PRODUCT DATASHEET
Emily series
last update 14/5/2014

DETAILS

Product Number	CA12062_EMILY-D
Family	Emily
Type	Assembly
Color	clear
Diameter	26 mm
Height	14.9 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, tape
Status	ready
ROHS Comliant	Yes
Date Updated	14/05/2014

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XM-L HVW	sim: 14	Diffuser	88 %	9.400	-
XP-E2	8 deg	Diffuser	87 %	27.300	-
XP-L HI	9 deg	Diffuser	87 %	20.000	-
XT-E	9 deg	Diffuser	-	14.000	-
Oslon Square EC	9 deg	Diffuser	86 %	20.060	-
XB-H	10 deg	Diffuser	89 %	17.500	-
XP-G2	10 deg	Diffuser	90 %	20.800	-
LH351Z	10 deg	Diffuser	88 %	20.000	-
Z5M1/Z5M2	10 deg	Diffuser	94 %	18.200	-
LUXEON Rebel ES	10 deg	Diffuser	91 %	-	-
LUXEON A	11 deg	Diffuser	91 %	-	-
LH351B	12 deg	Diffuser	88 %	14.000	-
XP-L	13 deg	Diffuser	90 %	10.200	-
XM-L2	14 deg	Diffuser	90 %	10.200	-
NS9x383	14 deg	Diffuser	90 %	7.900	-
XM-L	14 deg	Diffuser	90 %	10.100	-

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24240 SALO, Finland

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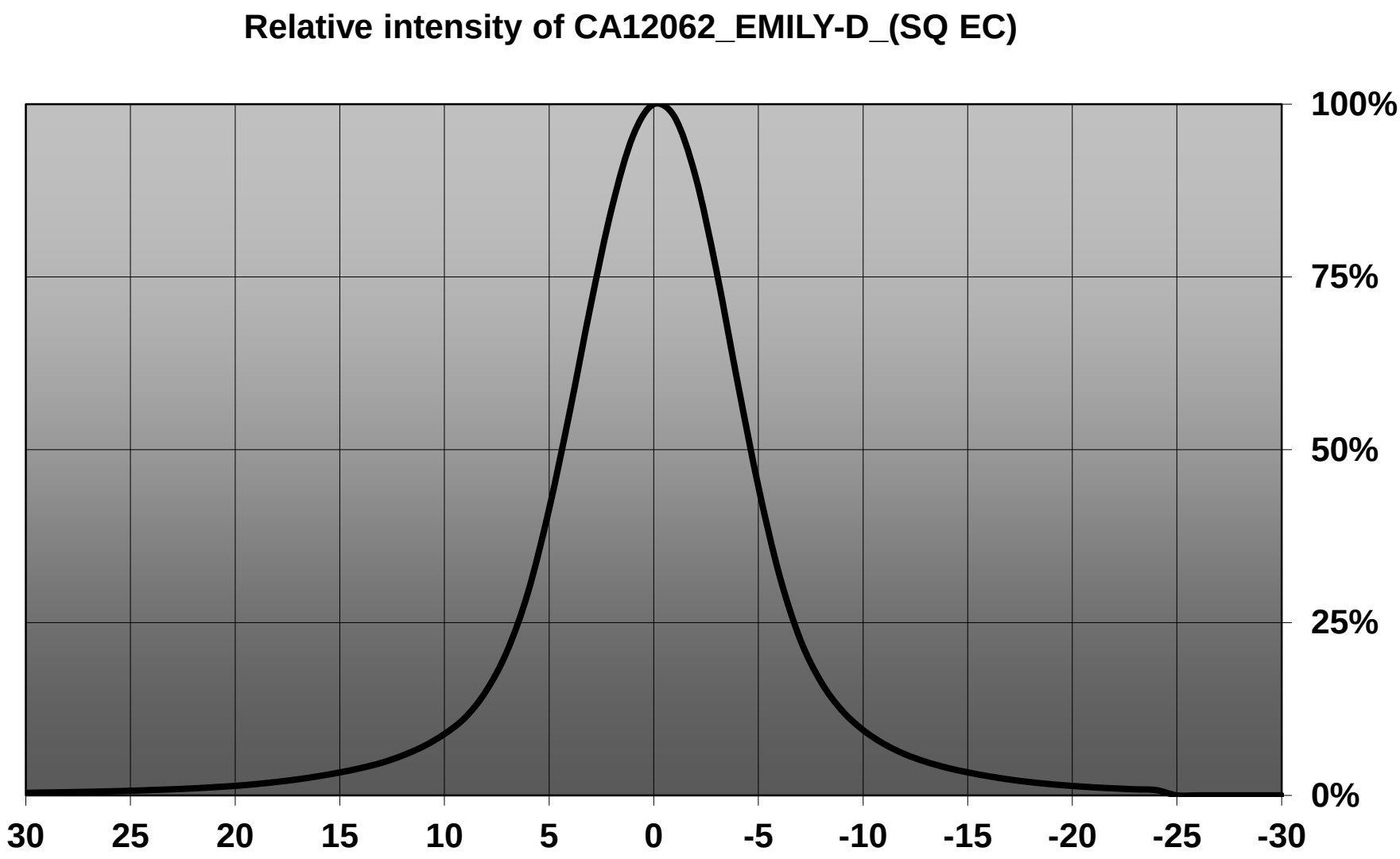
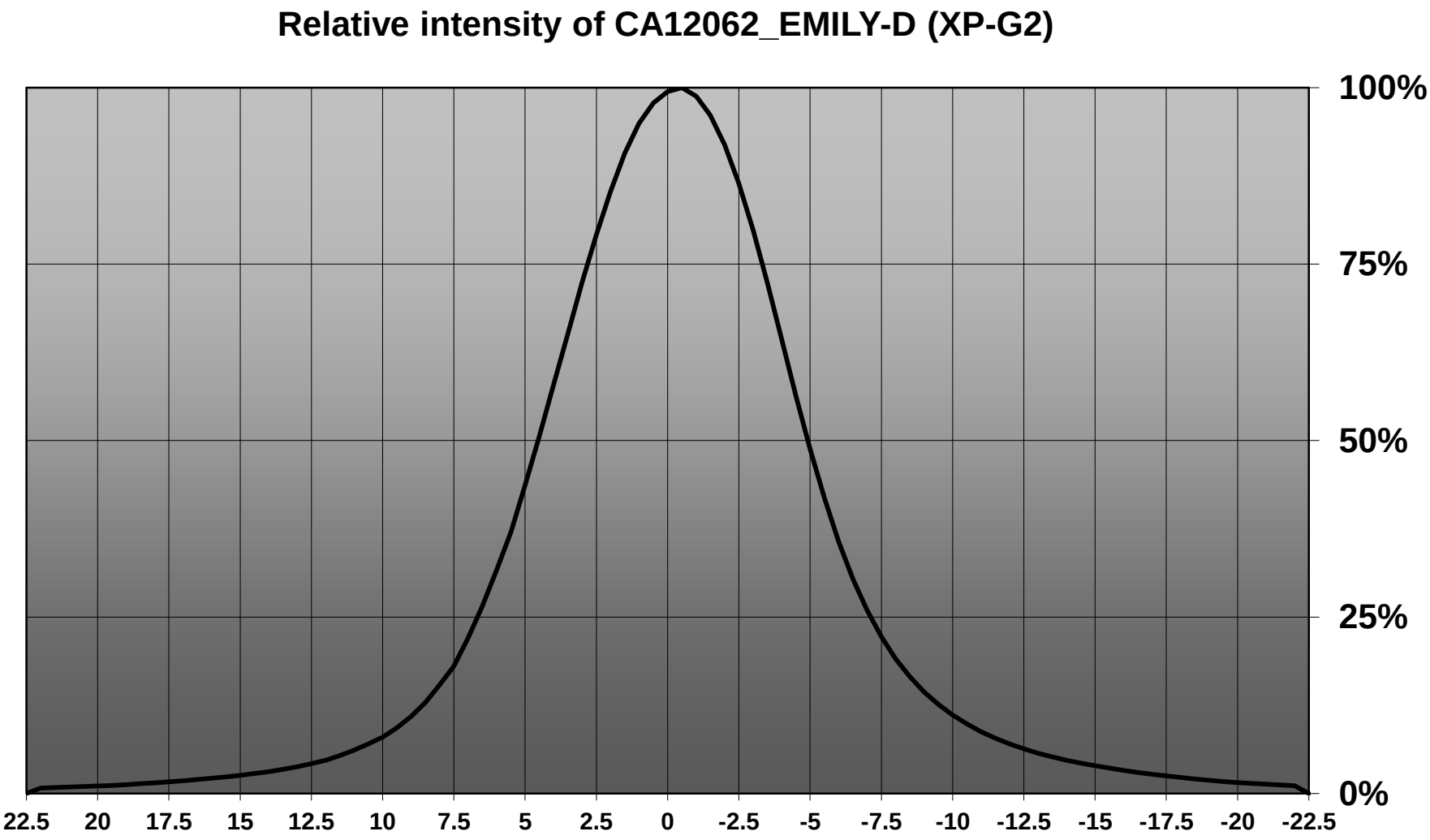
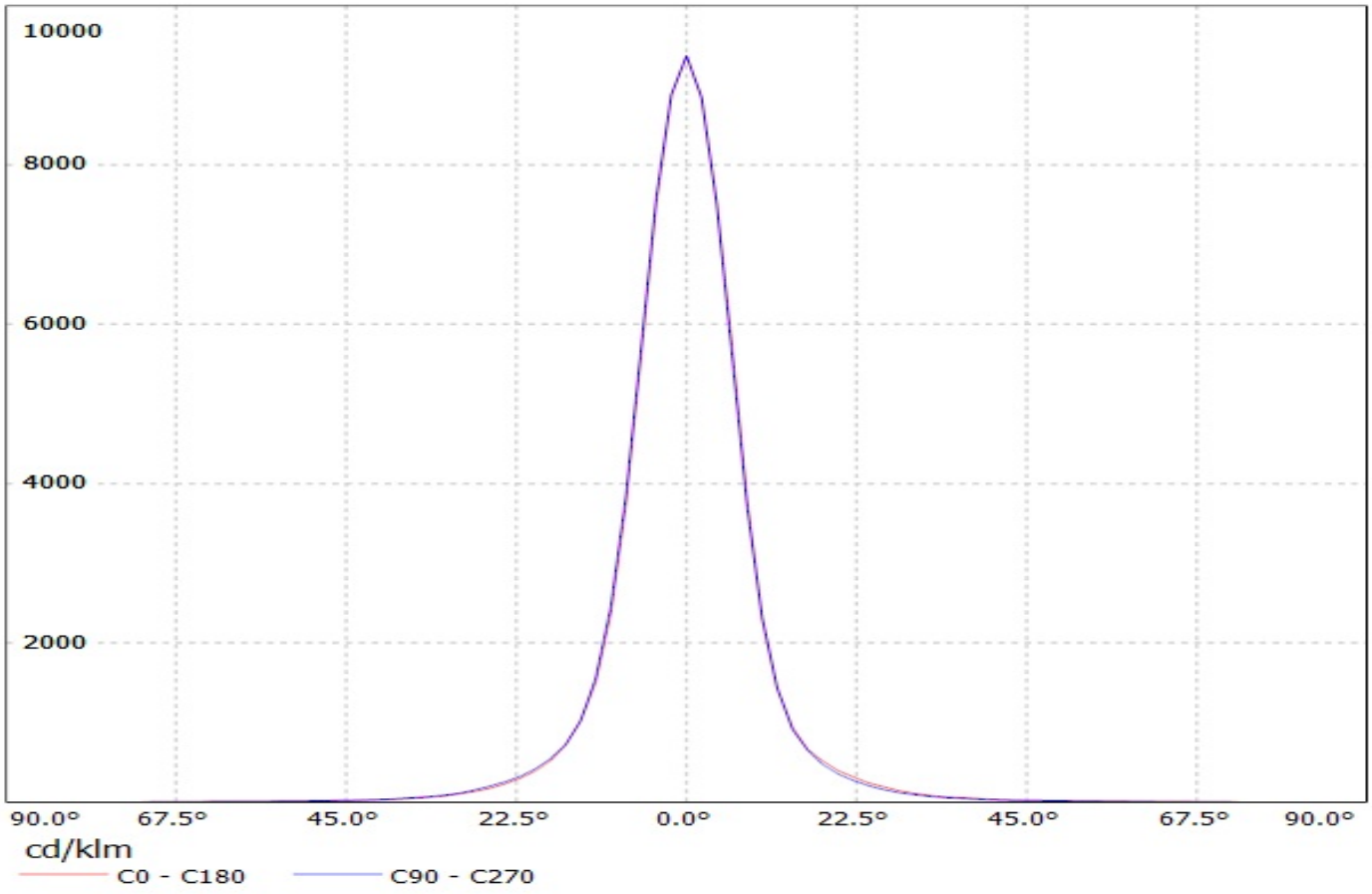
FAX: +358-2-733 8001

