PRODUCT DATASHEET
Flare series
last update 25/9/2015

DETAILS

Product Number	C13016_FLARE-MINI-AD-PIN
Family	Flare
Type	Lens
Color	clear
Diameter	16 mm
Height	8,6 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	25/09/2015

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XB-D	100+16 deg	Oval	93 %	1.200	-
XP-G	100+20 deg	Oval	94 %	1.100	-
XT-E	104+19 deg	Oval	94 %	1.100	-
XP-E2	93+19 deg	Oval	94 %	1.300	-
XP-G2	97+24 deg	Oval	94 %	1.000	-
XP-L	111+30 deg	Oval	90 %	0.710	-
XP-L2	100+30 deg	Oval	94 %	0.760	-
LUXEON C	sim: 15+94	Oval	sim: 93 %	sim: 1.350	-
NVSxx19A	100+20 deg	Oval	94 %	1.100	-
Oslon Square EC	92+21 deg	Oval	94 %	1.100	-
LH351B	98+24 deg	Oval	94 %	1.000	-
LH351Z	99+25 deg	Oval	94 %	1.100	-

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Salorankatu 10
24240 SALO, Finland

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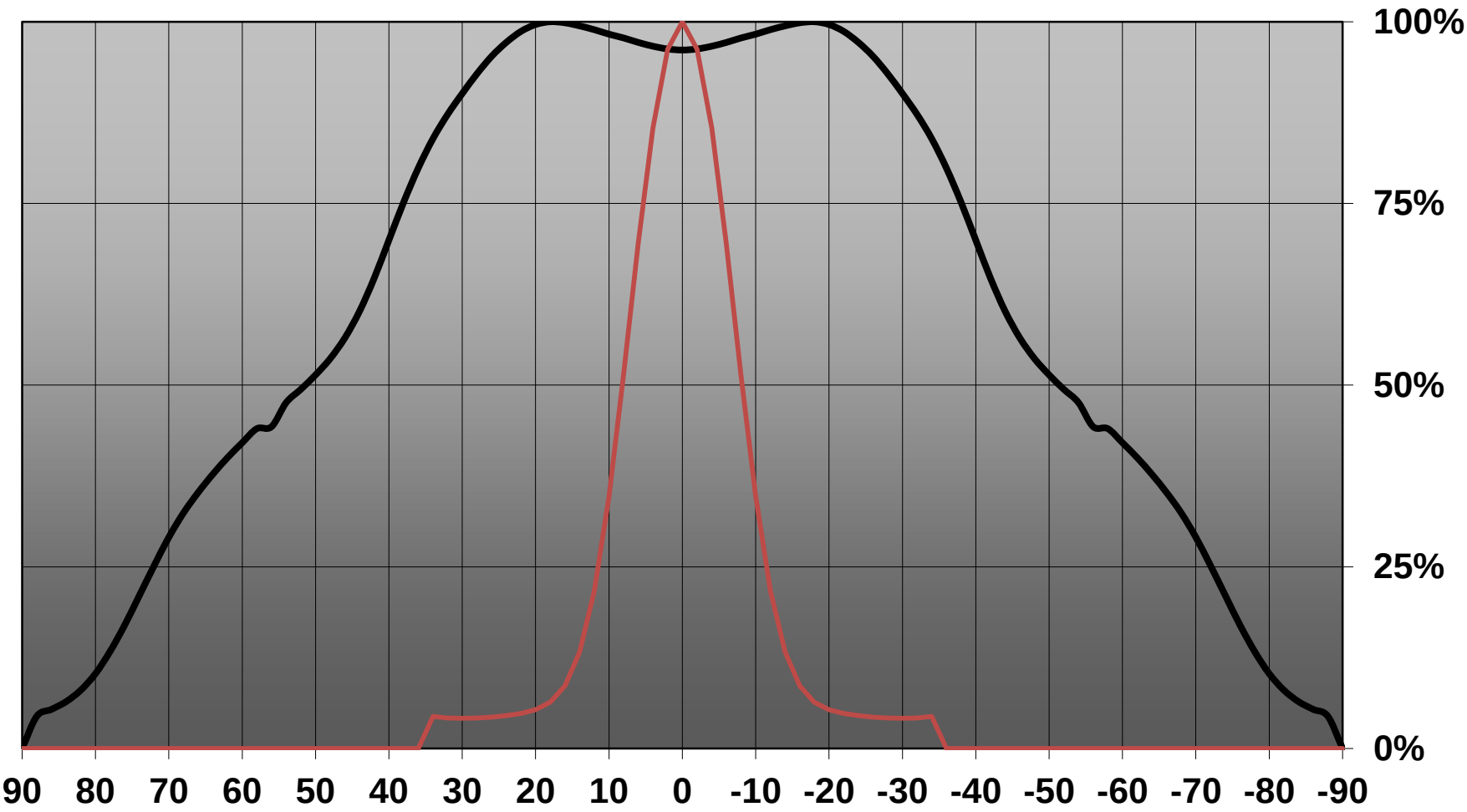
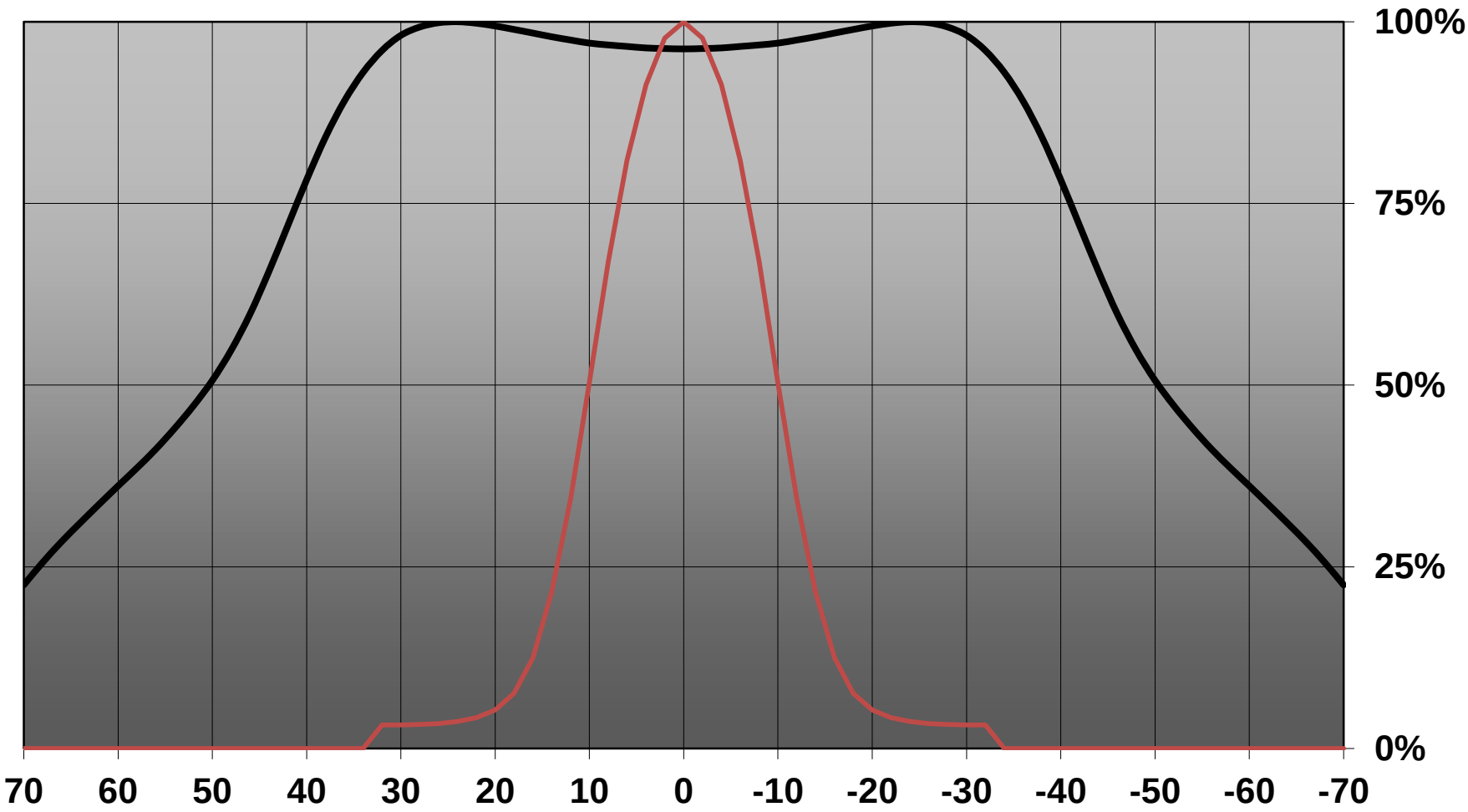
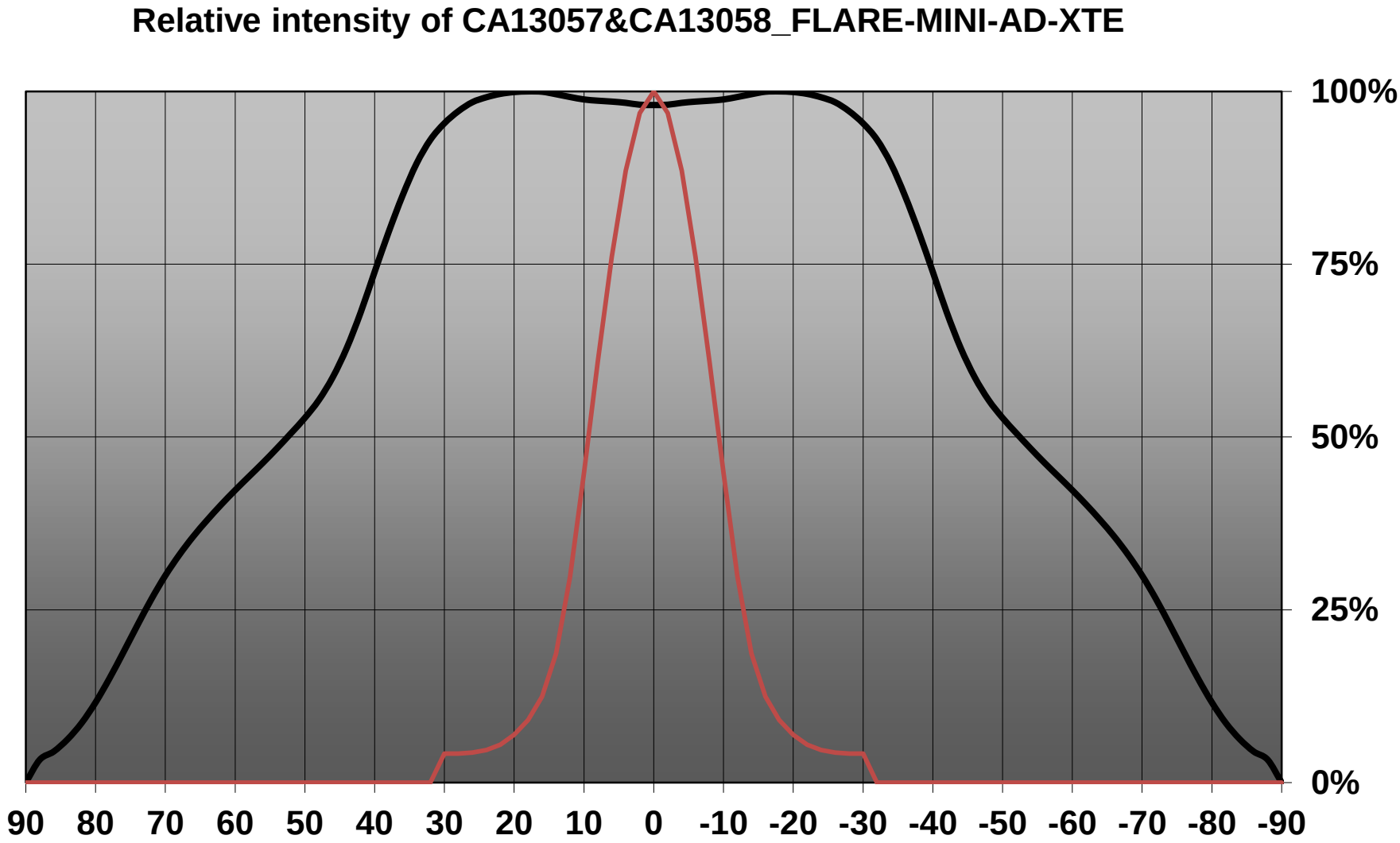
email: ledil@ledil.com
FAX: +358-2-733 8001

