PRODUCT DATASHEET
Emily series
last update 20/7/2016

DETAILS

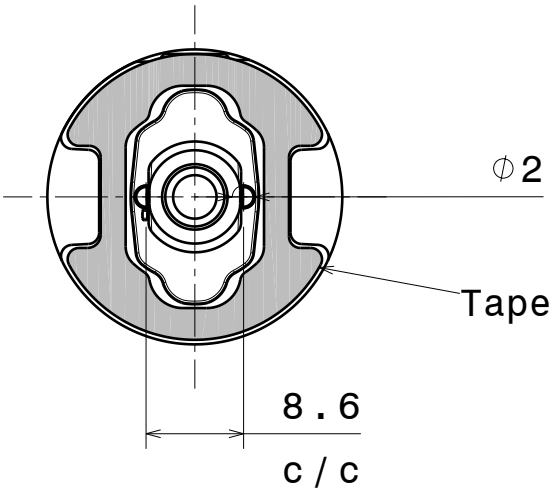
Product Number	CA13546_EMILY-RS
Family	Emily
Type	Assembly
Color	clear
Diameter	26 mm
Height	14,6 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape
Status	production ready
ROHS Comliant	Yes
Date Updated	20/07/2016

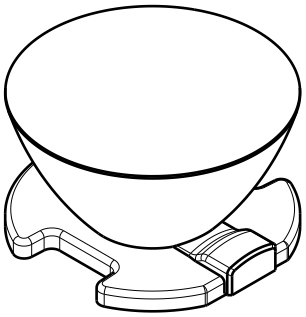
OPTICAL PROPERTIES

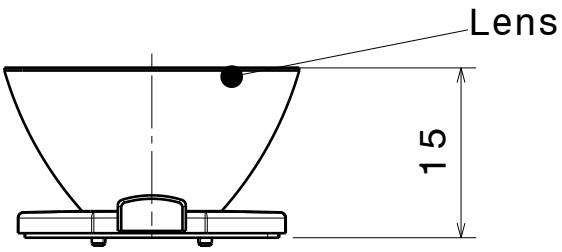
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-L	13 deg	Real spot	89 %	13.100	-
XB-H	9 deg	Real spot	88 %	24.700	-
XP-L HI	8 deg	Real spot	88 %	28.000	-
Oslon Square EC	8 deg	Real spot	90 %	29.100	-
Oslon Black Flat	sim: 6,3	Real spot	sim: 94 %	sim: 50.400	-
Oslon Black	sim: 11	Real spot	sim: 94 %	sim: 19.700	-
Z5M1/Z5M2	9 deg	Real spot	91 %	23.700	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

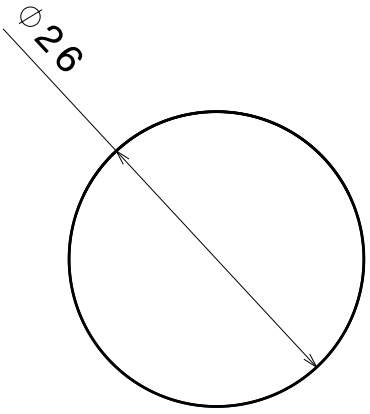
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001