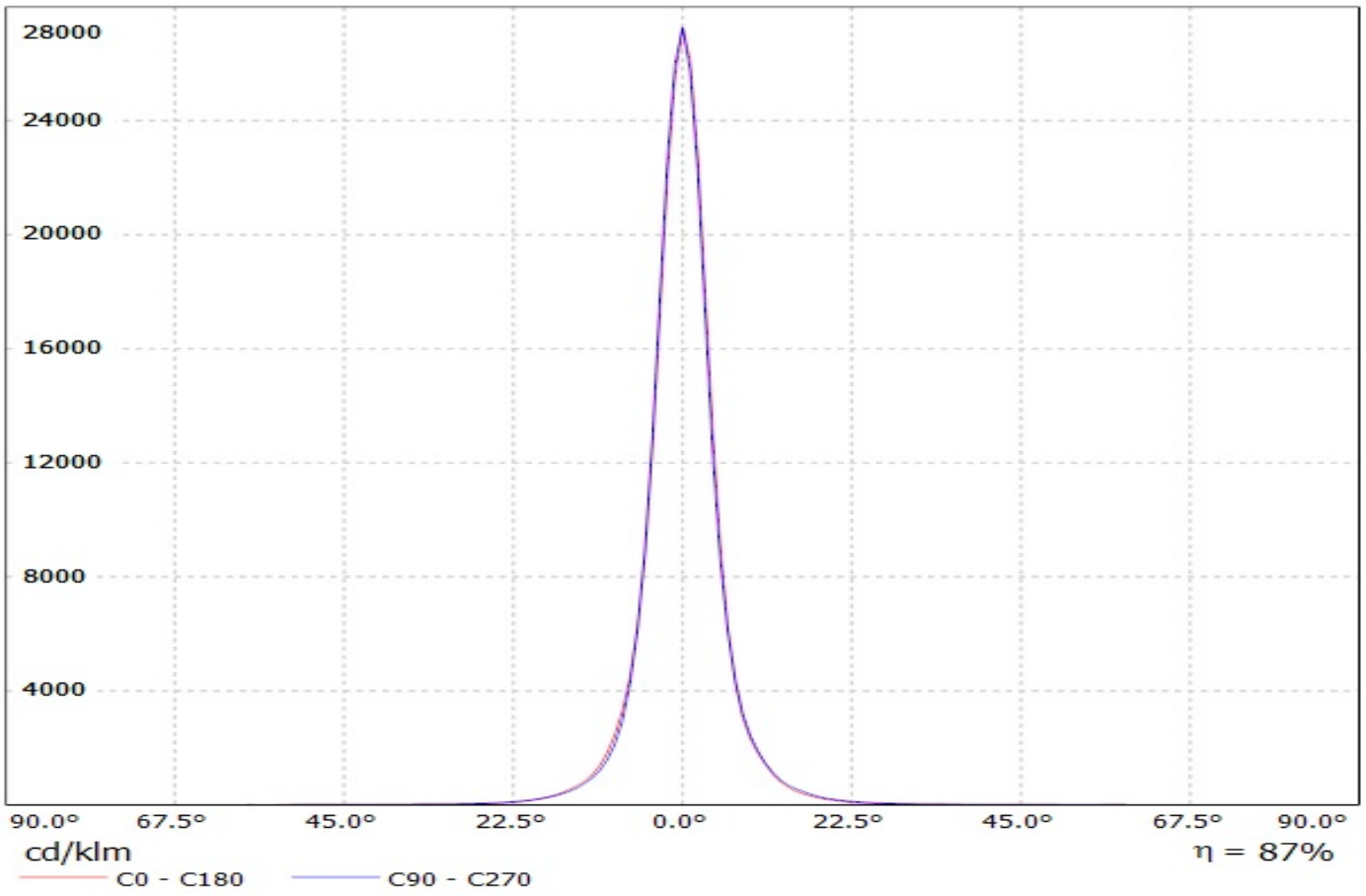

Relative intensity of CA12062_EMILY-D_(SQ EC)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30


Relative intensity of CA12062_EMILY-D (XP-G2)
100%
75%
50%
25%
0%
22.5
20
17.5
15
12.5
10
7.5
5
2.5
0
-2.5
-5
-7.5
-10
-12.5
-15
-17.5
-20
-22.5

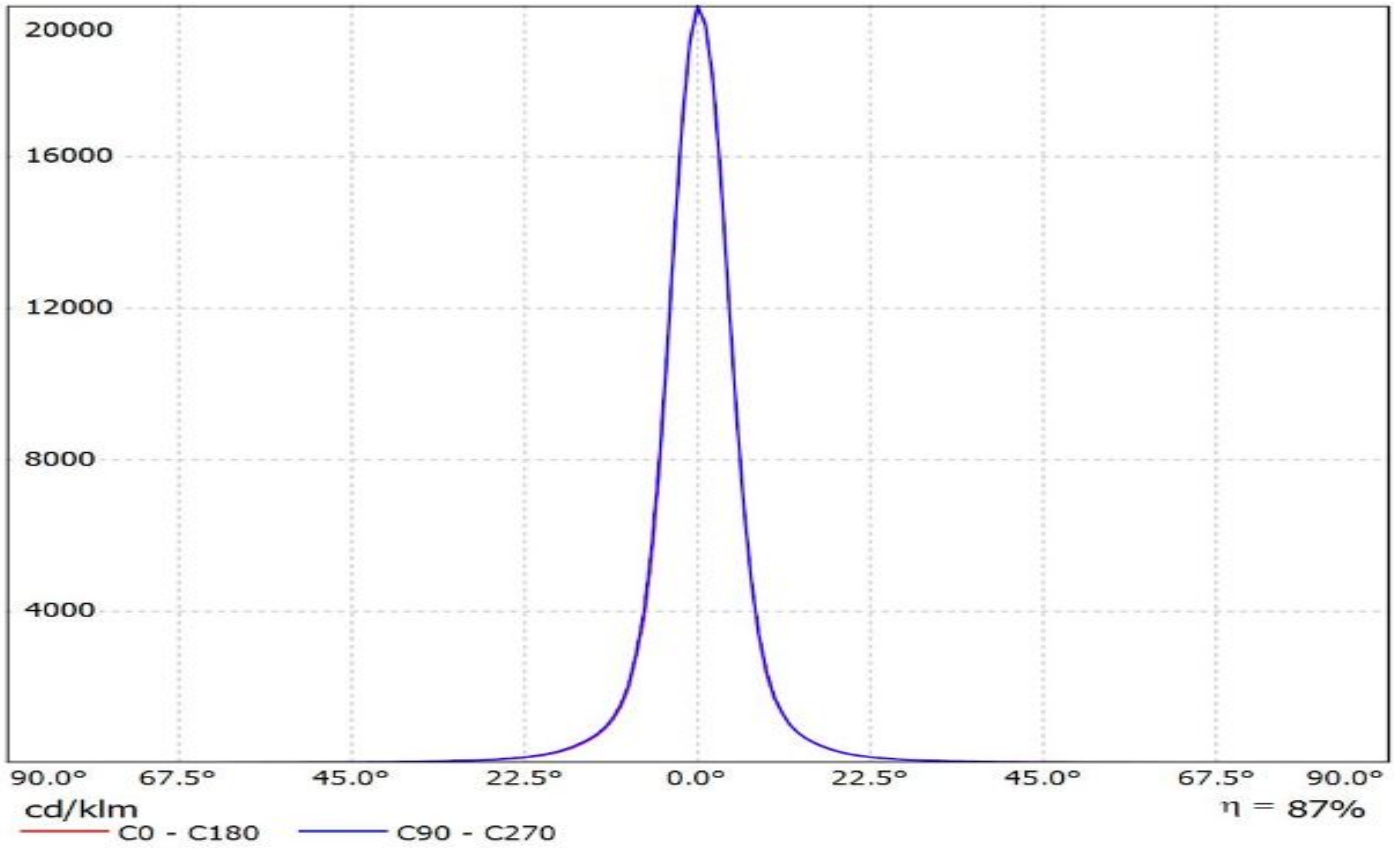
Luminaire: Ledil Oy CA12062_EMILY-D (Cree XM-L HVW 285lm 50mA) Efficiency=88%
Lamps: 1 x Cree XM-L HVW 285lm 50mA



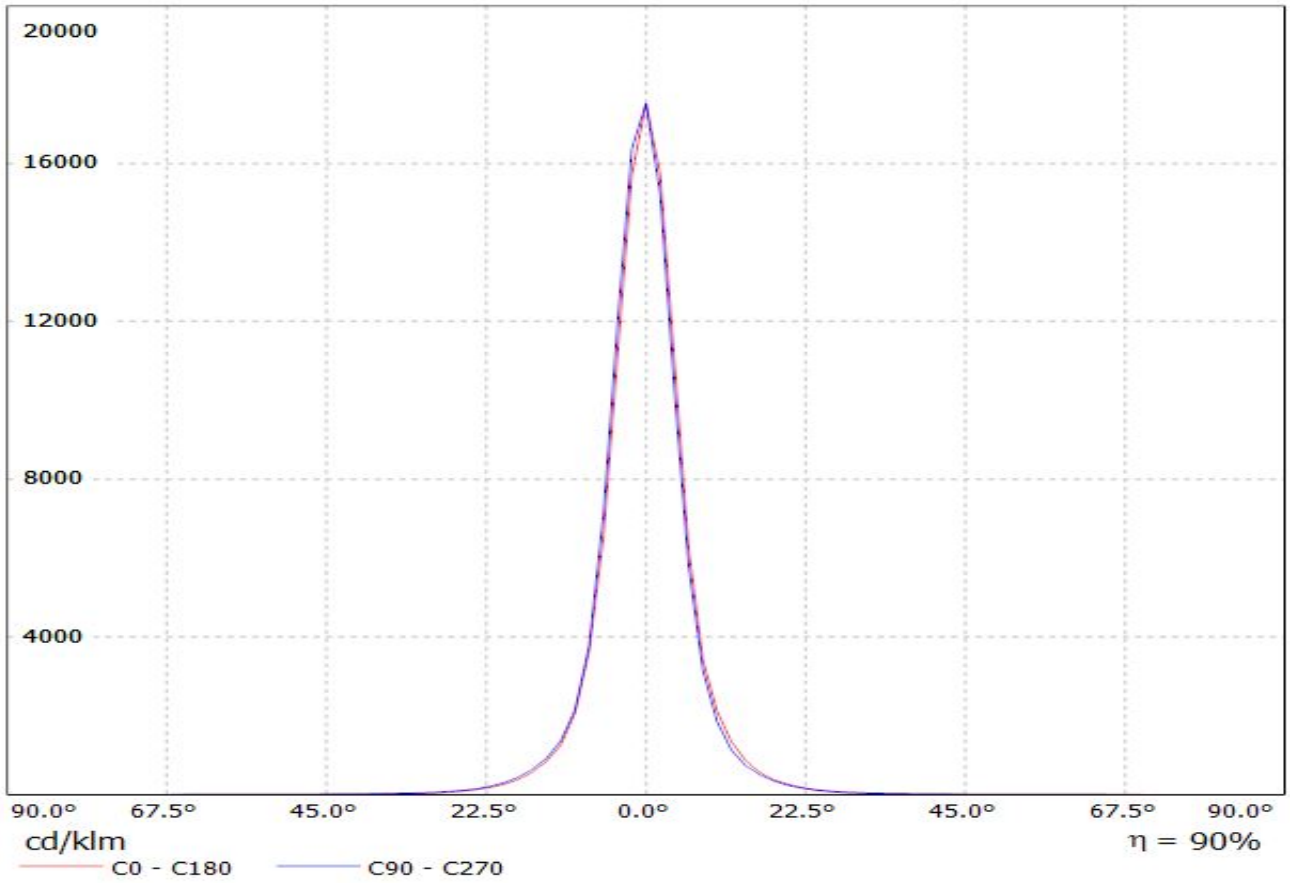
Luminaire: LEDil Oy CA12062_EMILY-D_(XP-E2)
Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 78.62lm @ 250mA P=0.8W I=250mA



