

DETAILS

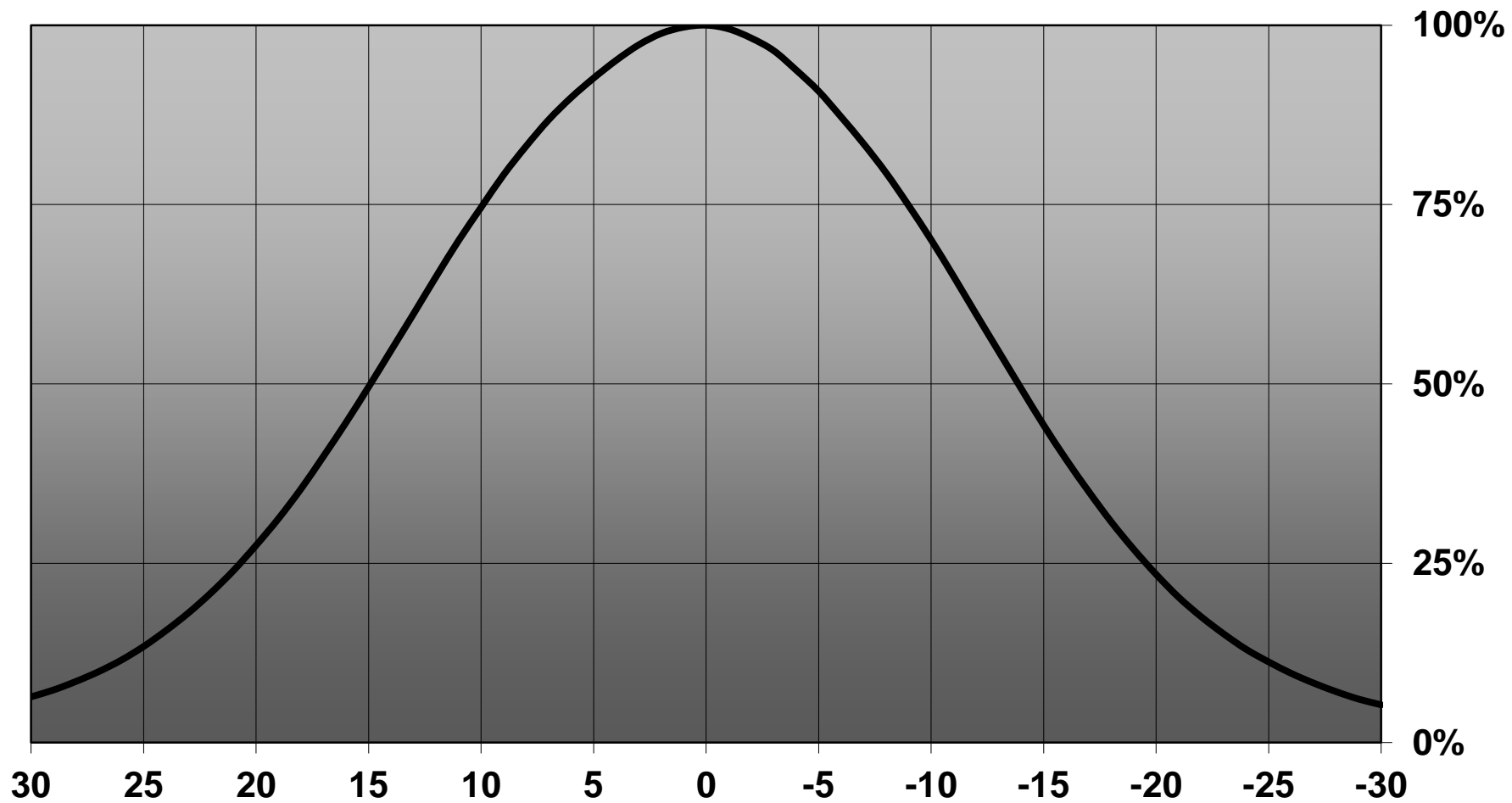
Product Number	CA11017_TINA2-M
Family	Tina
Type	Assembly
Color	black
Diameter	16,1 mm
Height	9,7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape
Status	production ready
ROHS Compliant	Yes
Date Updated	15/07/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XP-E	31 deg	Medium	89 %	2.560	-
XP-G	30 deg	Medium	88 %	2.800	-
XP-E-HEW	30 deg	Medium	-	2.290	-
XT-E	31 deg	Medium	81 %	2.600	-
XP-G2	26 deg	Medium	84 %	3.200	-
XP-E2	32 deg	Medium	86 %	3.000	-
H35C0 (LEMWA33)	30 deg	Medium	85 %	2.550	-
H35B0 (LEMWA32)	30 deg	Medium	86 %	2.800	-
H35C1 (LEMWA33)	31 deg	Medium	84 %	2.700	-
Fortimo FastFlex LED board 2x8/757 DS	33 deg	Medium	83 %	2.800	-
Z5M1/Z5M2	29 deg	Medium	84 %	2.900	-

Relative intensity of CA11017_TINA2-M_(Z5M2)

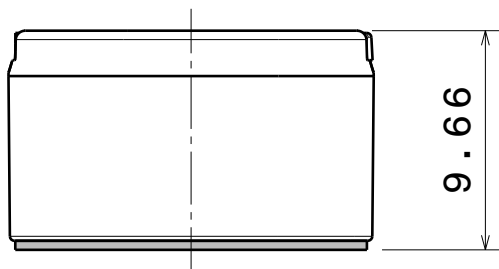


D

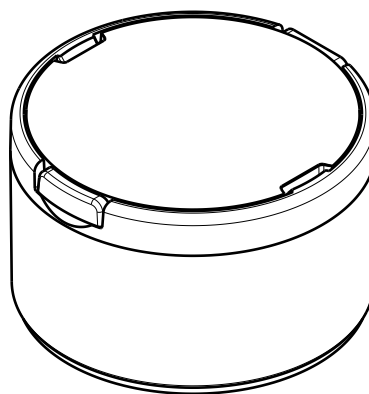
C

B

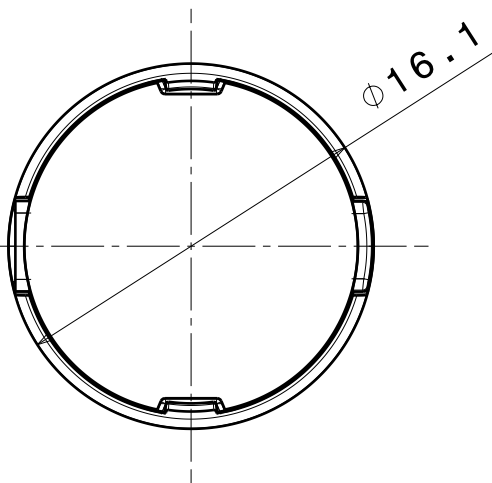
A



Bottom view
Scale: 3:1

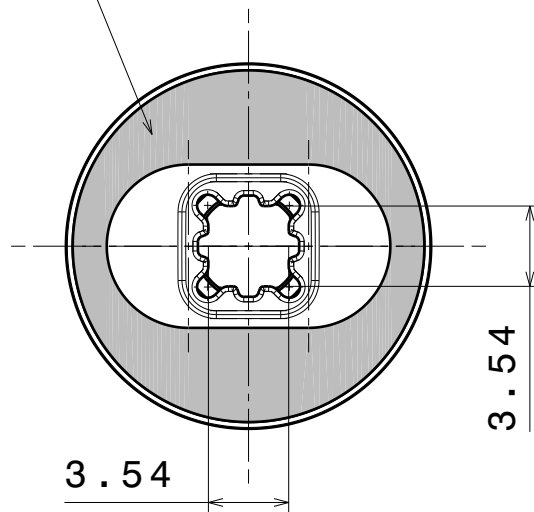


Isometric view
Scale: 3:1



Front view
Scale: 3:1

PU foam tape 0.4mm



Rear view
Scale: 3:1

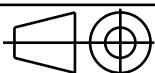
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	TINA2-lens	PMMA	
2	C11418	TINA2-XP-HLD-TAPE-BLK	PC	black

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

TINA2-XP-series assembly

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agreement with LEDiL Oy.

