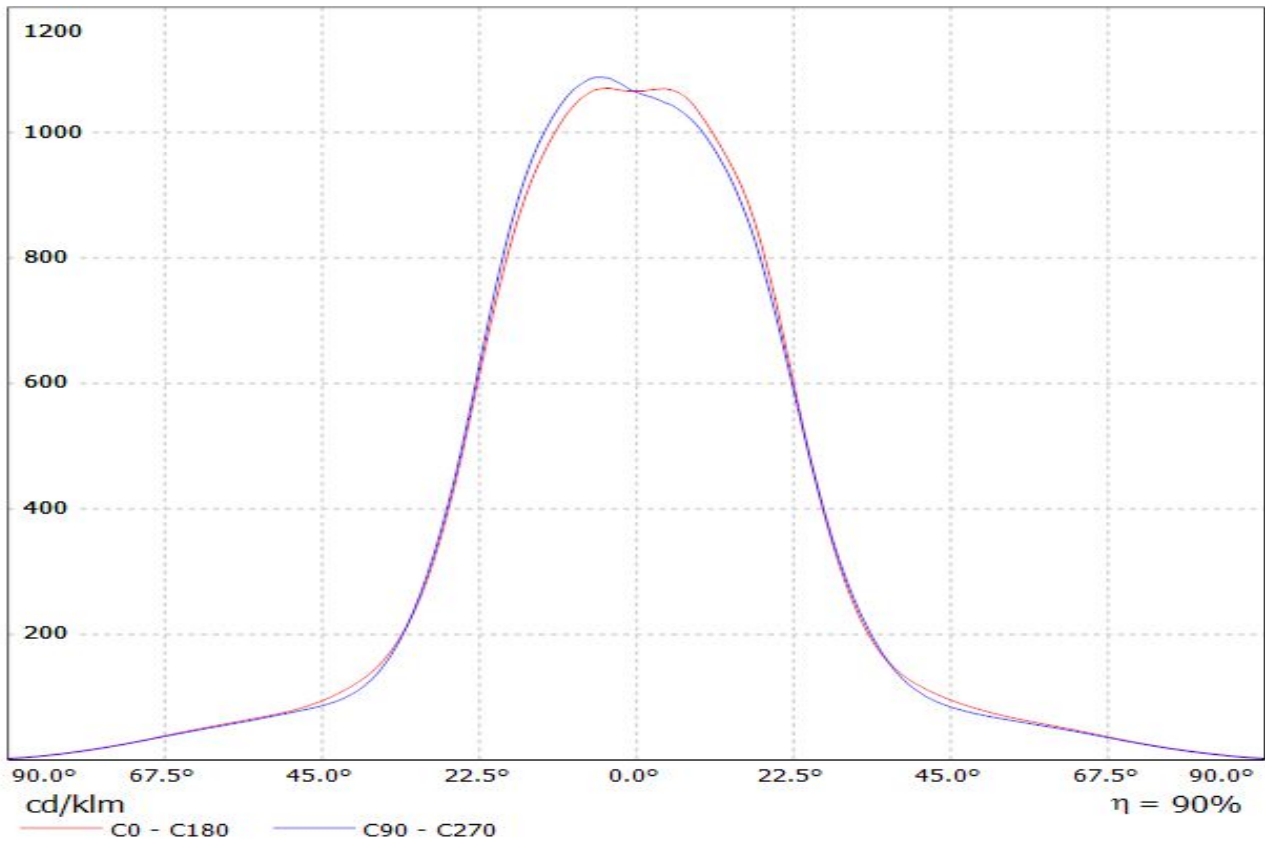
Luminaire: LEDiL Oy FA11902_TINA3-W_(XP-L) Eff.89.1%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