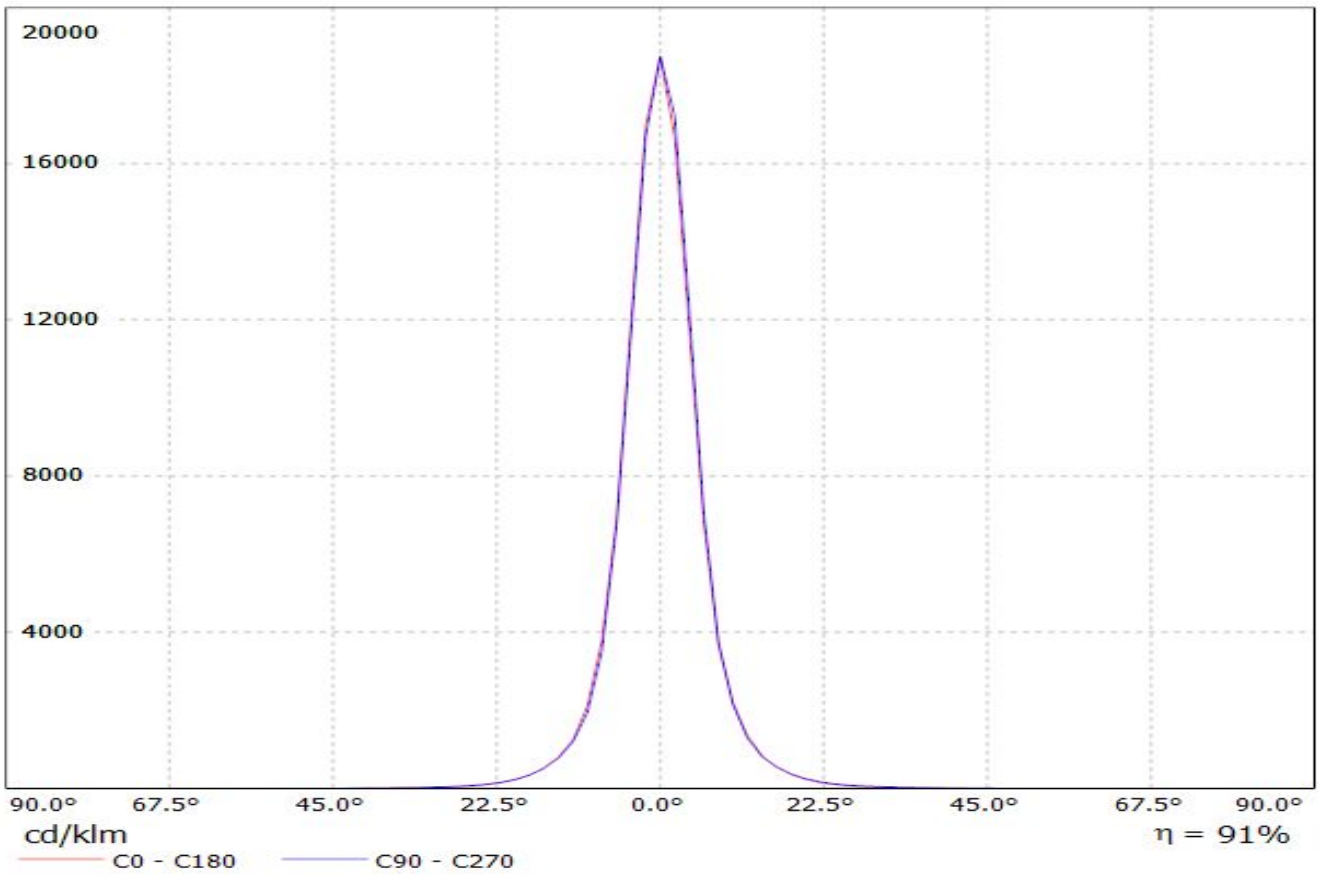
Luminaire: Ledil CA12062_EMILY-D_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



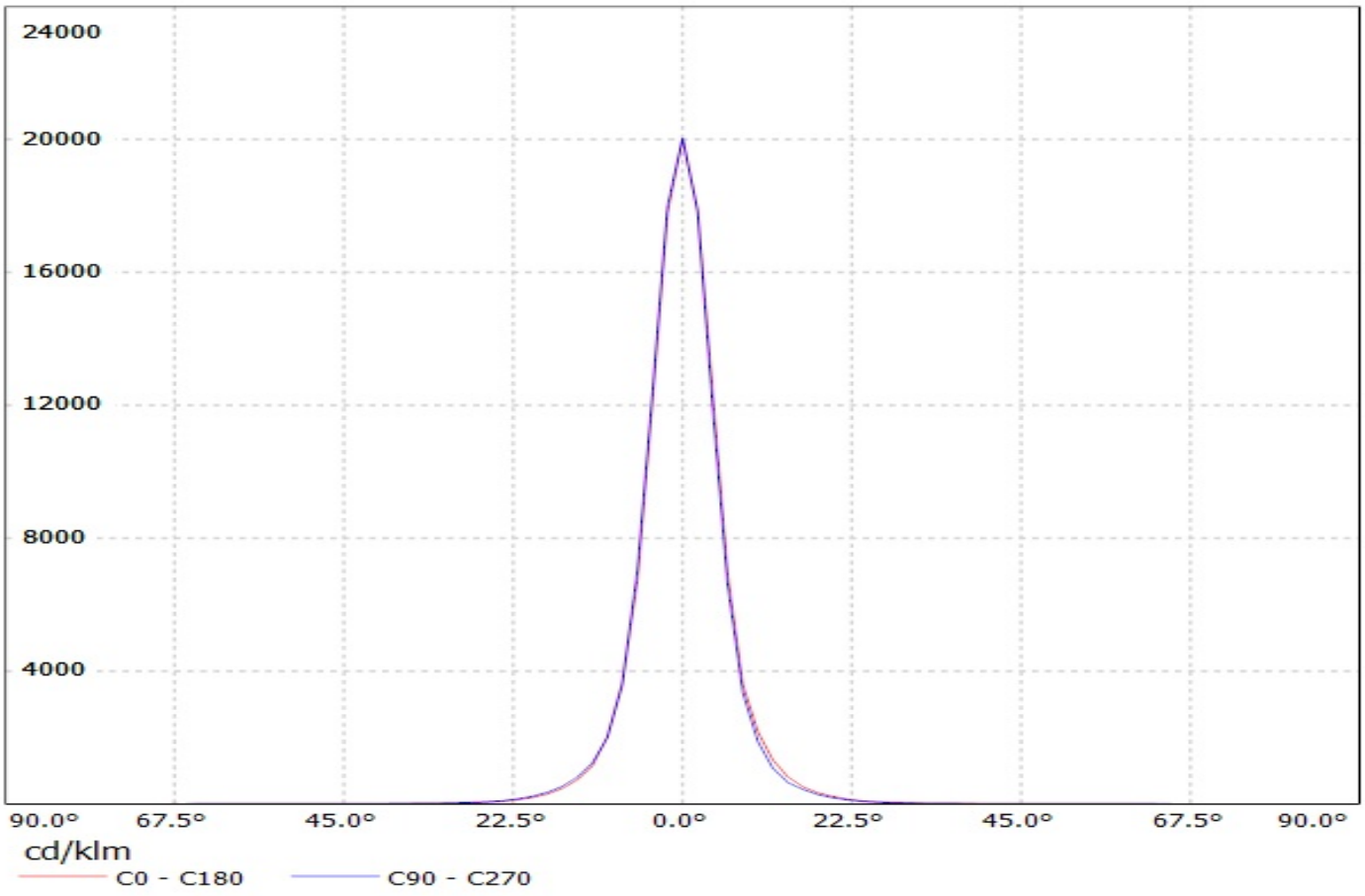
Luminaire: Ledil Oy CA12062_EMILY-D_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



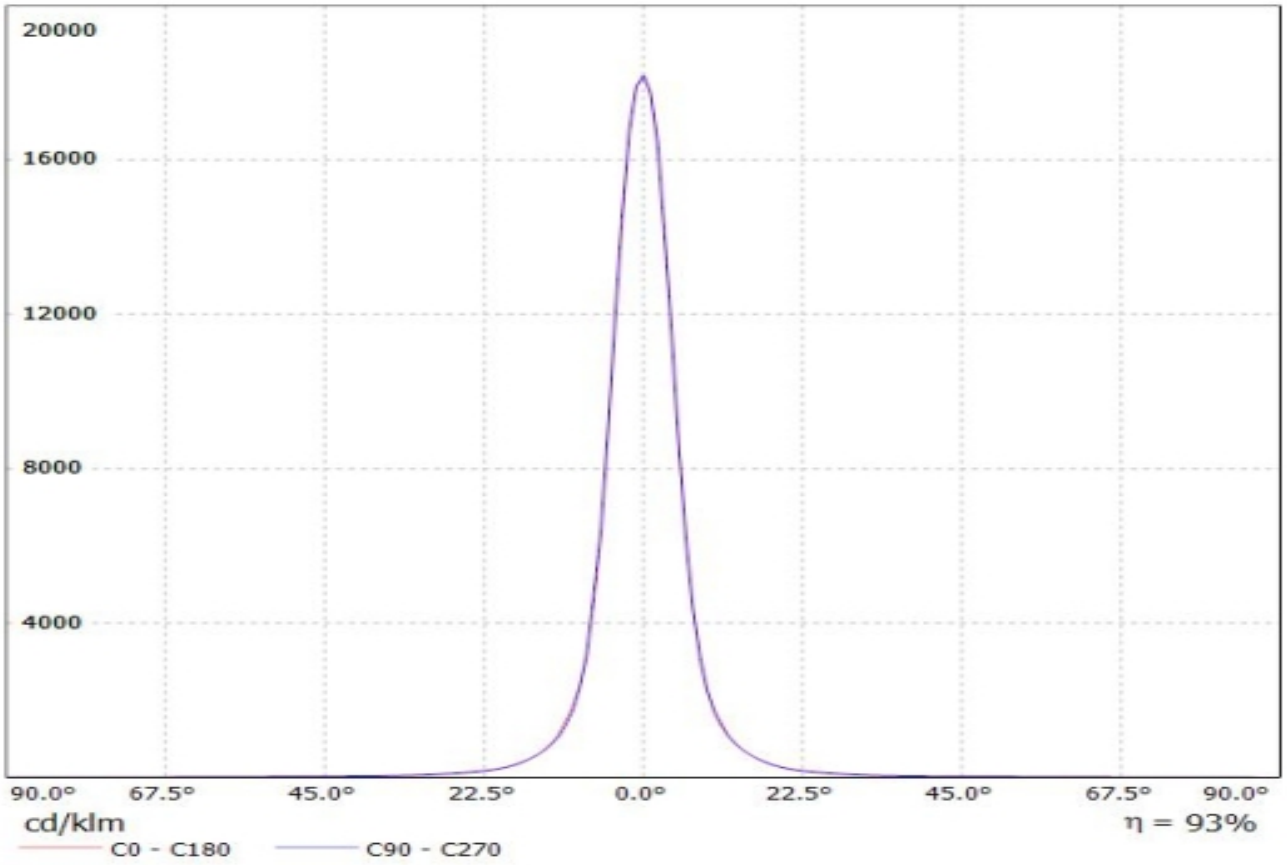
Luminaire: Ledil Oy CA12062_EMILY-D_(XP-G2) Efficiency=90%
Lamps: 1 x Cree XP-G2 103lm @ 250mA CCT= P=0.80W I=250mA



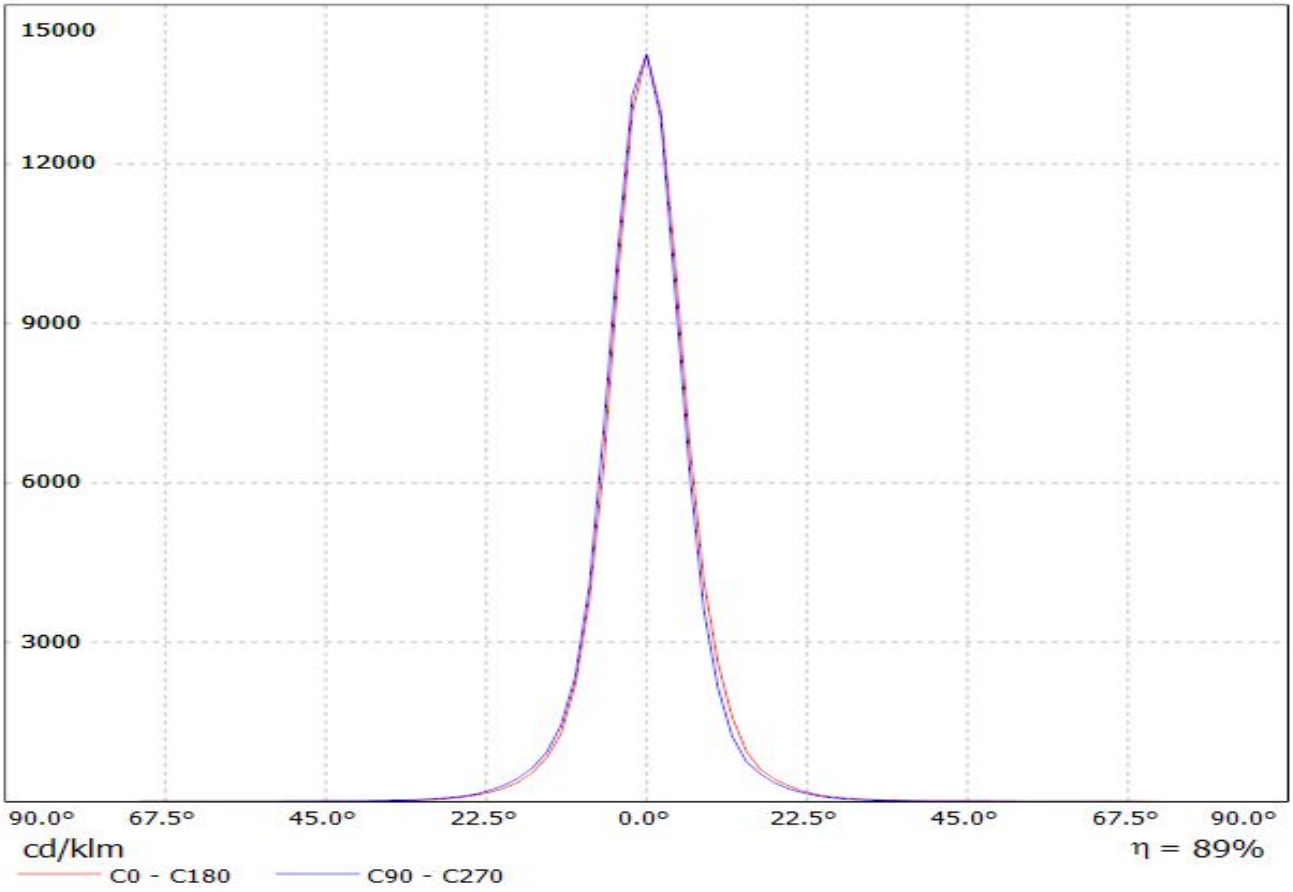
Luminaire: Ledil Oy CA12062_EMILY-D_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