SIZE PART NUMBER

A4

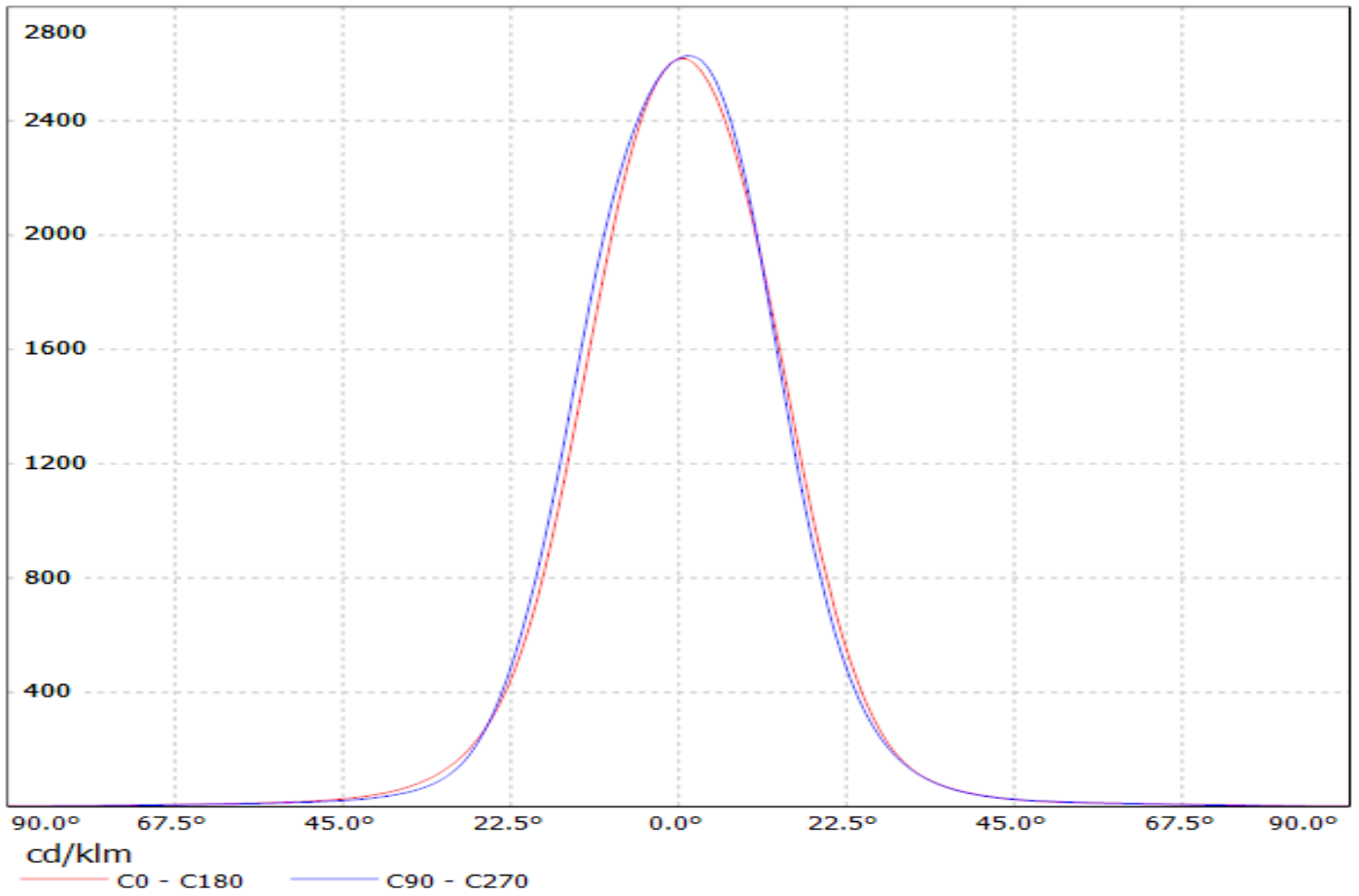
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SCALE 3:1 WEIGHT 1,3 g SHEET 1/1

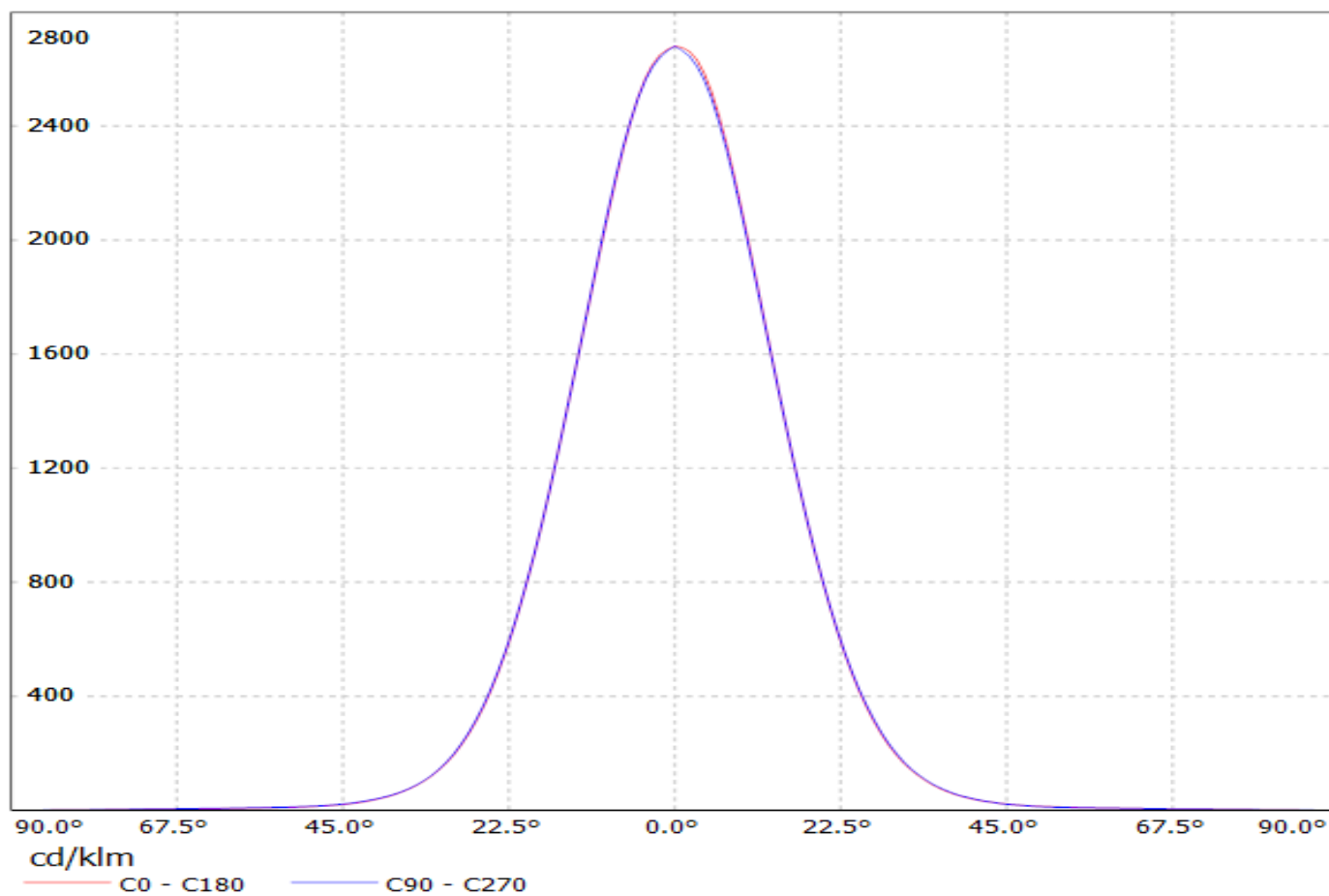
D

A

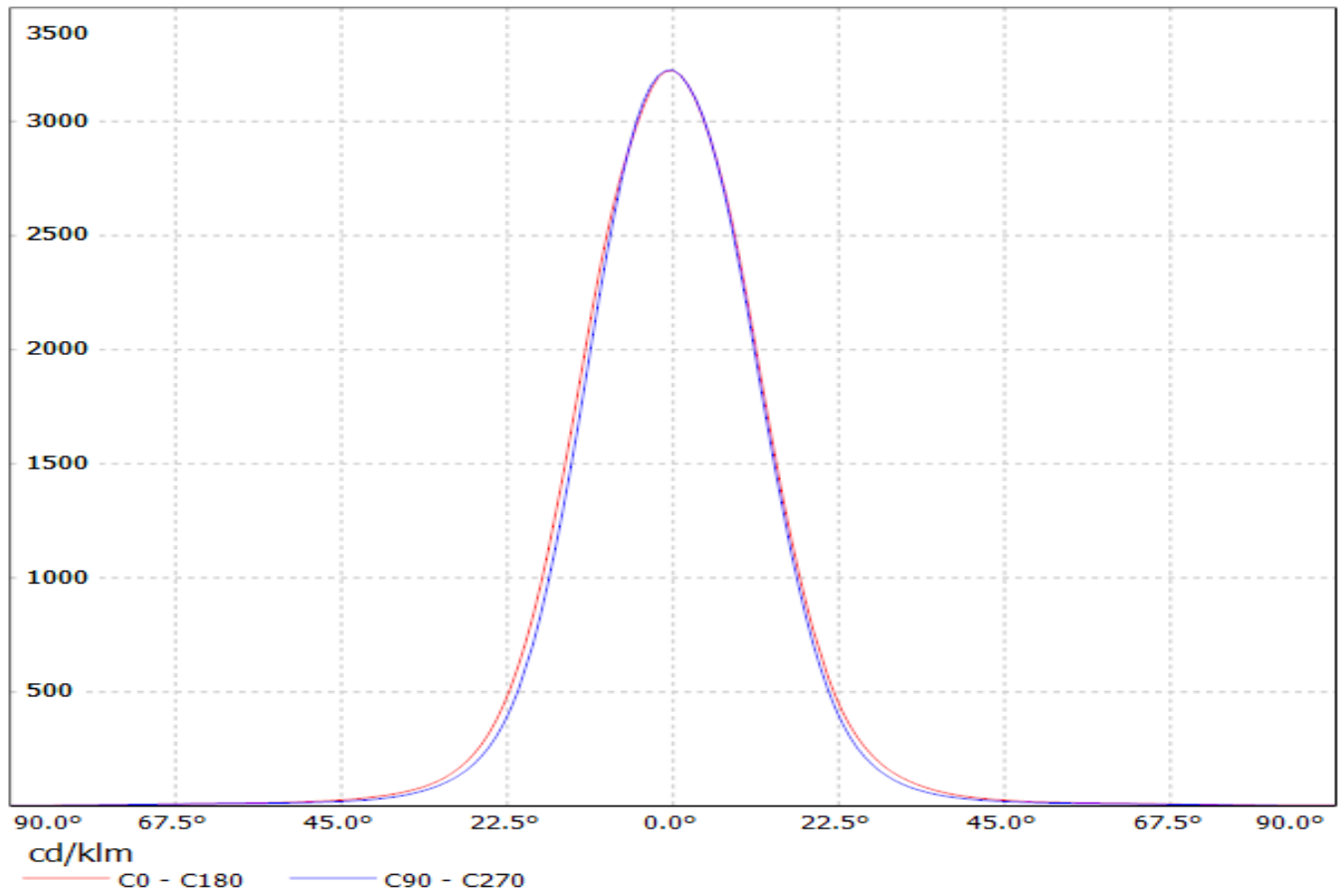
Luminaire: LEDIL OY CA11017_TINA2-M (XP-G) Efficiency=91%
Lamps: 1 x Cree XP-G (92lm@250mA)