Front view



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

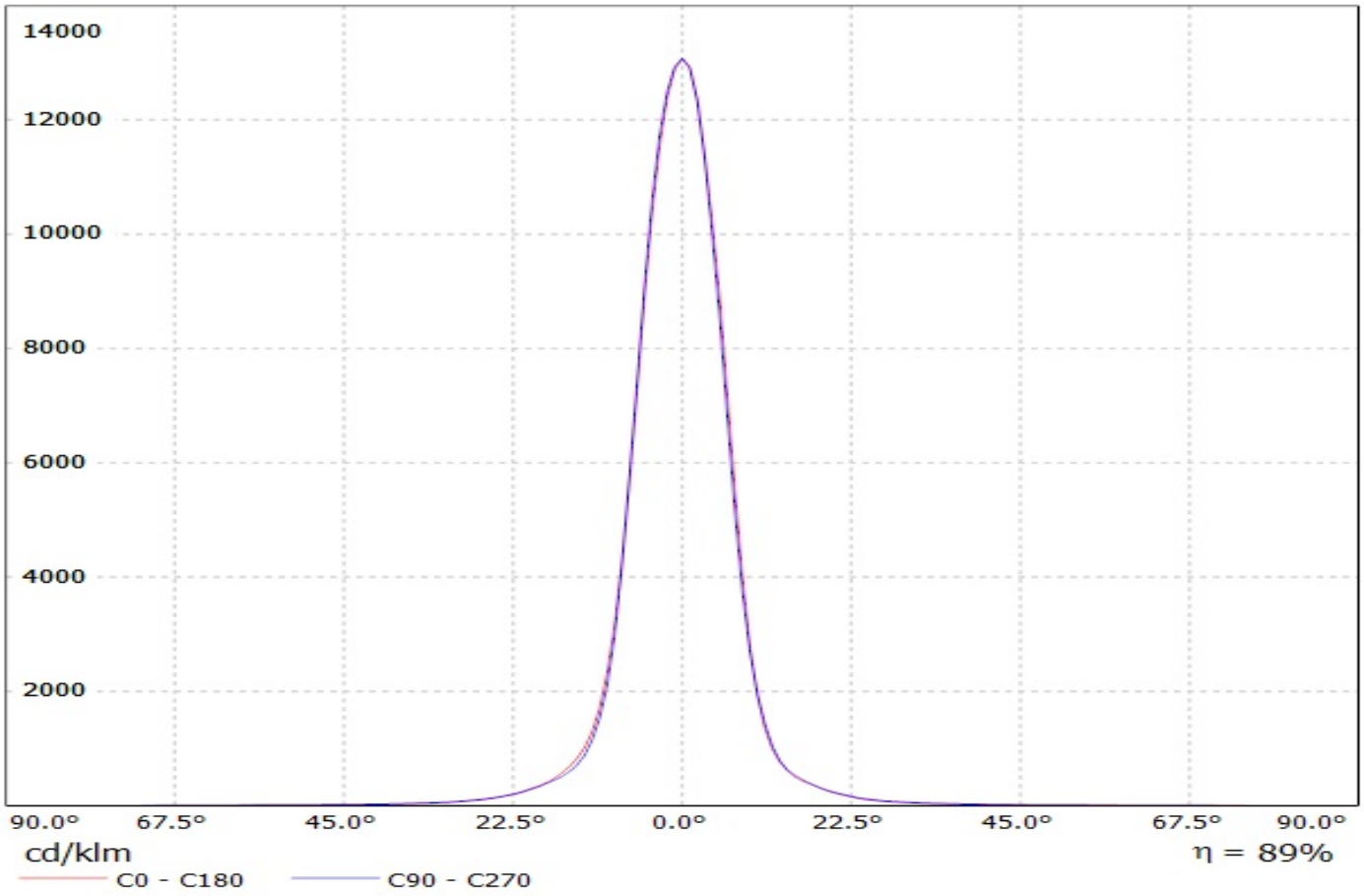
DRAWING TITLE

CA13546_EMILY-RS

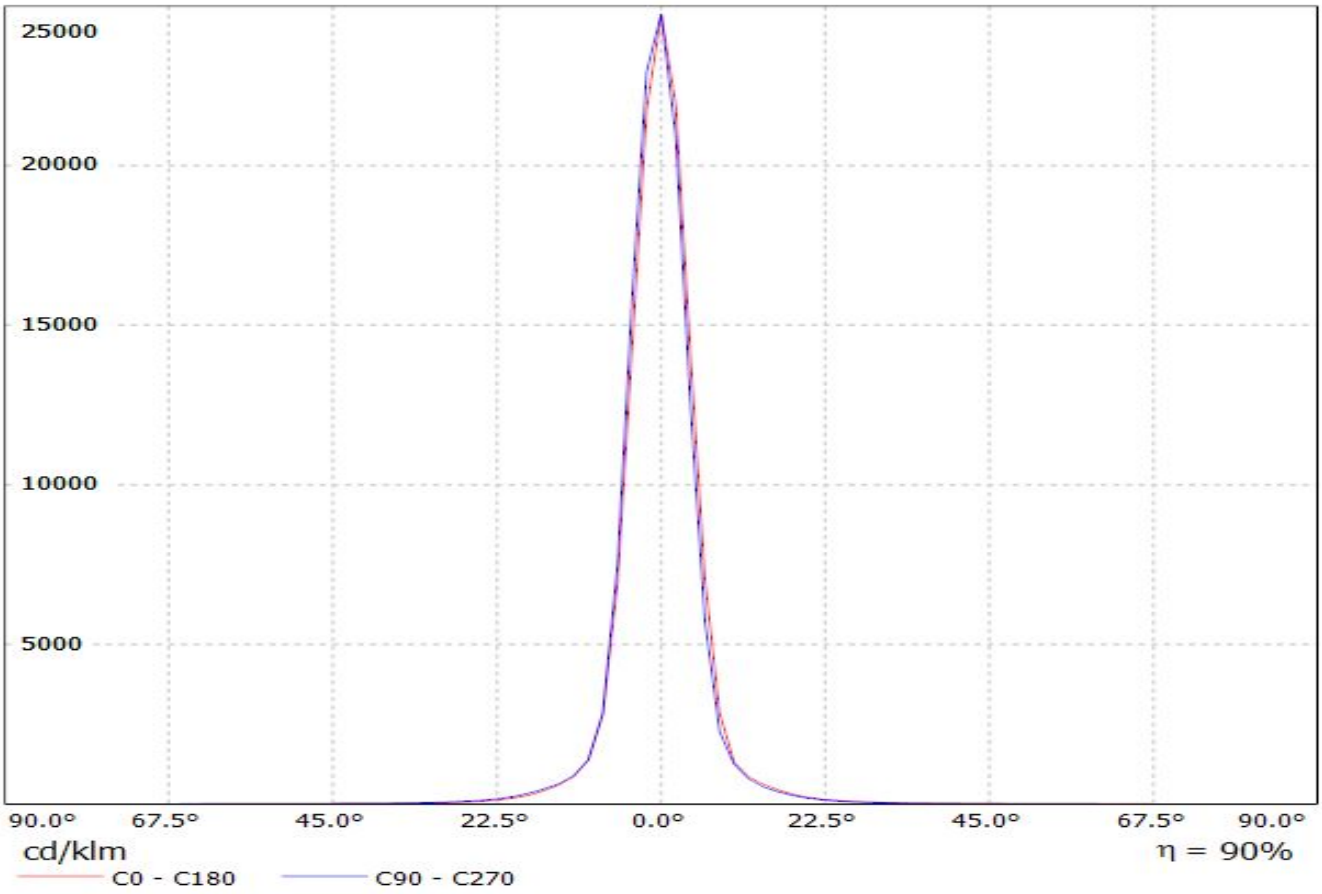