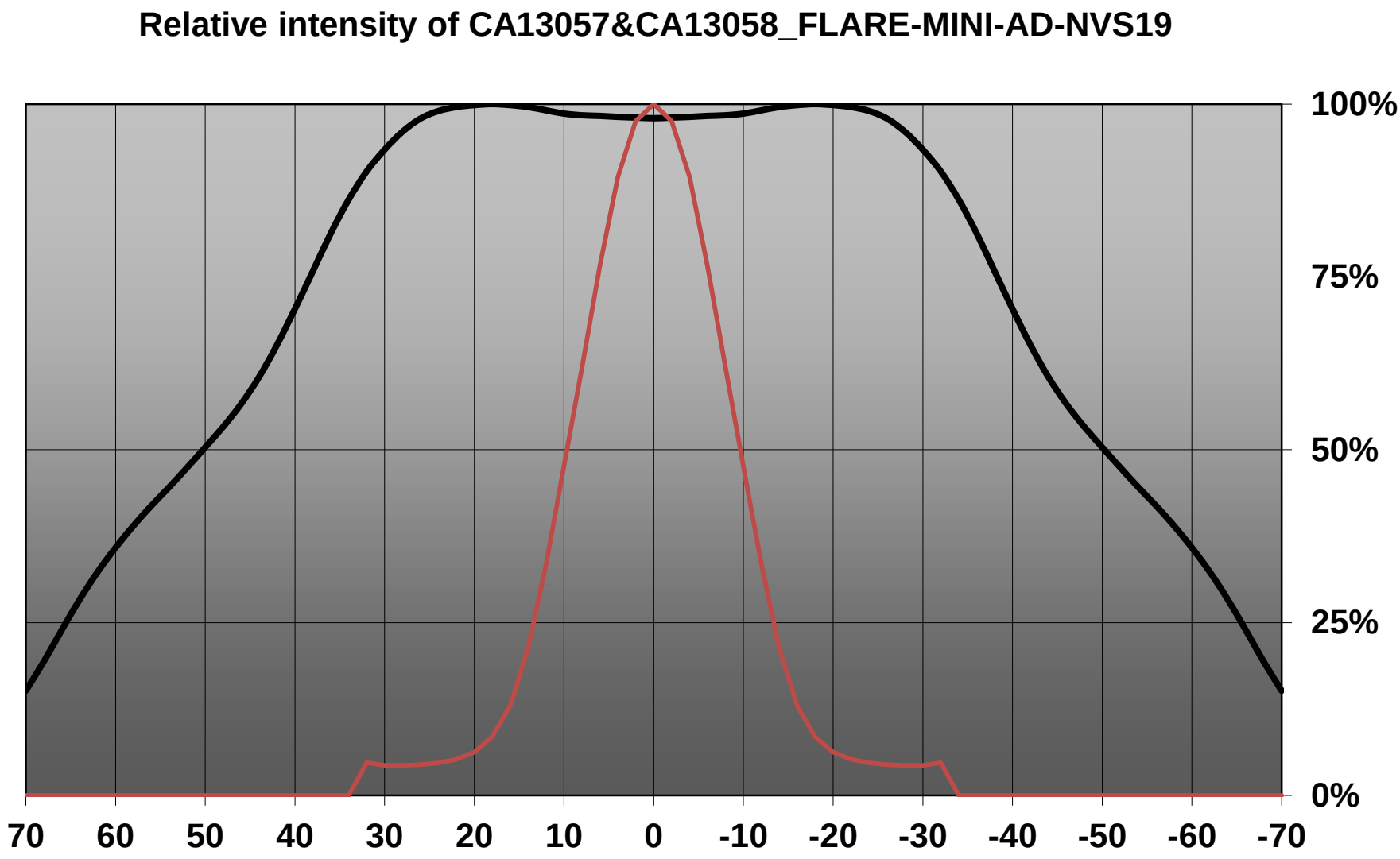
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XBD

