PRODUCT DATASHEET
Leila series
last update 10/4/2014

DETAILS

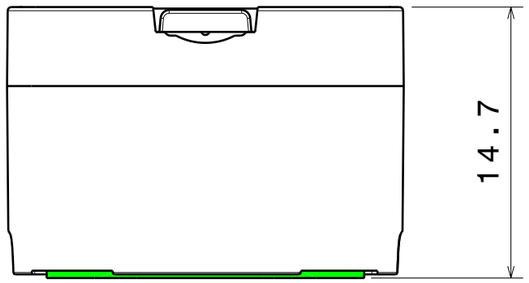
Product Number	CA12392_LXP2-W
Family	Leila
Type	Assembly
Color	black
Diameter	21,6 mm
Height	14,7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape
Status	production ready
ROHS Comliant	Yes
Date Updated	10/04/2014

OPTICAL PROPERTIES

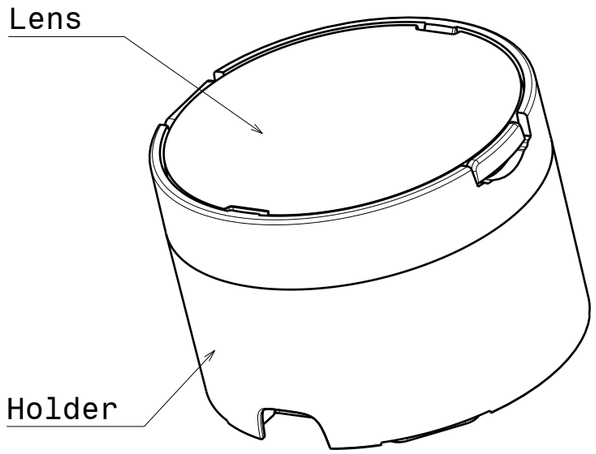
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-E	48 deg	Wide	90 %	1.700	-
XP-G	43 deg	Wide	89 %	1.480	-
XT-E	41 deg	Wide	89 %	1.580	-
XP-G2	46 deg	Wide	87 %	1.500	-
XP-E2	43 deg	Wide	87 %	1.700	-
XP-L HI	44 deg	Wide	84 %	1.500	-
H35C0 (LEMWA33)	46 deg	Wide	87 %	1.480	-
H35B0 (LEMWA32)	45 deg	Wide	87 %	1.500	-
H35C1 (LEMWA33)	46 deg	Wide	90 %	1.500	-
LUXEON Q	42 deg	Wide	85 %	1.700	-
Z5	36 deg	Wide	93 %	1.700	-
Z5M1/Z5M2	47 deg	Wide	86 %	1.600	-
Z8Y22P	sim: 44	Wide	sim: 91 %	sim: 1.580	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

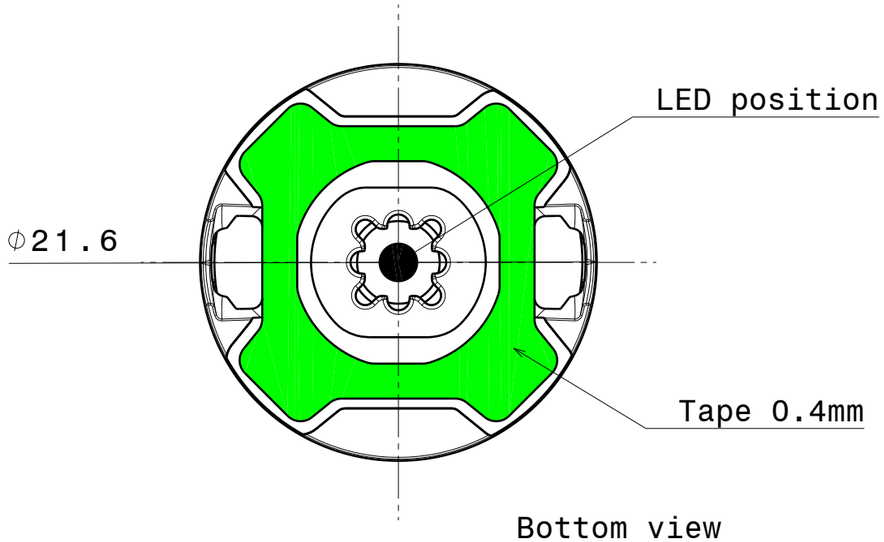
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



Front view
Scale: 3:1



Isometric view
Scale: 3:1



Bottom view
Scale: 3:1

INDEX	DESCRIPTION	MATERIAL	COLOUR
1	Lens	PMMA	
2	Holder	PC	black
3	Tape	PU 2-sided foam tape	adhesive

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

THIRD ANGLE PROJECTION:

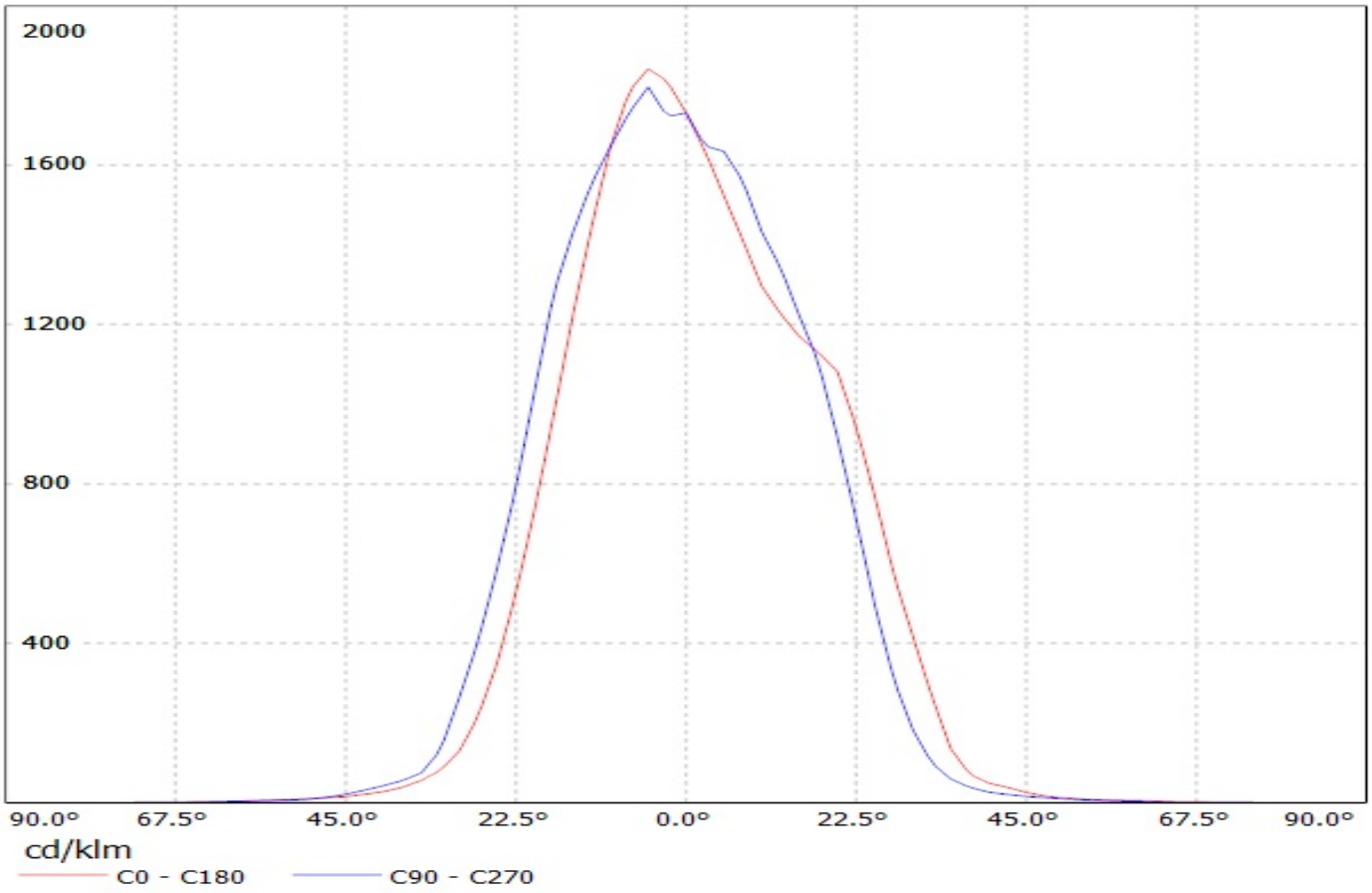
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet_LXP2-Series