SIZE	PART NUMBER
A4	-

SCALE	WEIGHT		SHEET
3:2	-		1/1

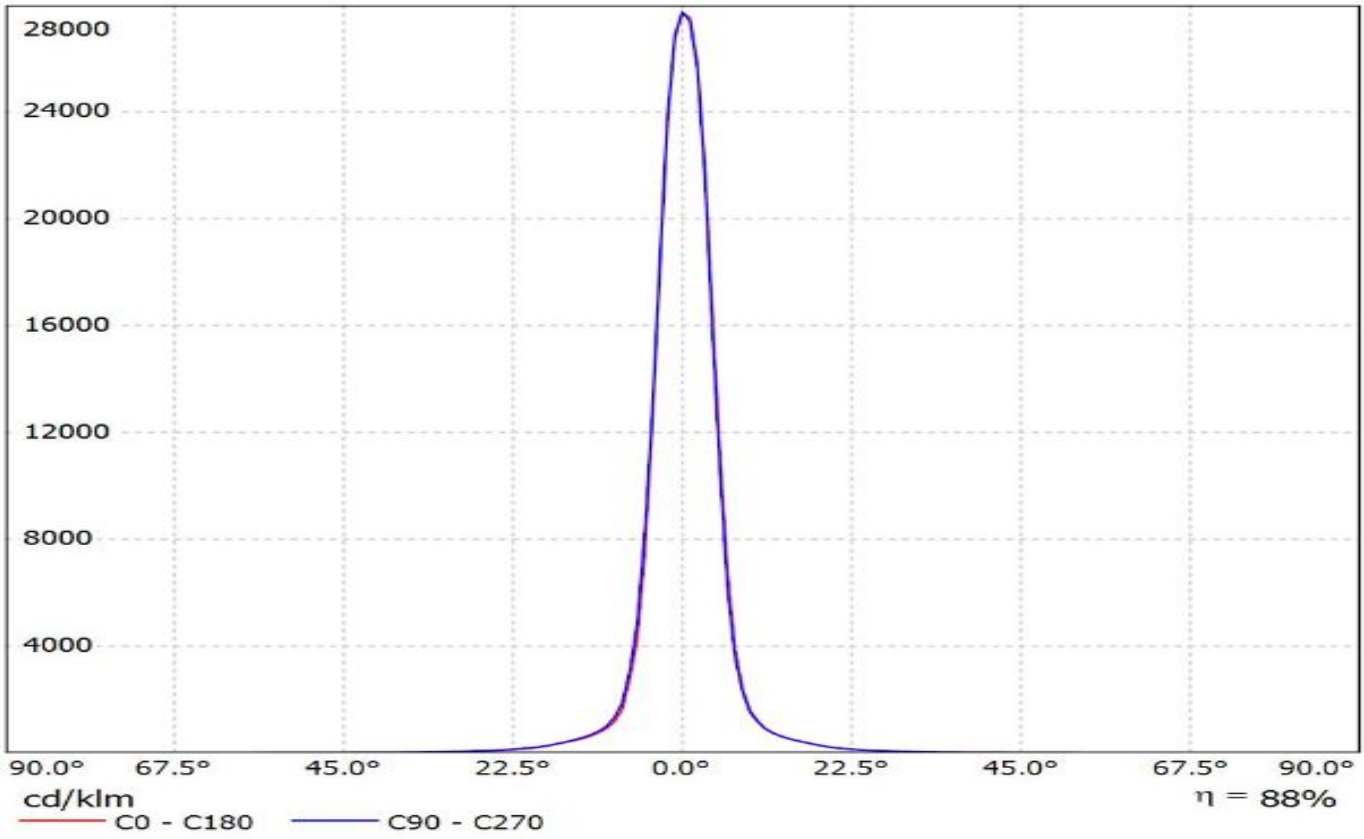
Luminaire: LEDil Oy CA13546_EMILY-RS_(XP-L)
Lamps: 1 x Cree XP-L (124.35lm @ 250mA) P=0.7W I=250mA