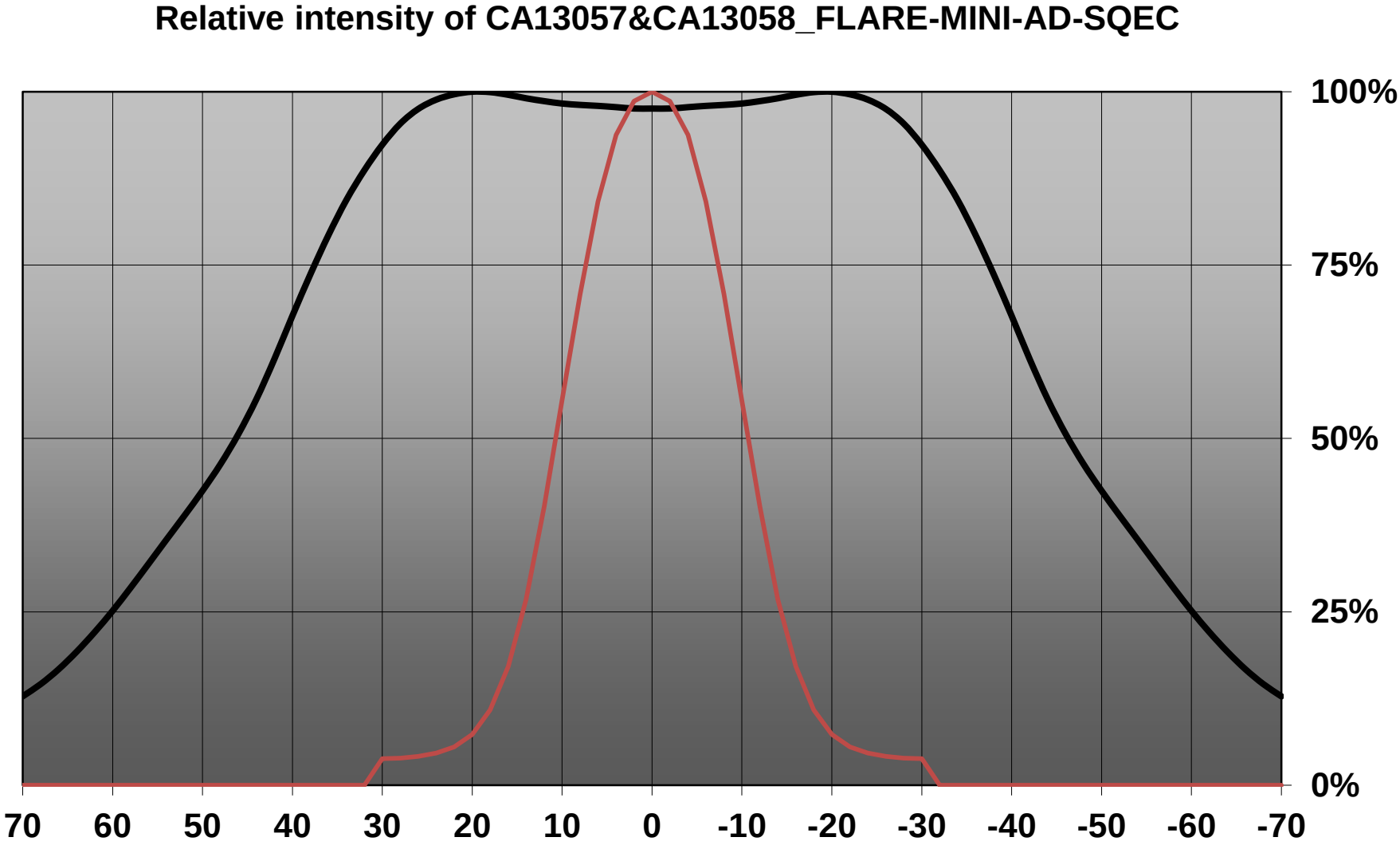


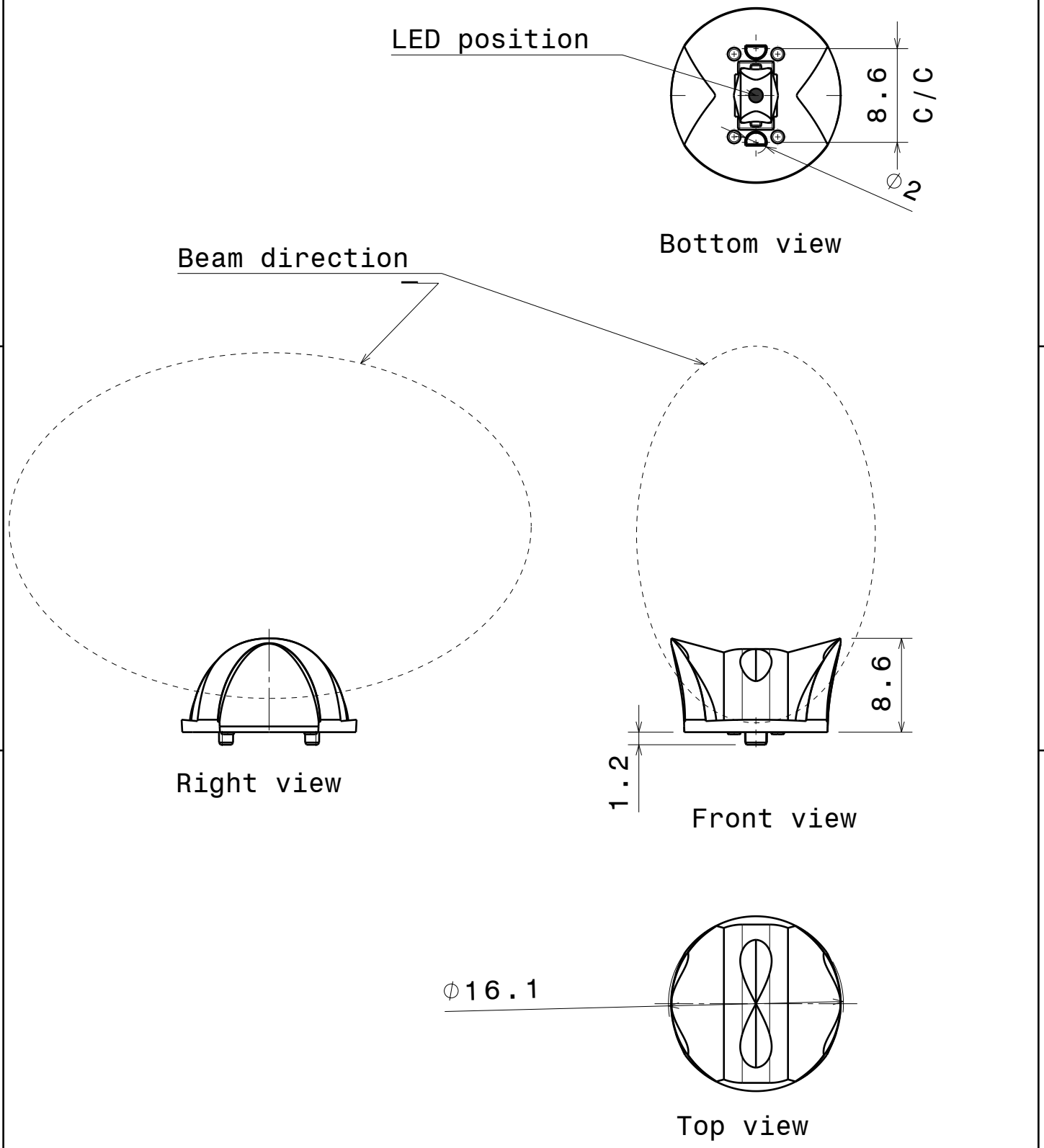
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XPG




Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XTE
100%
75%
50%
25%
0%
90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90


Relative intensity of CA13057&CA13058_FLARE-MINI-AD-NVS19
100%
75%
50%
25%
0%
70
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
-70


Relative intensity of CA13057&CA13058_FLARE-MINI-AD-SQEC
100%
75%
50%
25%
0%
70
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
-70



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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