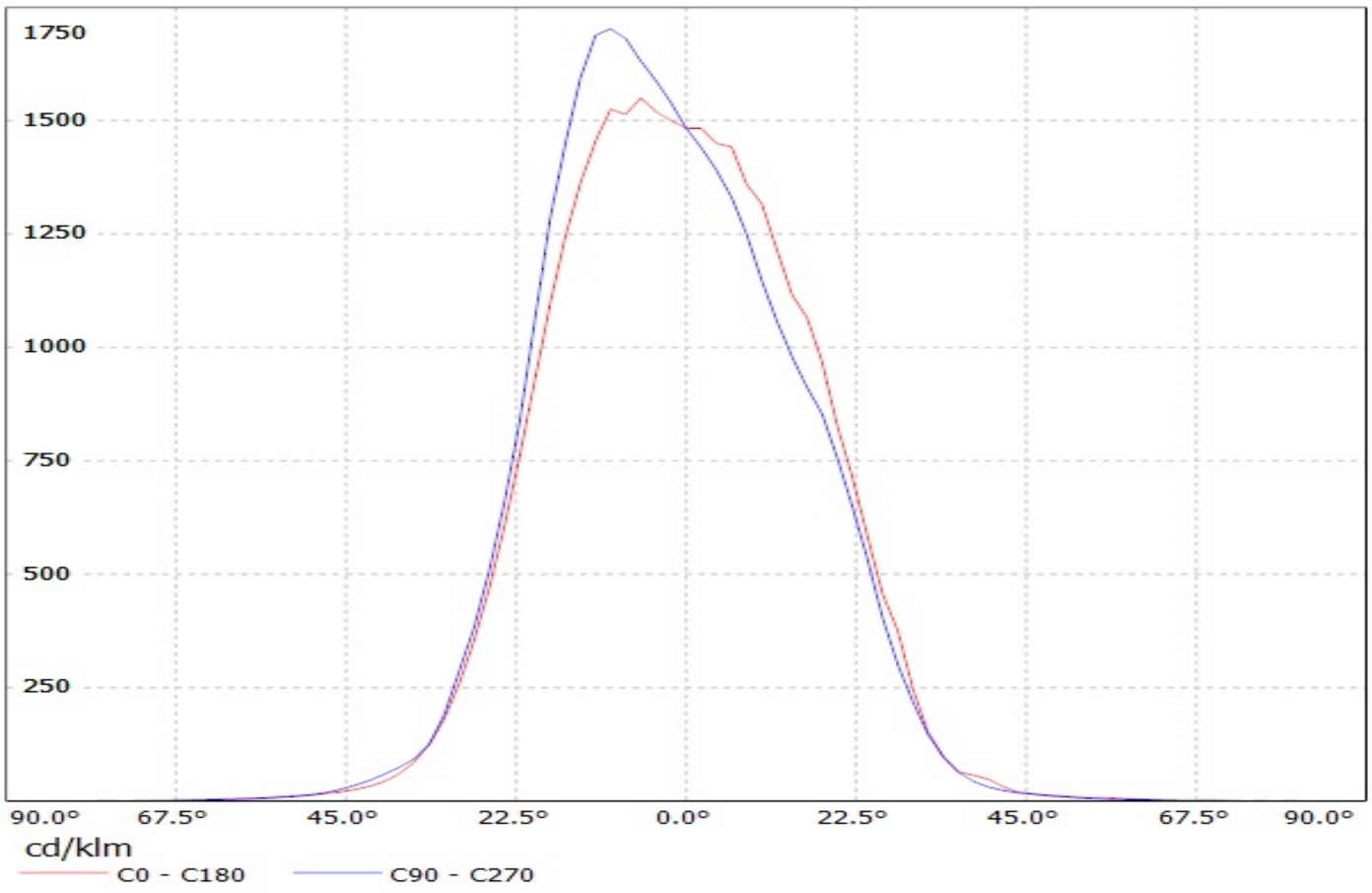
SIZE	PART NUMBER
A3	-

SCALE	WEIGHT		SHEET
3:1	-		1/1

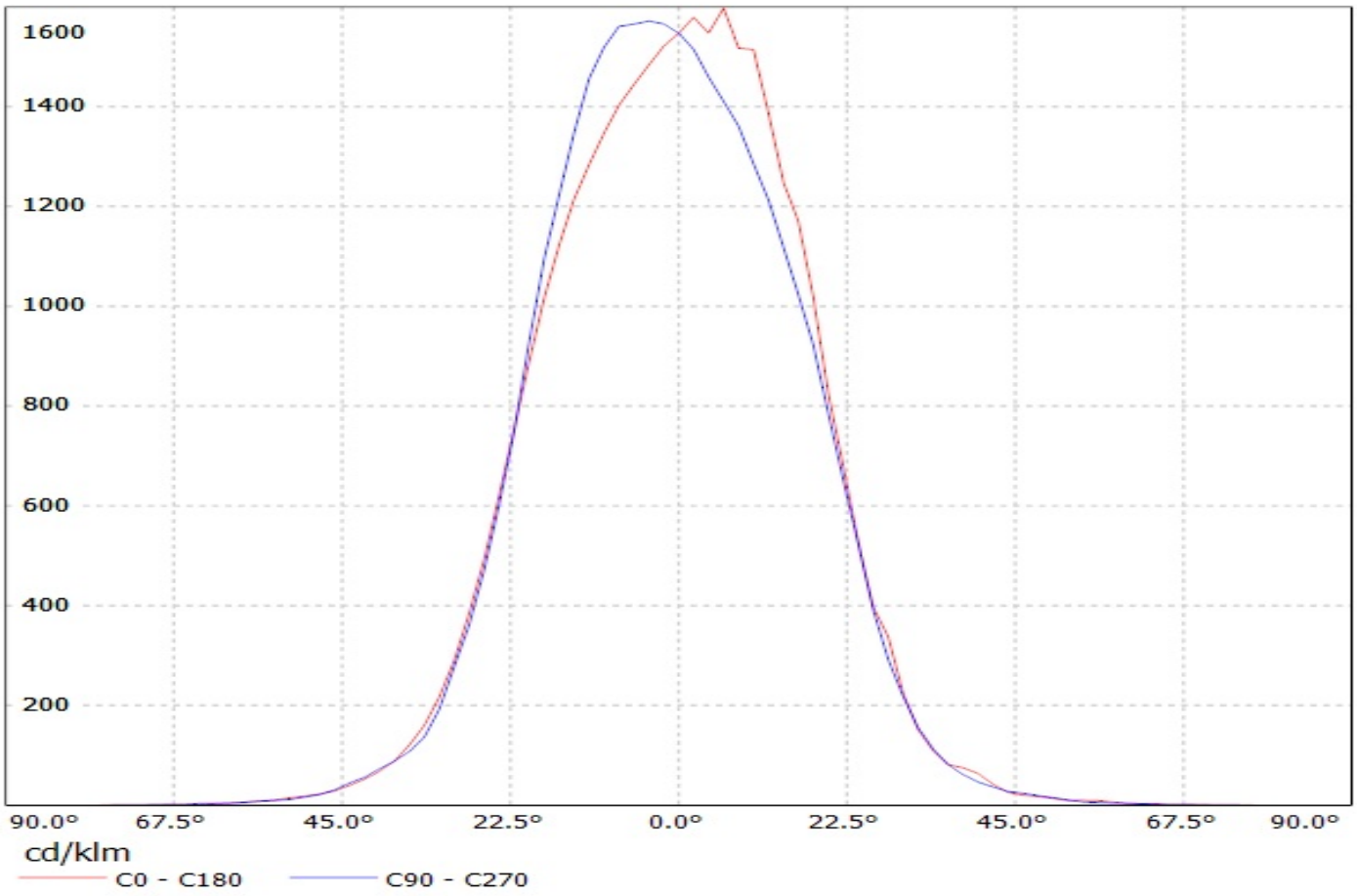
Luminaire: Ledil Oy CA12392_LXP2-W (Cree XP-E 77lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-E 77lm @ 250mA



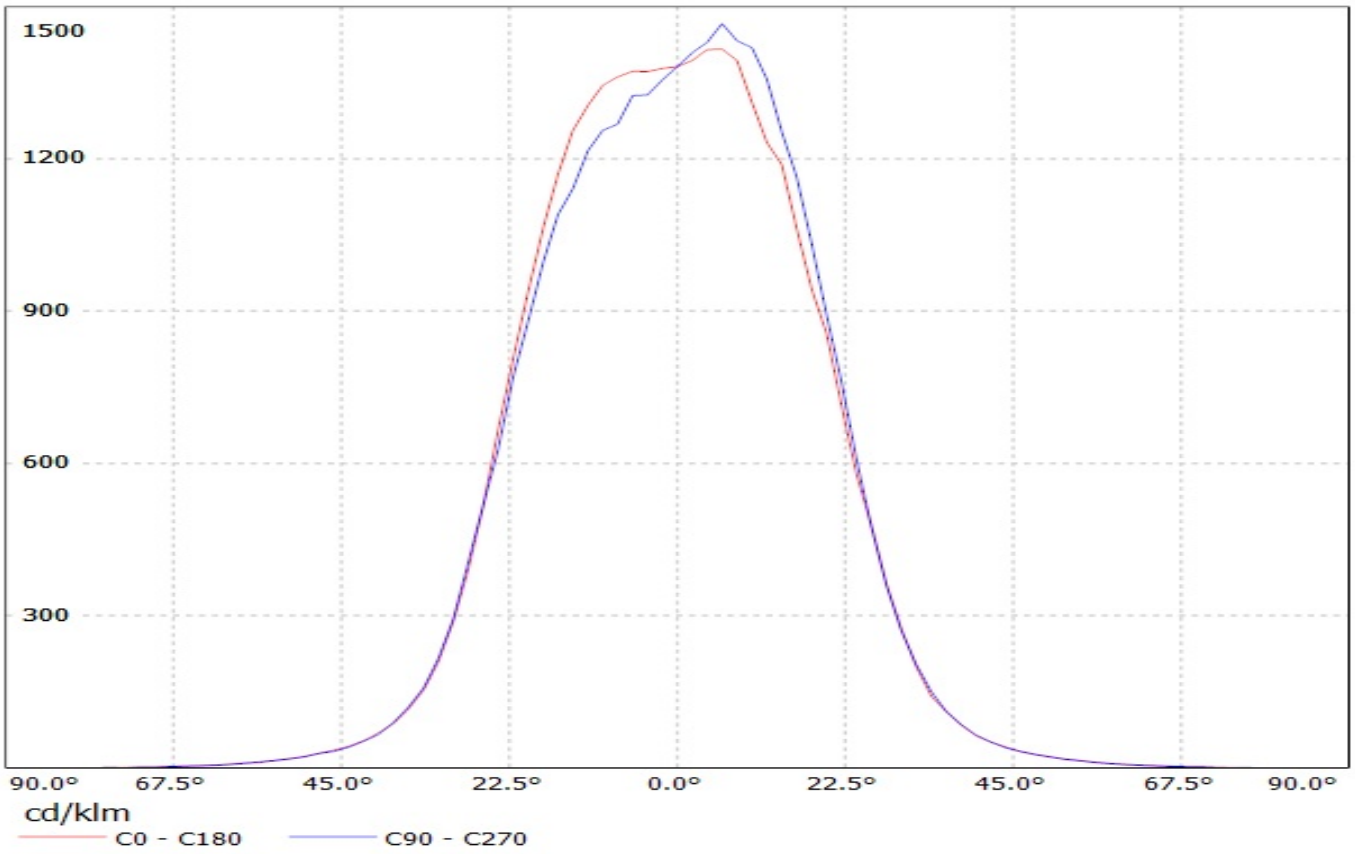
Luminaire: Ledil Oy CA12392_LXP2-G-W (Cree XP-G 71lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XP-G 89lm @ 250mA



Luminaire: Ledil Oy CA12392_LXP2-W-XT-E (CA12392_LXP2-W-XT-E (AWT))
Lamps: 1 x XT-E 113lm @ 250mA

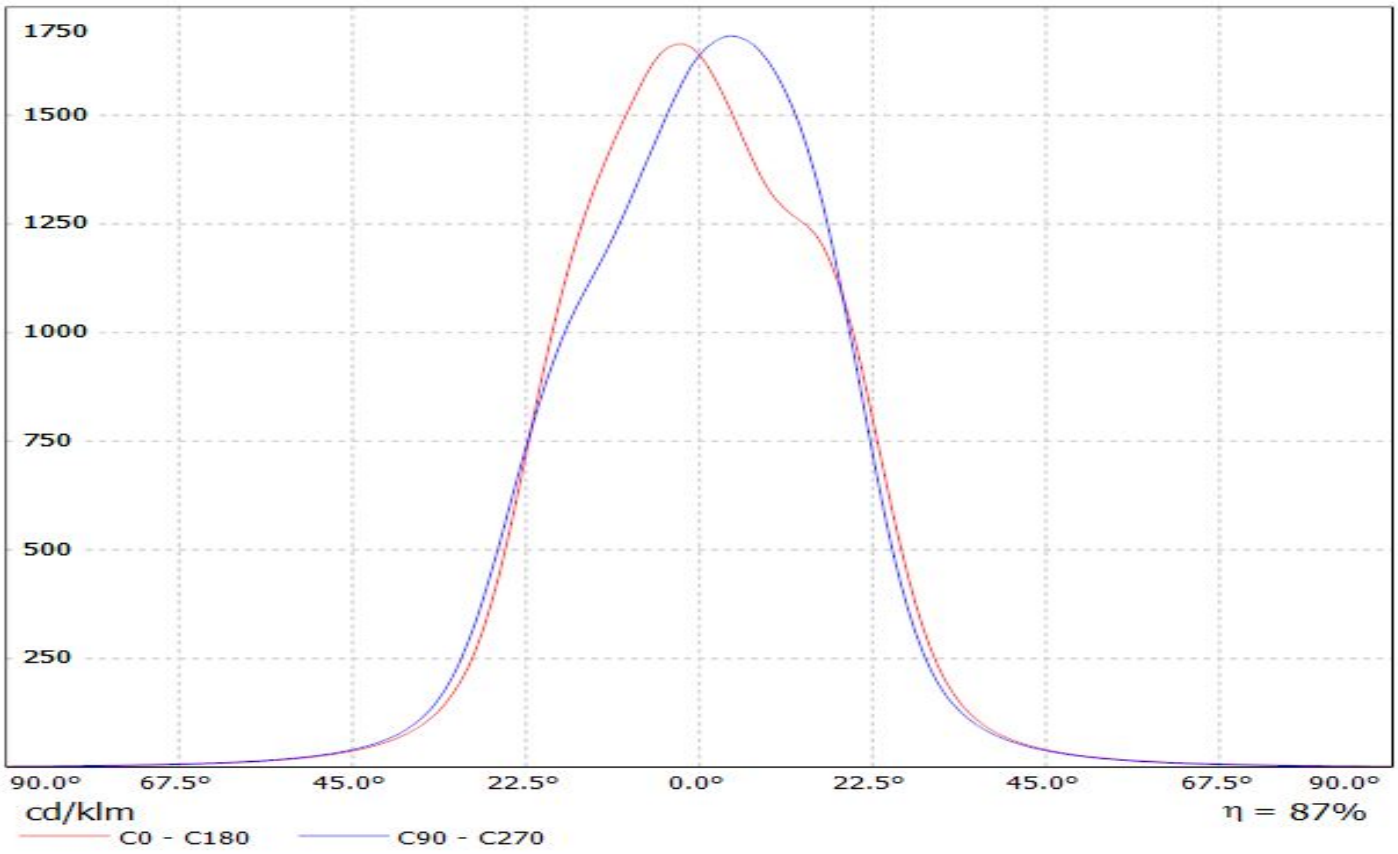


Luminaire: Ledil Oy CA12392_LXP2-W_(XP-G2) Efficiency=87%
Lamps: 1 x Cree XP-G2 (104lm@250mA) CCT=6600K P=0.8W I=250mA

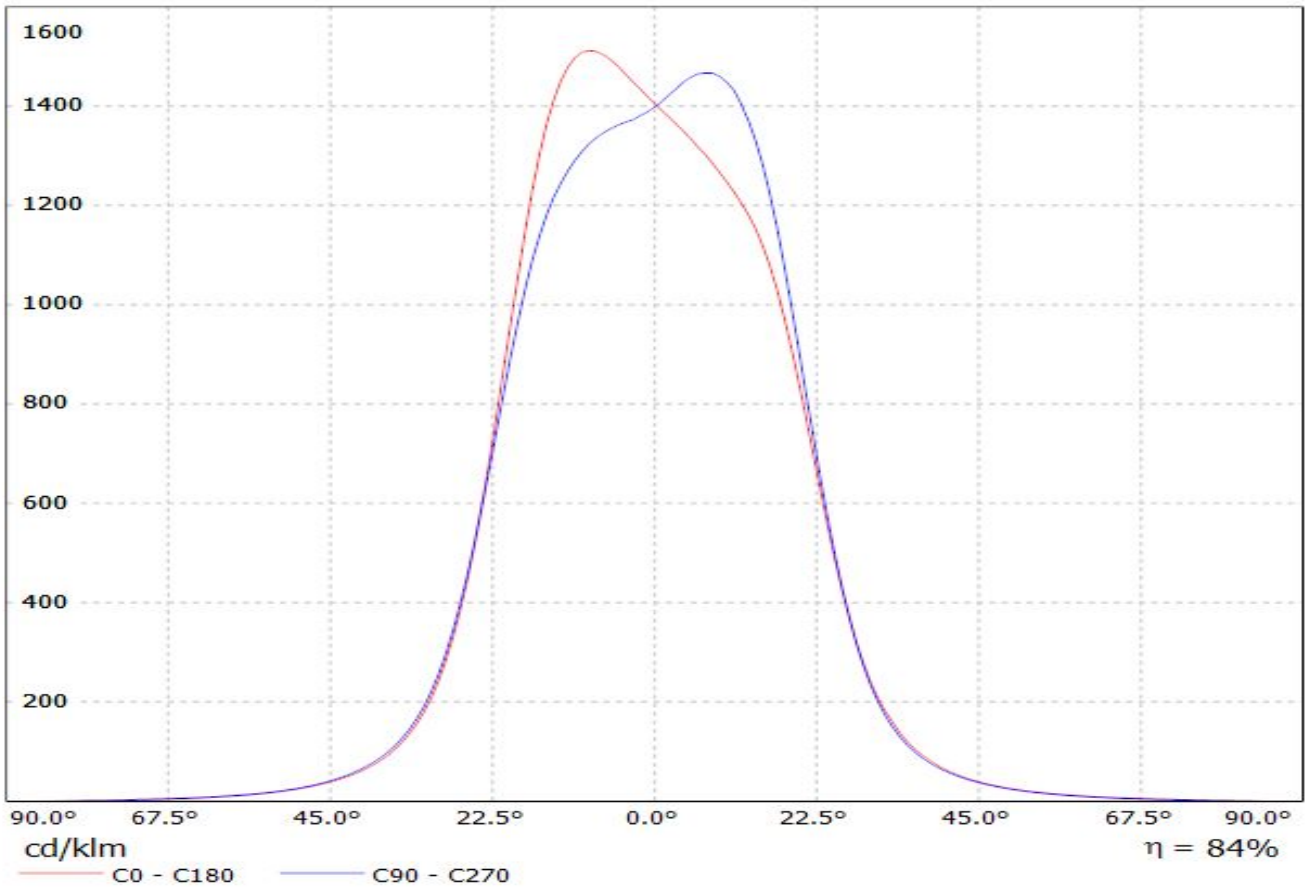


LEDiL Oy CA12392 LXP2-W_(XP-E2) Eff.87.1% / LDC (Linear)