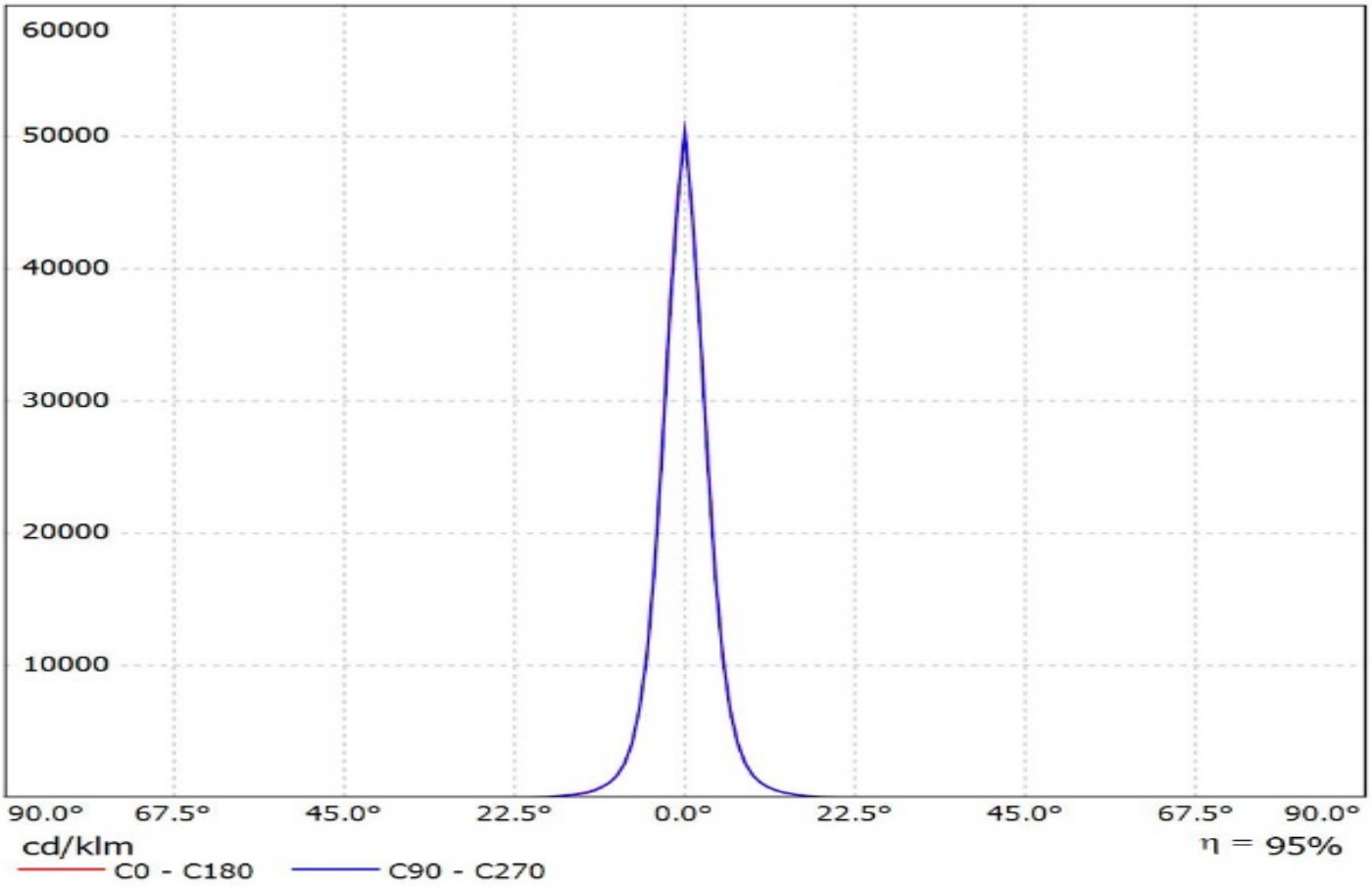
Luminaire: Ledil Oy CA13546_EMILY-RS_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



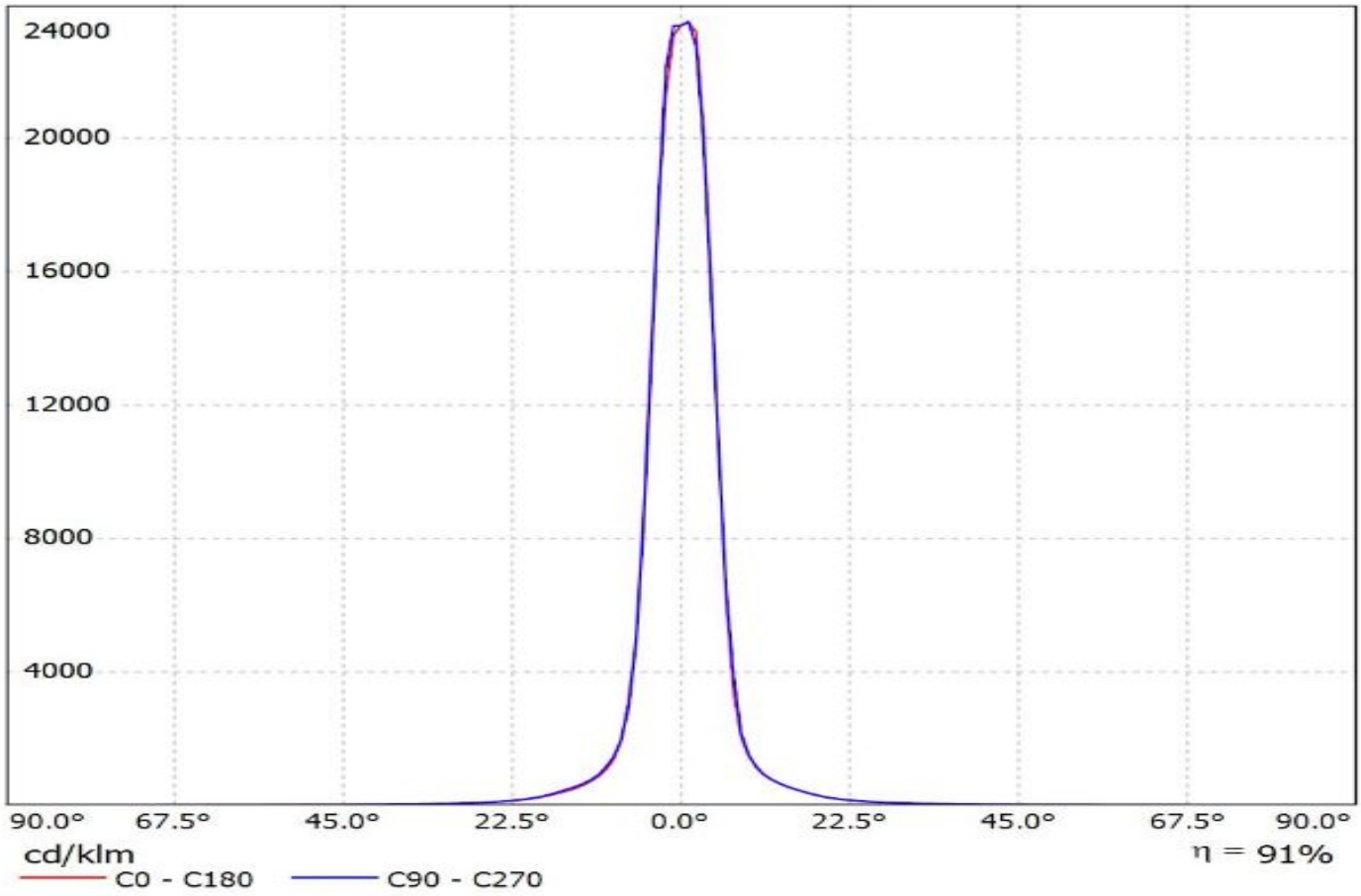
Luminaire: Ledil CA13546_EMILY-RS_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