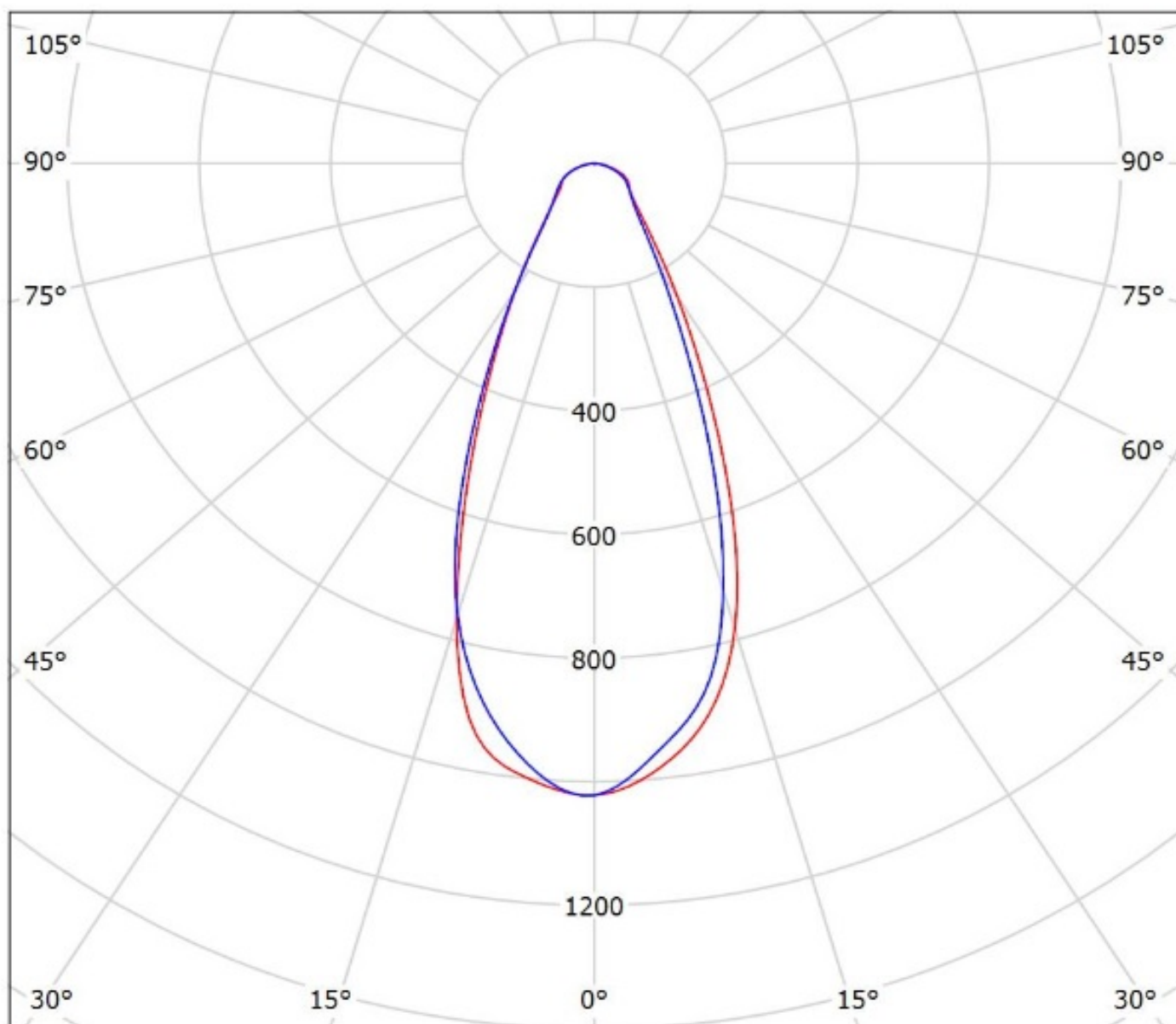
Luminaire: LEDiL Oy FA11902_TINA3-W_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_113.703lm@250mA_P=0.743328W_I=0.2499A



Luminaire: LEDiL Oy FA11902_TINA3-W_(NS9x383) Eff. 89,6%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: Ledil Oy
Lamps: 1 x FA11902_TINA3-W_(XM-L)