Luminaire: LEDiL Oy CA12392 LXP2-W_(XP-E2) Eff.87.1%
Lamps: 1 x CREE_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_80.62lm@250mA_P=0.745802W_I=249.9mA

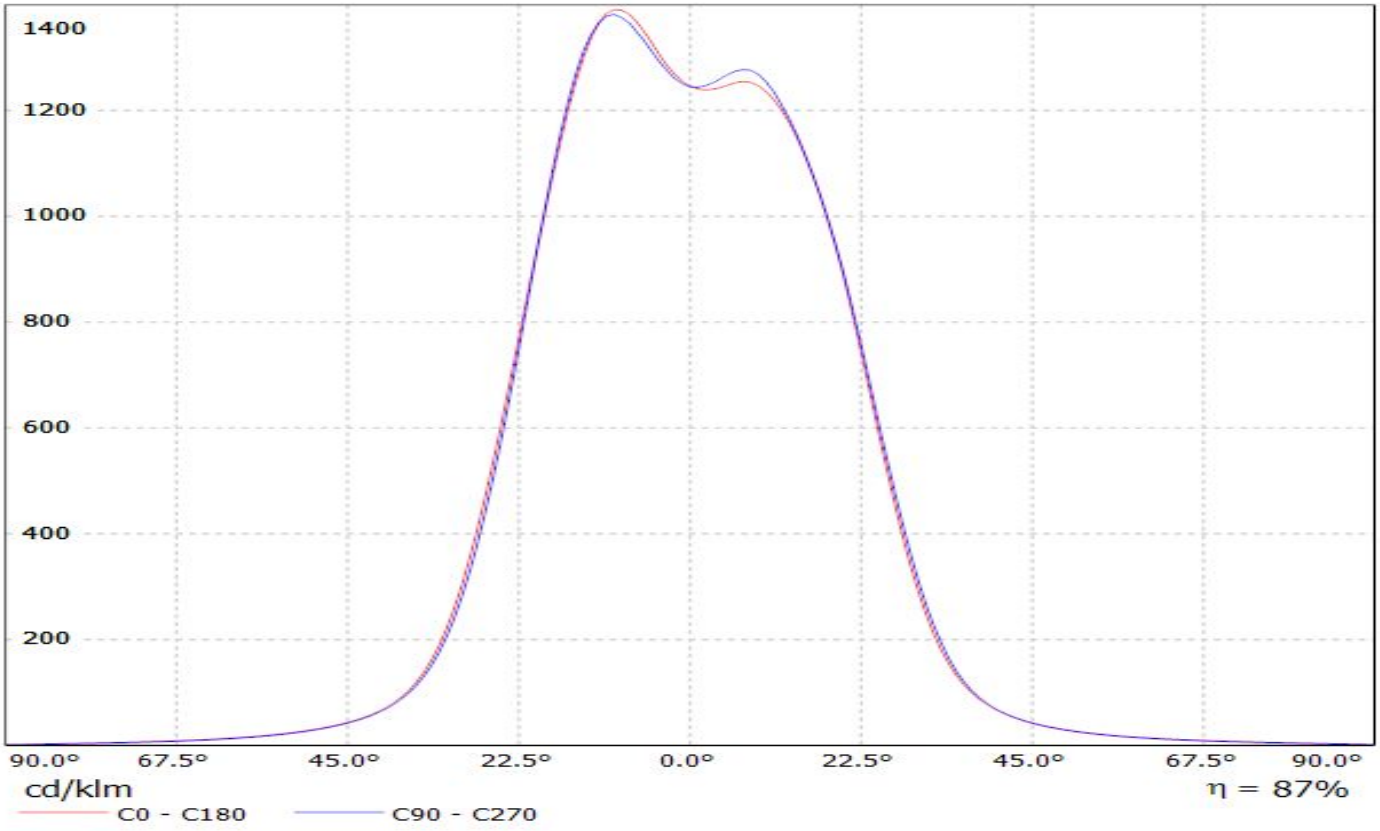


Luminaire: Ledil CA12392_LXP2-W_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



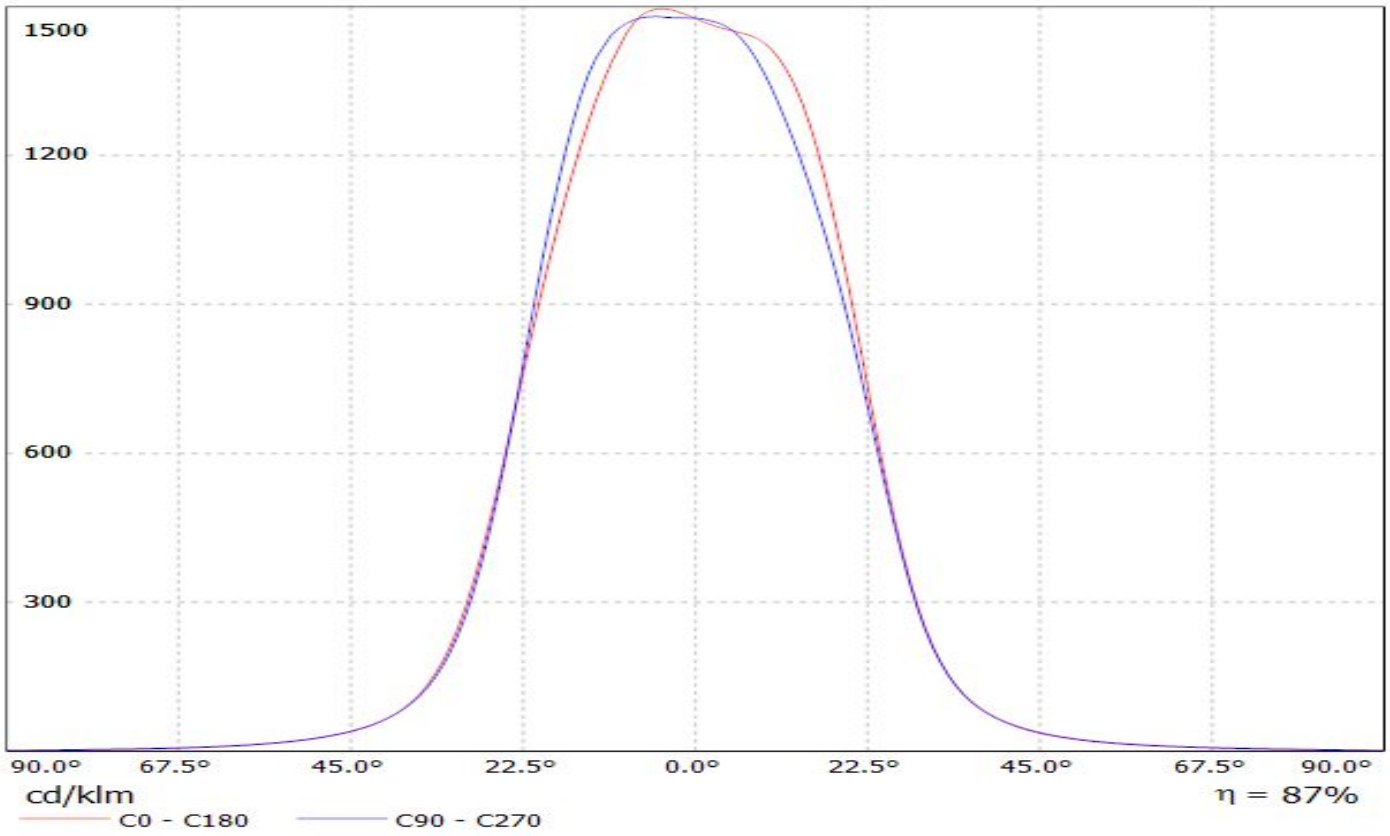
LEDiL Oy CA12392_LXP2-W_(3535_Ceramic)_3 Eff.87.4% / LDC (Linear)

Luminaire: LEDiL Oy CA12392_LXP2-W_(3535_Ceramic)_3 Eff.87.4%
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)

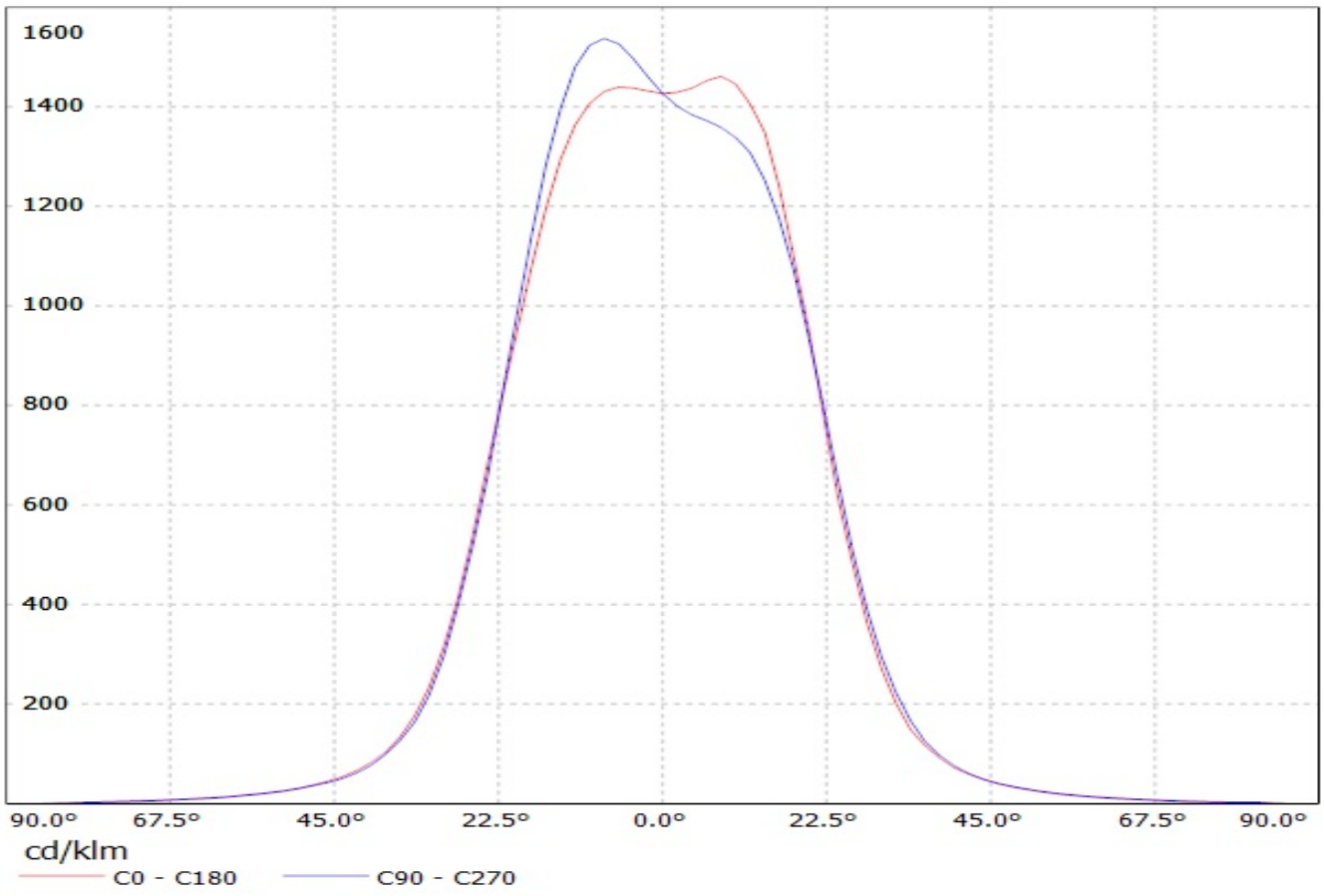


LEDiL Oy CA12392_LXP2-W_(LG3535_2W) Eff.87.2% / LDC (Linear)