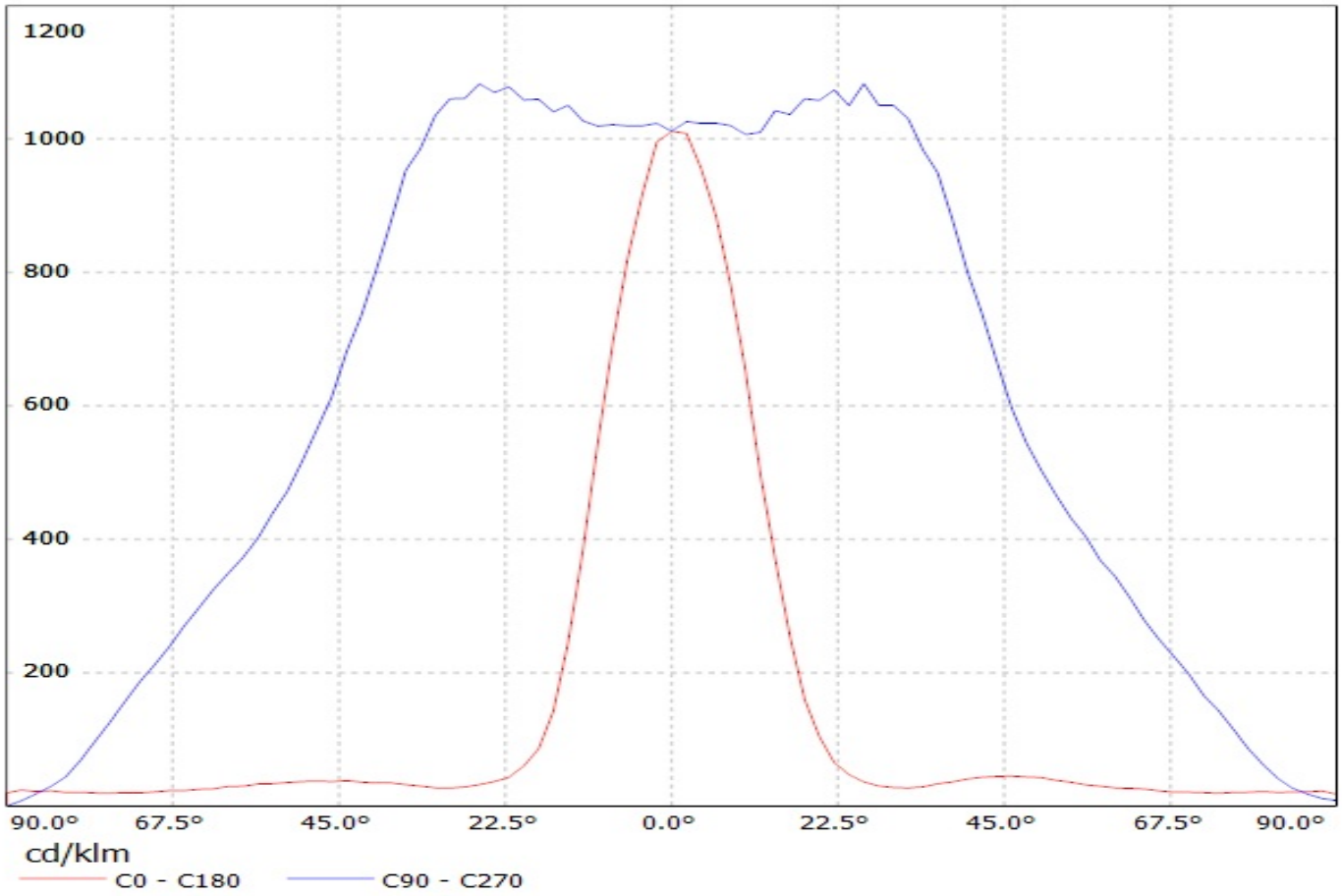
DRAWING TITLE

Datasheet FLARE-MINI_PIN

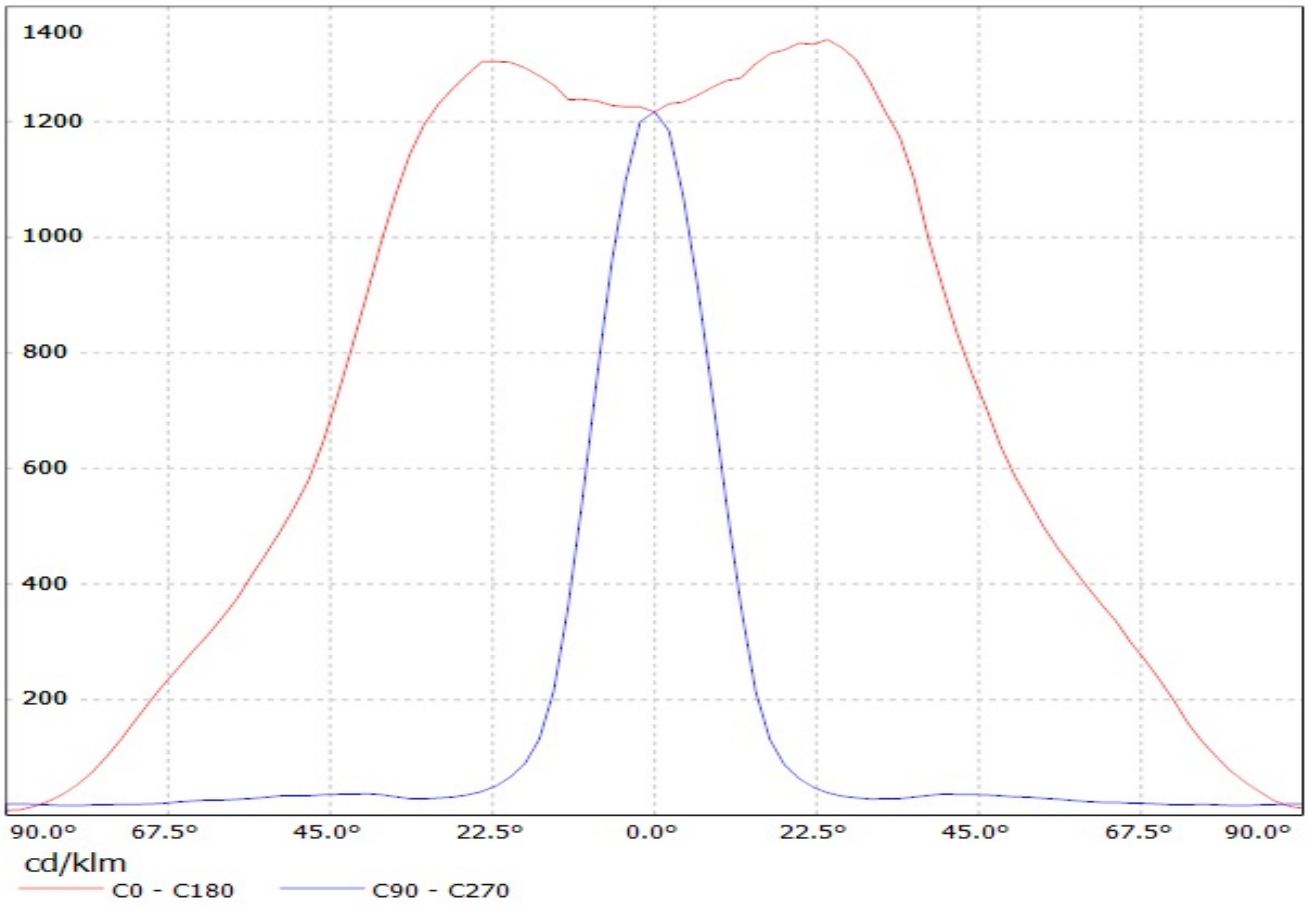
SIZE	PART NUMBER
A4	-

SCALE	WEIGHT		SHEET
2:1	(g)		1/1

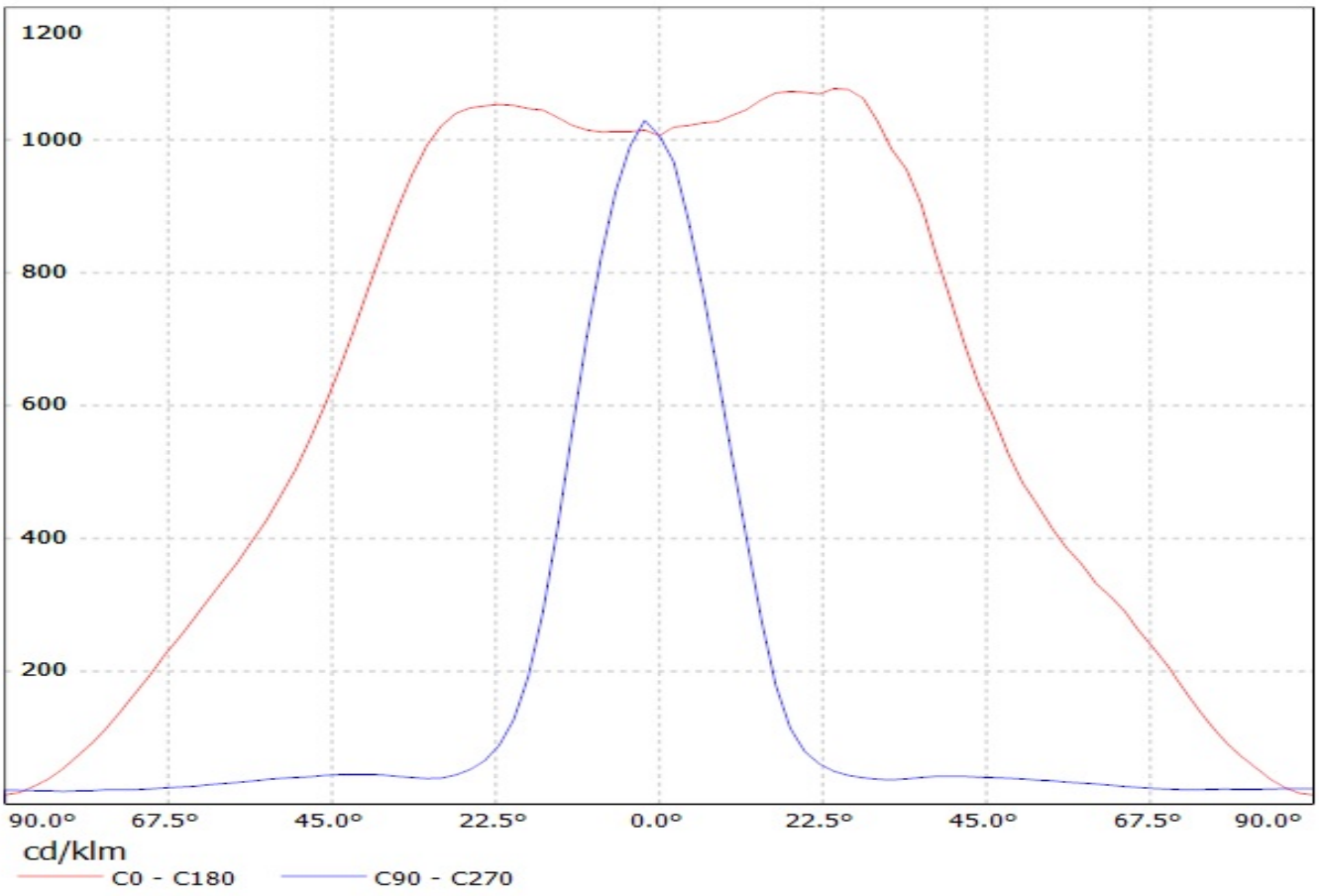
Luminaire: Ledil Oy C13016_FLARE-MINI-AD (Cree XP-G 68lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-G 68lm @ 250mA



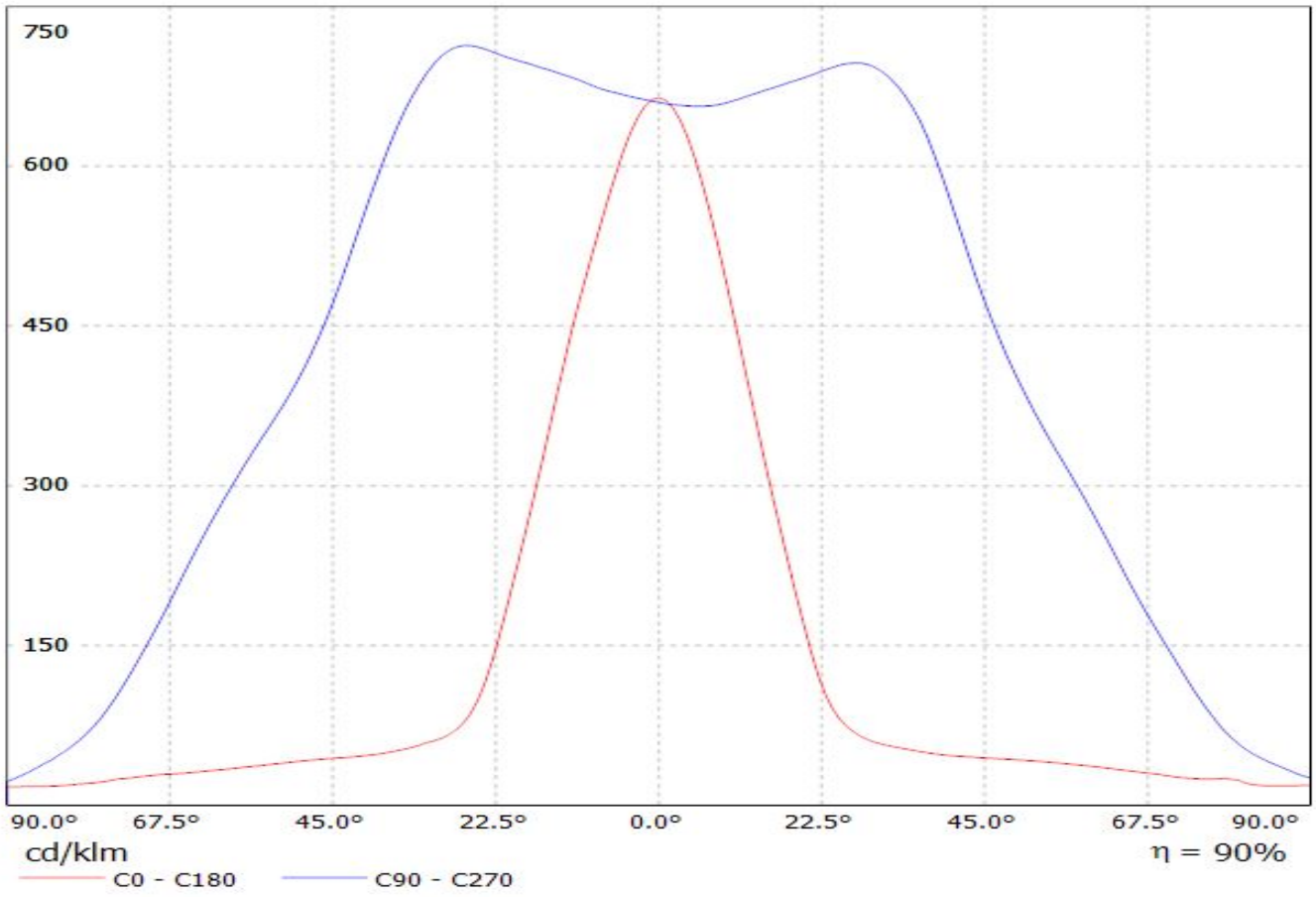
Luminaire: Ledil Oy C13016_FLARE-MINI-AD-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