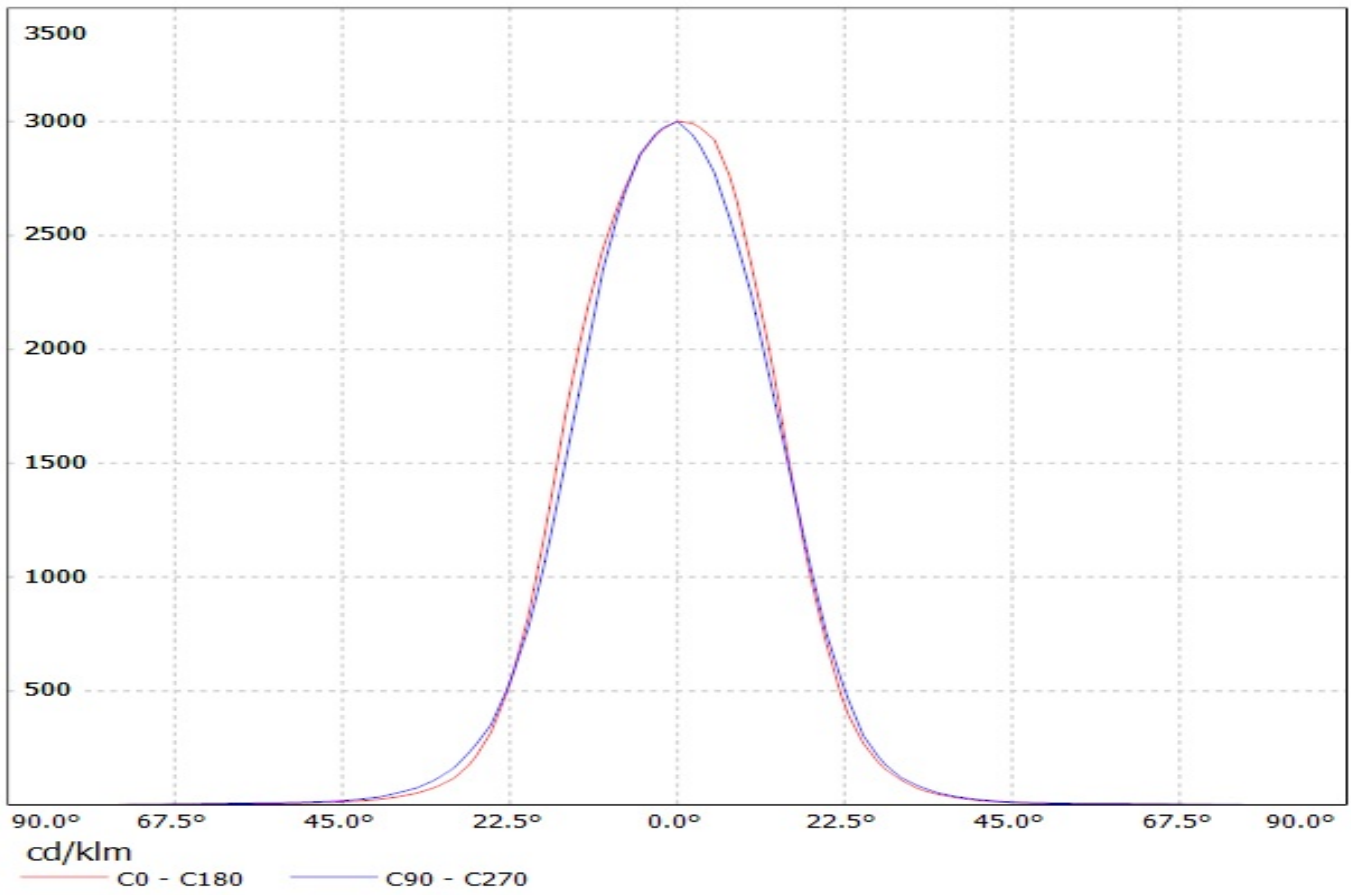
Luminaire: Ledil Oy CA11017_TINA2-M-XT-E_SIMULATED
Lamps: 1 x Cree XT-E 100lm



Valaisin: LEDIL OY CA11017_TINA2-M_(XP-G2) Efficiency=84%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)



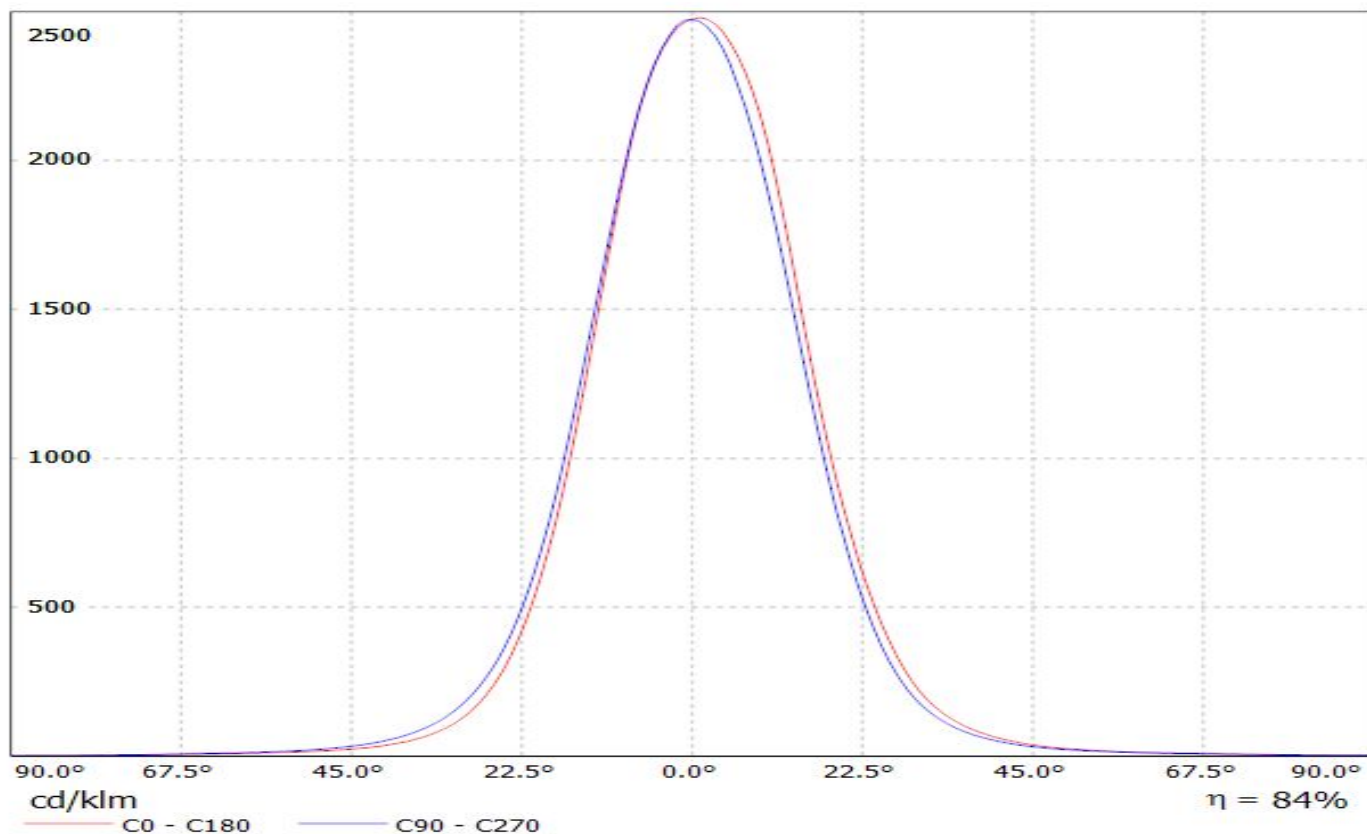
Luminaire: LEDIL CA11017_TINA2-M_(XP-E2) Efficiency=86%
Lamps: 1 x Cree XP-E2 (93lm @ 250mA) CCT=5600K P=0.8W I=250mA