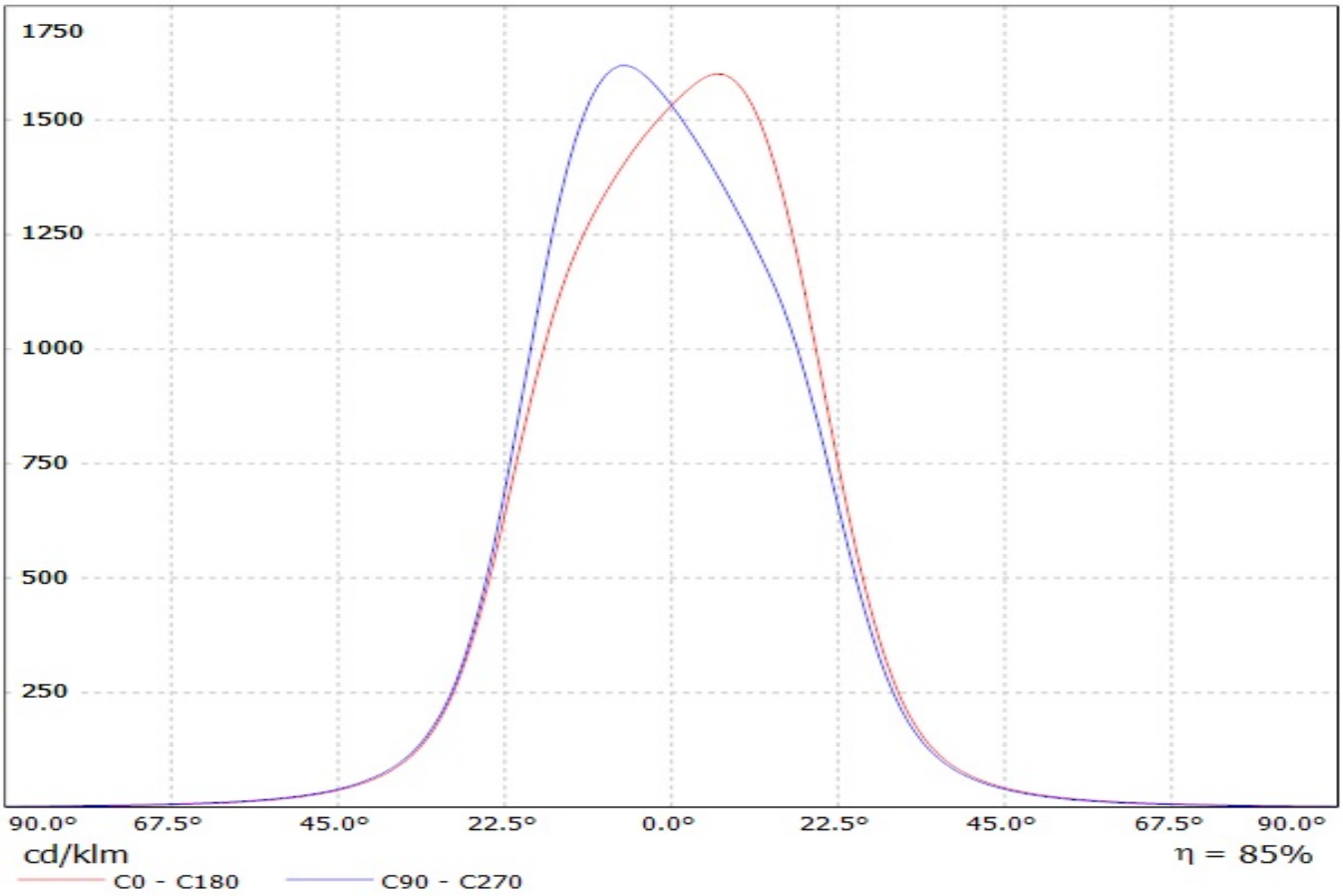
Luminaire: LEDiL Oy CA12392_LXP2-W_(LG3535_2W) Eff.87.2%
Lamps: 1 x LG3535_2W (97.3629lm@250mA)



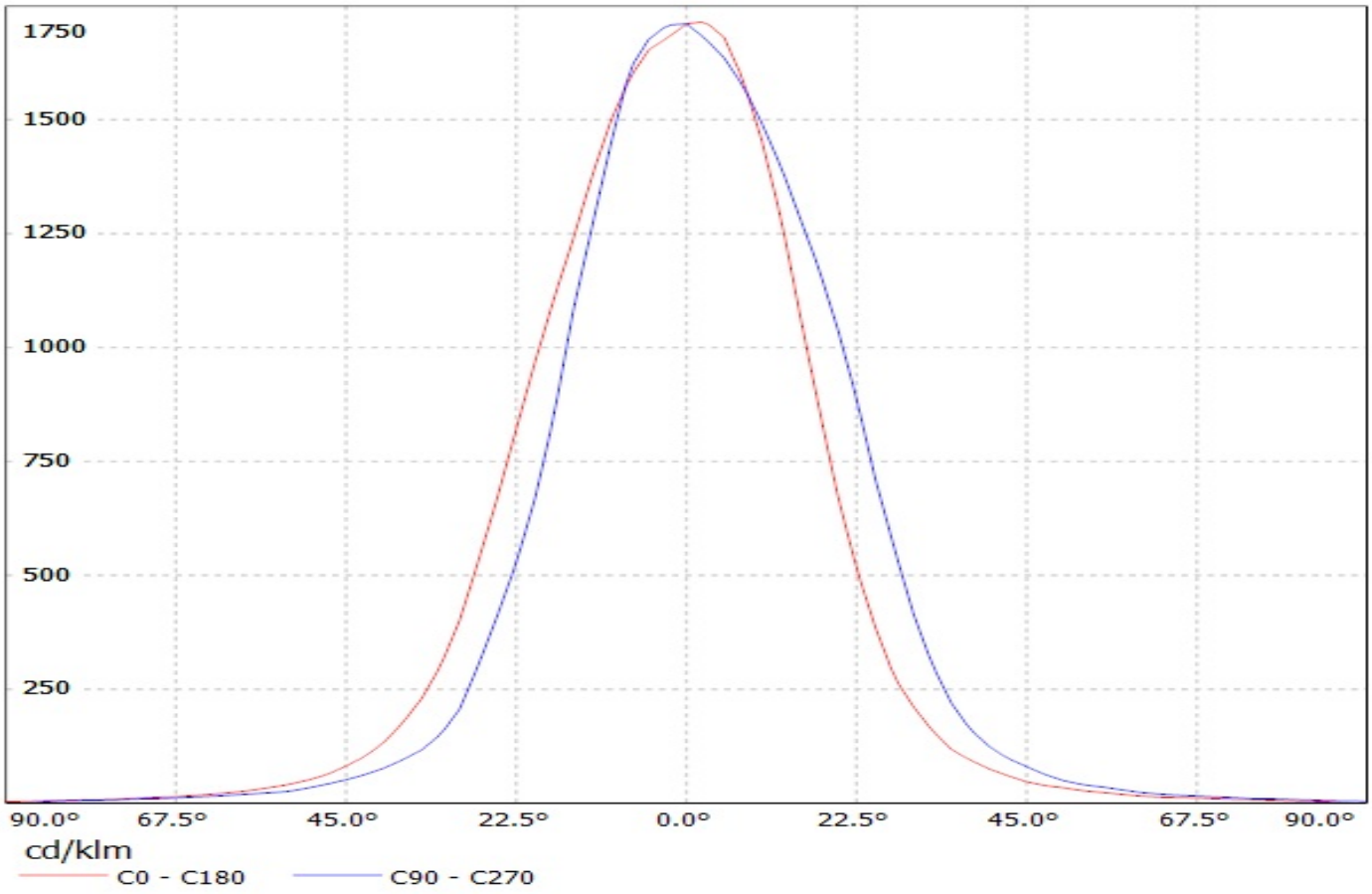
Luminaire: Ledil Oy CA12392_LXP2-W_(3535_Ceramic_gen2) Efficiency=90%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



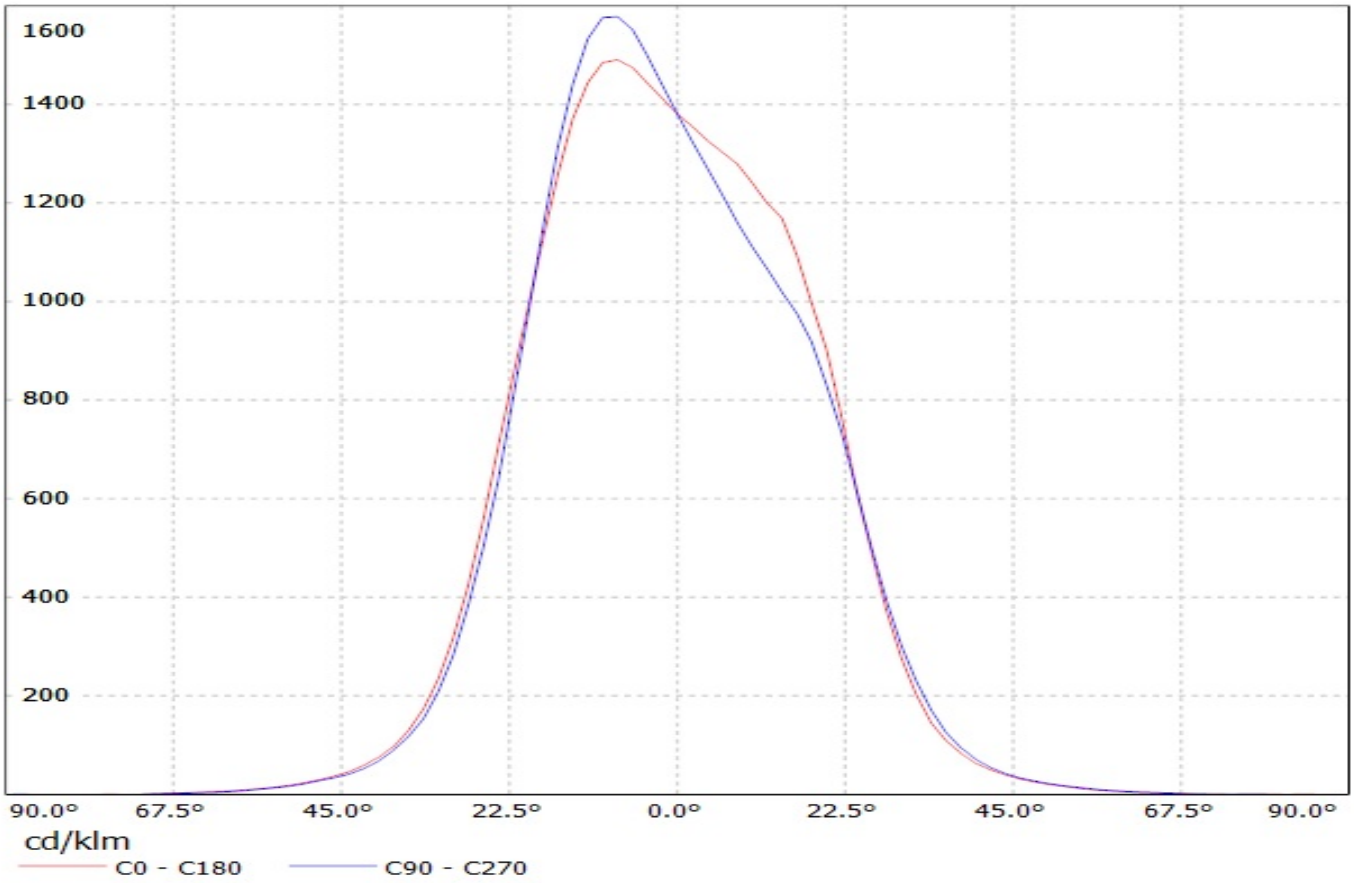
Luminaire: LEDiL Oy CA12392_LXP2-W_(LUXEON_Q) Eff.84.8%
Lamps: 1 x LUXEON_Q_(LHQ-3080)_76.0112lm@250mA_P=0.753249W_I=249.9mA



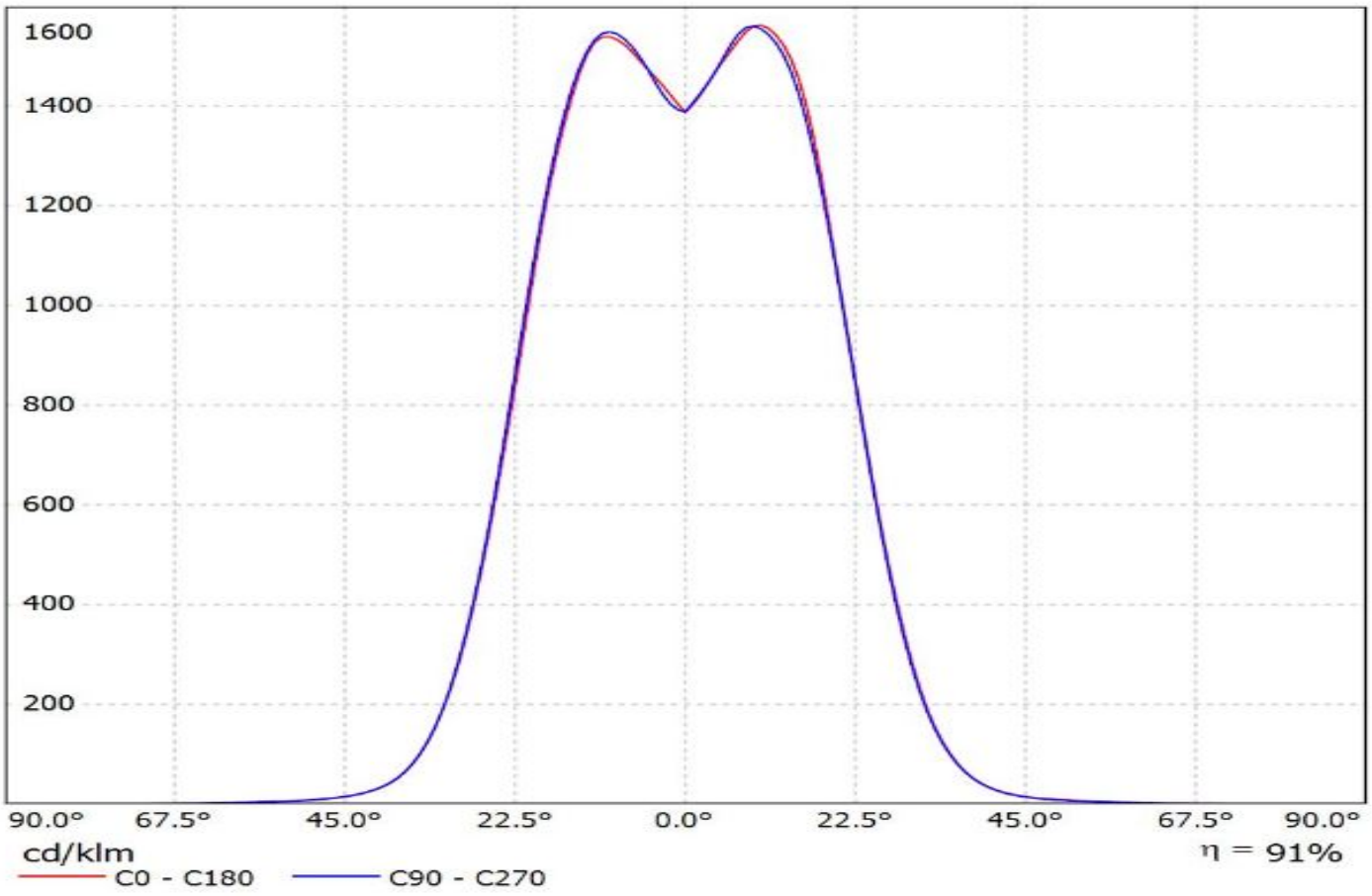
Luminaire: Ledil Oy CA12392_LXP2-W (Seoul Z5 77lm @ 250mA) Efficiency=93%
Lamps: 1 x Seoul Z5 77lm @ 250mA