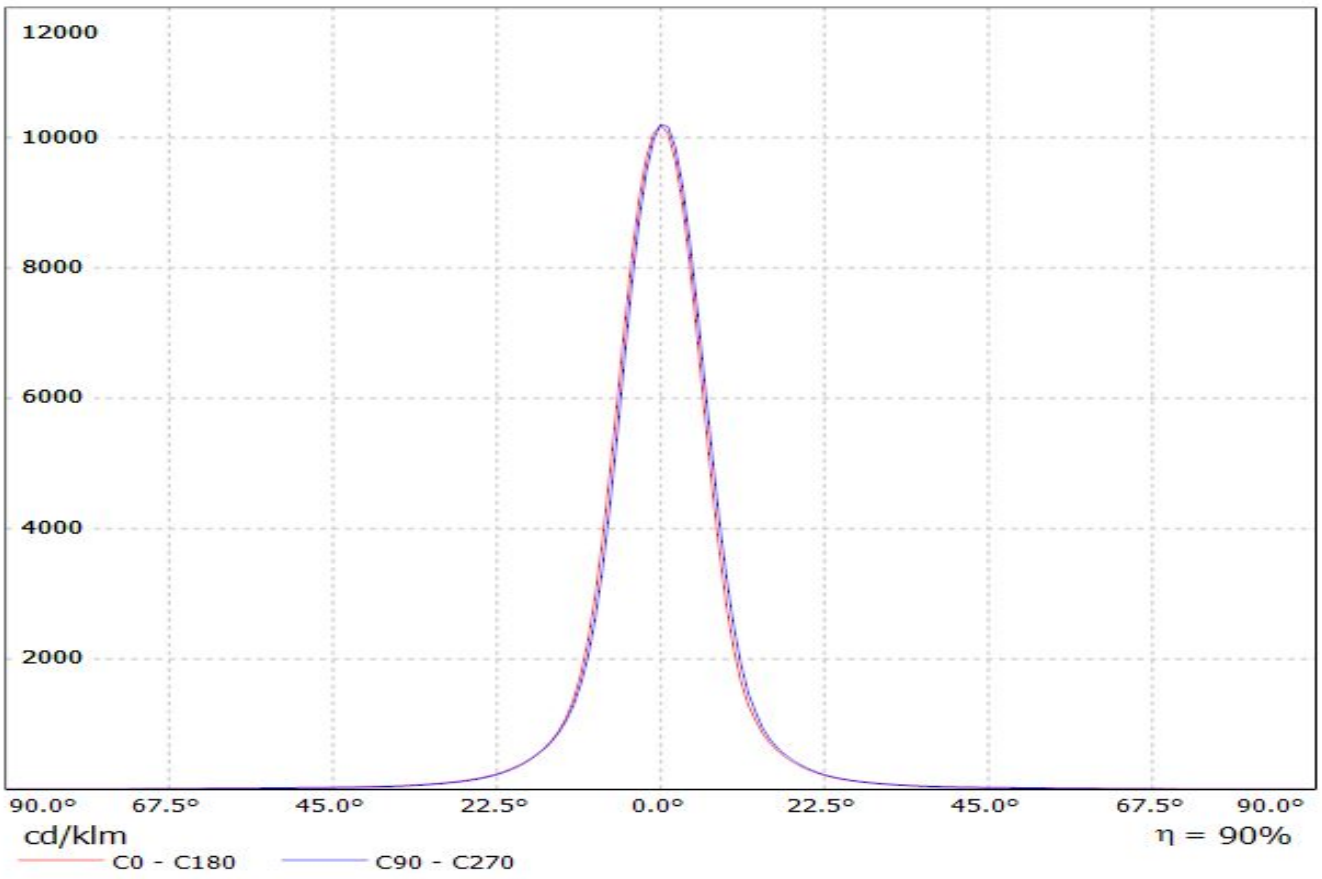
Luminaire: LEDiL Oy CA12062_EMILY-D_(SEOUL_Z5M1)
Lamps: 1 x CA12062_EMILY-D_(SZ5M1-W0-C8/W1-A5-G)_107.813lm@250mA_P=0.740229W_I=249.9mA



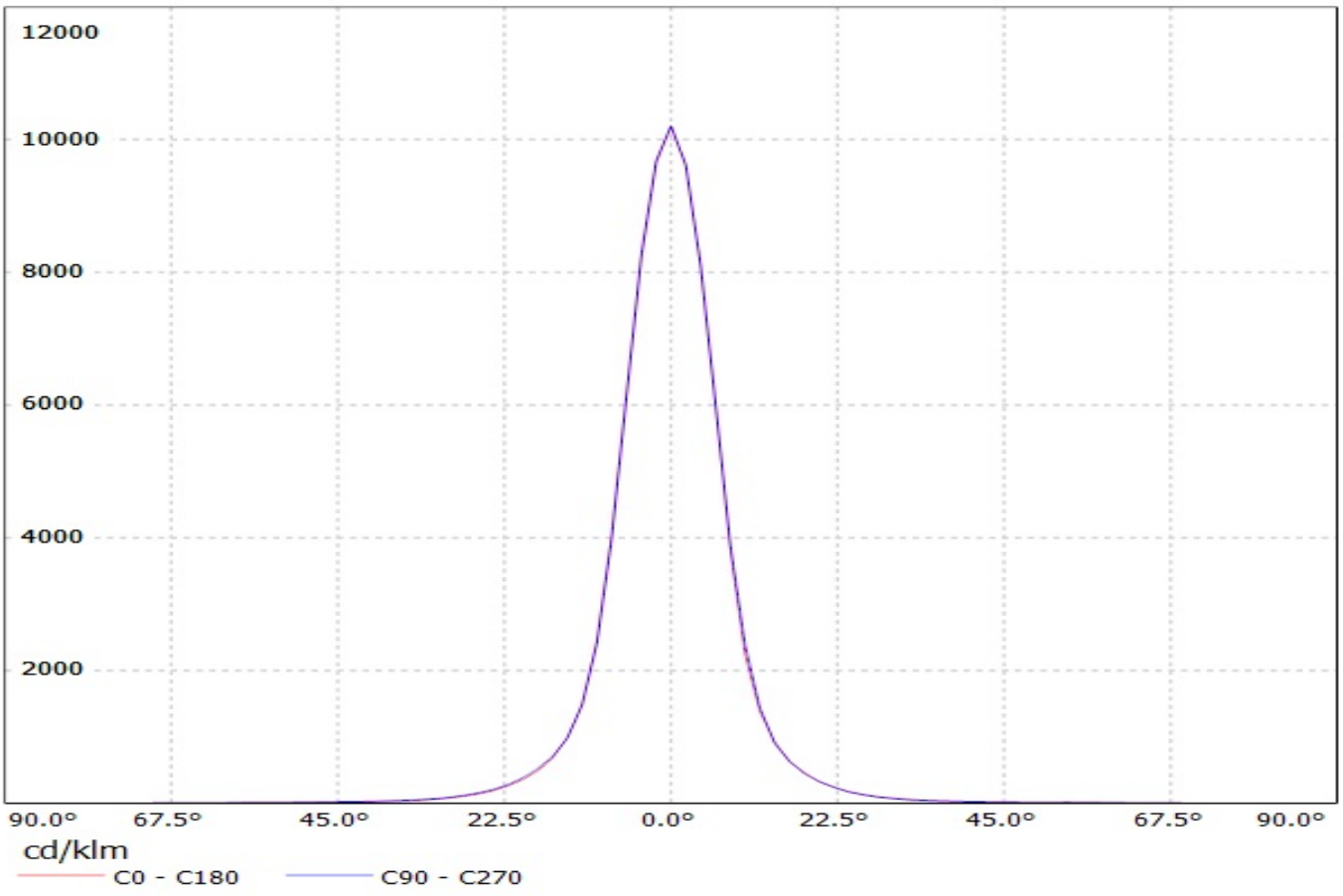
Luminaire: Ledil Oy CA12062_EMILY-D_(LH351B) Efficiency=88%
Lamps: 1 x Samsung LH351B 106lm @ 250mA CCT= P=0.72W I=250mA



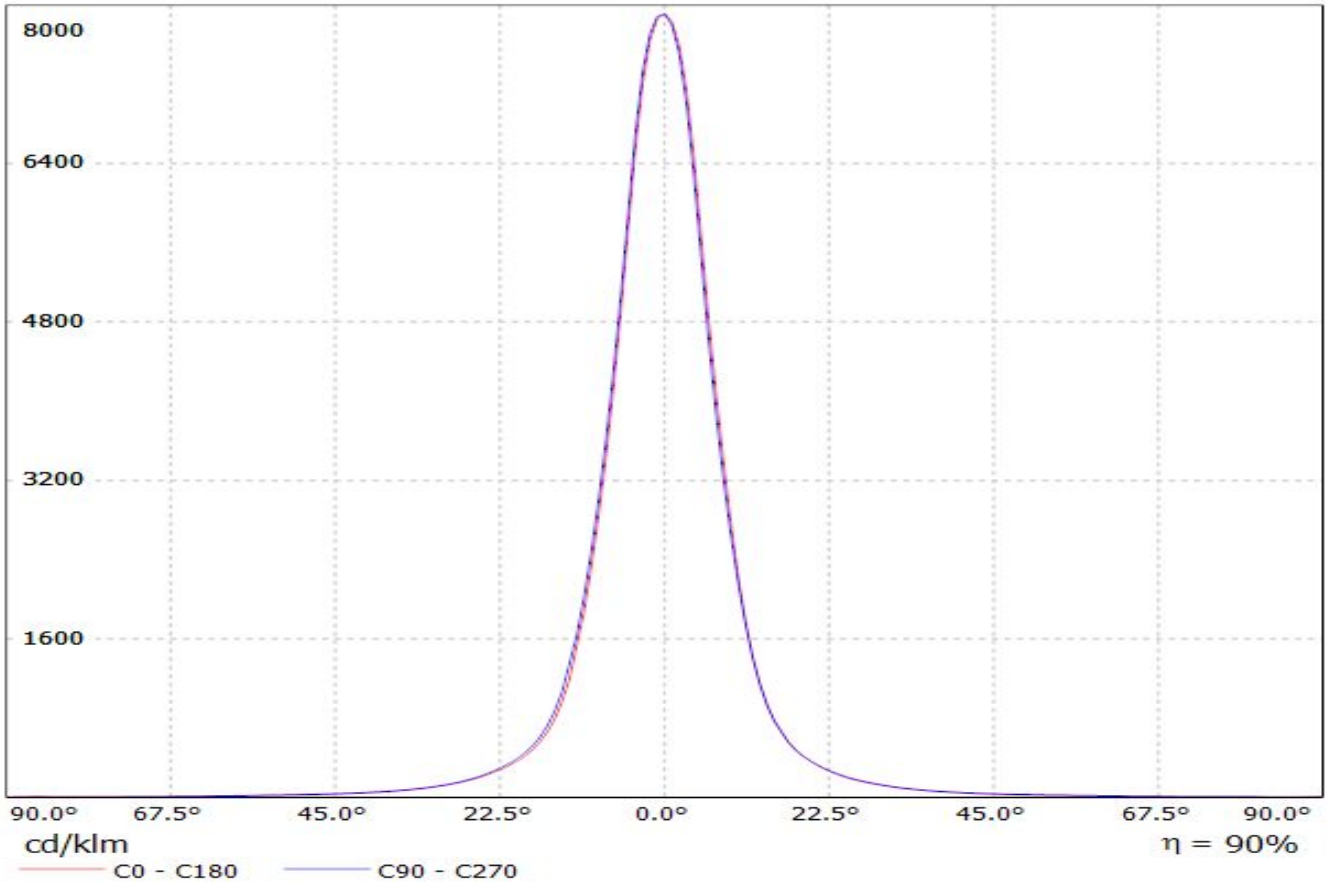
Luminaire: LEDiL Oy CA12062_EMILY-D_(XP-L) Eff.90.4%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