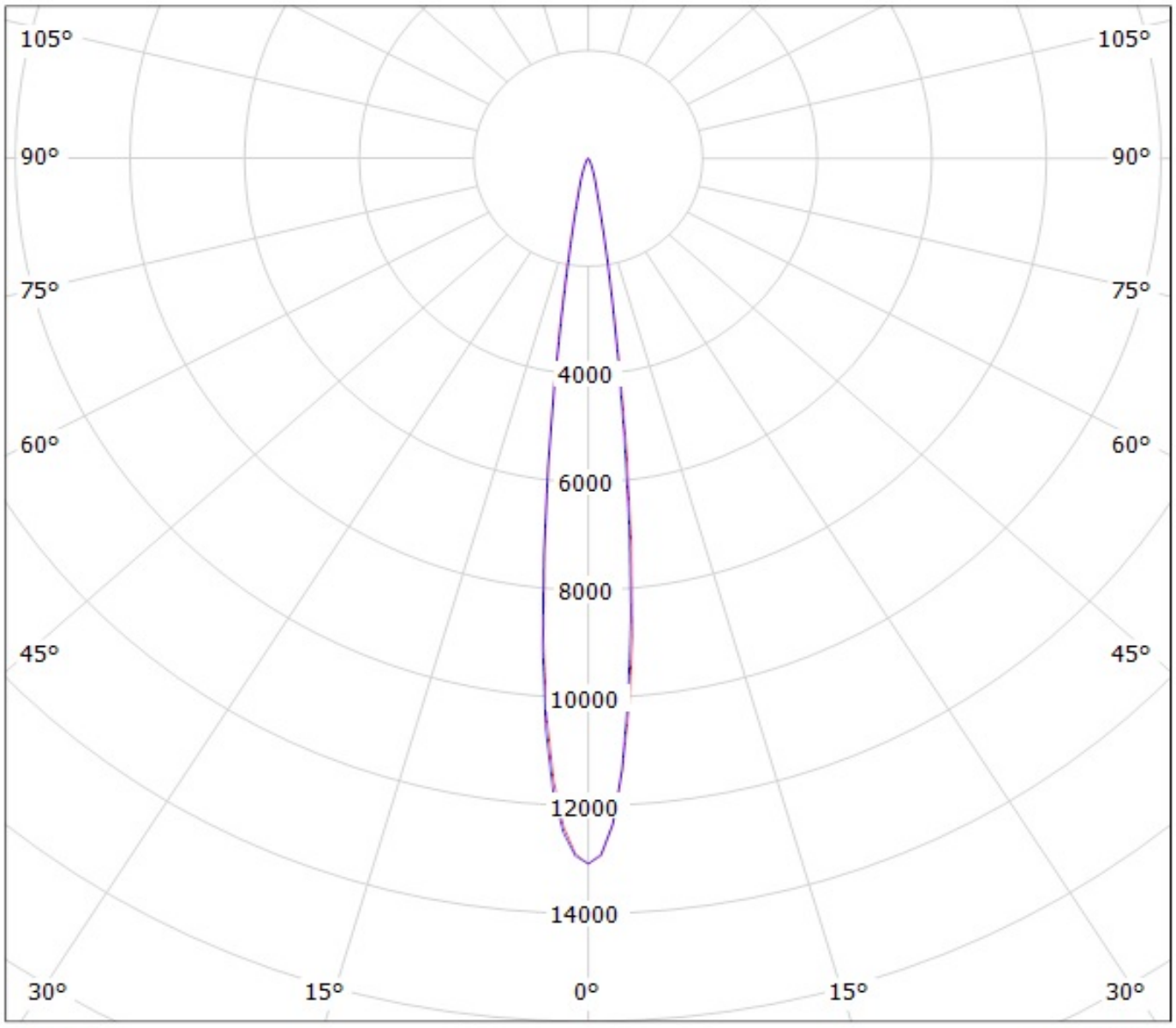
Luminaire: Ledil Oy CA13546_EMILY-RS_(Oslon_Black_Flat)_SIMULATED
Lamps: 1 x Osram Oslon Black Flat (LUV HWQP)



Luminaire: Ledil CA13546_EMILY-RS_(Z5M1)
Lamps: 1 x Seoul_Z5M1_(SZ5-M1-W0-C8)_114.34lm@250mA_P=0.7489W_I=0.250A