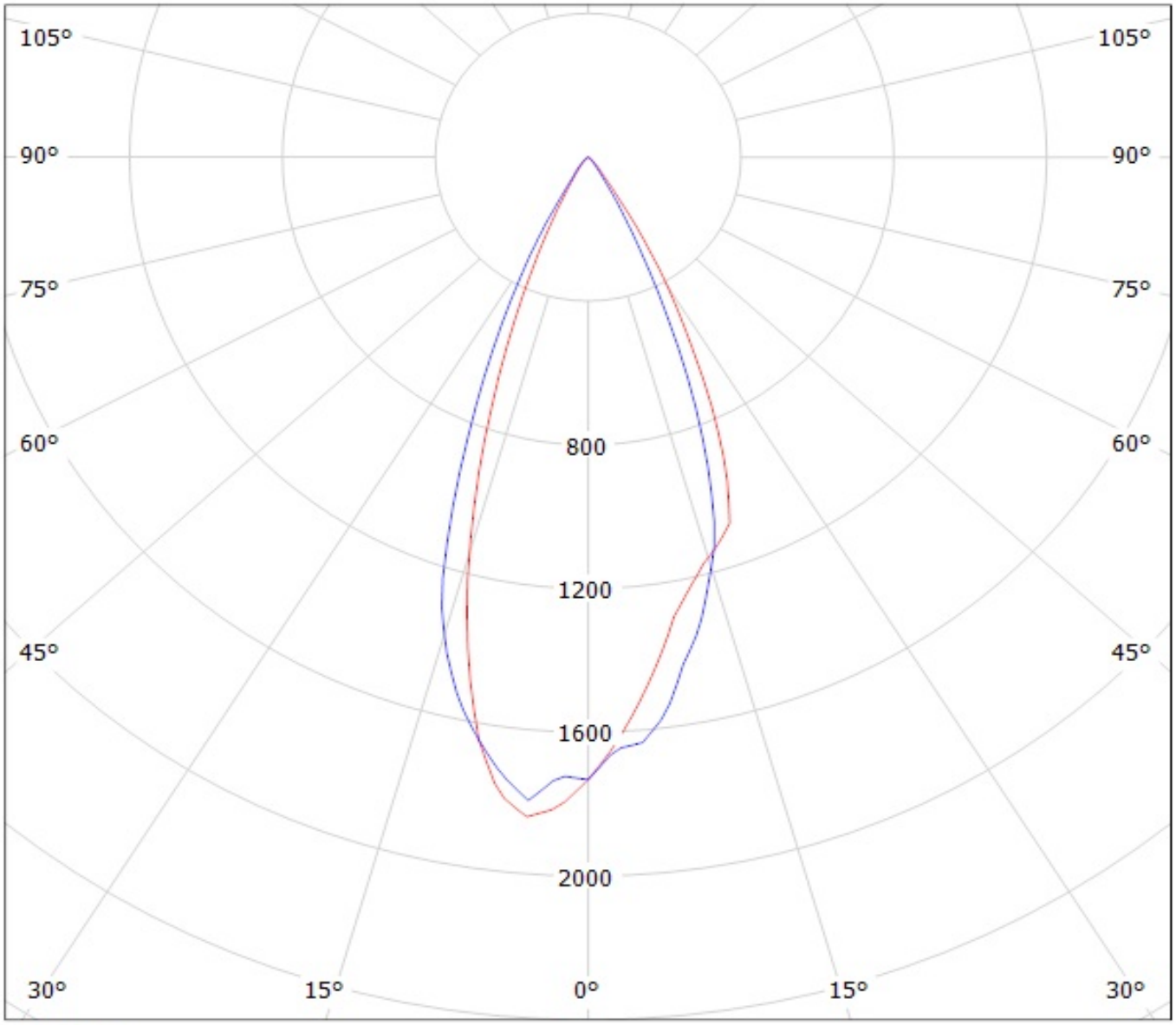
Luminaire: LEDil Oy CA12392_LXP2-W_(Z5M1) Efficiency=86%
Lamps: 1 x Seoul Z5M1 (SZ5M1-W0-C8/W1-A5-G) 108lm @ 250mA CCT=9100K P=0.8W I=250mA



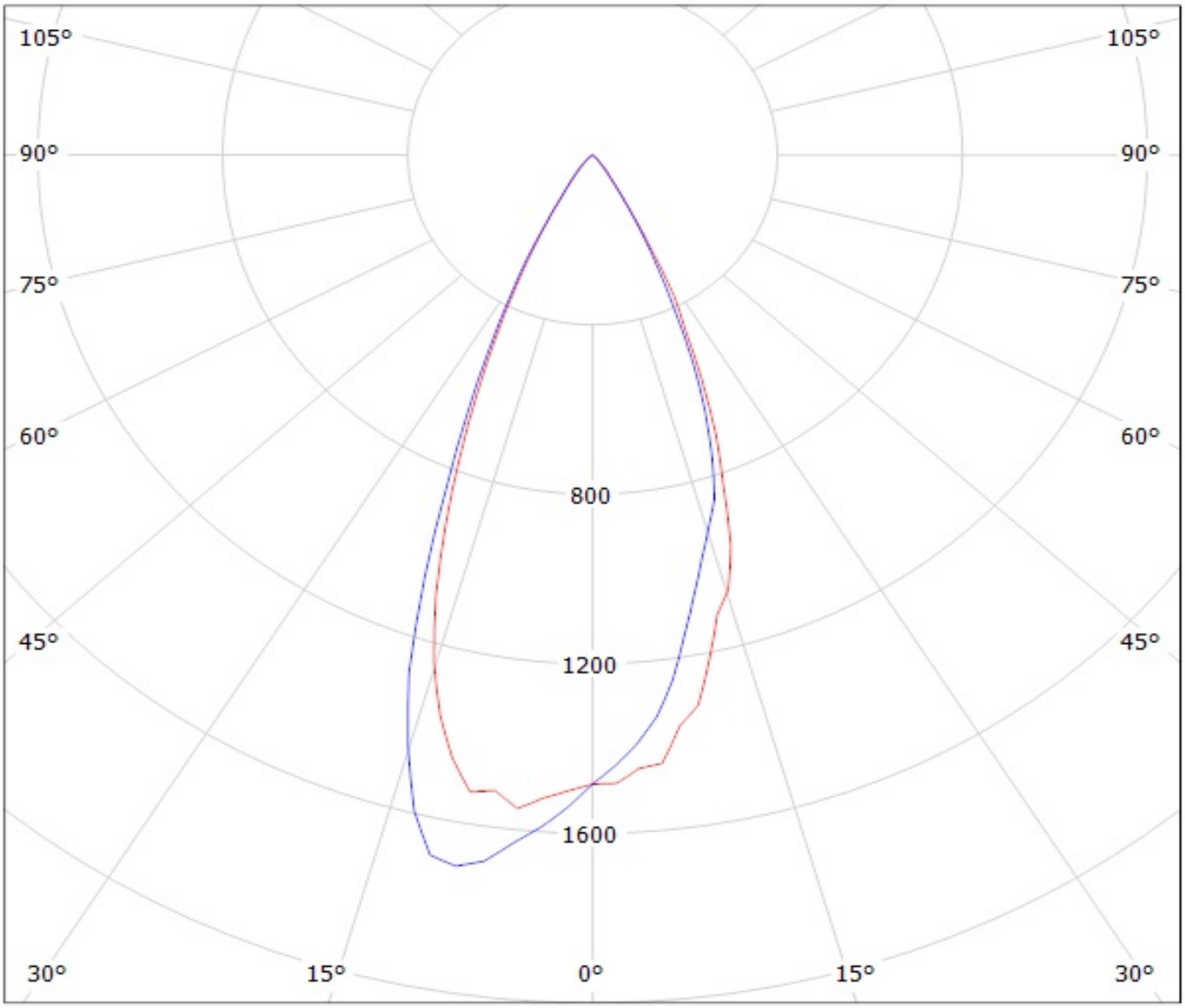
Luminaire: Ledil Oy CA12392_LXP2-W_SEOUL_Z8Y22+_SIMULATED
Lamps: 1 x SEOUL Z8Y22 Plus



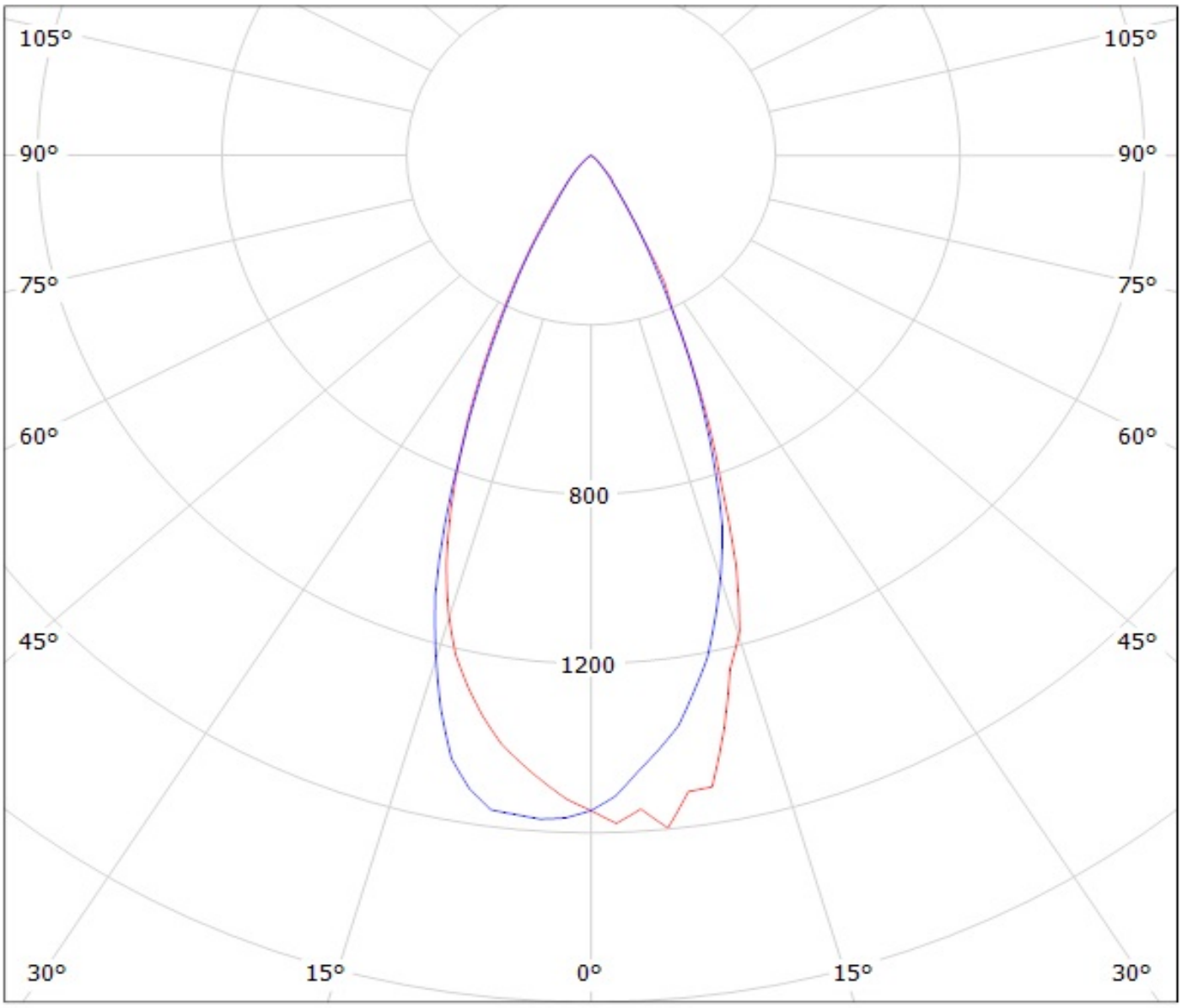
Luminaire: Ledil Oy CA12392_LXP2-W (Cree XP-E 77lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-E 77lm @ 250mA