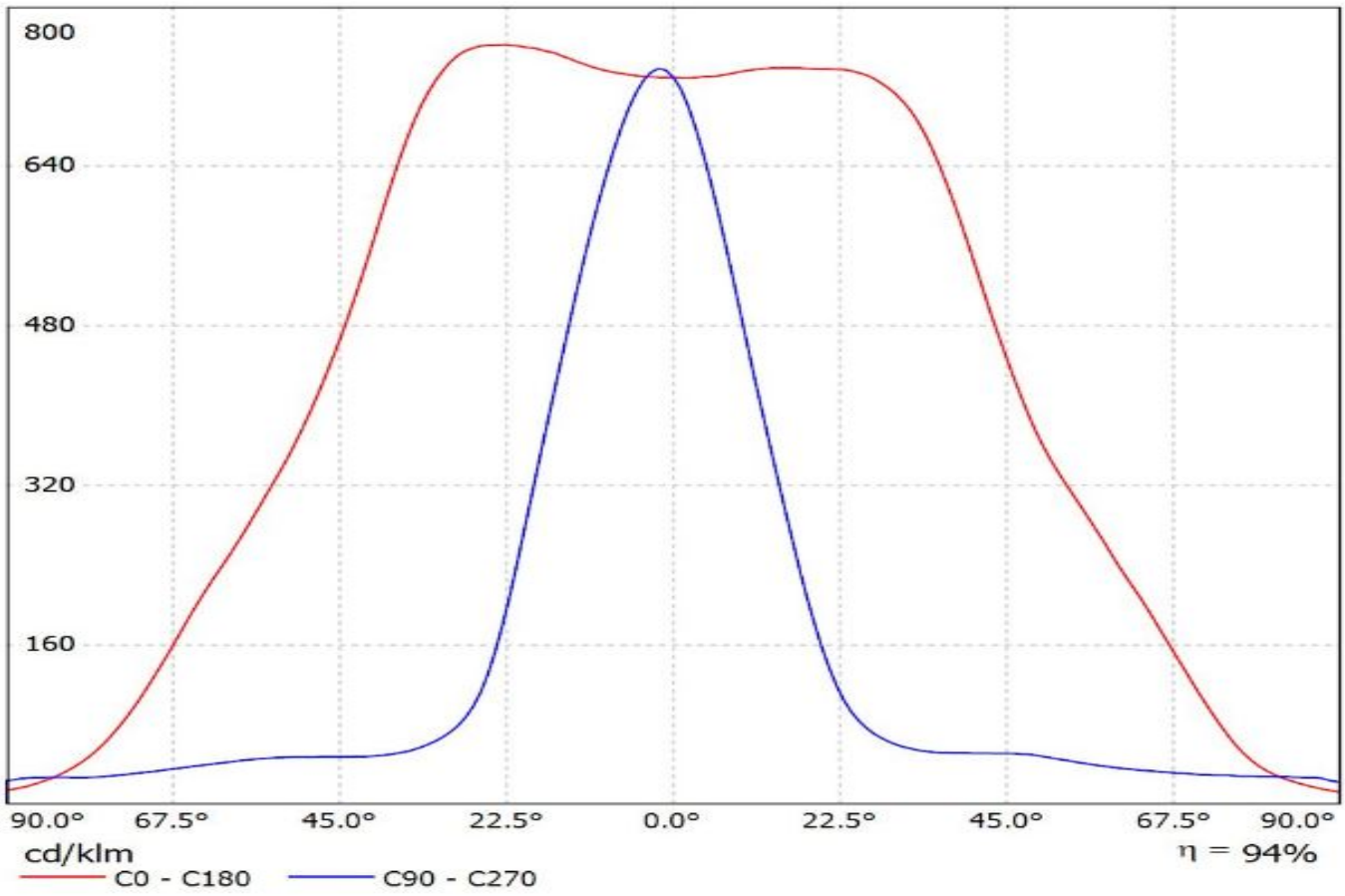
Luminaire: Ledil Oy C13016_FLARE-MINI-AD-PIN (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



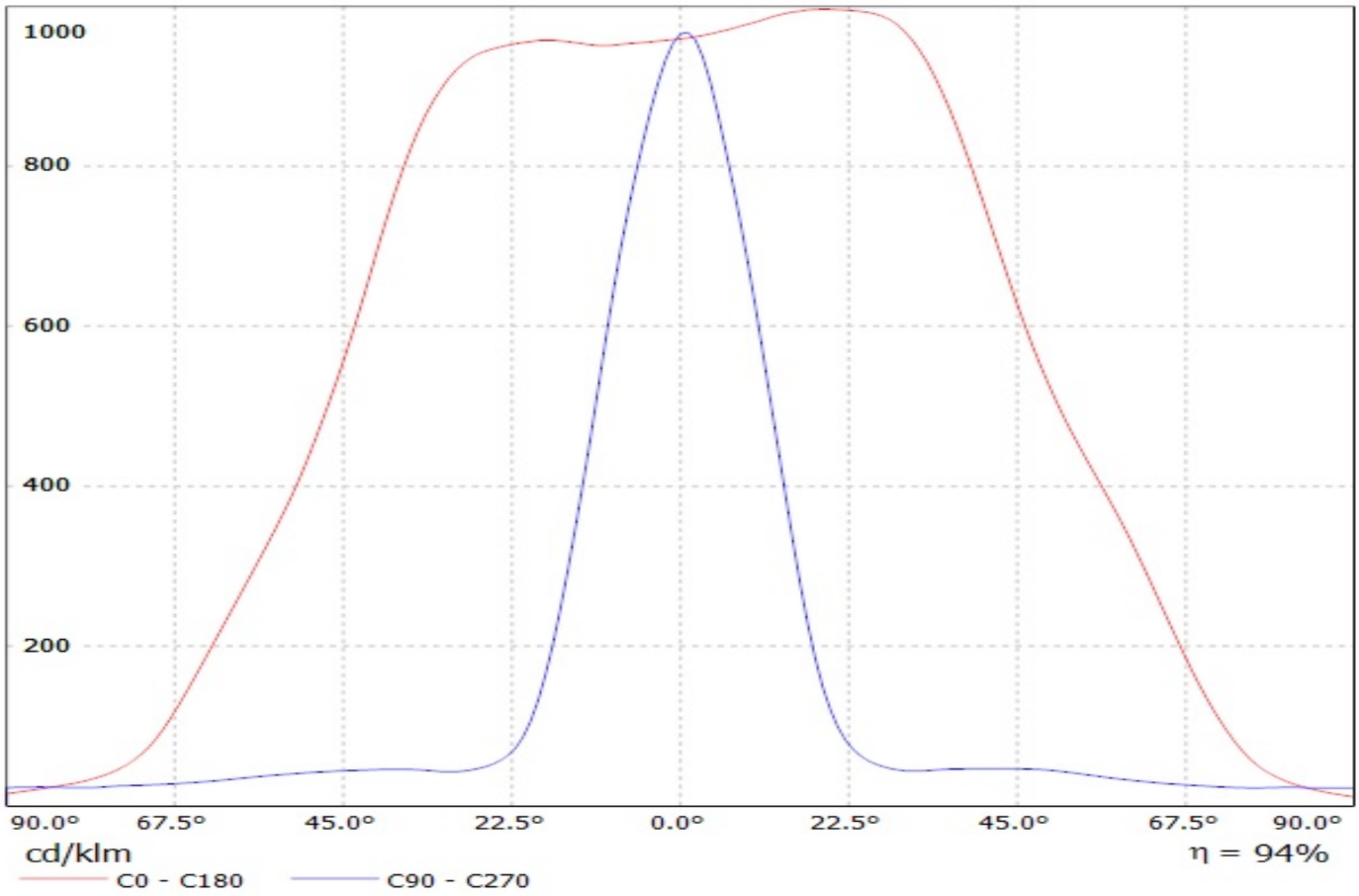
Luminaire: LEDiL Oy C13016_FLARE-MINI-AD-PIN_(XP-L) Eff.89.8%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