LEDiL Oy CA11017_TINA2-M_(3535_Ceramic)_1 Eff.84.1% / LDC (Linear)

Luminaire: LEDiL Oy CA11017_TINA2-M_(3535_Ceramic)_1 Eff.84.1%

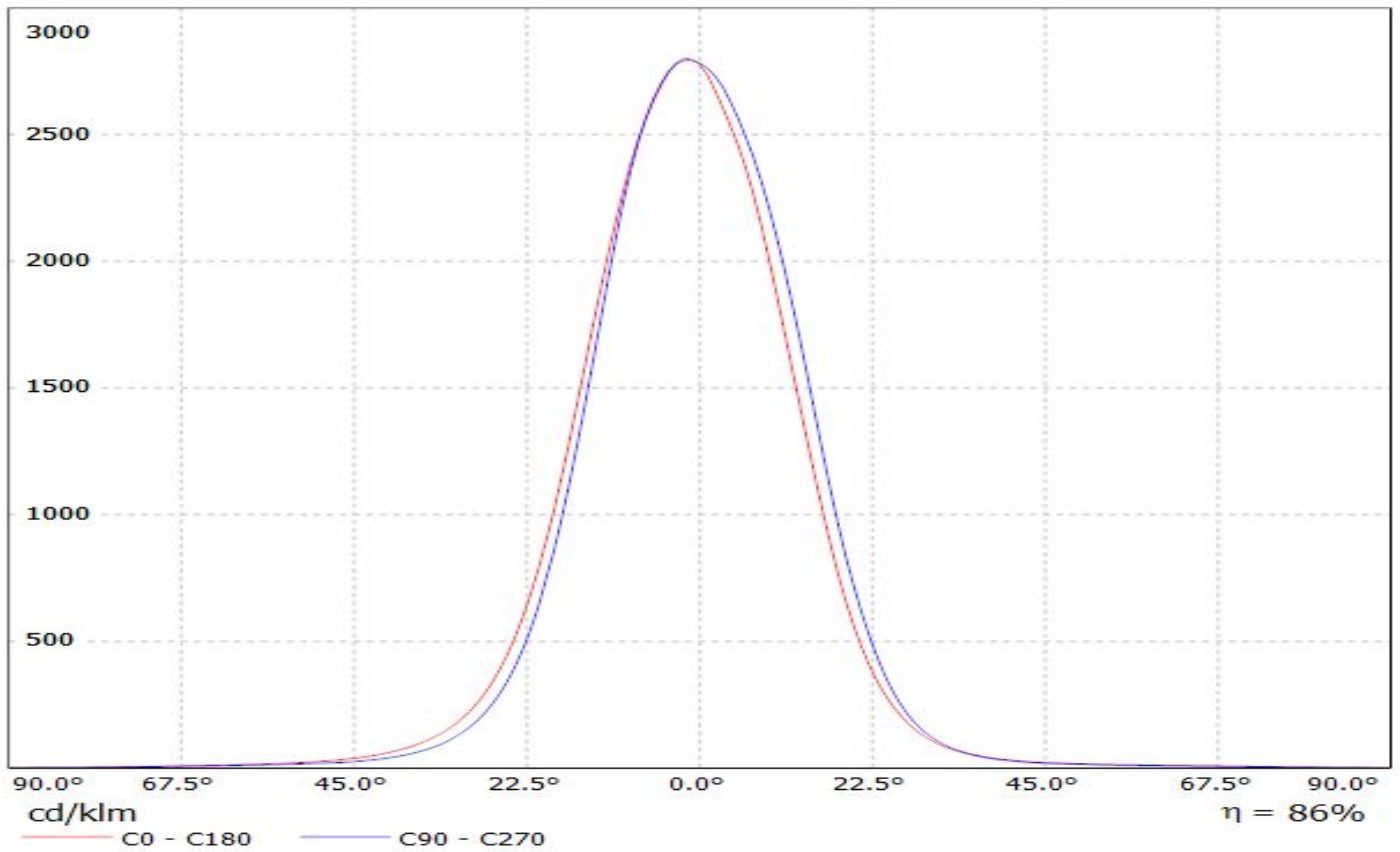
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)



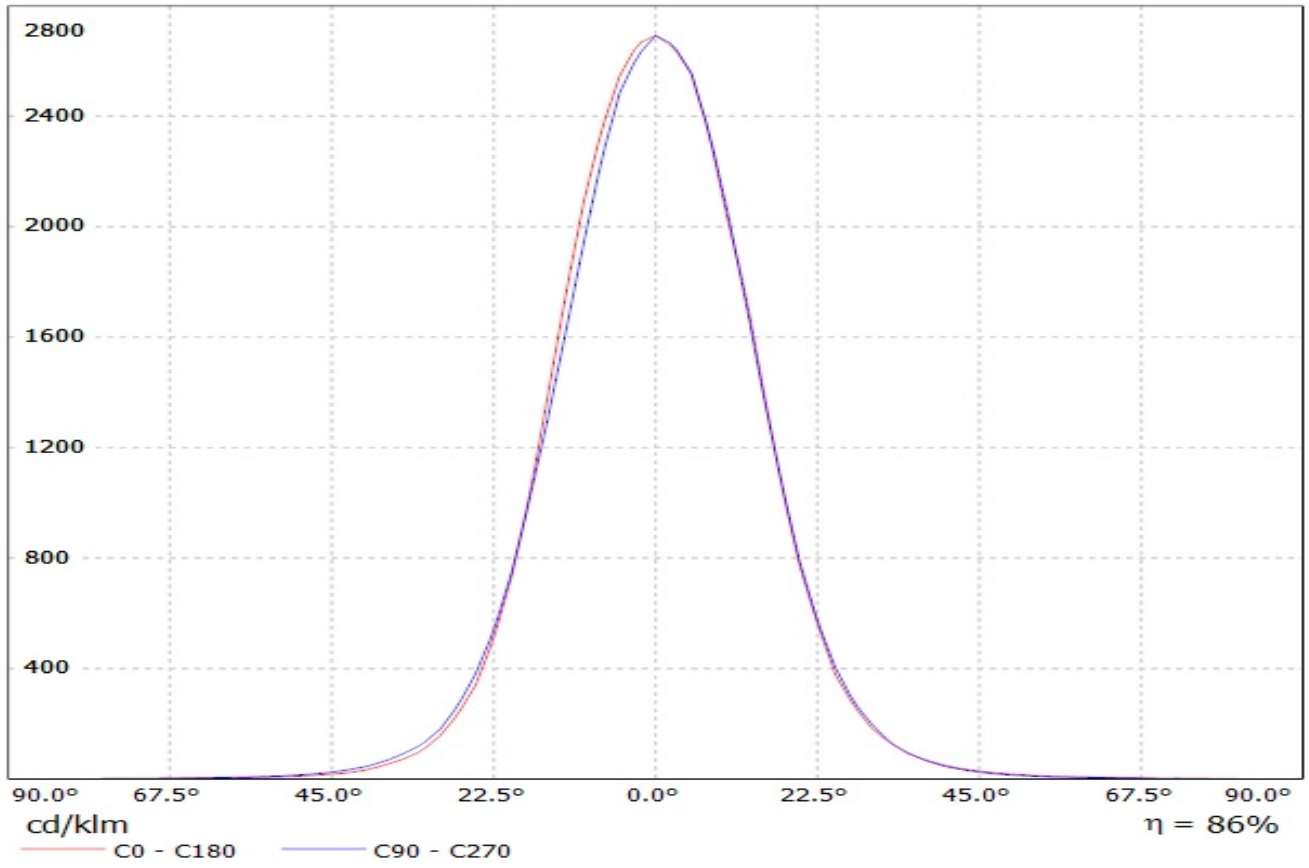
LEDiL Oy CA11017_TINA2_M_(LG3535_2W) Eff.86.1% / LDC (Linear)

Luminaire: LEDiL Oy CA11017_TINA2_M_(LG3535_2W) Eff.86.1%

Lamps: 1 x LG3535_2W (97.2479lm@250mA)