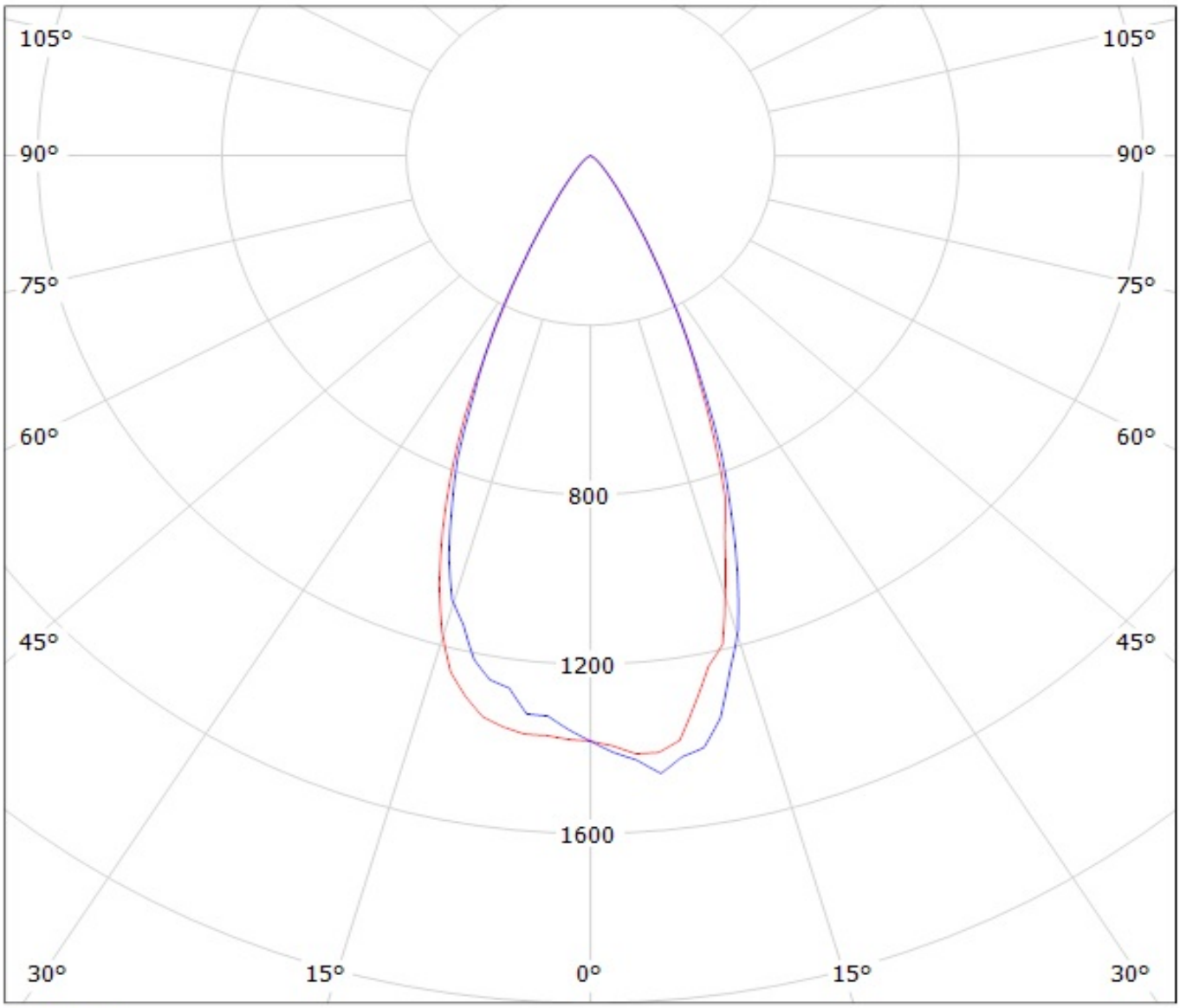
Luminaire: Ledil Oy CA12392_LXP2-G-W (Cree XP-G 71lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XP-G 89lm @ 250mA



Luminaire: Ledil Oy CA12392_LXP2-W-XT-E (CA12392_LXP2-W-XT-E (AWT))
Lamps: 1 x XT-E 113lm @ 250mA

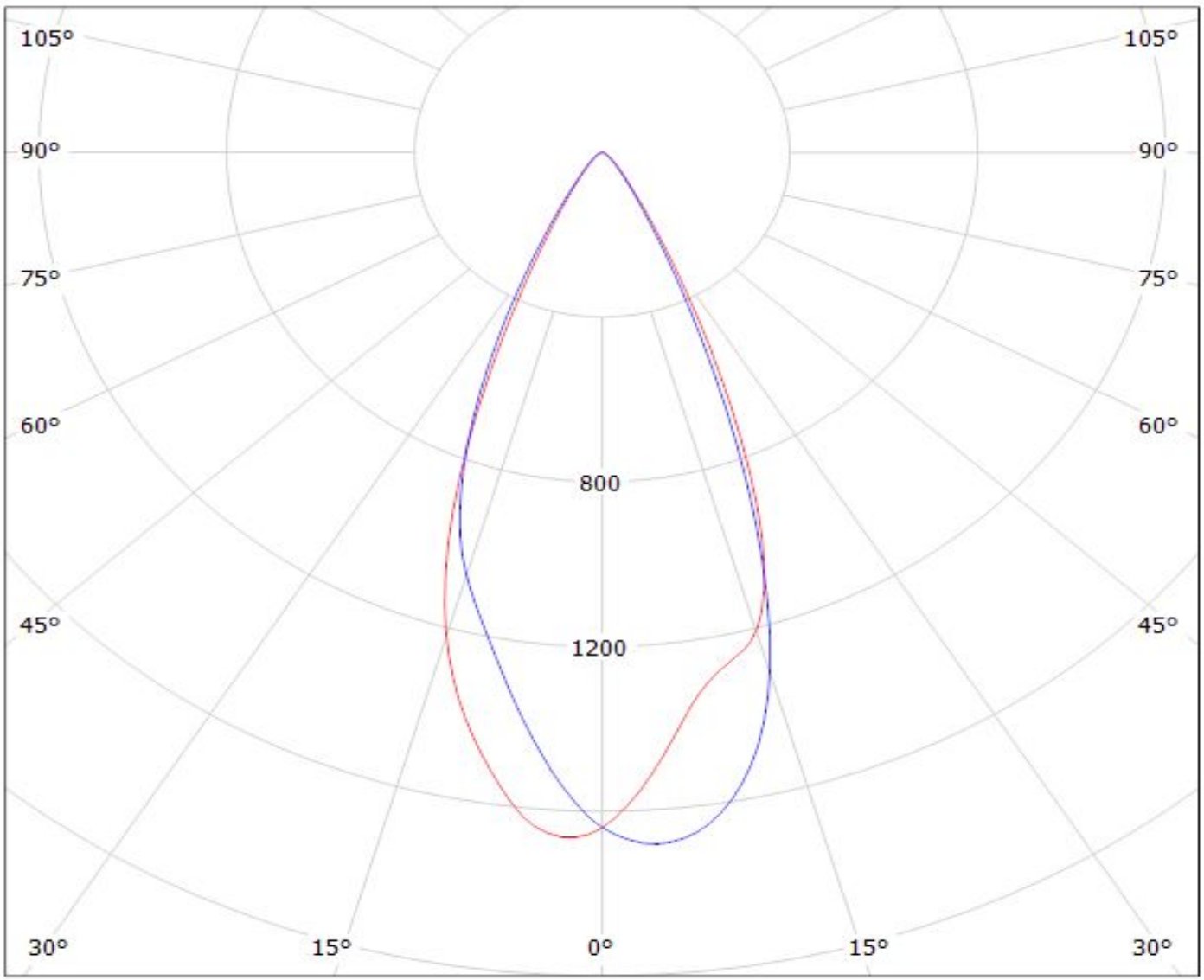


Luminaire: Ledil Oy CA12392_LXP2-W_(XP-G2) Efficiency=87%
Lamps: 1 x Cree XP-G2 (104lm@250mA) CCT=6600K P=0.8W I=250mA



LEDiL Oy CA12392 LXP2-W_(XP-E2) Eff.87.1% / LDC (Polar)

Luminaire: LEDiL Oy CA12392 LXP2-W_(XP-E2) Eff.87.1%
Lamps: 1 x CREE_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_80.62lm@250mA_P=0.745802W_I=249.9mA

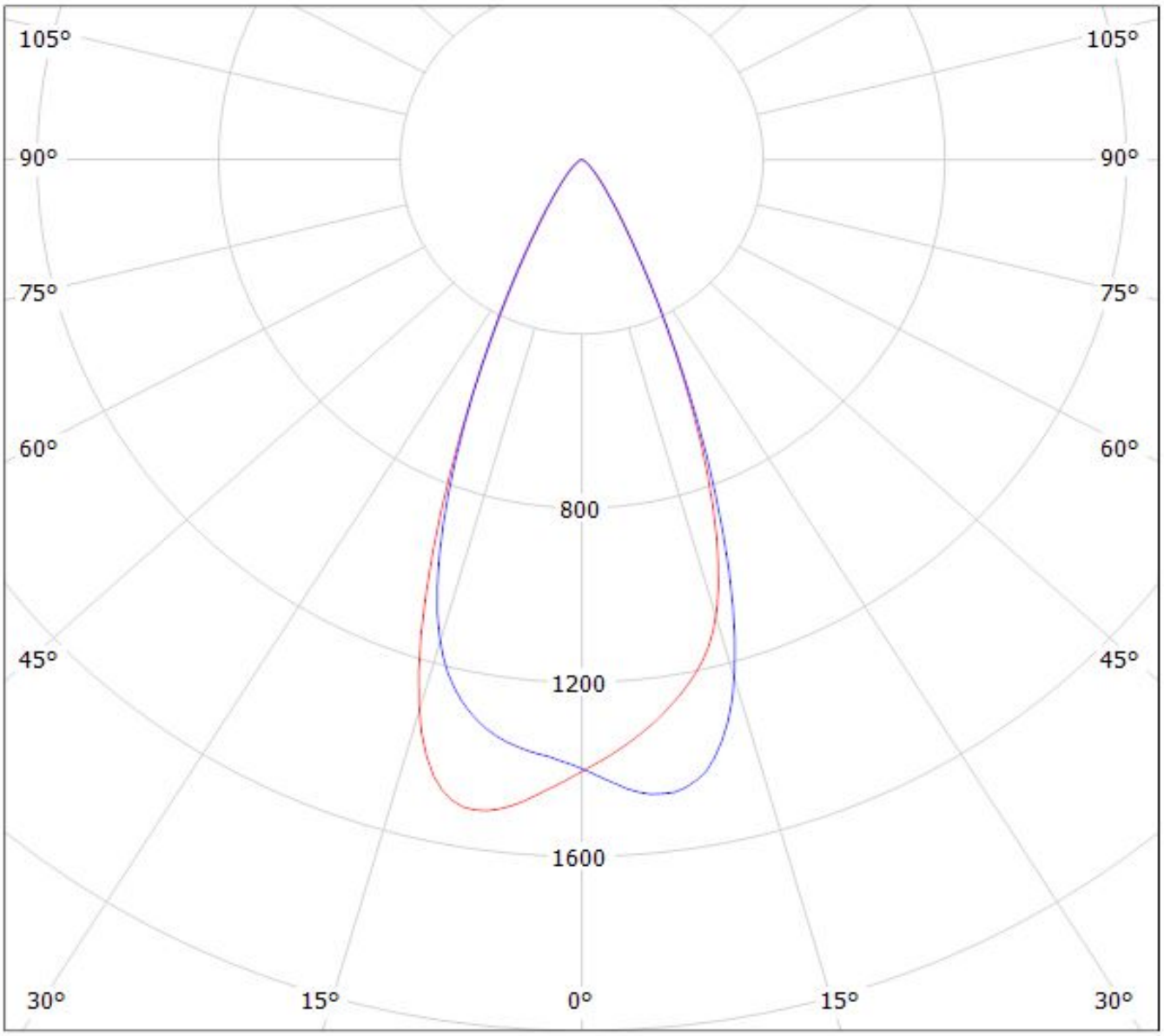


cd/klm

η = 87%

C0 - C180 C90 - C270

Luminaire: Ledil CA12392_LXP2-W_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