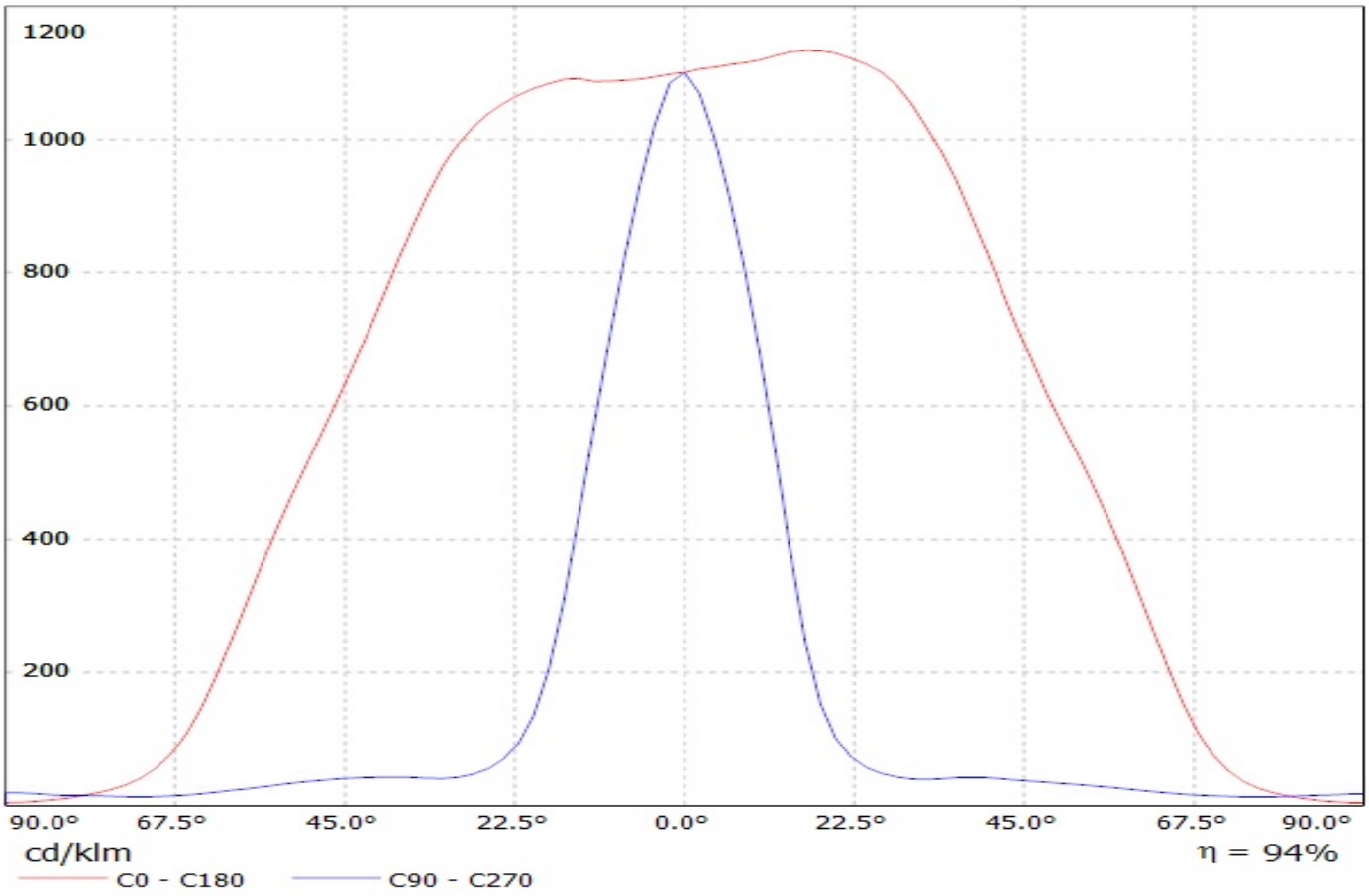
Luminaire: Ledil C13016_FLARE-MINI-AD-PIN_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A



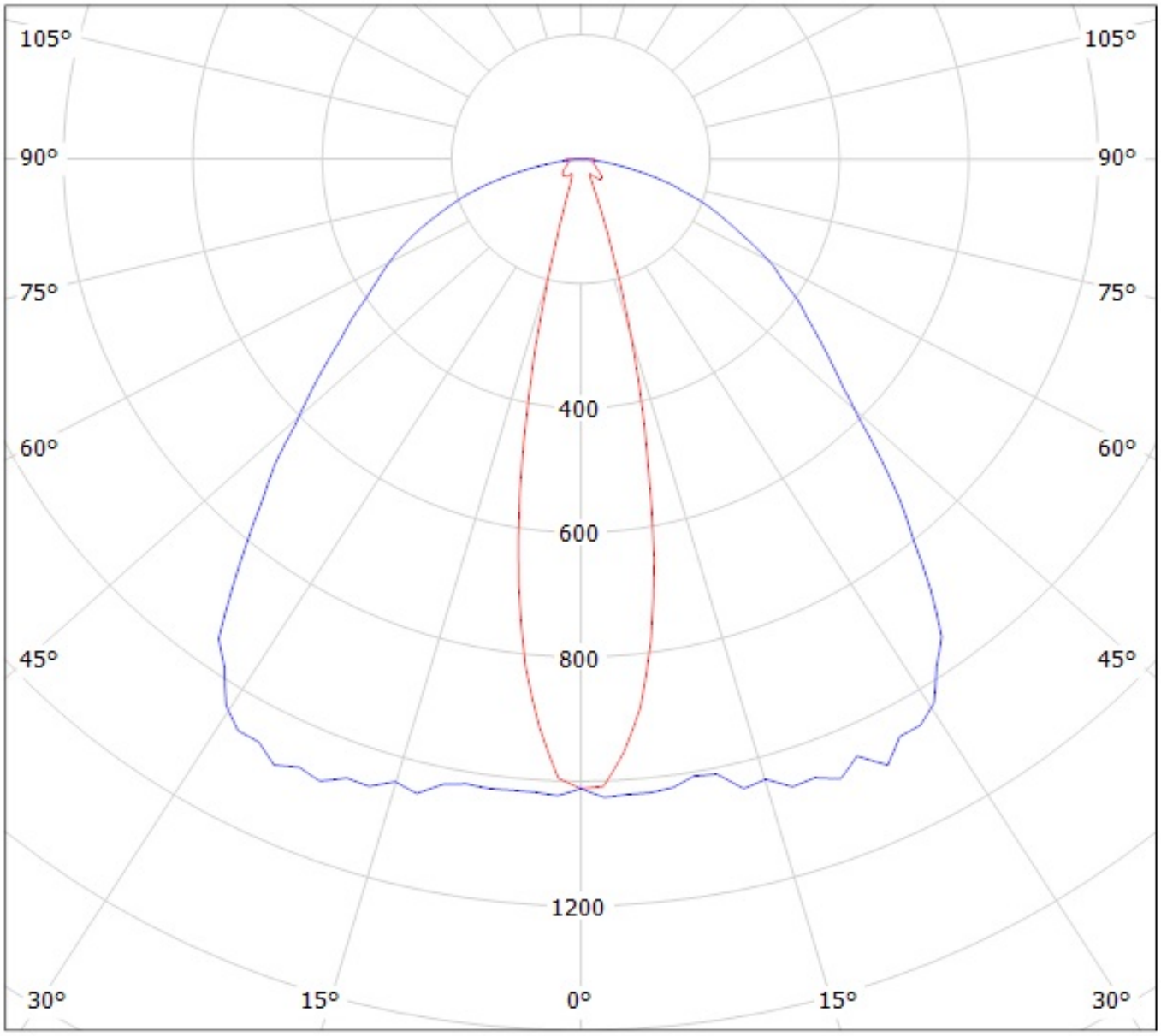
Luminaire: LEDiL Oy C13016_FLARE-MINI-AD-PIN_(LH351B)
Lamps: 1 x SAMSUNG_LH351B_109.99lm@250mA_P=2.9308W_I=249.9mA



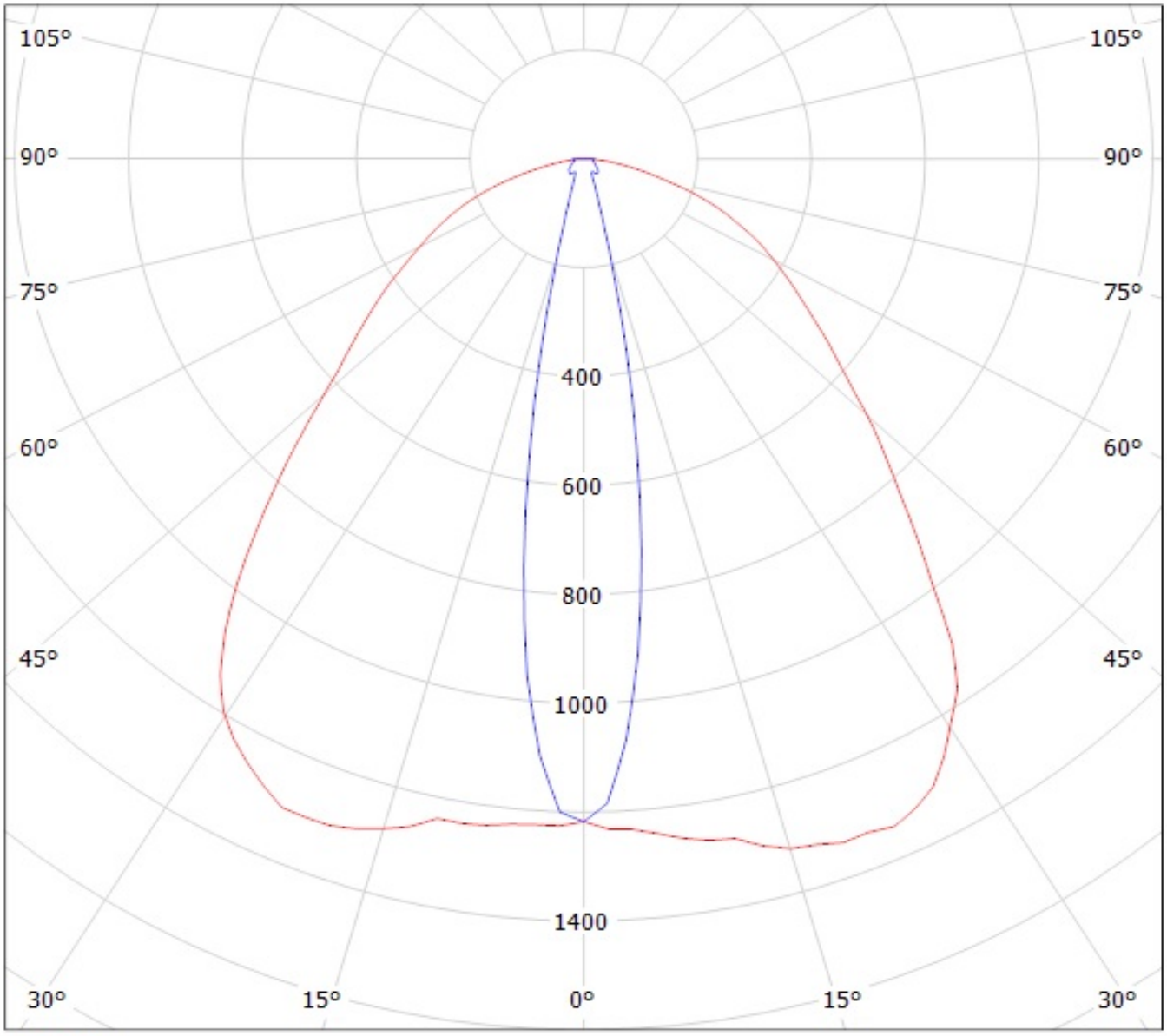
Luminaire: LEDil Oy C13016_FLARE-MINI-AD-PIN_(LH351Z)
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