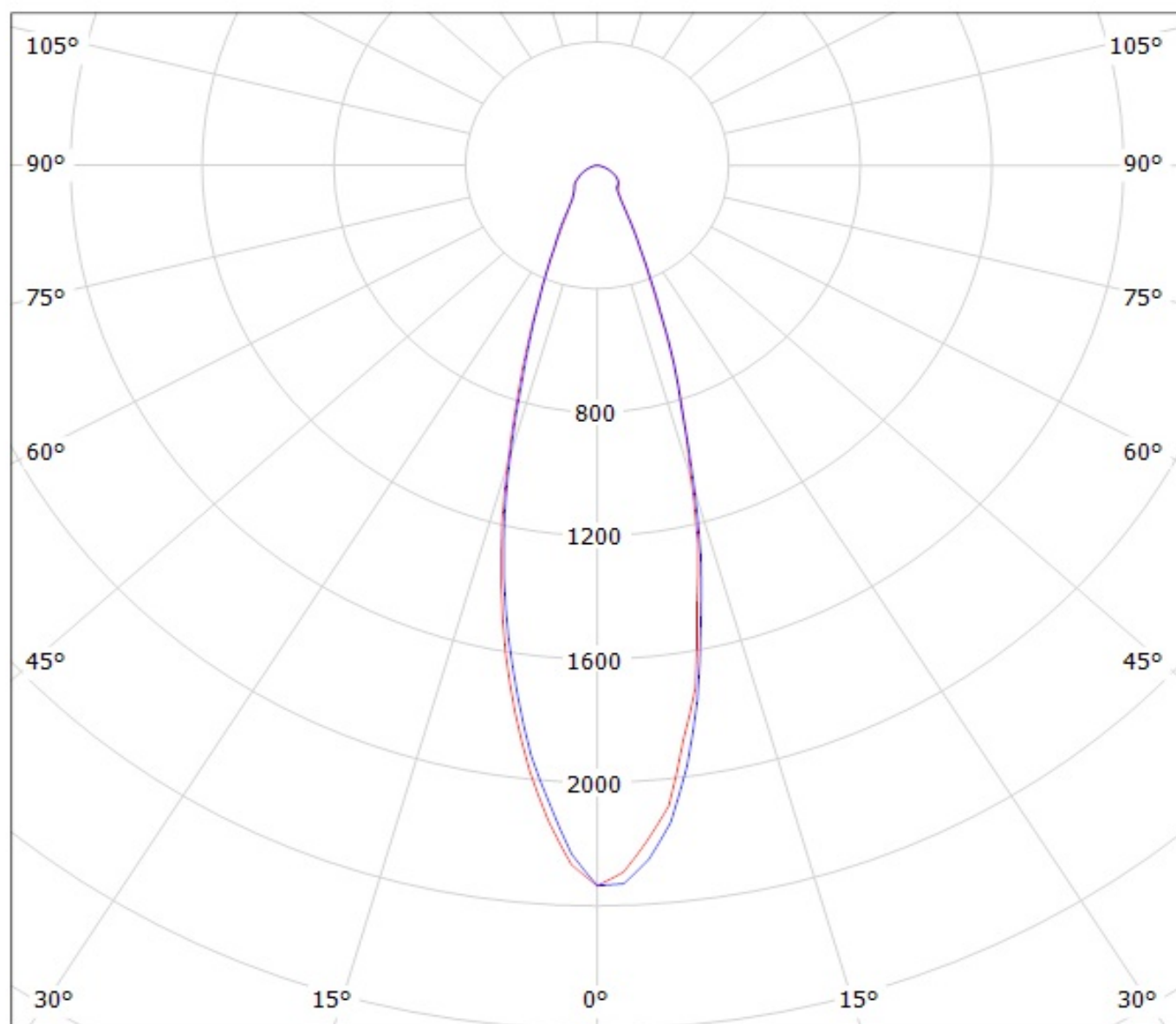


cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

Luminaire: Ledil Oy FA11902_TINA3-W (cree XT-E 98lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XT-E 98lm @ 250mA