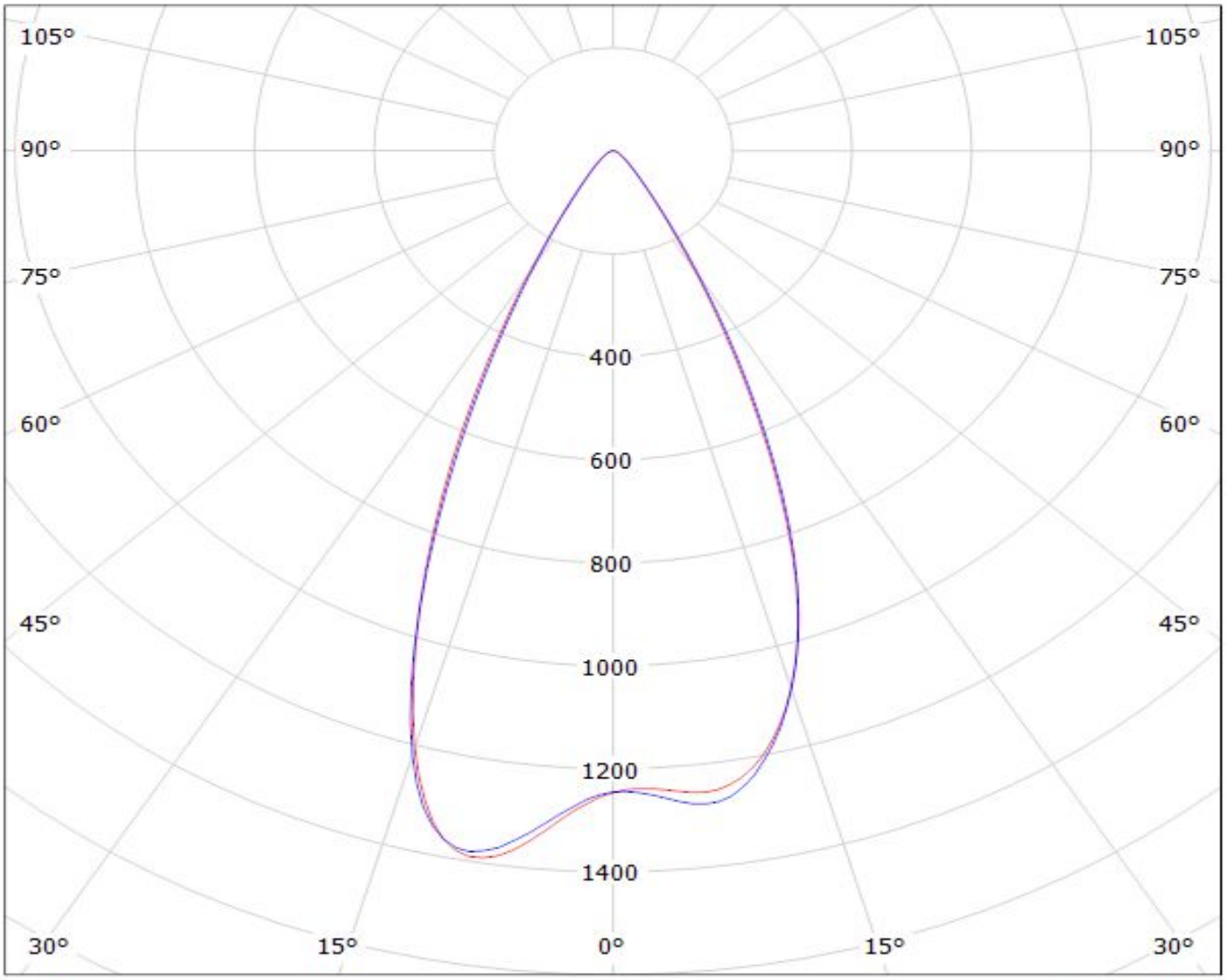
cd/klm

η = 84%

C0 - C180 C90 - C270

LEDiL Oy CA12392_LXP2-W_(3535_Ceramic)_3 Eff.87.4% / LDC (Polar)

Luminaire: LEDiL Oy CA12392_LXP2-W_(3535_Ceramic)_3 Eff.87.4%
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)



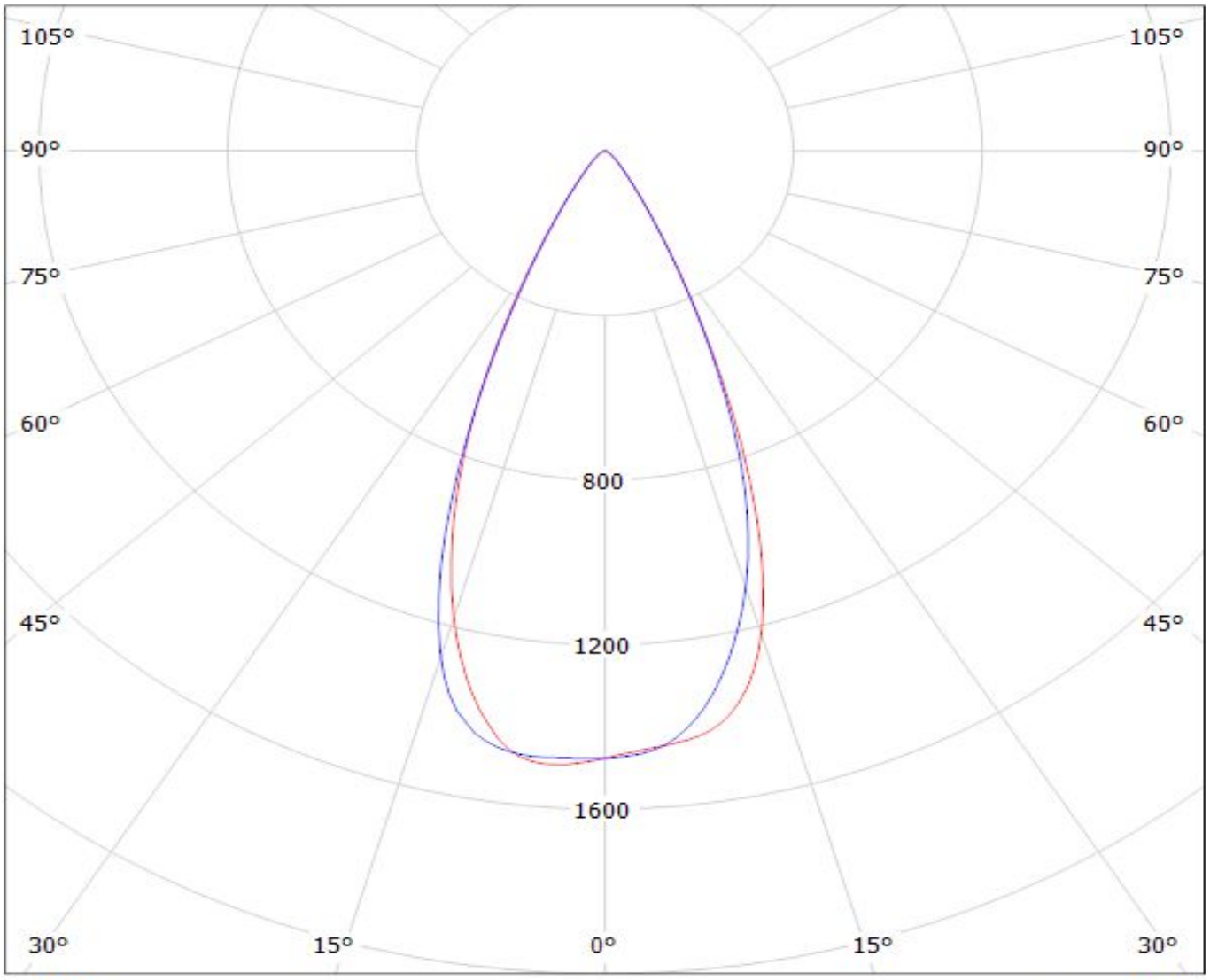
cd/klm

η = 87%

C0 - C180 C90 - C270

LEDiL Oy CA12392_LXP2-W_(LG3535_2W) Eff.87.2% / LDC (Polar)

Luminaire: LEDiL Oy CA12392_LXP2-W_(LG3535_2W) Eff.87.2%
Lamps: 1 x LG3535_2W (97.3629lm@250mA)