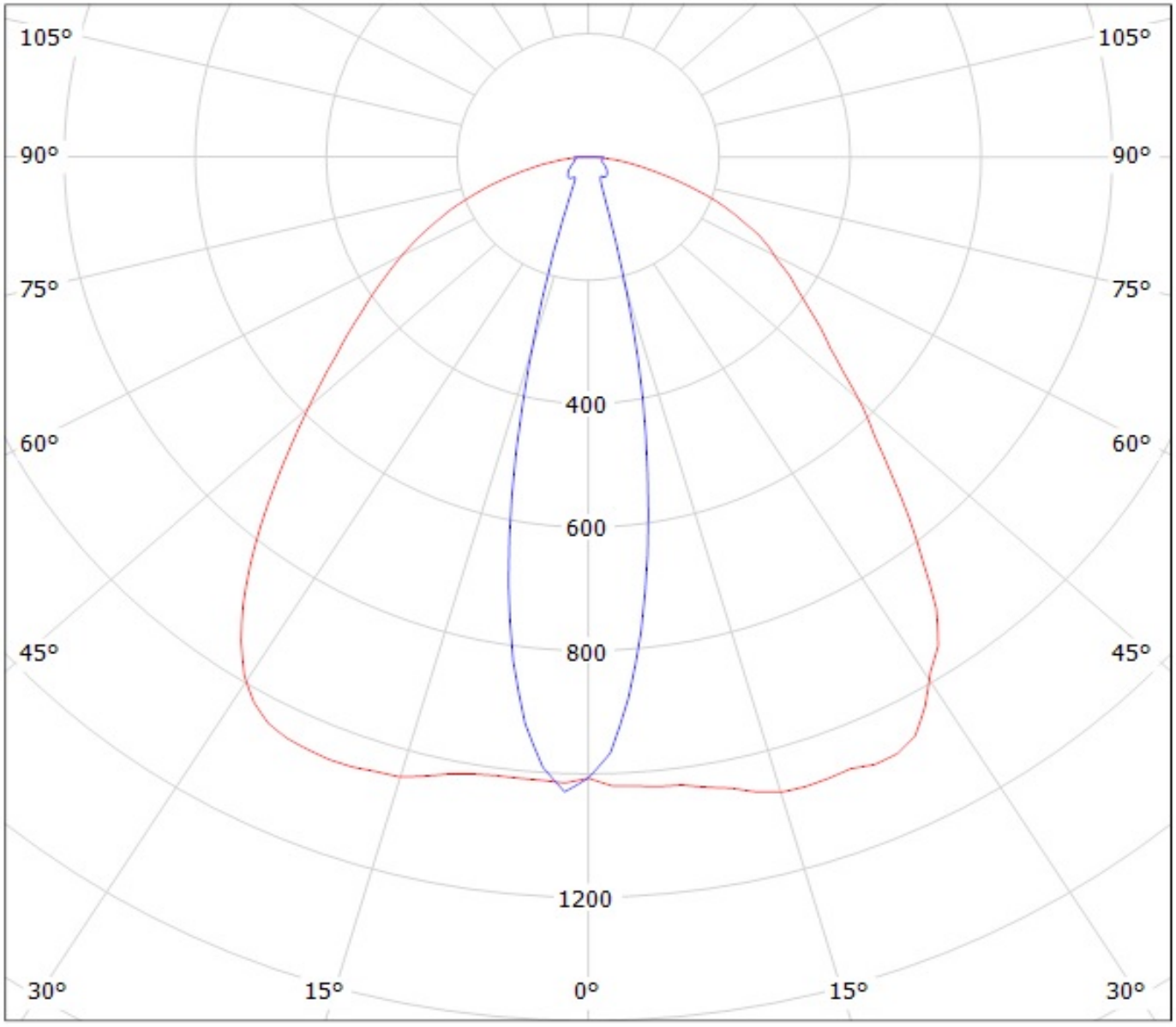
Luminaire: Ledil Oy C13016_FLARE-MINI-AD (Cree XP-G 68lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-G 68lm @ 250mA



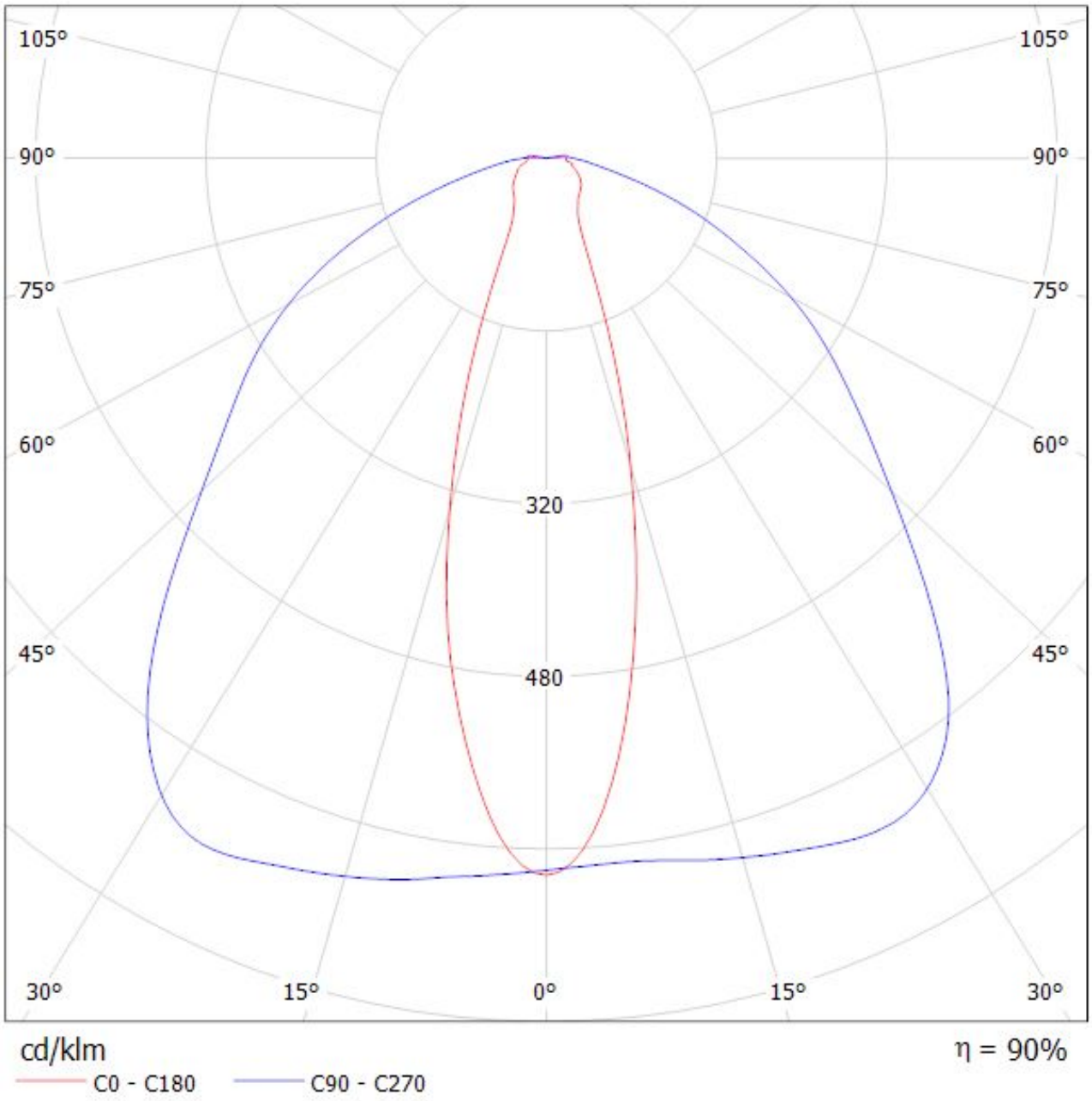
Luminaire: Ledil Oy C13016_FLARE-MINI-AD-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



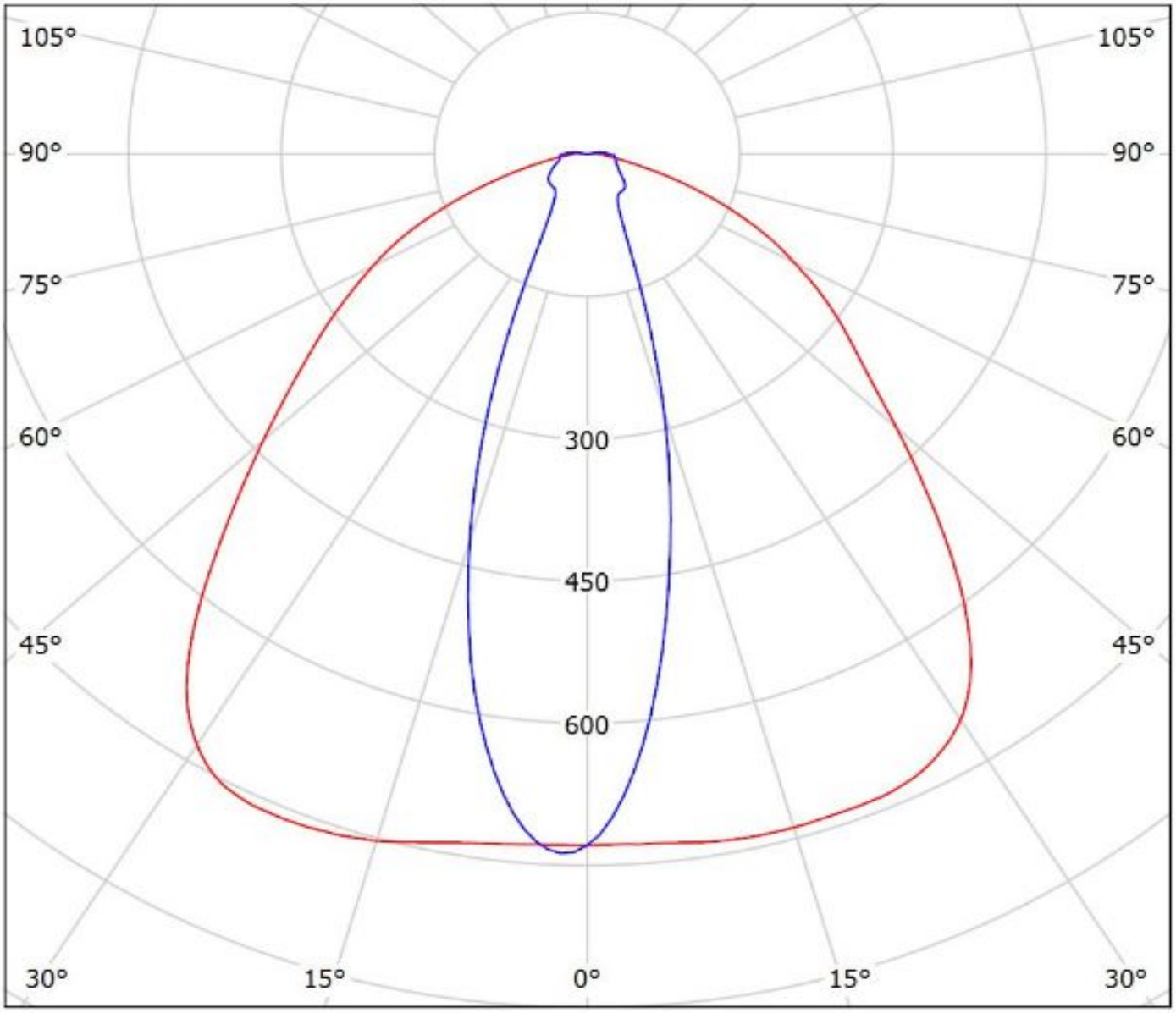
Luminaire: Ledil Oy C13016_FLARE-MINI-AD-PIN (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