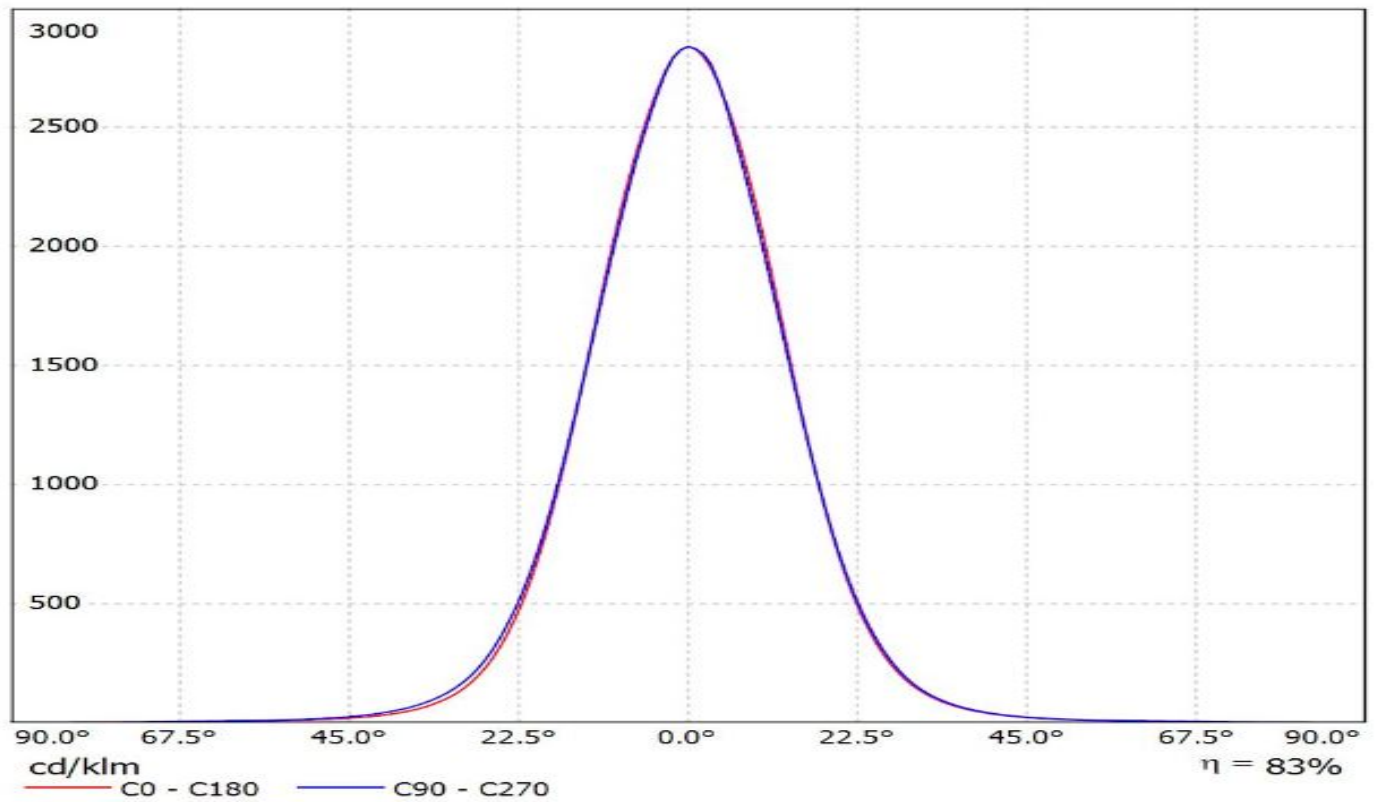


Luminaire: Ledil Oy CA11017_TINA2-M_(3535_Ceramic_gen2) Efficiency=84%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA

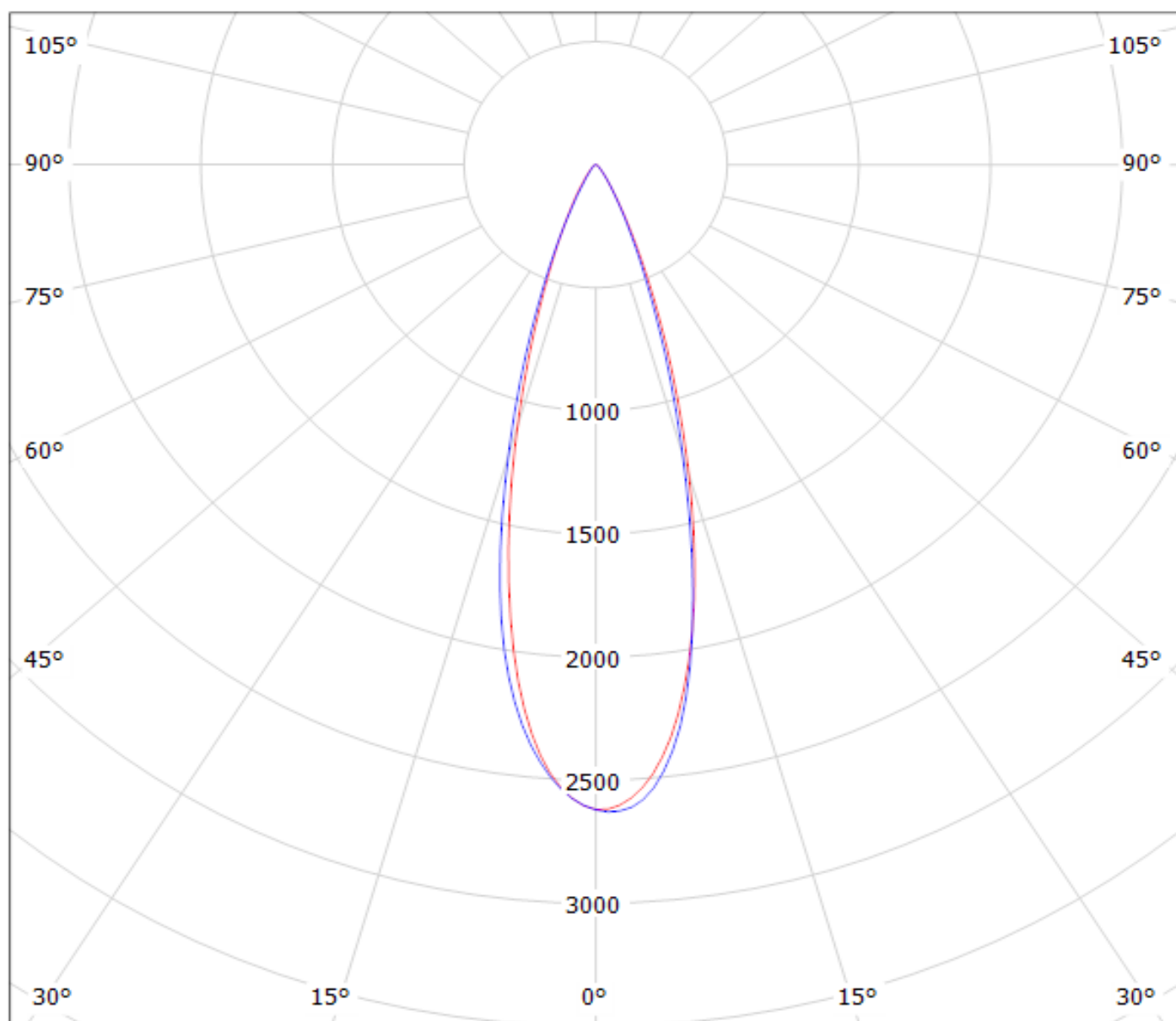


**Ledil CA11017_TINA2-M_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3) / LDC
(Linear)**

Luminaire: Ledil CA11017_TINA2-M_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3)
Lamps: 1 x Philips_Fortimo_FastFlex_LED_board 2x8/757_DS_G3_(XP-G2)
_3428.78lm@500mA_P=23.7W_I=0.5A



Luminaire: LEDIL OY CA11017_TINA2-M (XP-G) Efficiency=91%
Lamps: 1 x Cree XP-G (92lm@250mA)