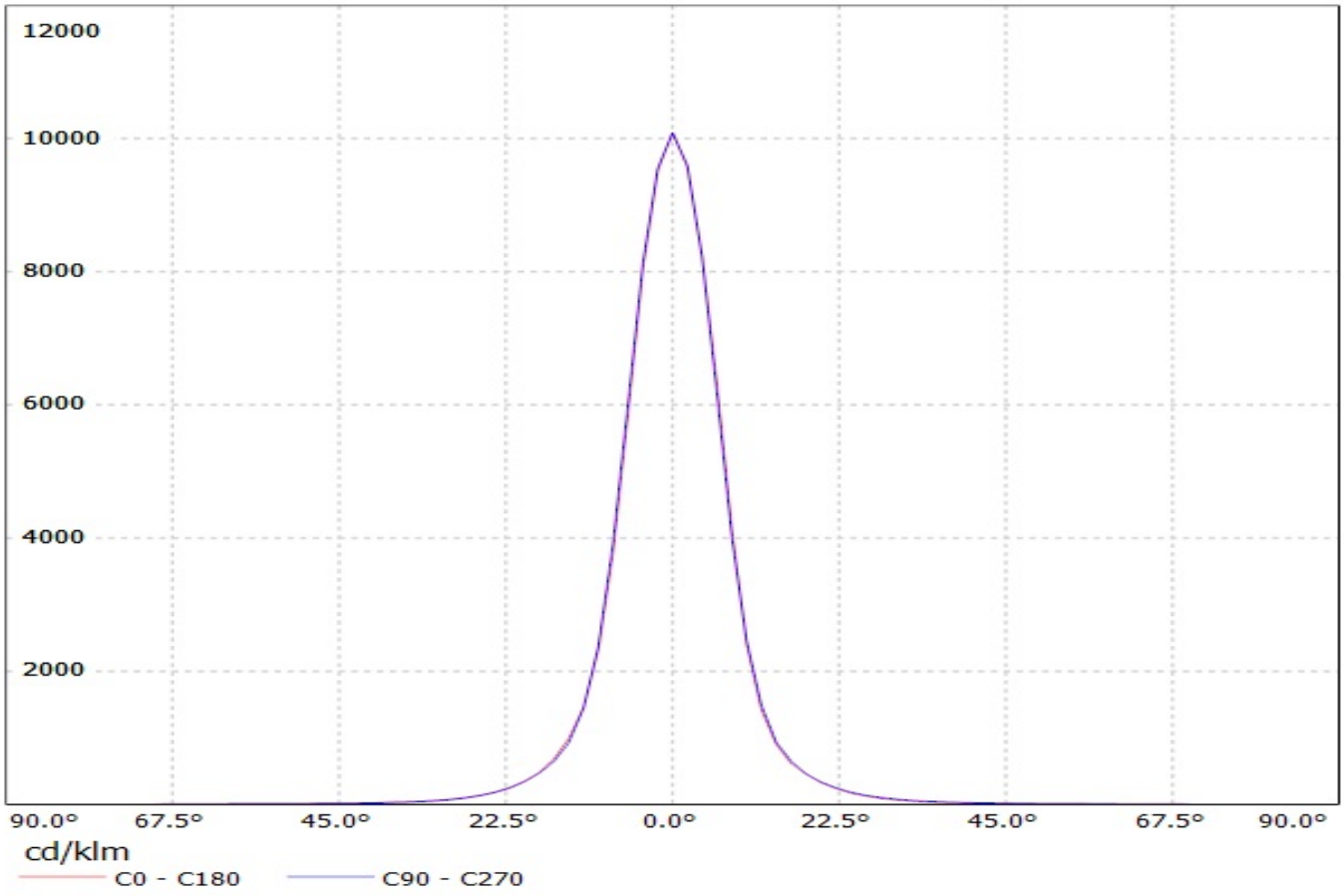
Luminaire: Ledil Oy CA12062_EMILY-D (Cree XM-L2 105lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XM-L2 105lm @ 250mA



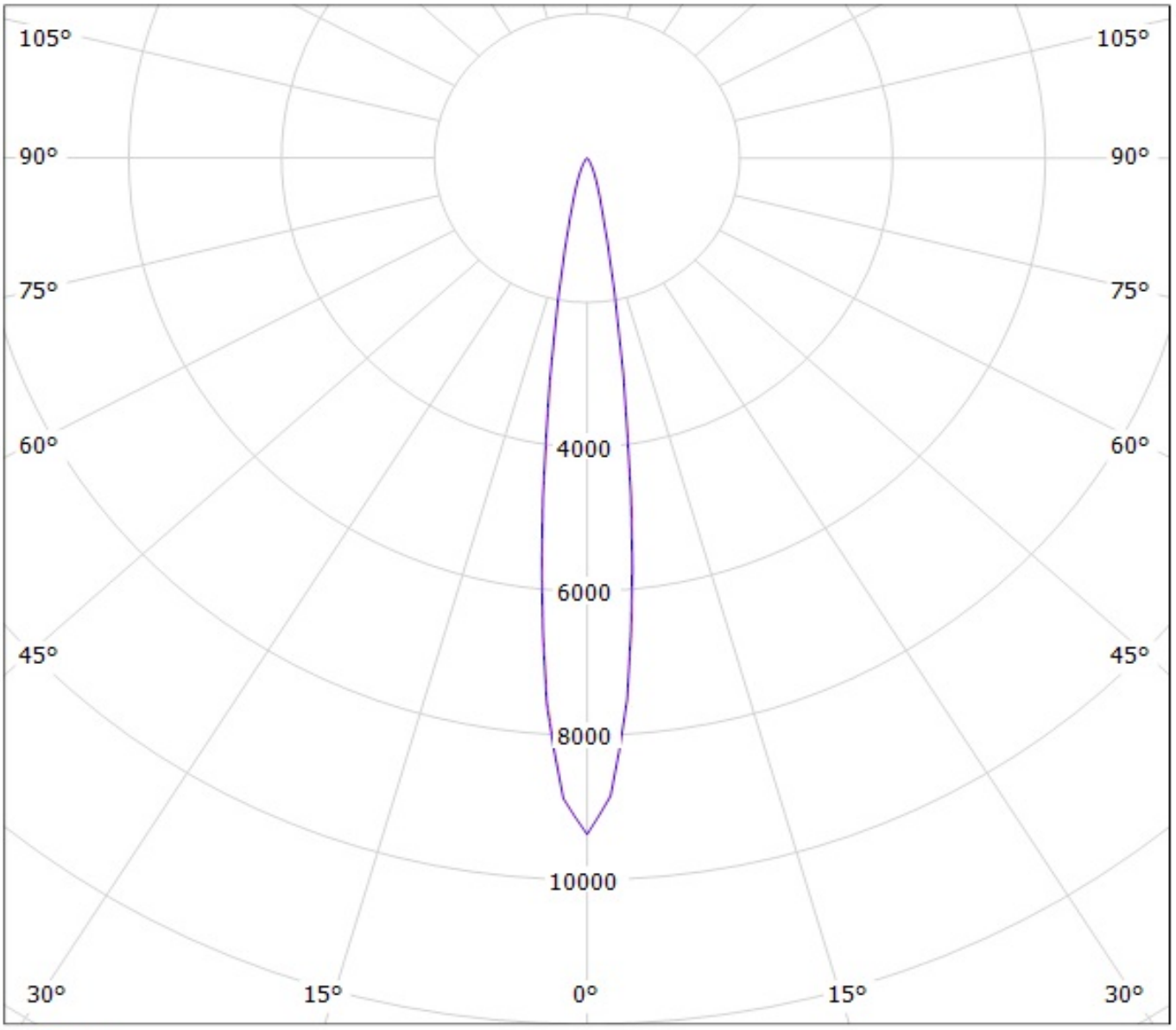
Luminaire: LEDiL Oy CA12062_EMILY-D_(NS9x383) Eff. 90,1%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: Ledil Oy CA12062_EMILY-D (Cree XM-L 92lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XM-L 92lm @ 250mA



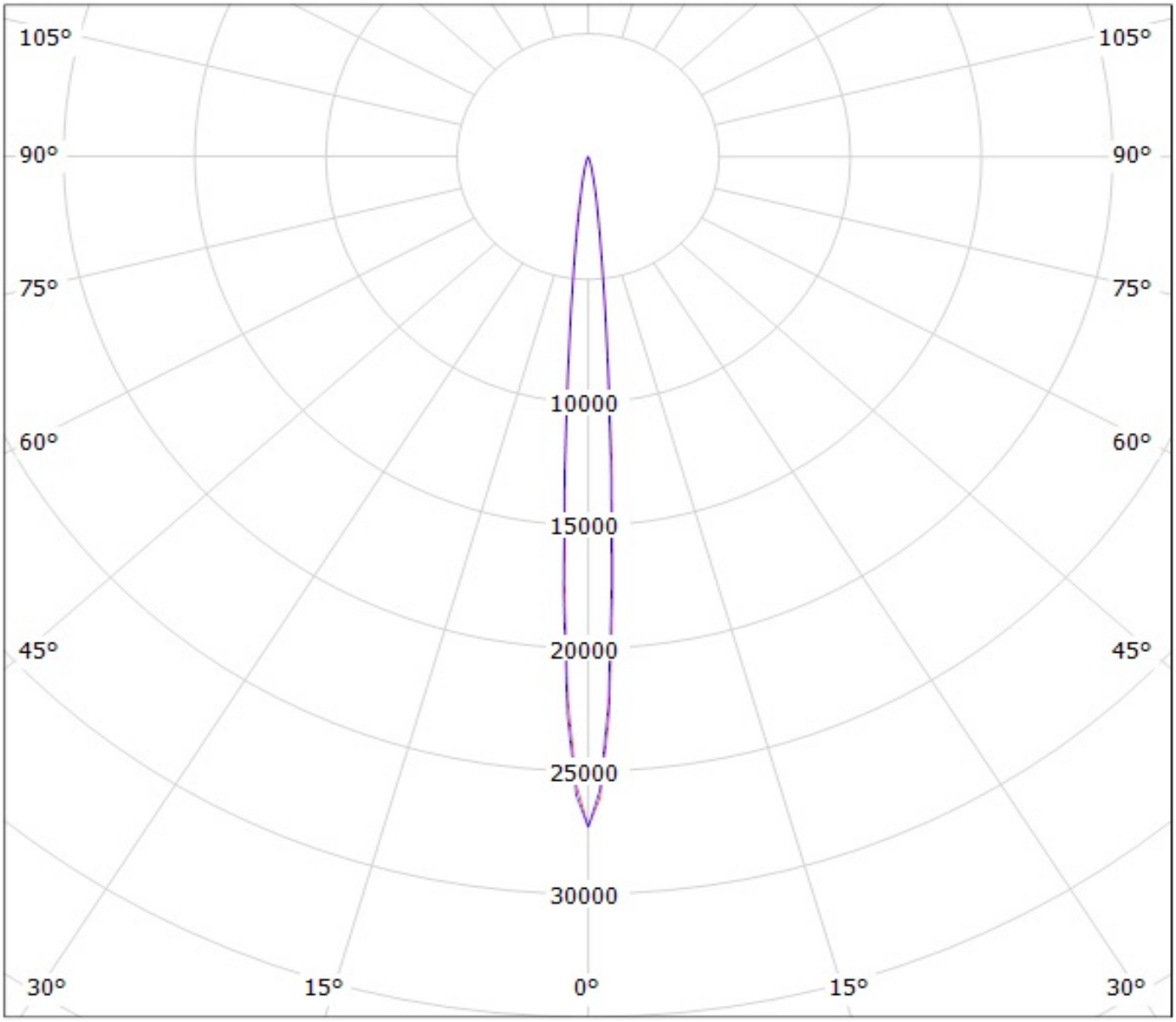
Luminaire: Ledil Oy CA12062_EMILY-D (Cree XM-L HVW 285lm 50mA) Efficiency=88%
Lamps: 1 x Cree XM-L HVW 285lm 50mA



cd/klm

C0 - C180 C90 - C270

Luminaire: LEDil Oy CA12062_EMILY-D_(XP-E2)
Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 78.62lm @ 250mA P=0.8W I=250mA