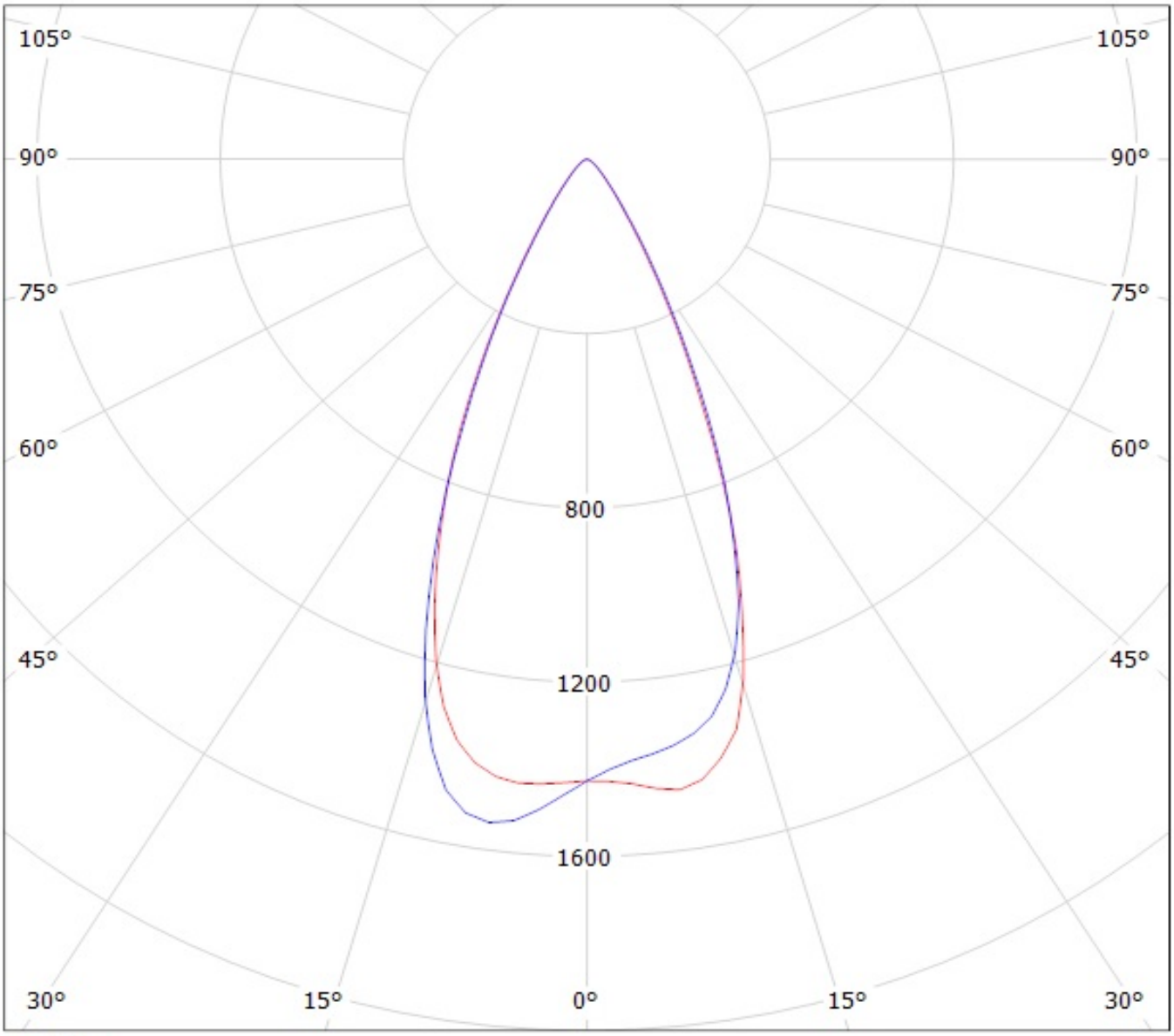


cd/klm

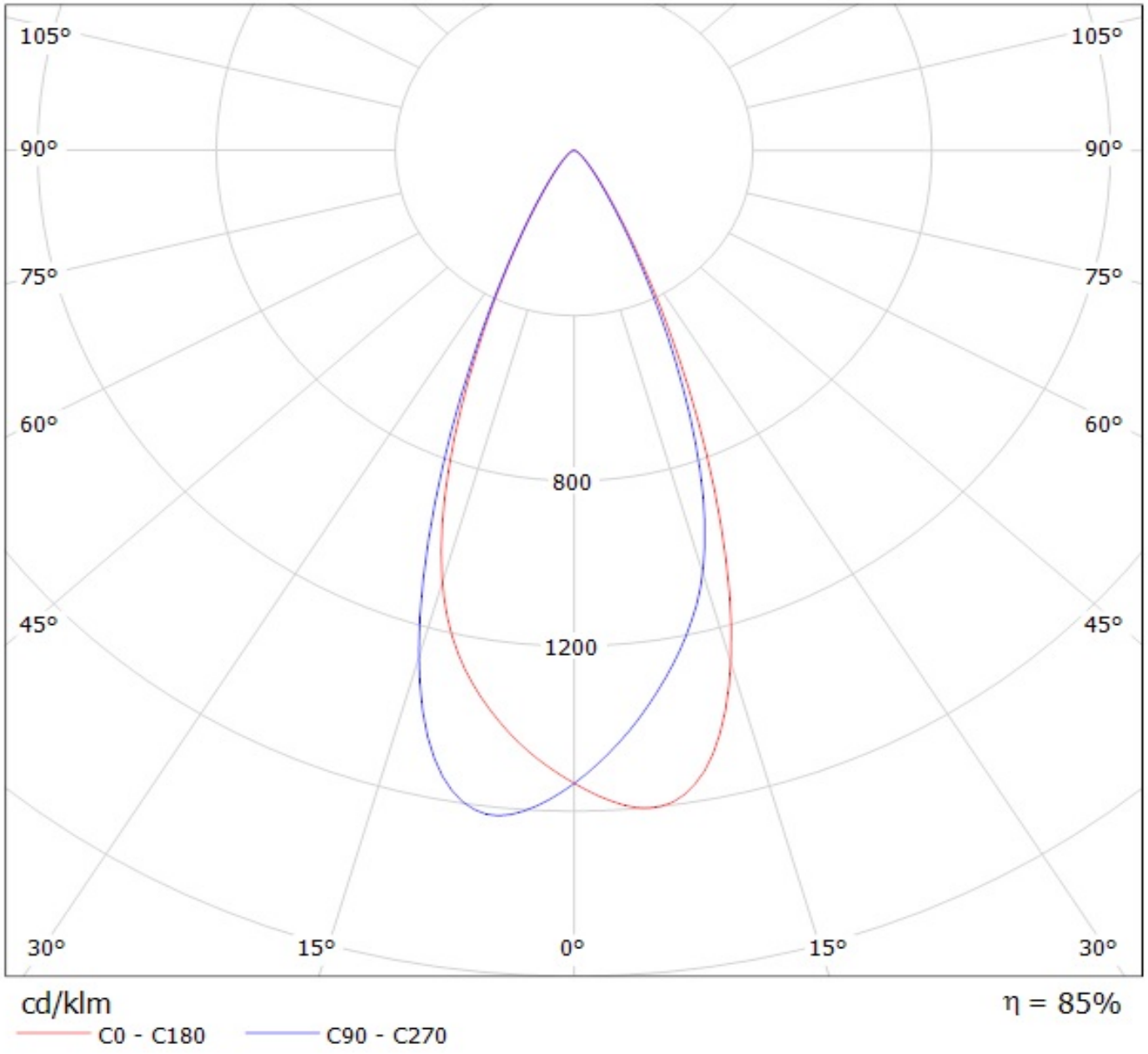
η = 87%

C0 - C180 C90 - C270

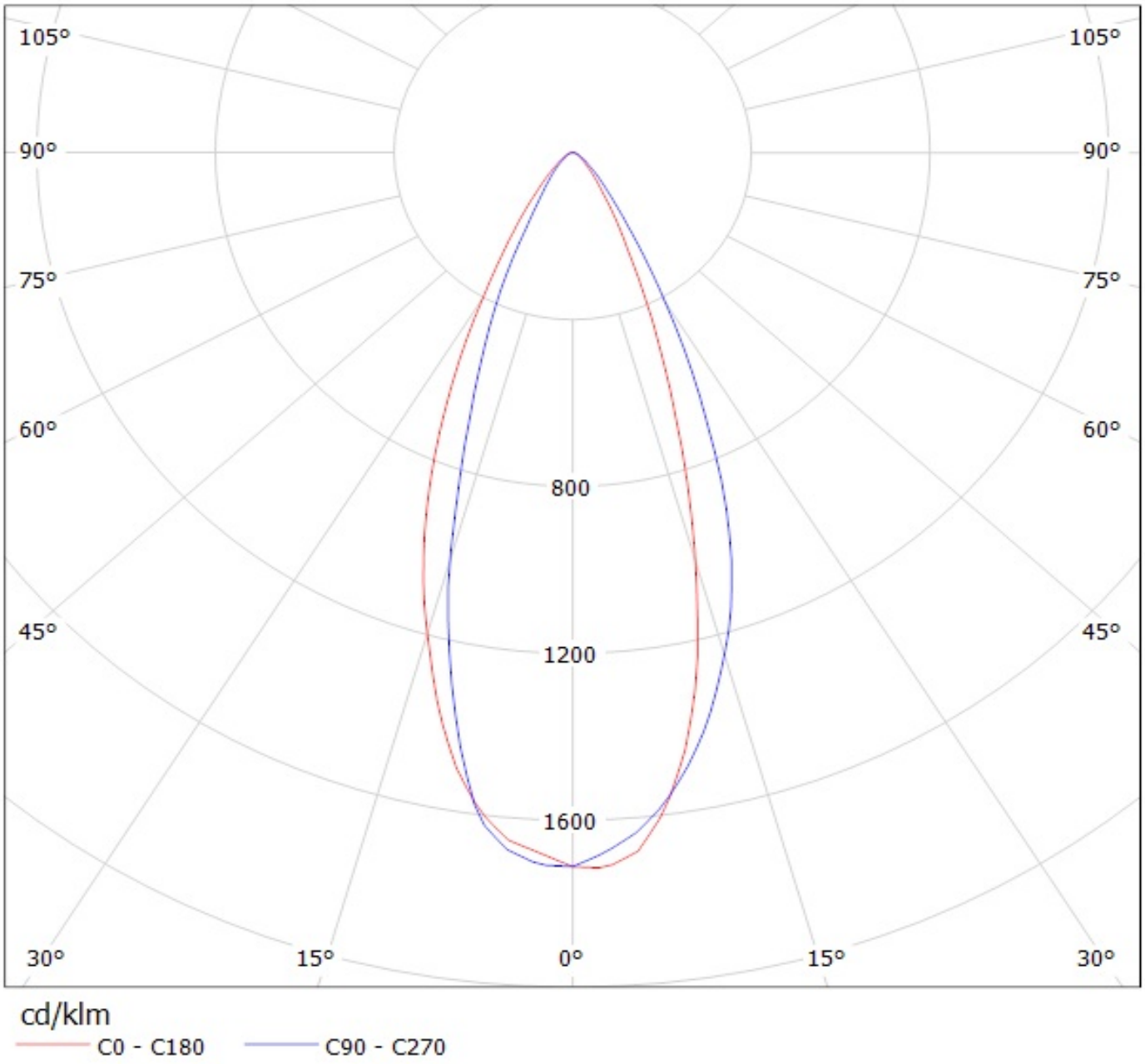
Luminaire: Ledil Oy CA12392_LXP2-W_(3535_Ceramic_gen2) Efficiency=90%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



Luminaire: LEDiL Oy CA12392_LXP2-W_(LUXEON_Q) Eff.84.8%
Lamps: 1 x LUXEON_Q_(LHQ-3080)_76.0112lm@250mA_P=0.753249W_I=249.9mA



Luminaire: Ledil Oy CA12392_LXP2-W (Seoul Z5 77lm @ 250mA) Efficiency=93%
Lamps: 1 x Seoul Z5 77lm @ 250mA



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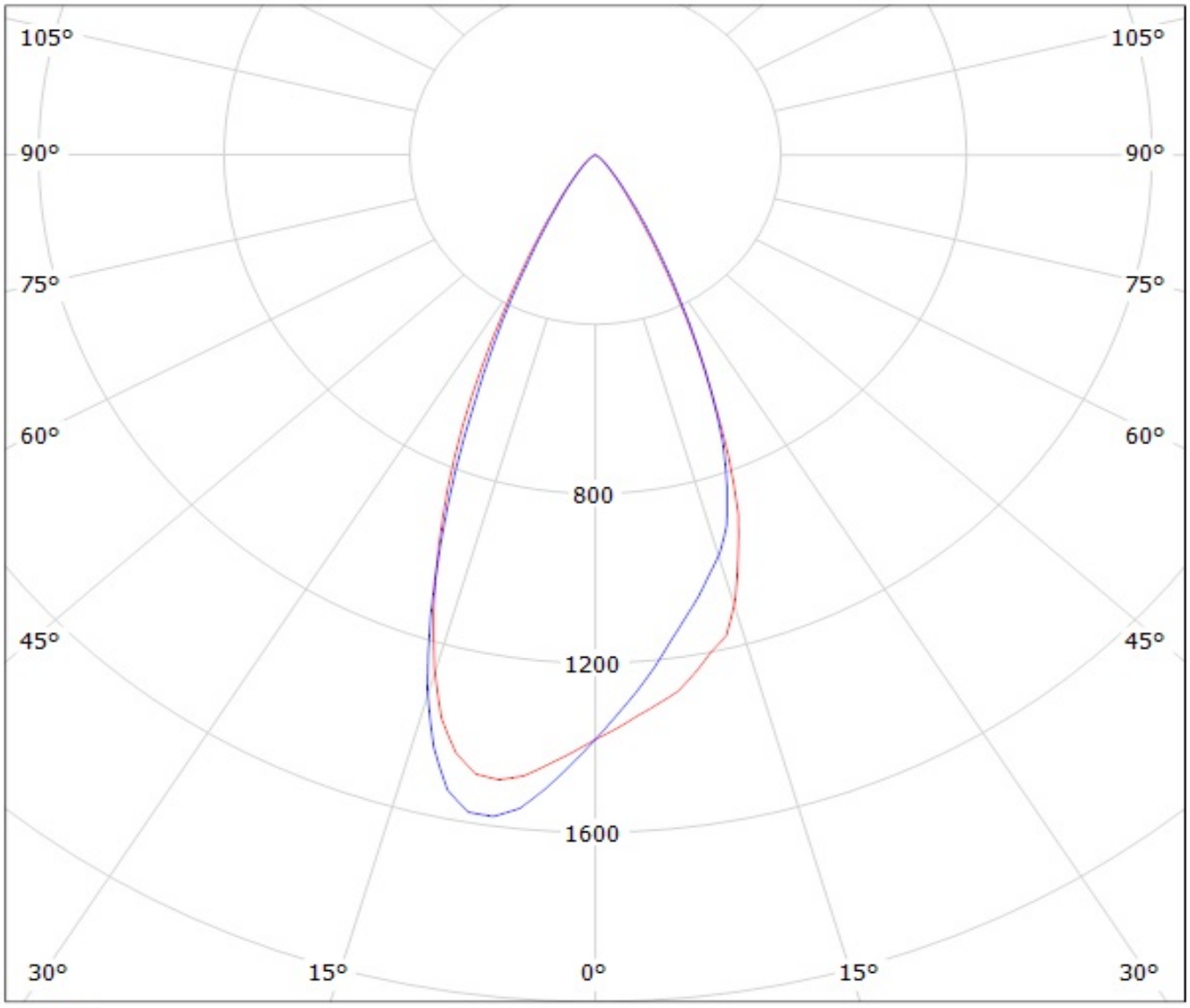
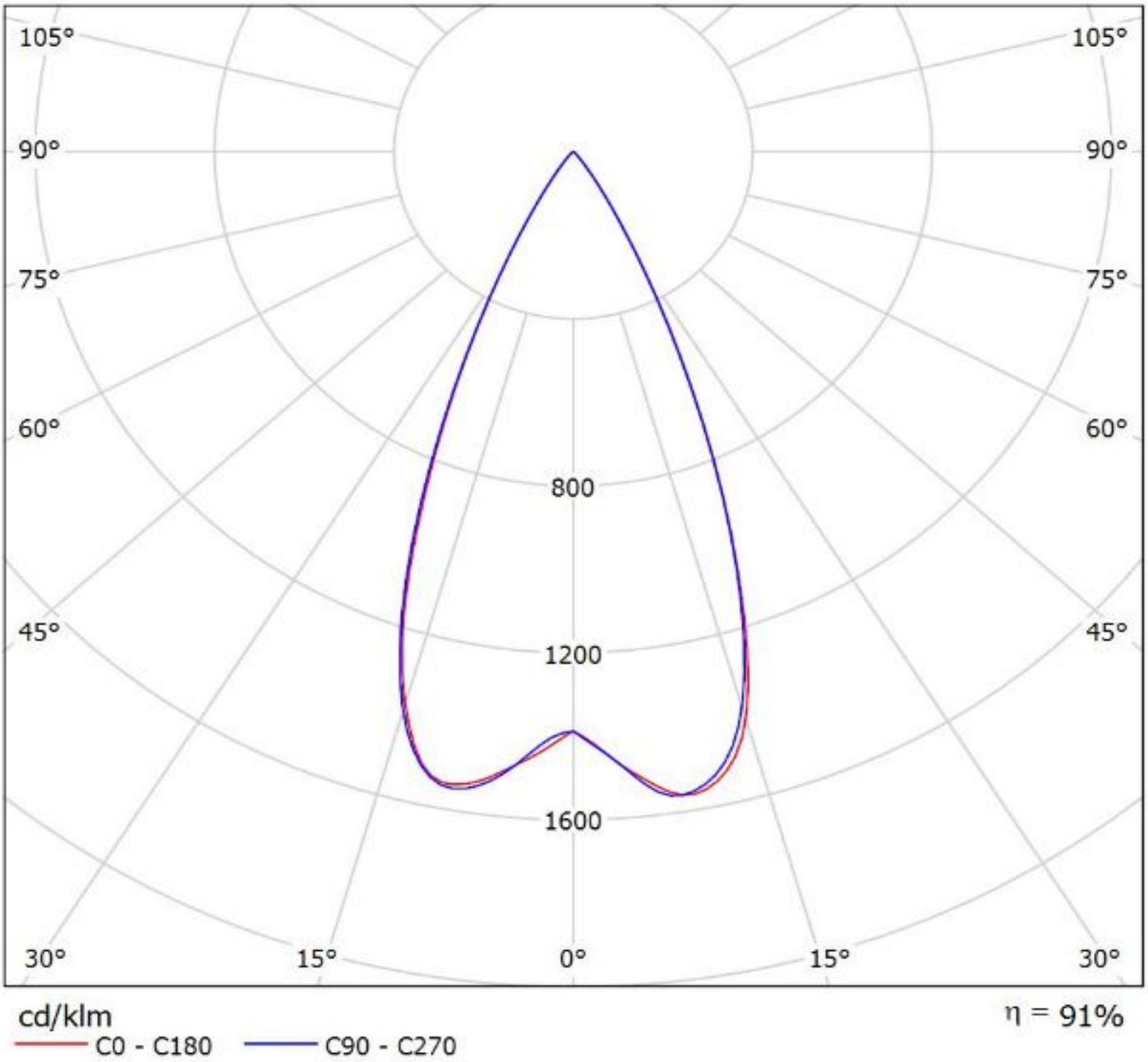
Lamps: 1 x Seoul Z5M1 (SZ5M1-W0-C8/W1-A5-G) 108lm @ 250mA CCT=9100K P=0.8W I=250mA



Luminaire: Ledil Oy CA12392_LXP2-W_SEOUL_Z8Y22+_SIMULATED
Lamps: 1 x SEOUL Z8Y22 Plus



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.