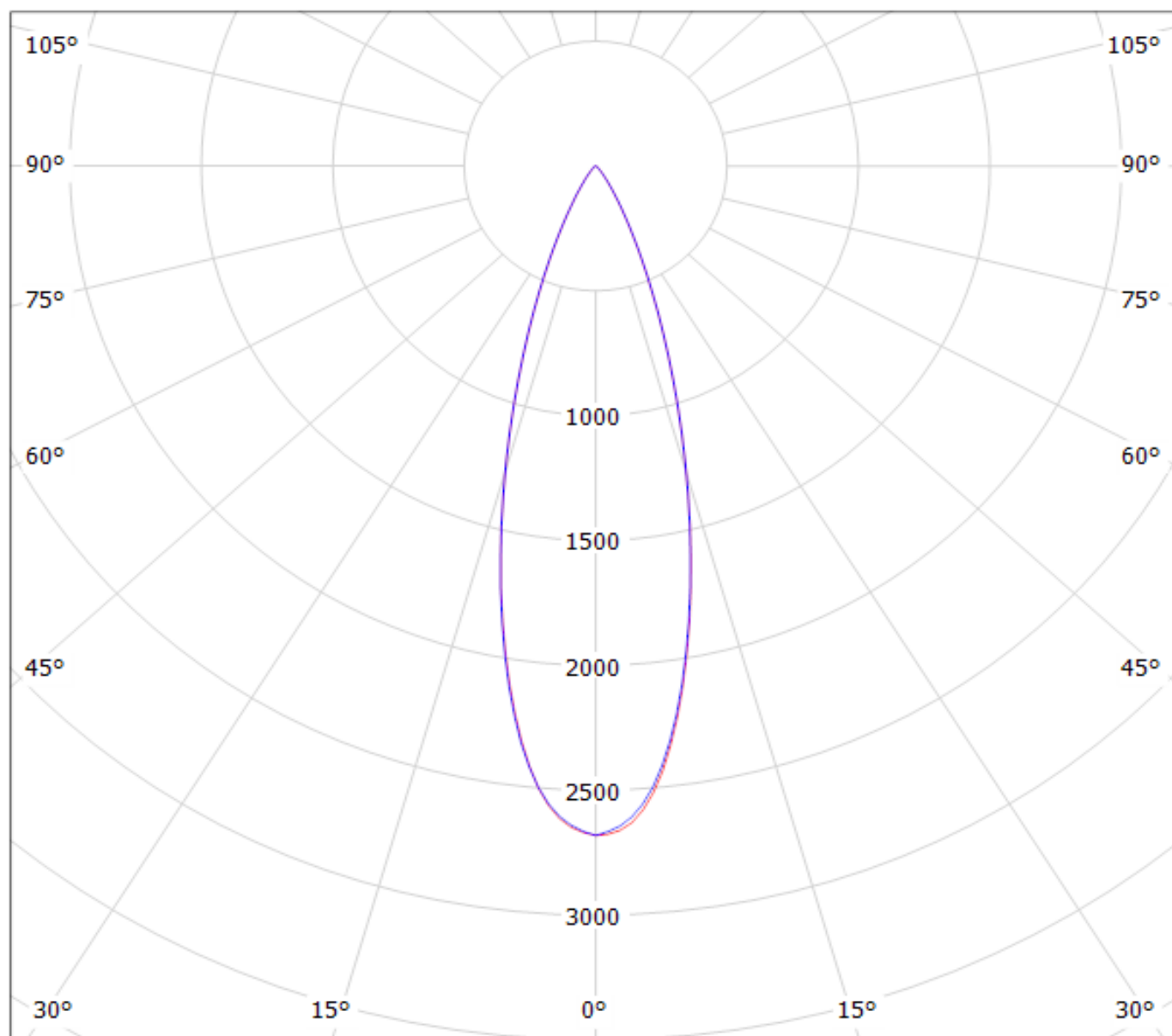


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA11017_TINA2-M-XT-E_SIMULATED
Lamps: 1 x Cree XT-E 100lm

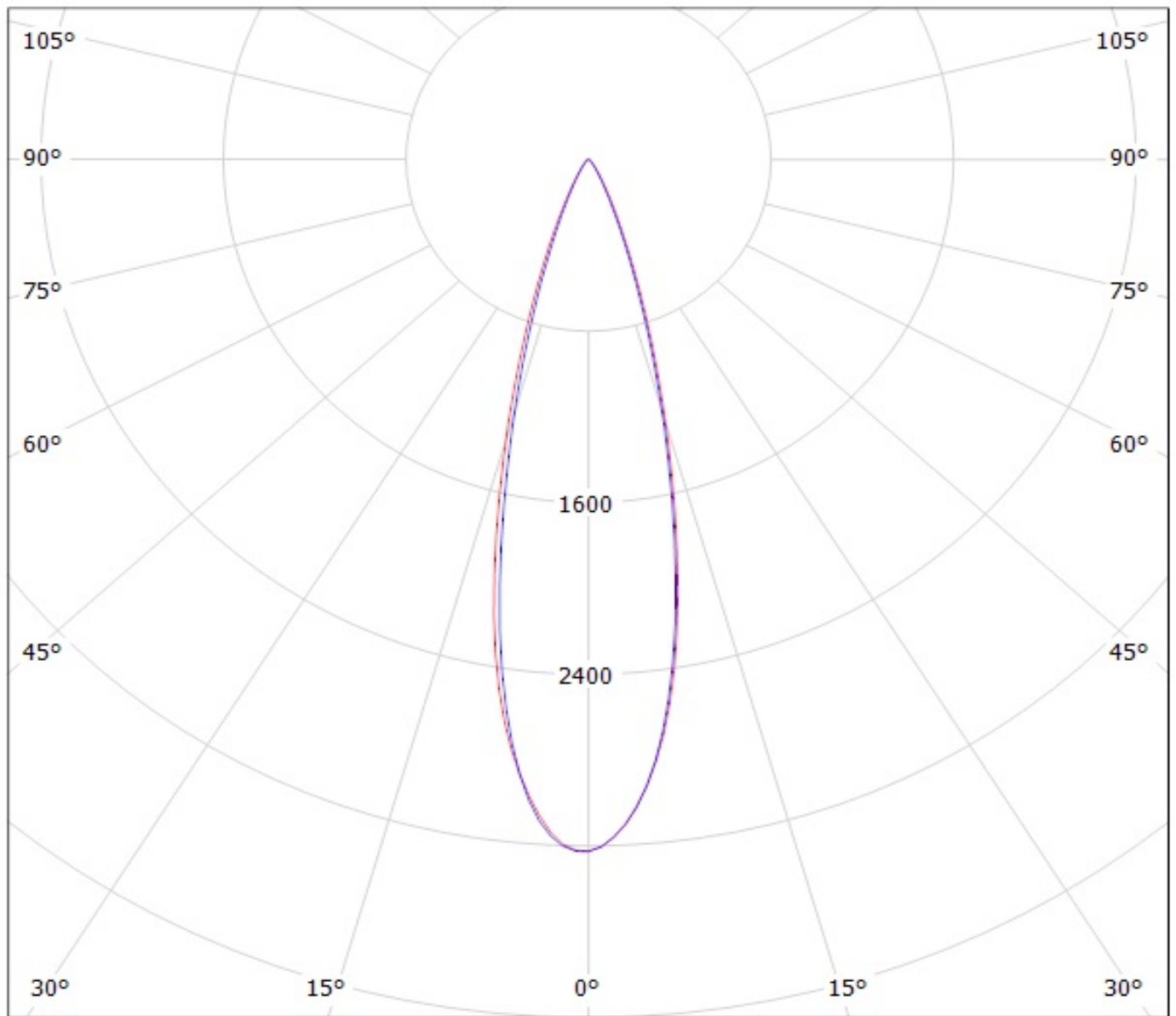


cd/klm

— C0 - C180

— C90 - C270

Valaisin: LEDIL OY CA11017_TINA2-M_(XP-G2) Efficiency=84%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)