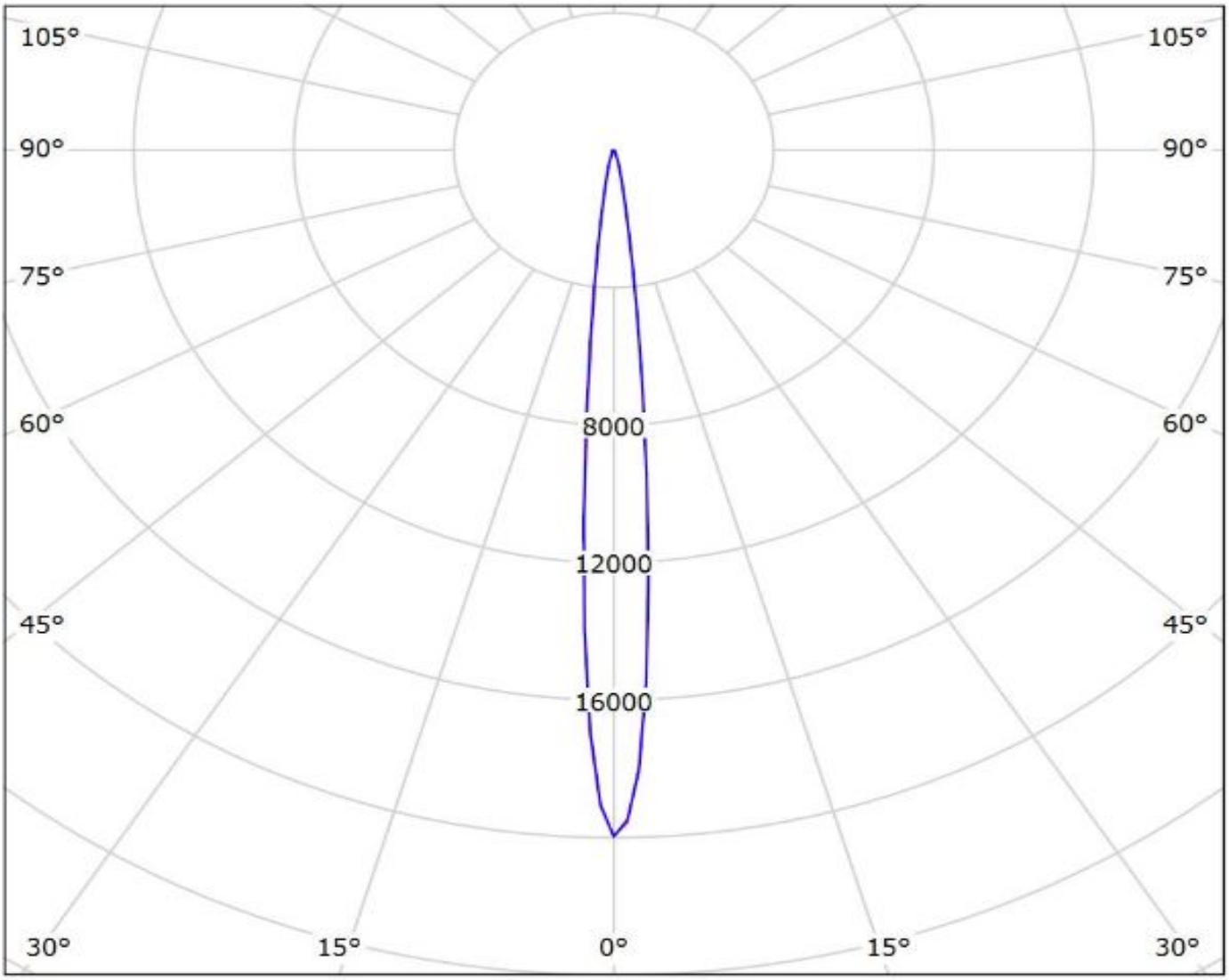


cd/klm

η = 87%

C0 - C180 C90 - C270

Luminaire: Ledil CA12062_EMILY-D_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A

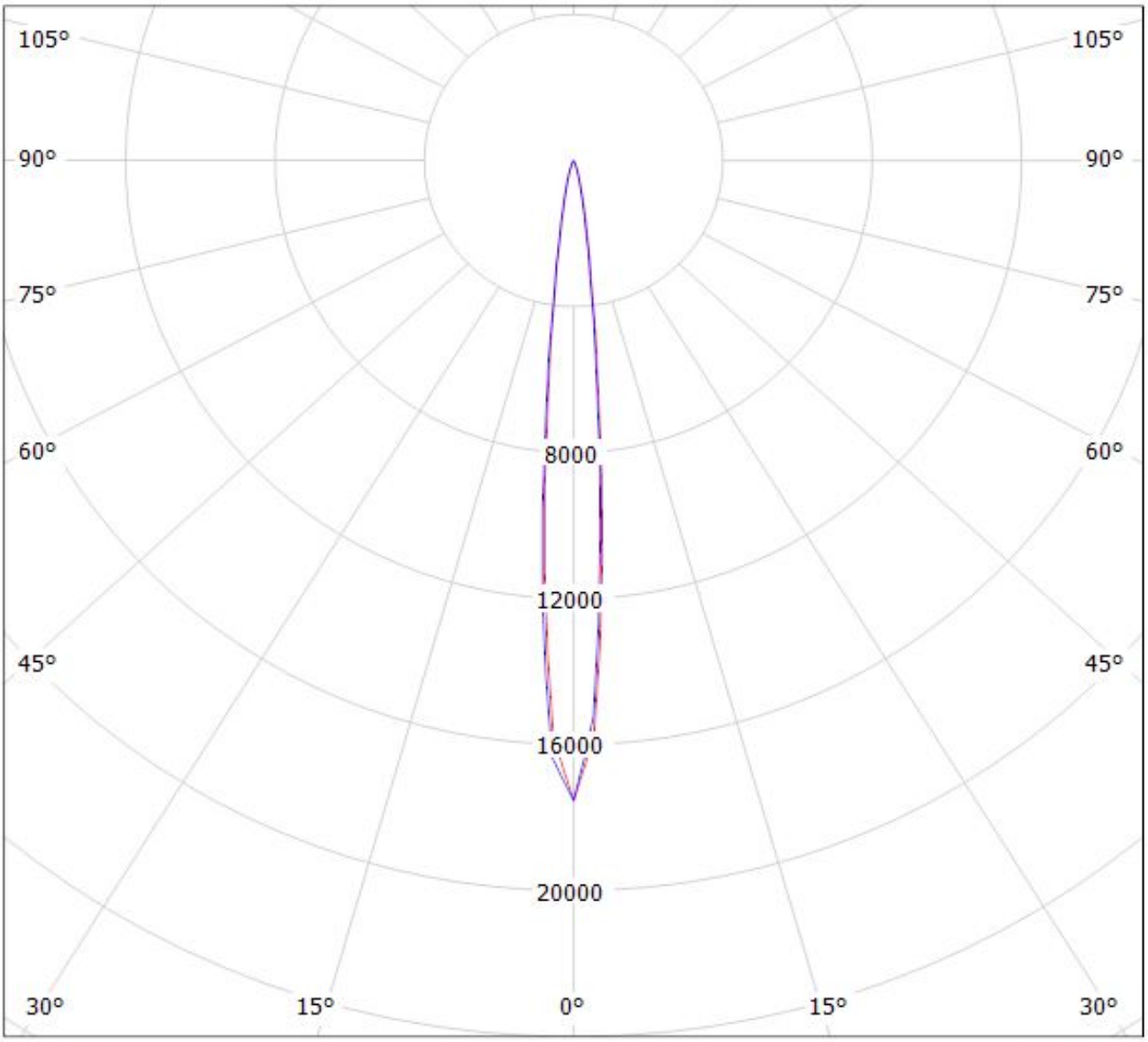


cd/klm

η = 87%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA12062_EMILY-D_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA

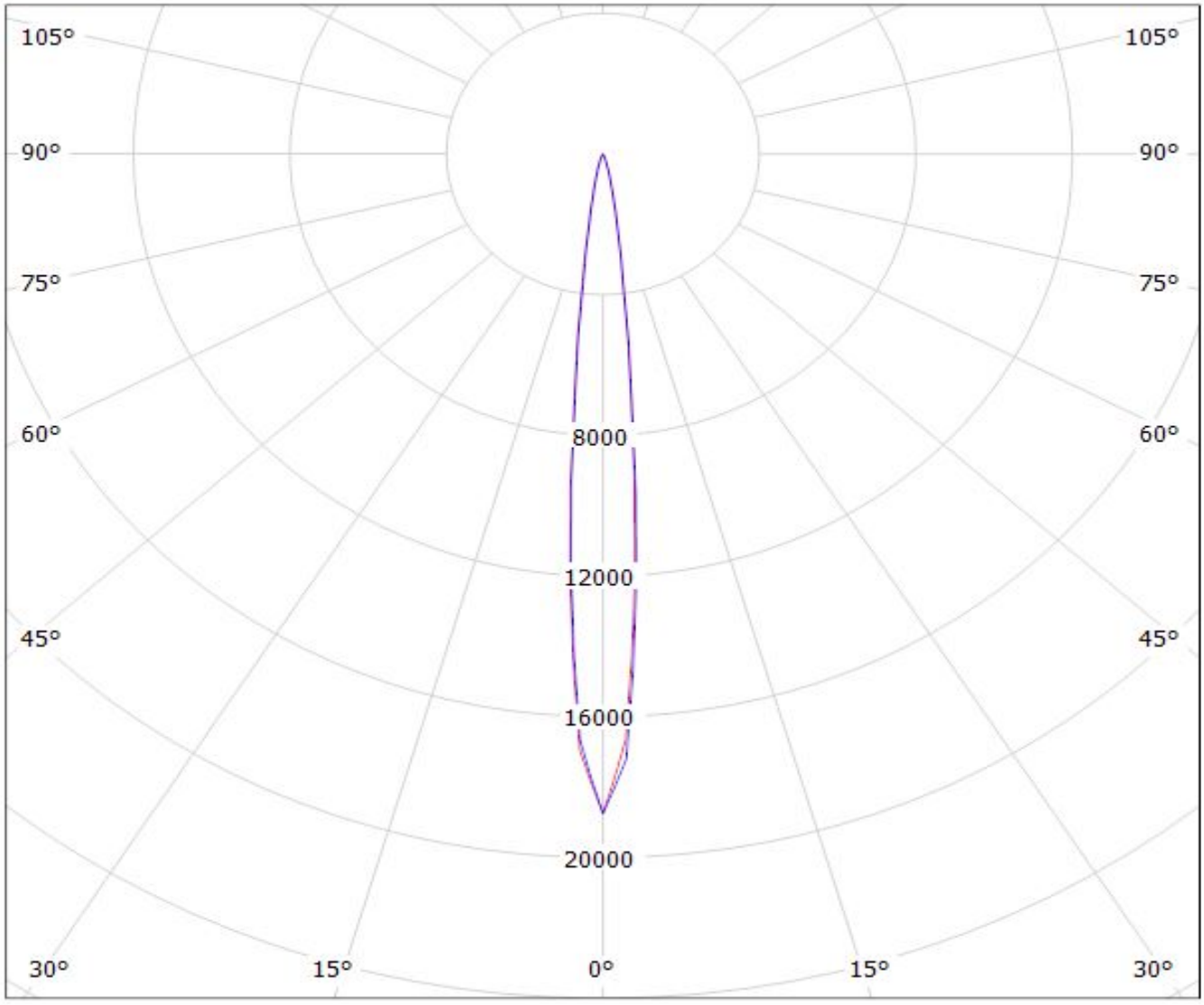


cd/klm

η = 90%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA12062_EMILY-D_(XP-G2) Efficiency=90%
Lamps: 1 x Cree XP-G2 103lm @ 250mA CCT= P=0.80W I=250mA