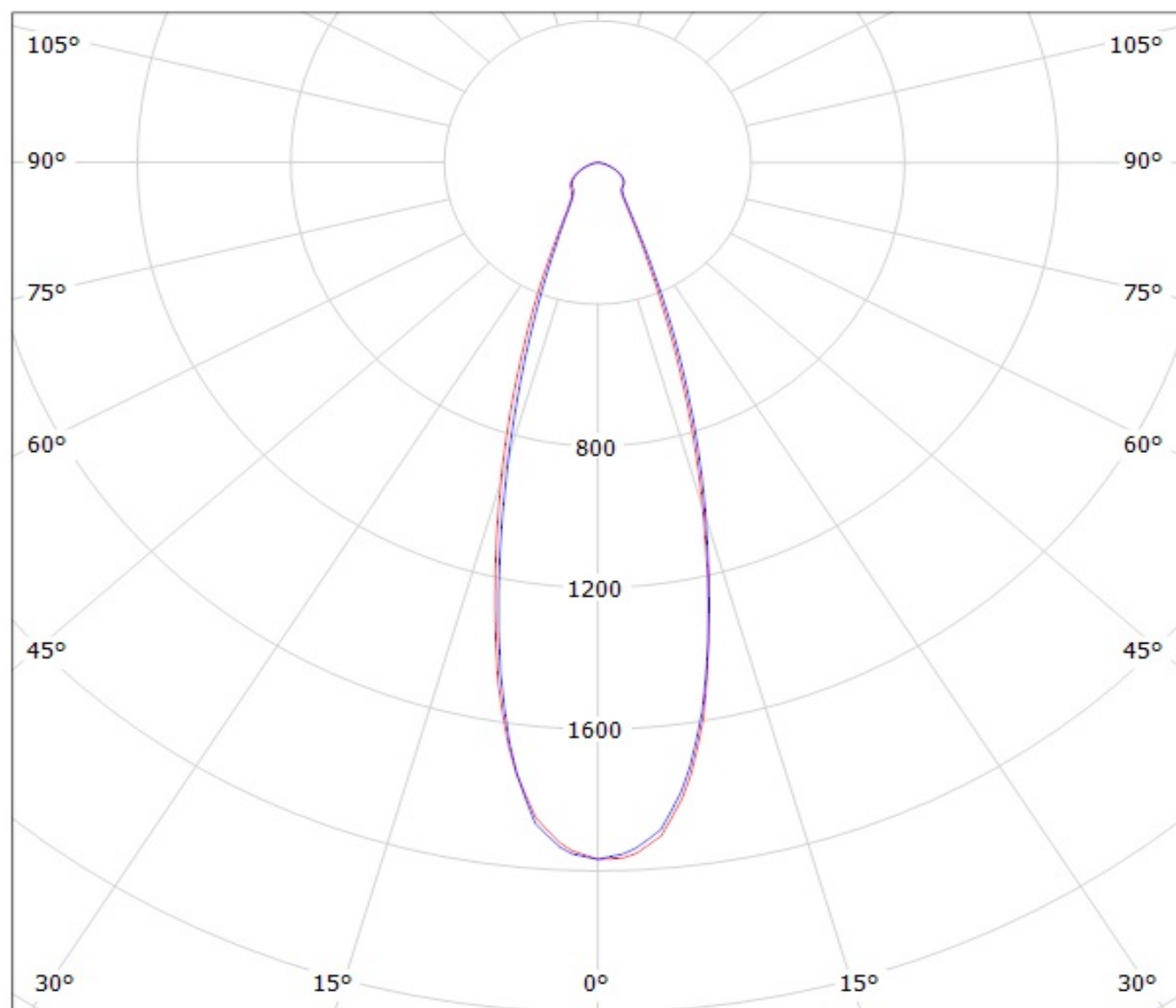
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy FA11902_TINA3-W_(XP-G2) Efficiency=89%

Lamps: 1 x Cree XP-E2 (XPGBWT-L1-0000-00FE4) 101lm @ 250mA CCT=6600K P=0.7W I=250mA