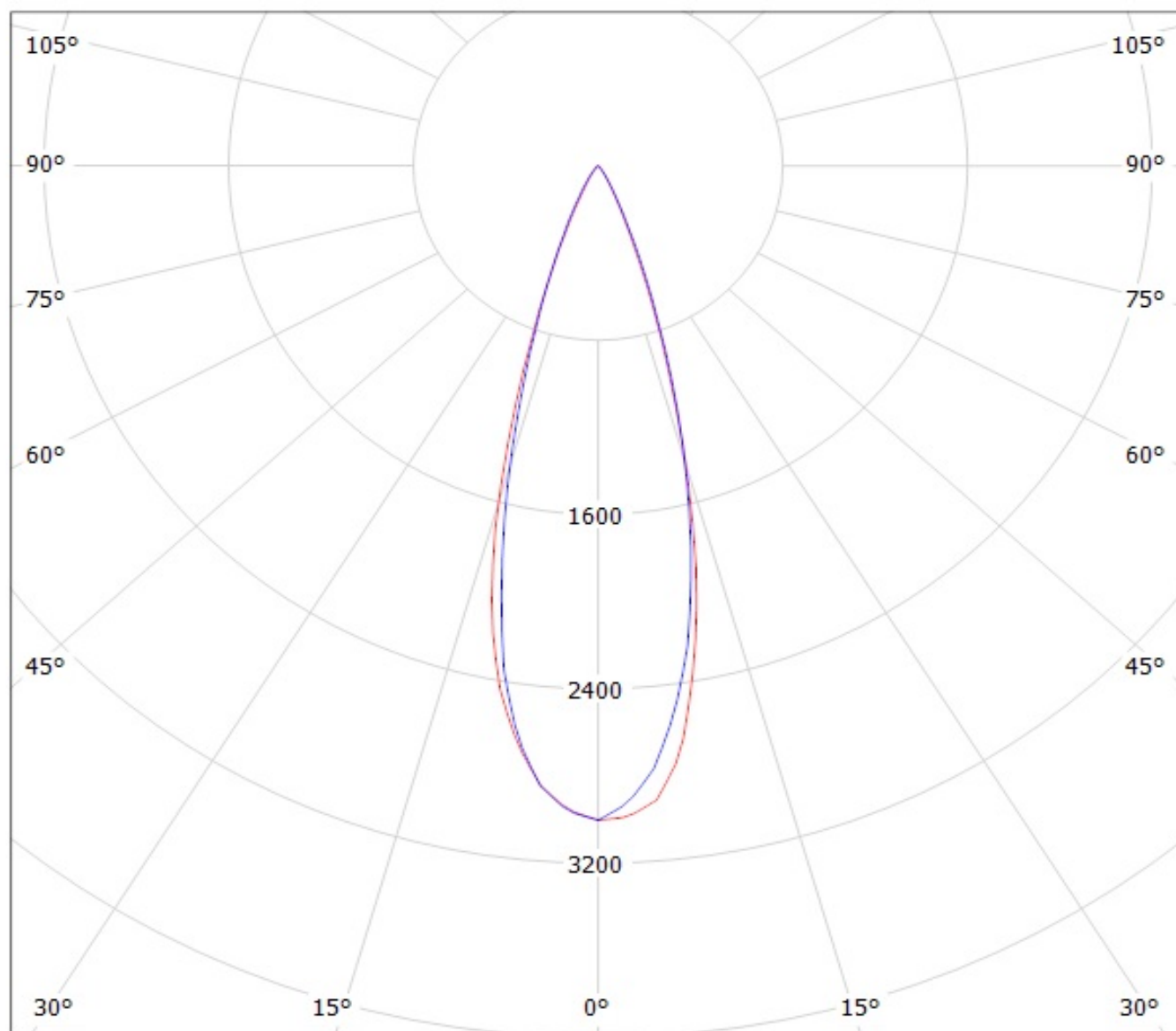


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDIL CA11017_TINA2-M_(XP-E2) Efficiency=86%
Lamps: 1 x Cree XP-E2 (93lm @ 250mA) CCT=5600K P=0.8W I=250mA



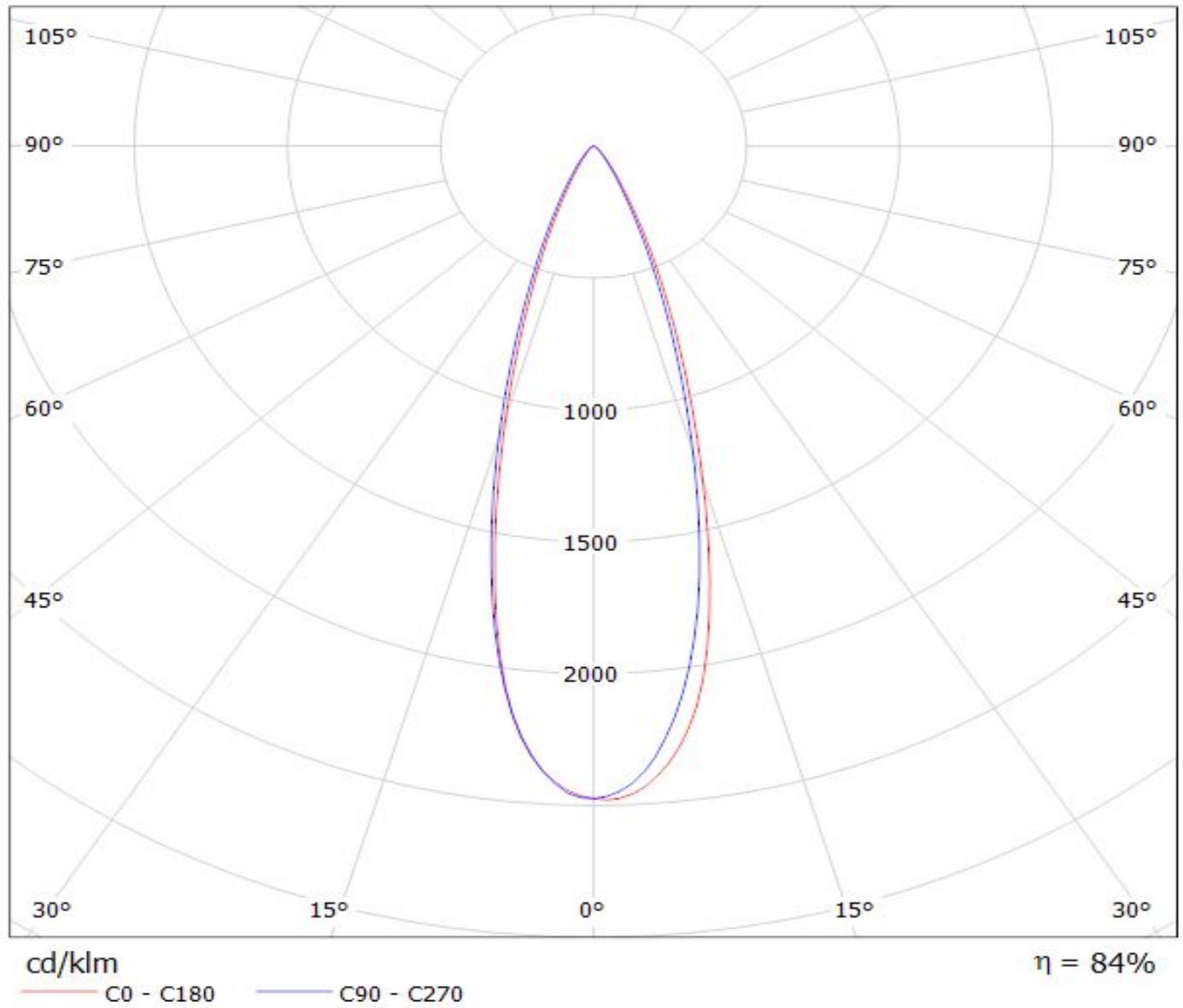
cd/klm

— C0 - C180 — C90 - C270

LEDiL Oy CA11017_TINA2-M_(3535_Ceramic)_1 Eff.84.1% / LDC (Polar)

Luminaire: LEDiL Oy CA11017_TINA2-M_(3535_Ceramic)_1 Eff.84.1%

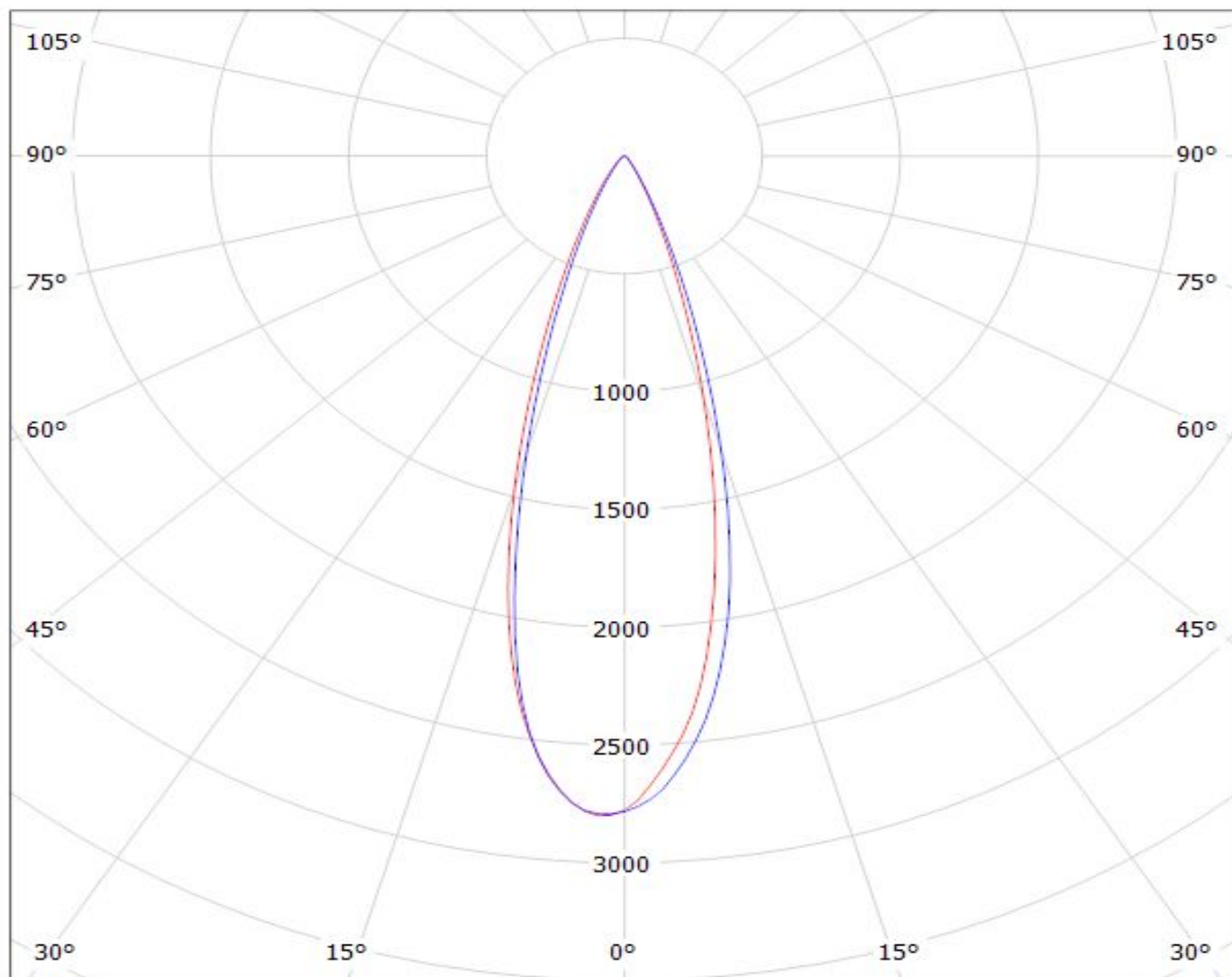
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)