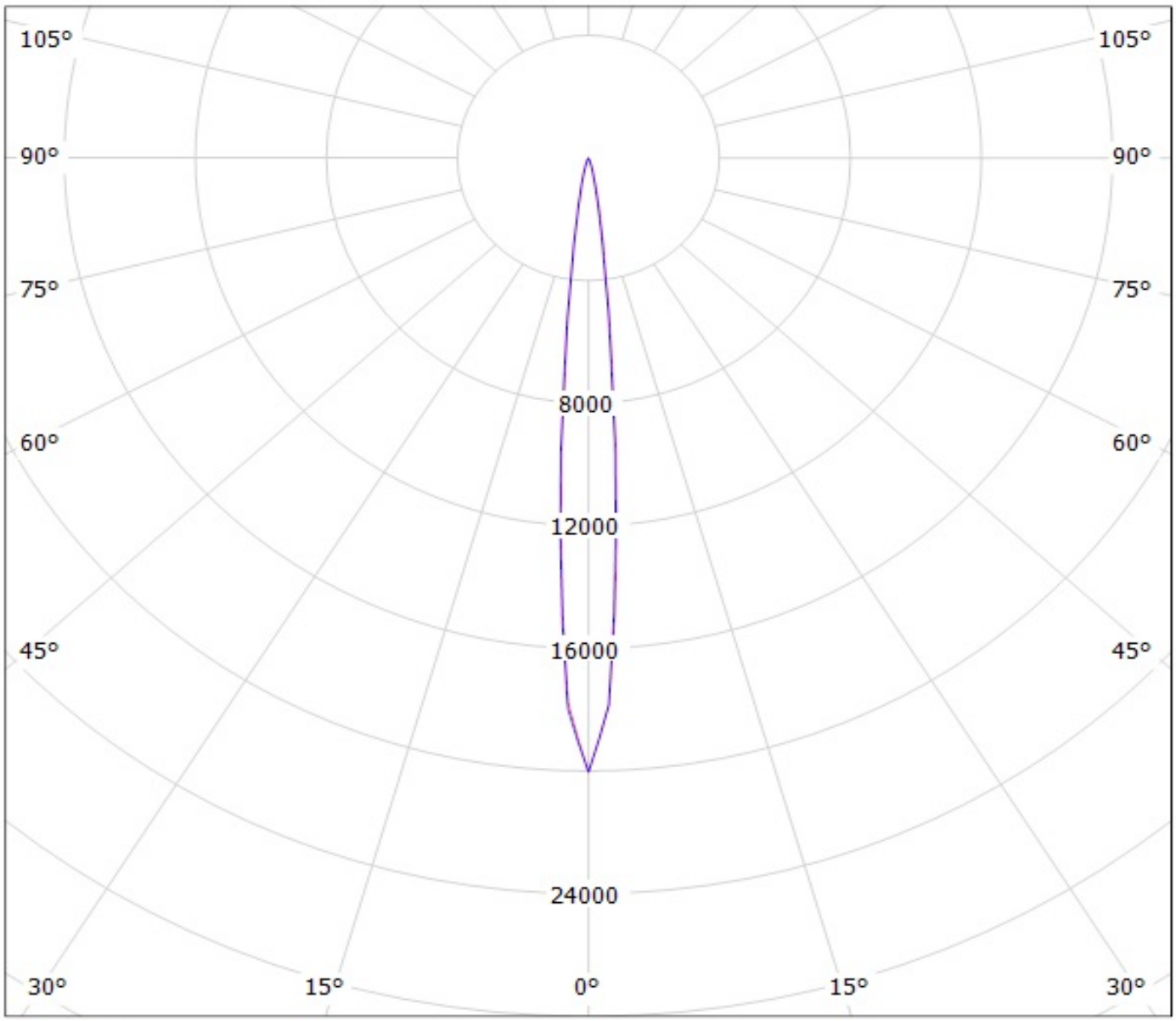


cd/klm

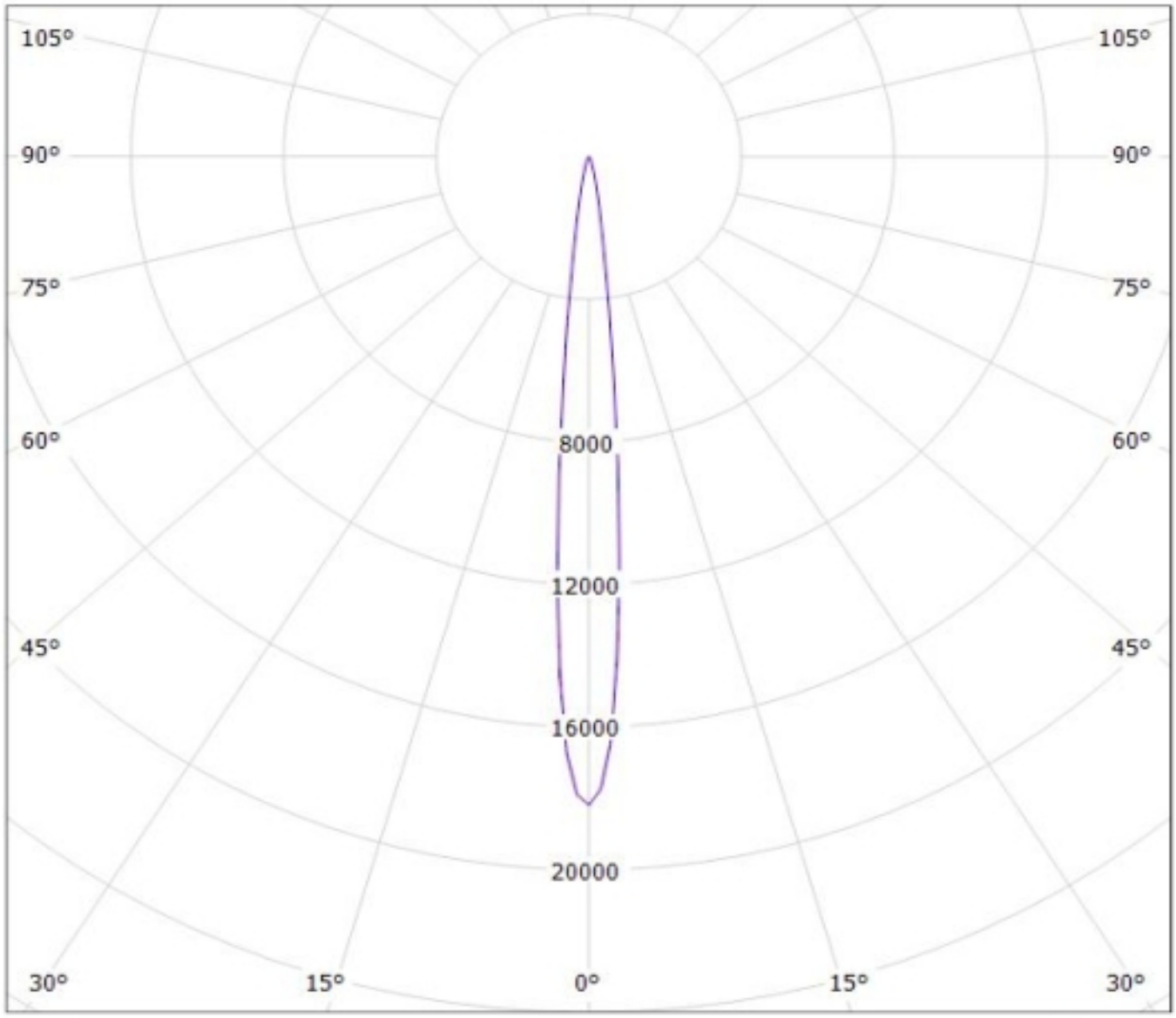
η = 91%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA12062_EMILY-D_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



Luminaire: LEDiL Oy CA12062_EMILY-D_(SEOUL_Z5M1)
Lamps: 1 x CA12062_EMILY-D_(SZ5M1-W0-C8/W1-A5-G)_107.813lm@250mA_P=0.740229W_I=249.9mA

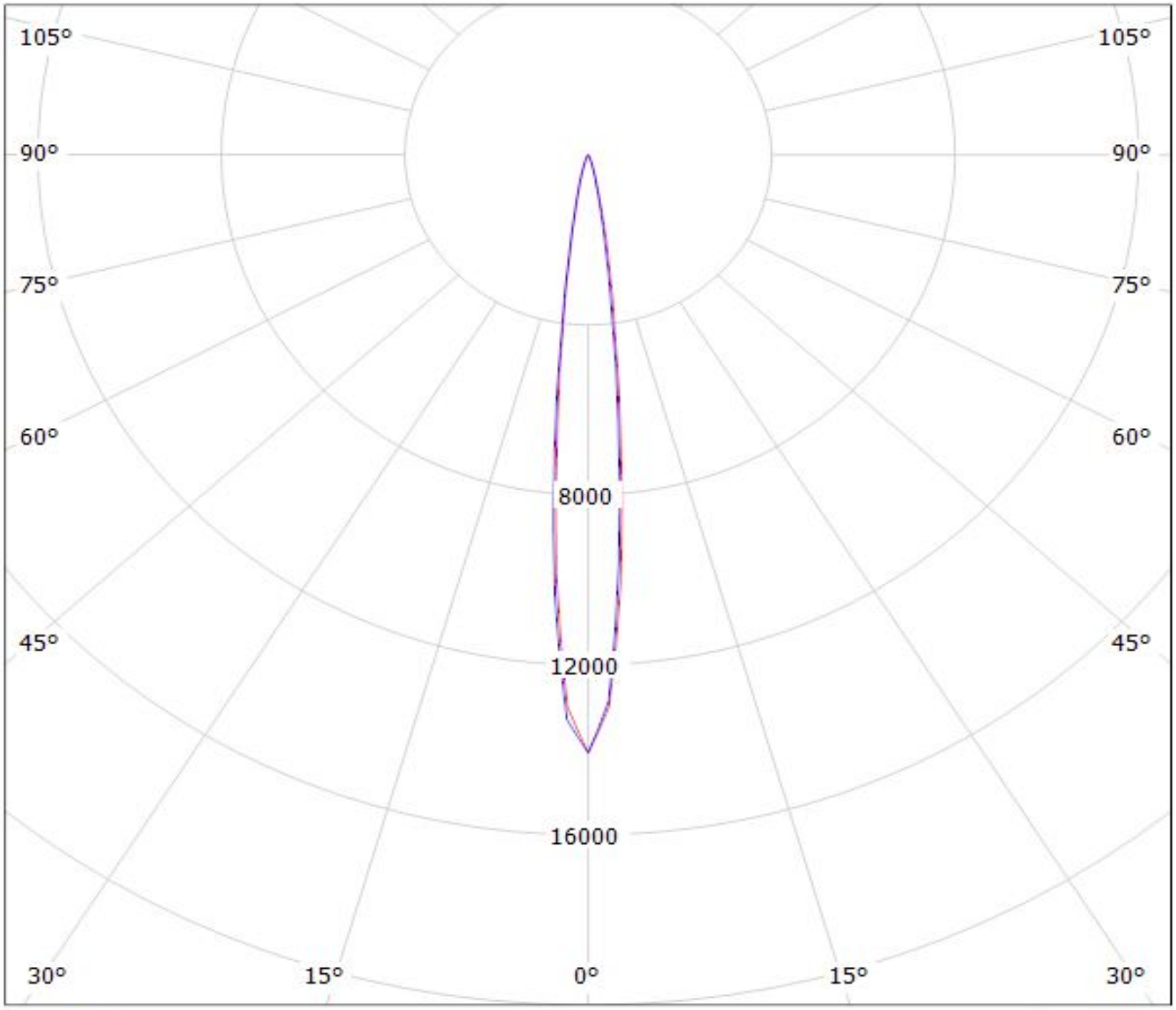


cd/klm

η = 93%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA12062_EMILY-D_(LH351B) Efficiency=88%
Lamps: 1 x Samsung LH351B 106lm @ 250mA CCT= P=0.72W I=250mA

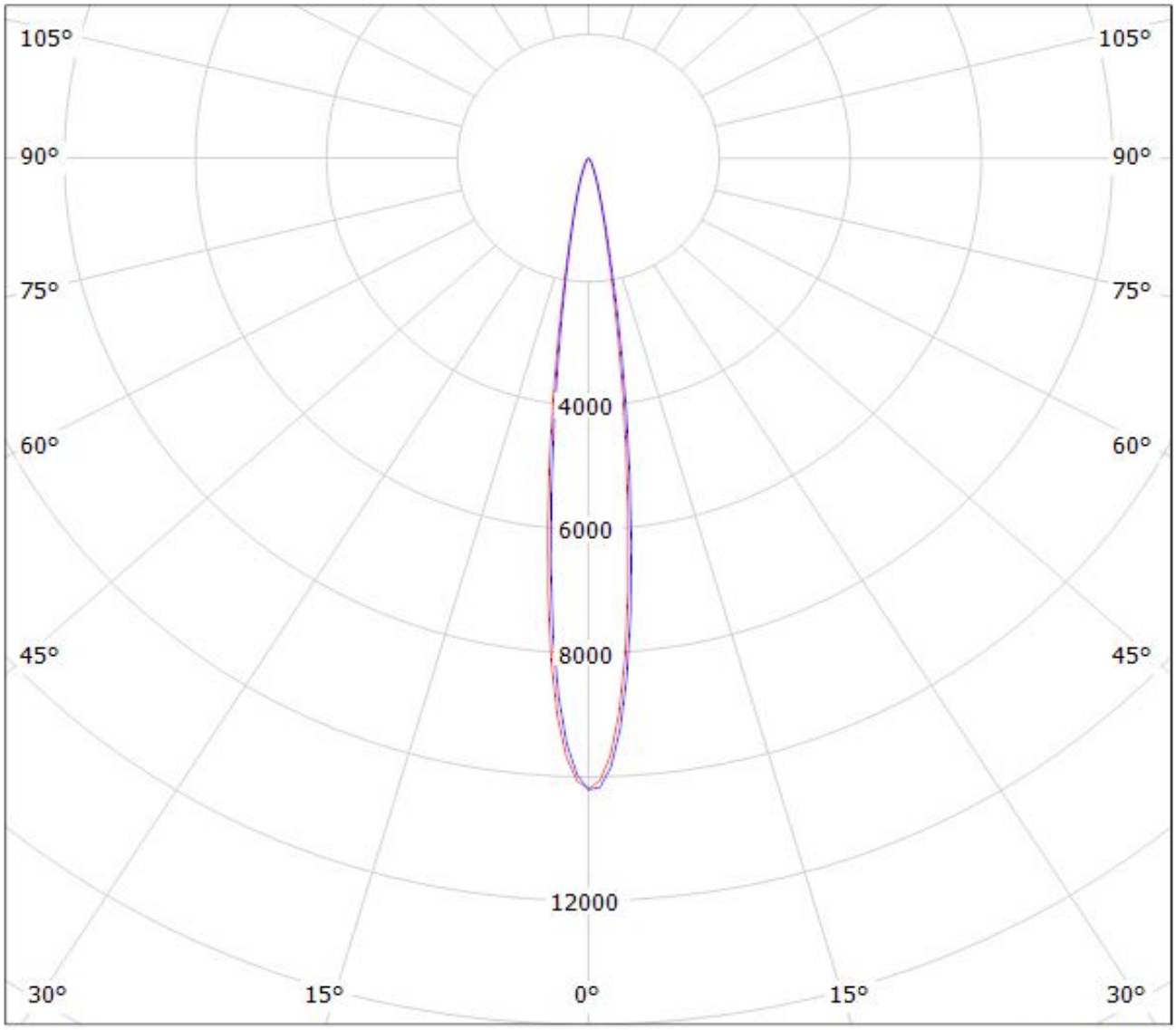


cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CA12062_EMILY-D_(XP-L) Eff.90.4%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA