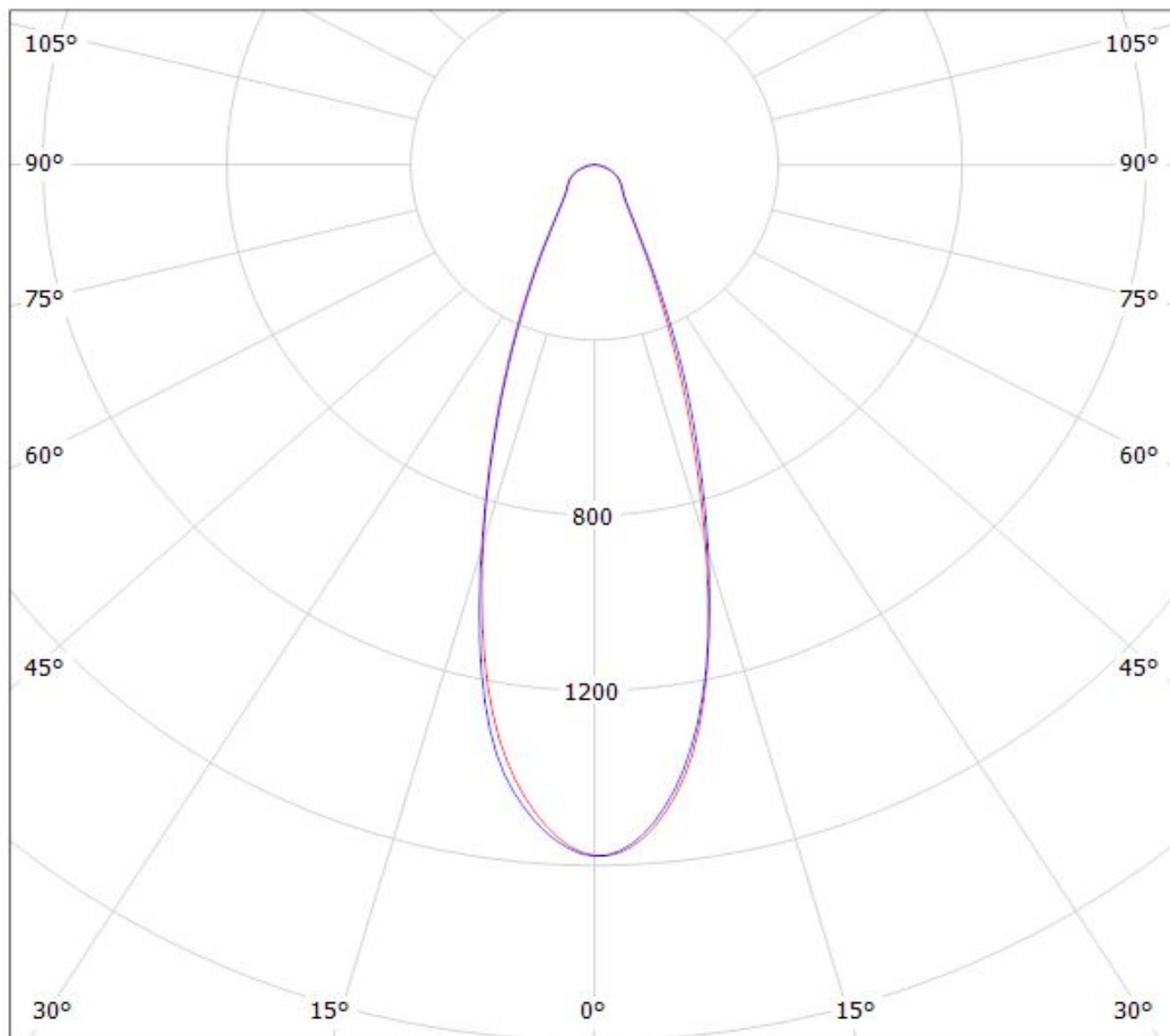


cd/klm

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Luminaire: LEDiL Oy FA11902_TINA3-W_(XP-L) Eff.89.1%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