LEDiL Oy CA11017_TINA2_M_(LG3535_2W) Eff.86.1% / LDC (Polar)

Luminaire: LEDiL Oy CA11017_TINA2_M_(LG3535_2W) Eff.86.1%

Lamps: 1 x LG3535_2W (97.2479lm@250mA)

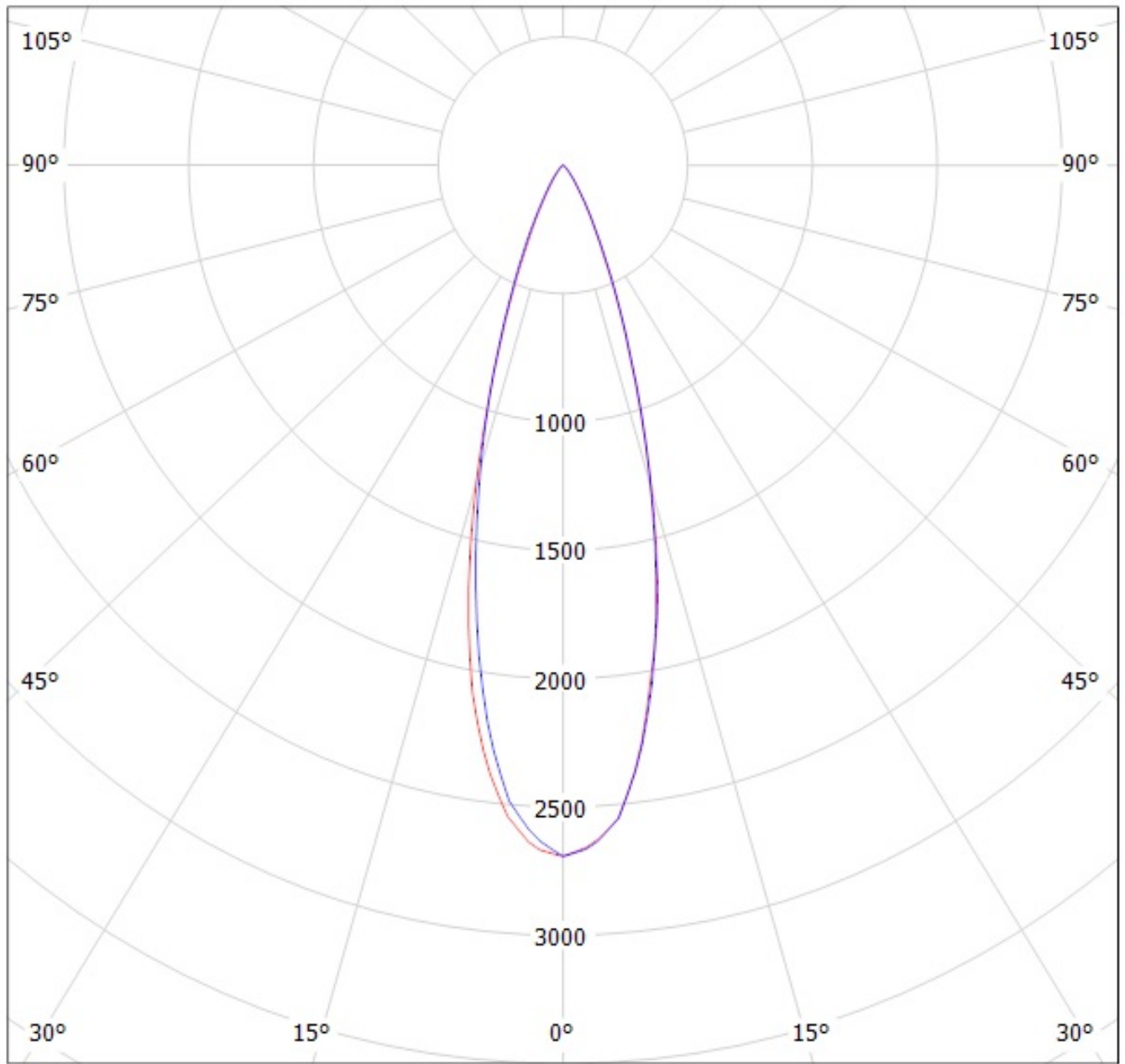


cd/klm

— C0 - C180

— C90 - C270

$\eta = 86\%$



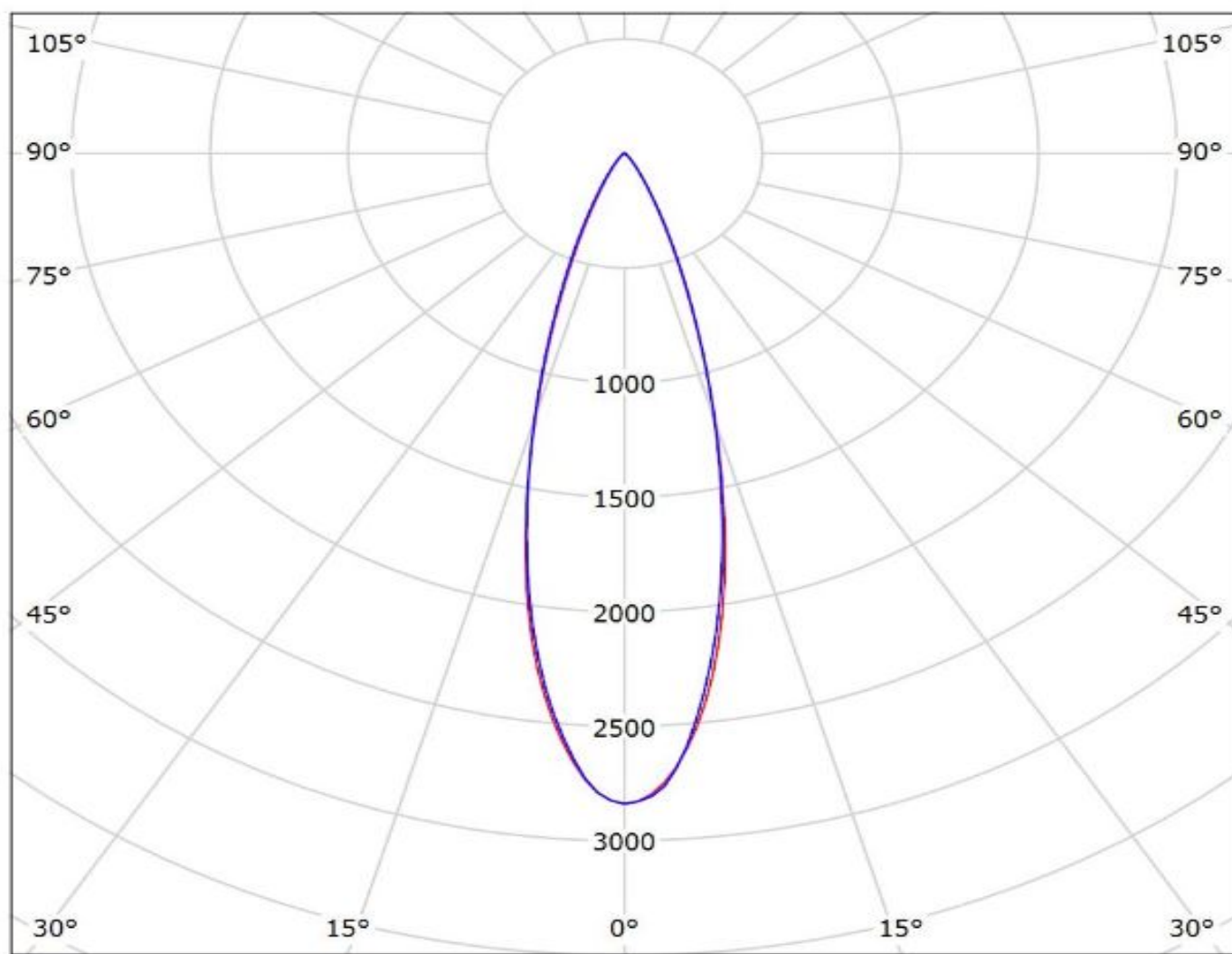
cd/klm

— C0 - C180

— C90 - C270

Ledil CA11017_TINA2-M_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3) / LDC (Polar)

Luminaire: Ledil CA11017_TINA2-M_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3)
Lamps: 1 x Philips_Fortimo_FastFlex_LED_board 2x8/757_DS_G3_(XP-G2)
_3428.78lm@500mA_P=23.7W_I=0.5A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 83\%$

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.