Luminaire: LEDil Oy CA13546_EMILY-RS_(XP-L)
Lamps: 1 x Cree XP-L (124.35lm @ 250mA) P=0.7W I=250mA

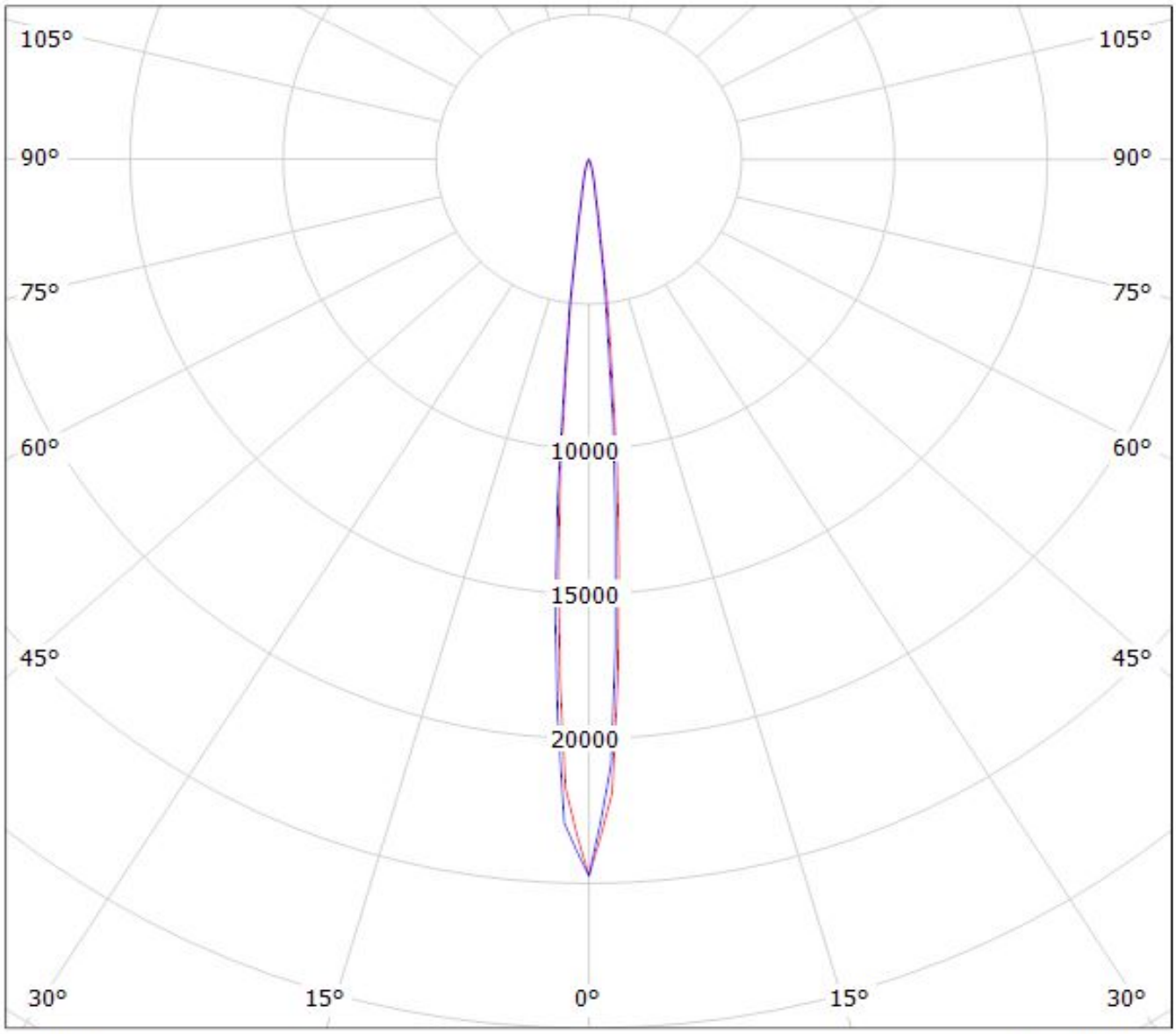


cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA13546_EMILY-RS_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA

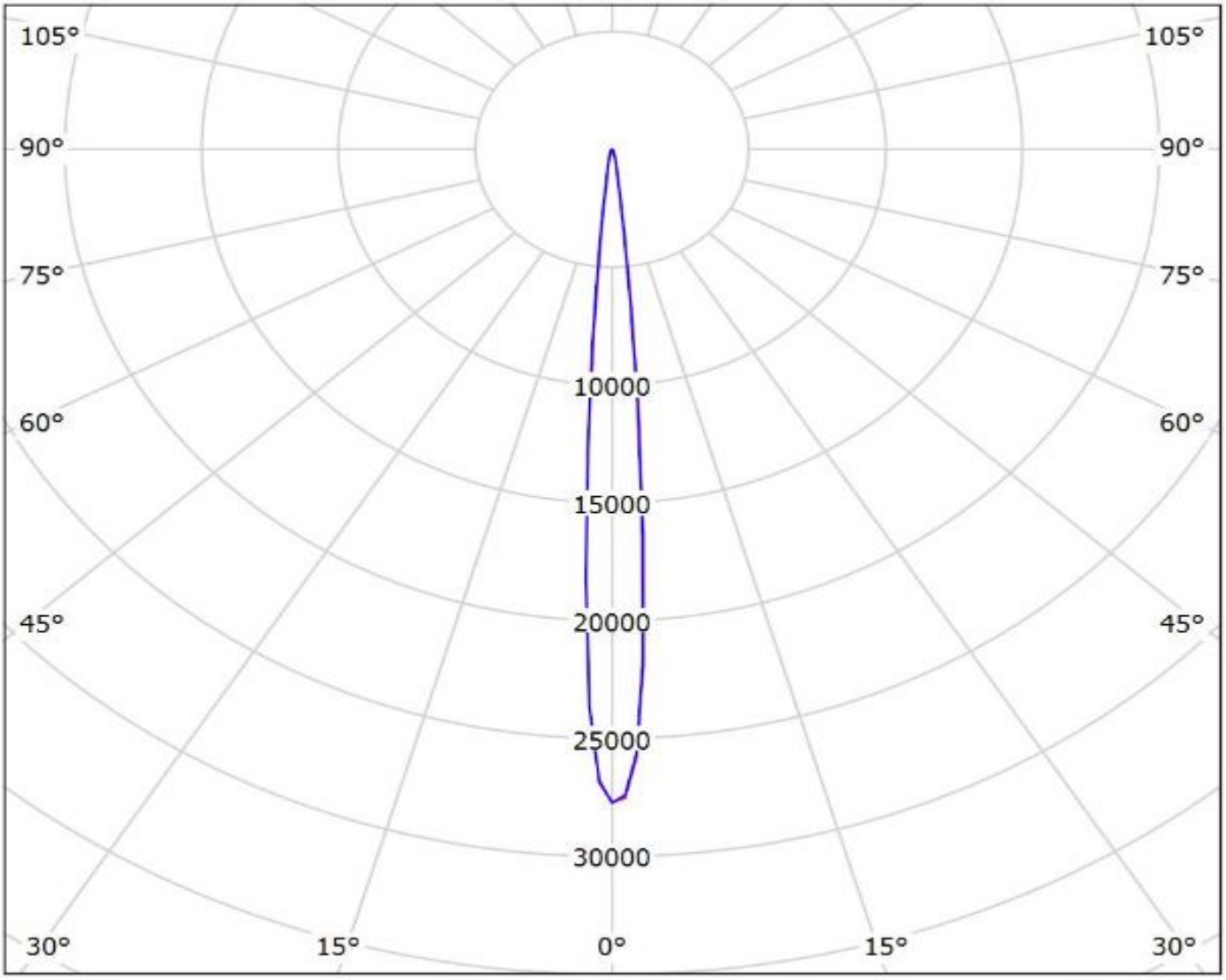


cd/klm

η = 90%

C0 - C180 C90 - C270

Luminaire: Ledil CA13546_EMILY-RS_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A