cd/klm

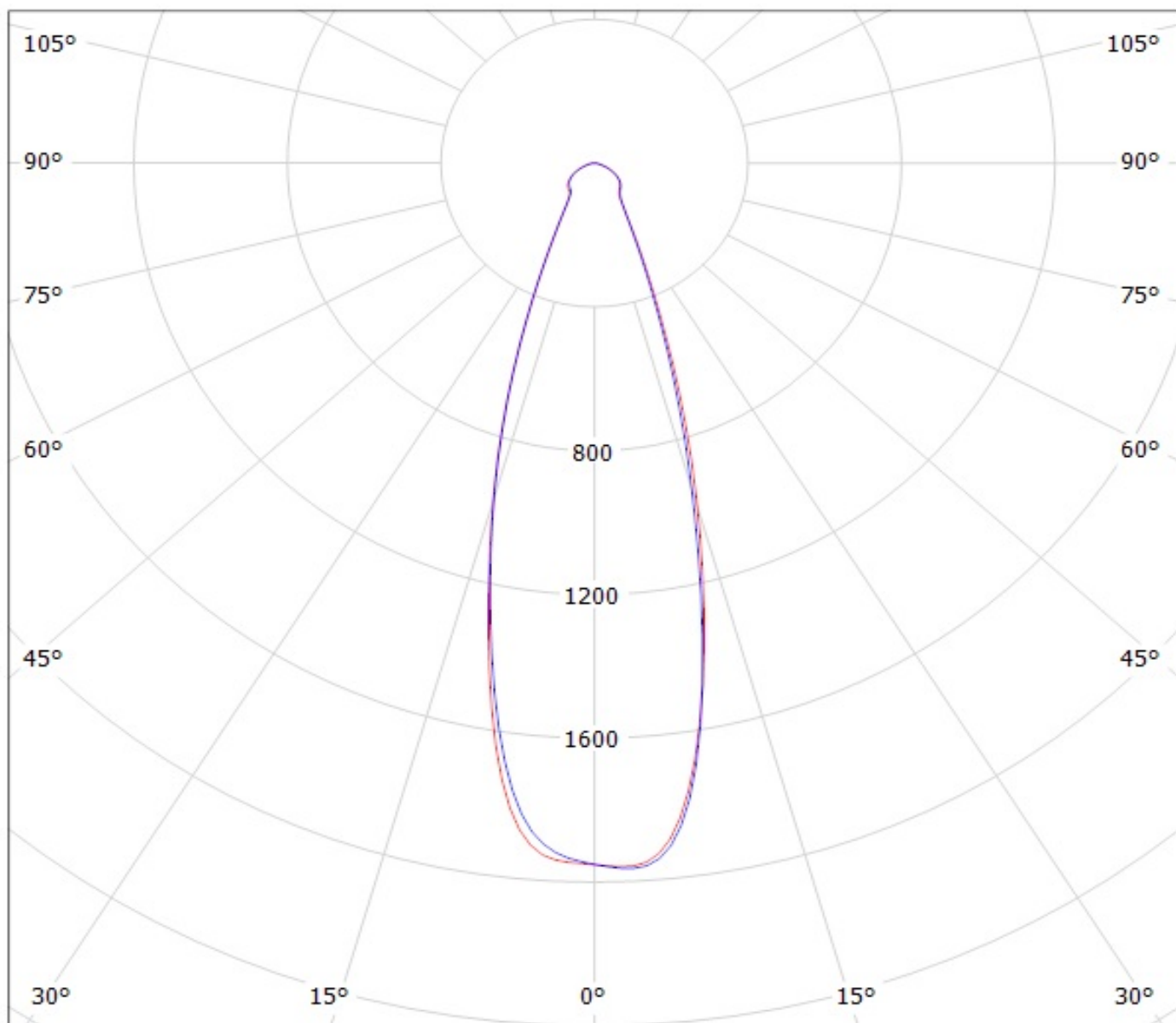
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy FA11902_TINA3-W_(XP-L_HI)