Luminaire: LEDiL Oy C13016_FLARE-MINI-AD-PIN_(XP-L) Eff.89.8%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



Luminaire: Ledil C13016_FLARE-MINI-AD-PIN_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A

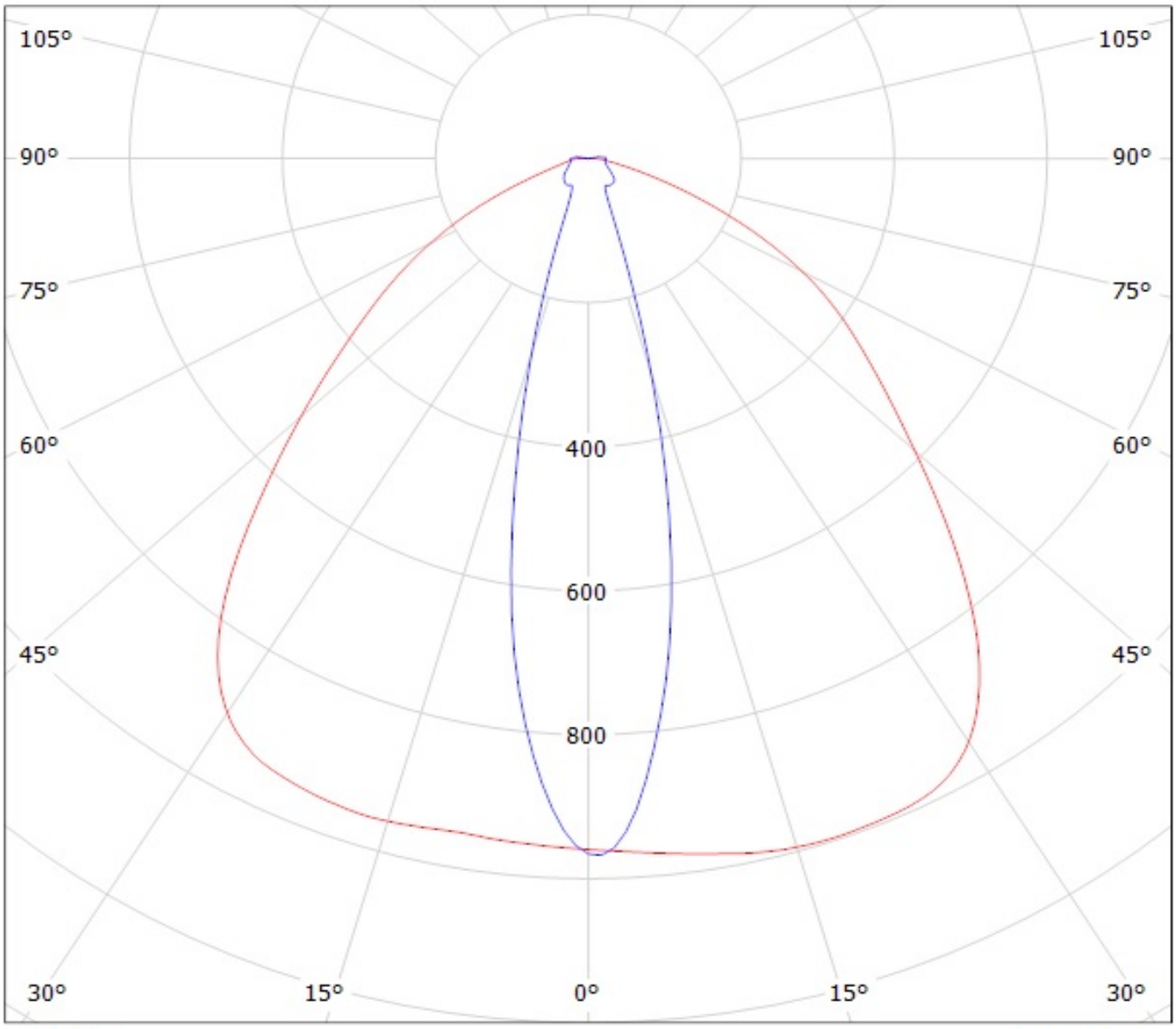


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13016_FLARE-MINI-AD-PIN_(LH351B)
Lamps: 1 x SAMSUNG_LH351B_109.99lm@250mA_P=2.9308W_I=249.9mA

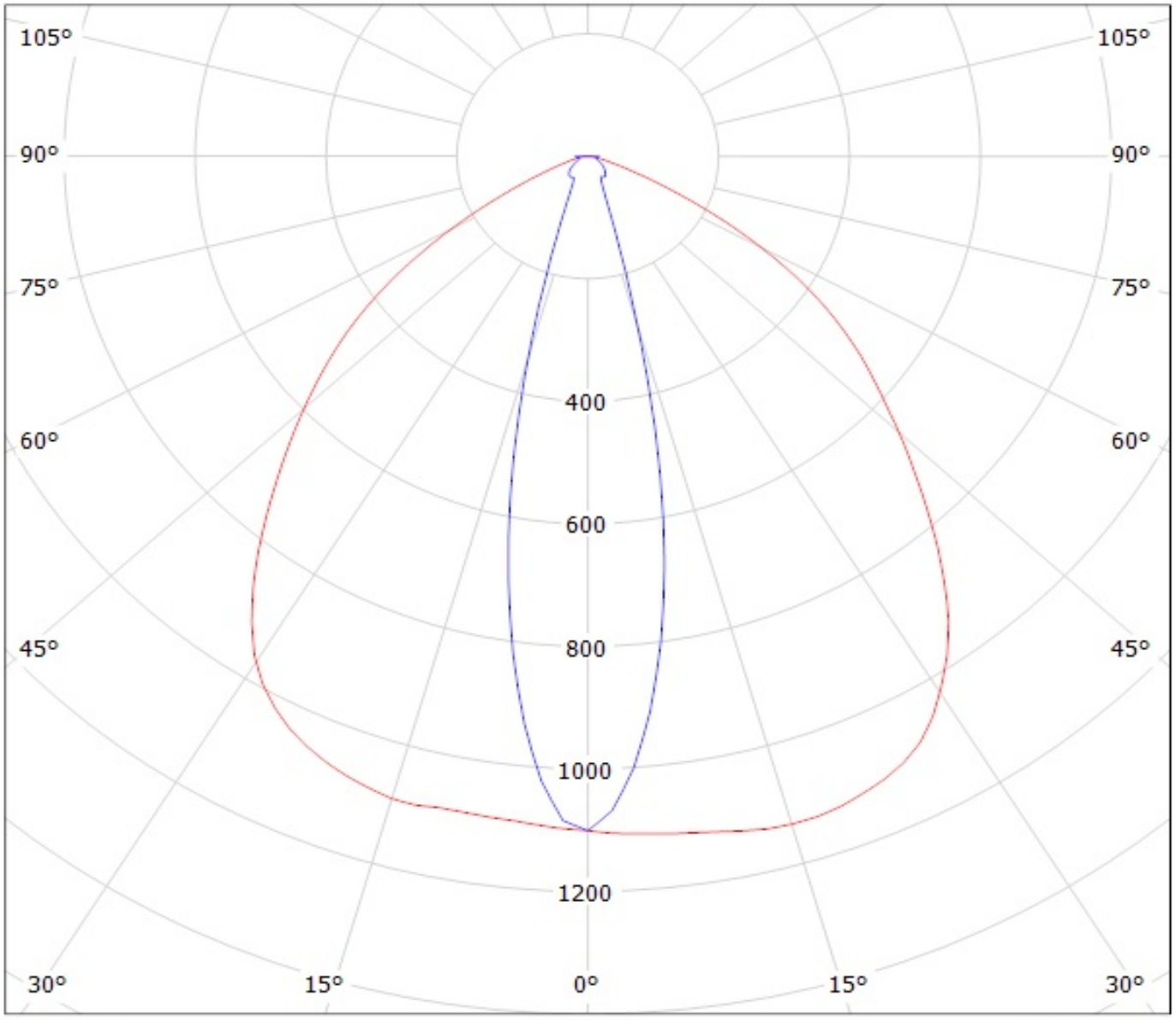


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDil Oy C13016_FLARE-MINI-AD-PIN_(LH351Z)
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



cd/klm

η = 94%

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.