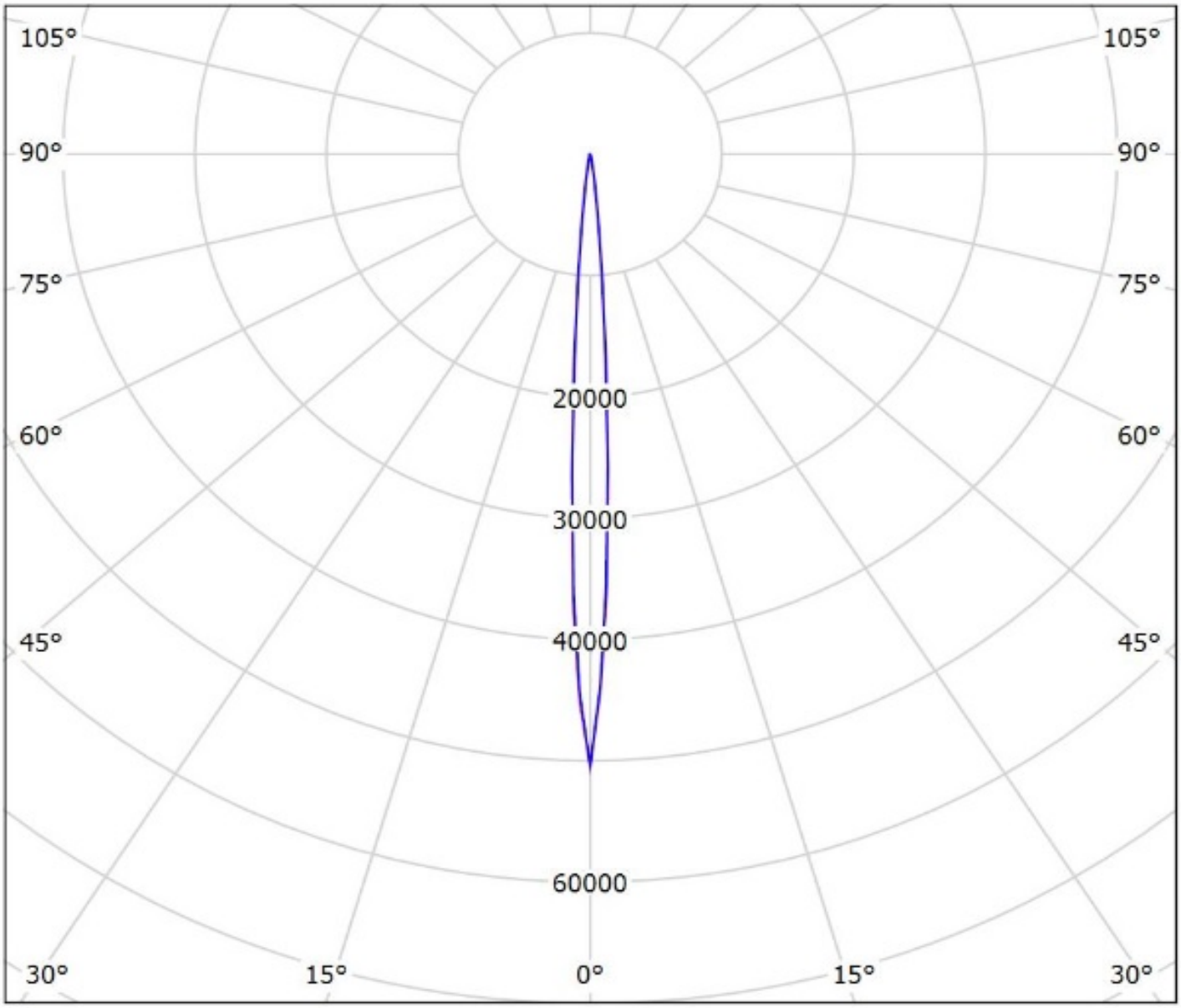


cd/klm

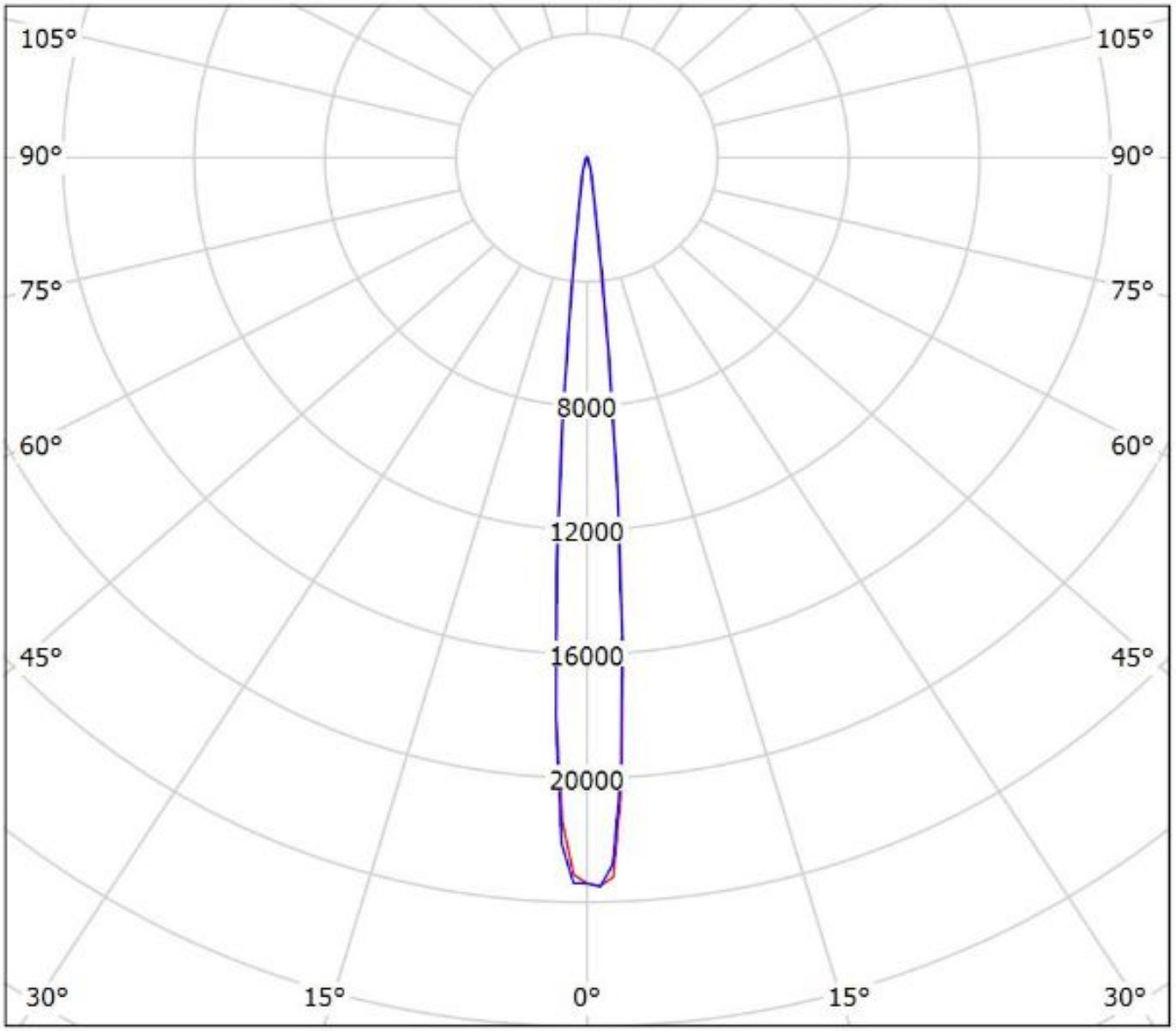
η = 88%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA13546_EMILY-RS_(Oslon_Black_Flat)_SIMULATED
Lamps: 1 x Osram Oslon Black Flat (LUV HWQP)



Luminaire: Ledil CA13546_EMILY-RS_(Z5M1)
Lamps: 1 x Seoul_Z5M1_(SZ5-M1-W0-C8)_114.34lm@250mA_P=0.7489W_I=0.250A



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.