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cd/klm

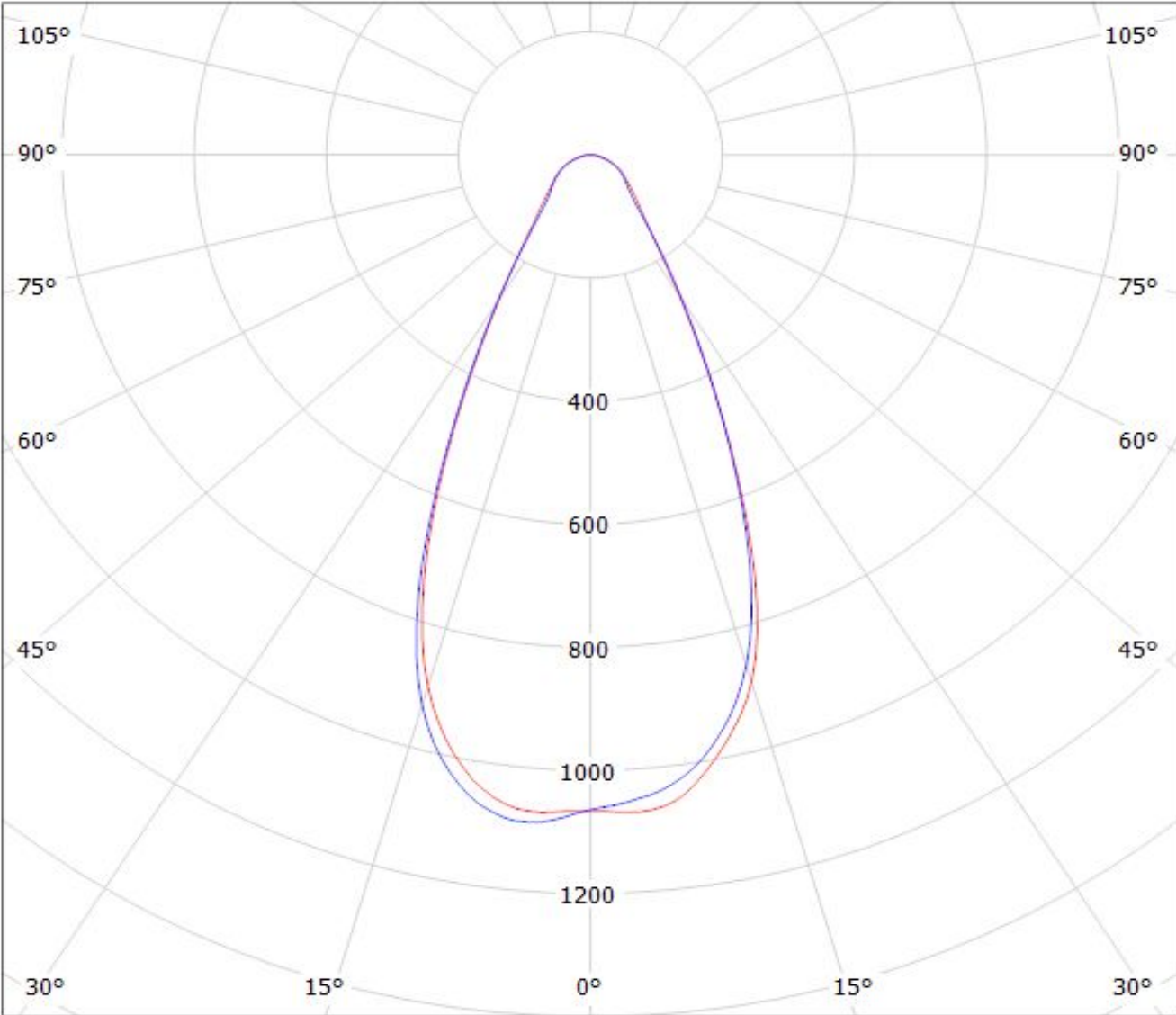
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy FA11902_TINA3-W_(NS9x383) Eff. 89,6%

Lamps: 1 x Nichia NS9x383 (105lm@250mA)



cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

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.