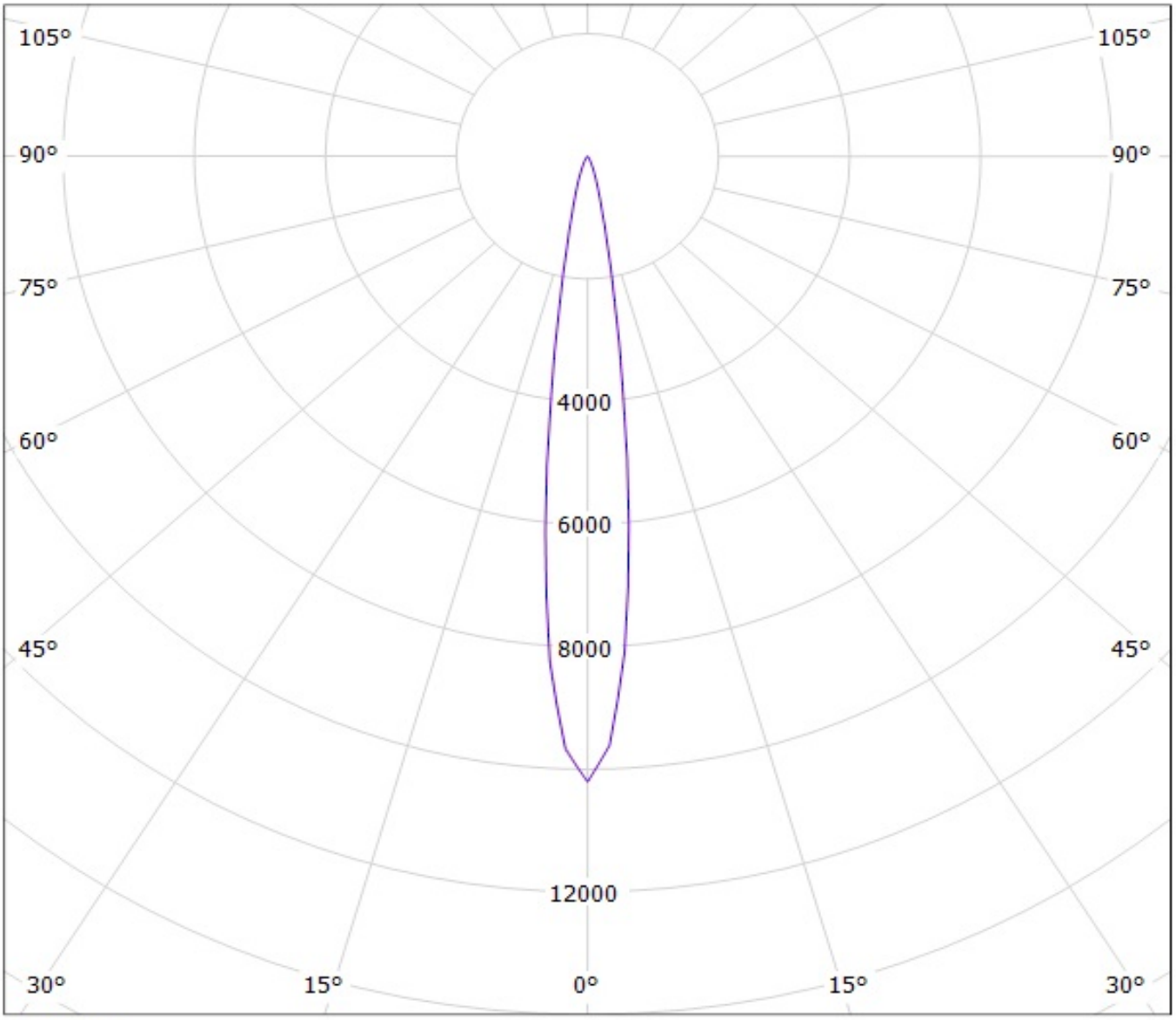


cd/klm

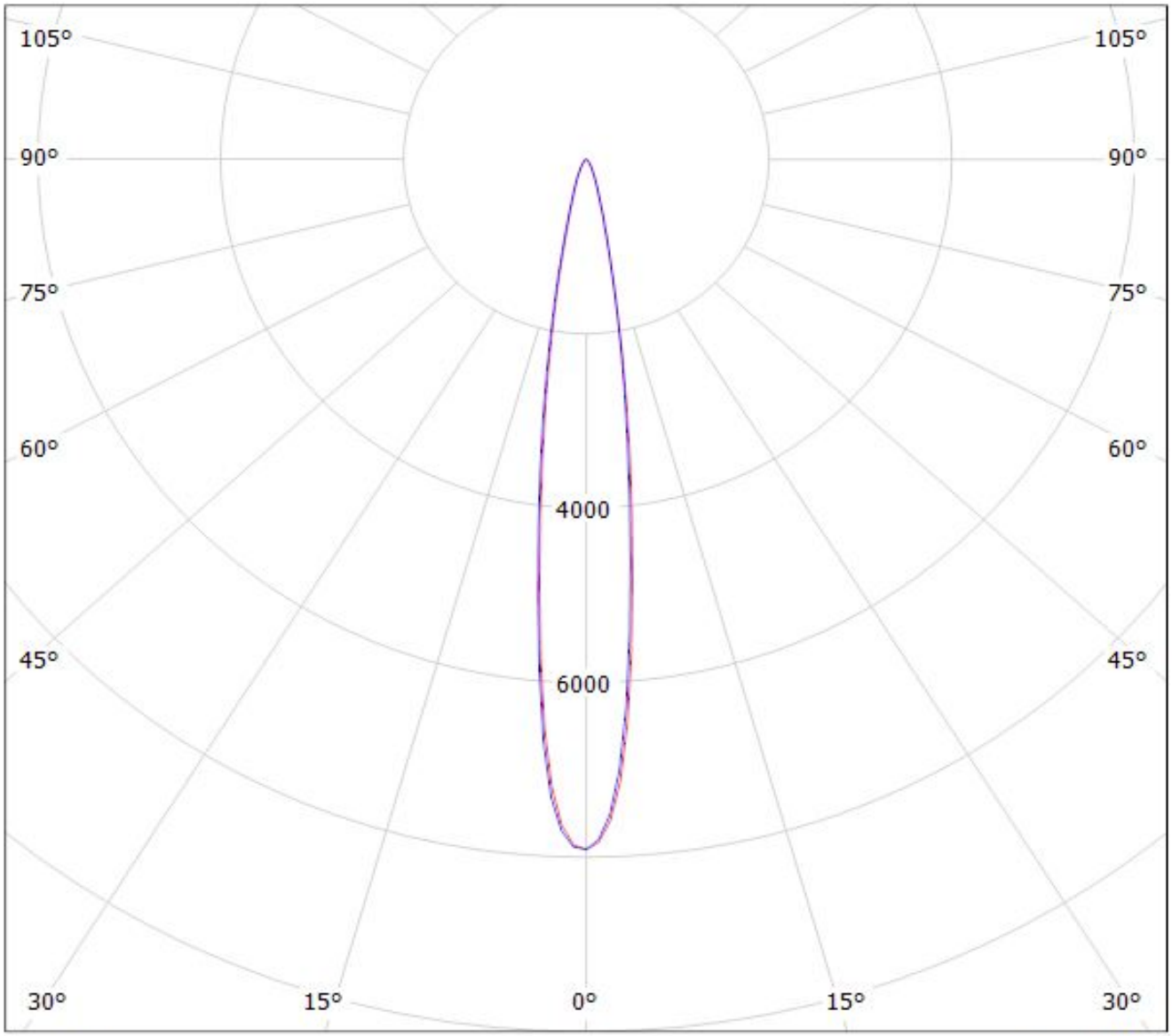
η = 90%

C0 - C180 C90 - C270

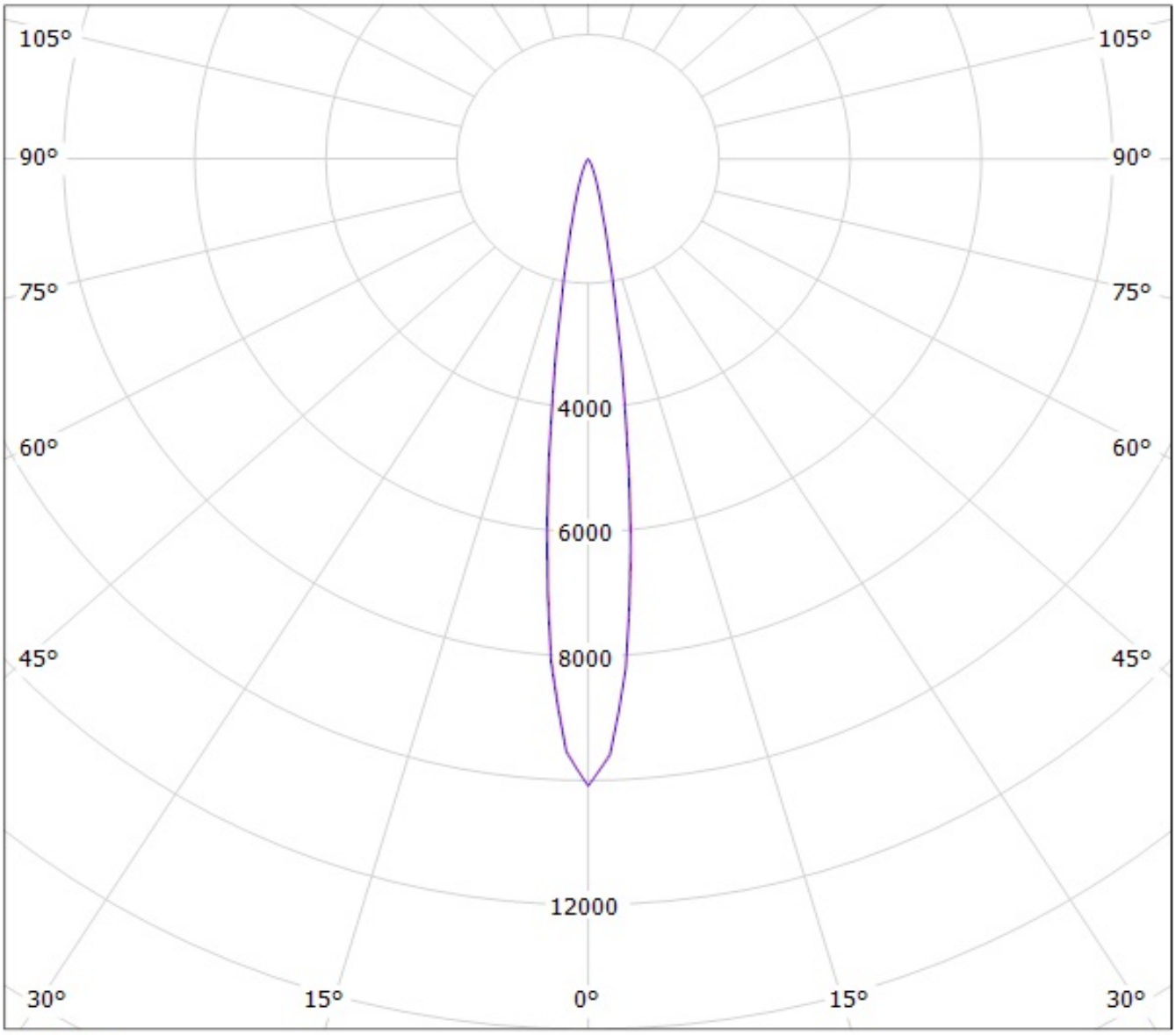
Luminaire: Ledil Oy CA12062_EMILY-D (Cree XM-L2 105lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XM-L2 105lm @ 250mA



Luminaire: LEDiL Oy CA12062_EMILY-D_(NS9x383) Eff. 90,1%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: Ledil Oy CA12062_EMILY-D (Cree XM-L 92lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XM-L 92lm @ 250mA



cd/klm

C0 - C180 C90 - C270

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.