PRODUCT DATASHEET
Flare series
last update 25/9/2015

DETAILS



Product Number	C13015_FLARE-MINI-AD
Family	Flare
Type	Lens
Color	clear
Diameter	16 mm
Height	8,6 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue
Status	production ready
ROHS Comliant	Yes
Date Updated	25/09/2015

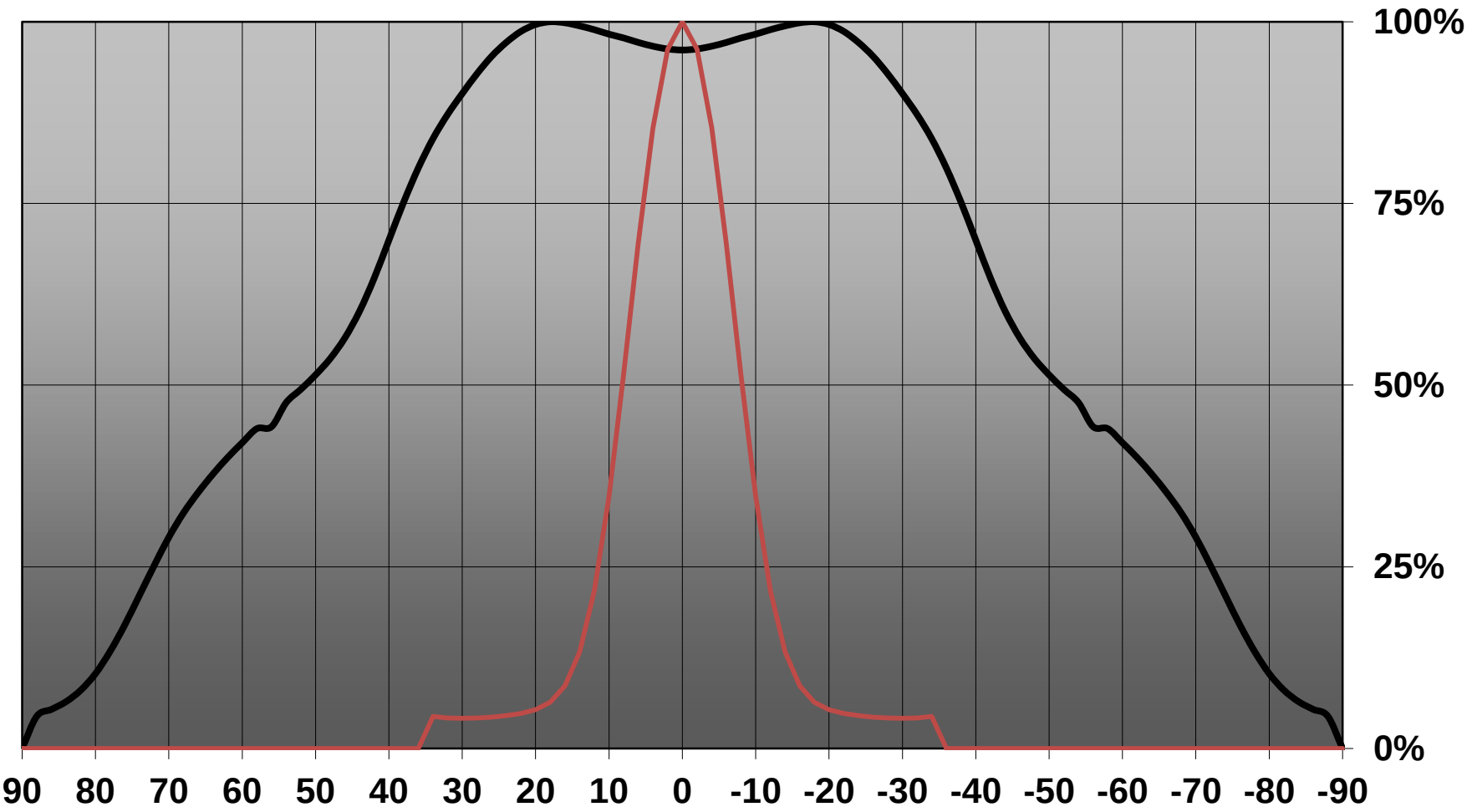
OPTICAL PROPERTIES

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-G2	97+24 deg	Oval	94 %	1.000	-
XP-E2	93+19 deg	Oval	94 %	1.300	-
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	-
LH351Z	99+25 deg	Oval	94 %	1.100	-
Z8Y22P	112+24 deg	Oval	93 %	0.870	-

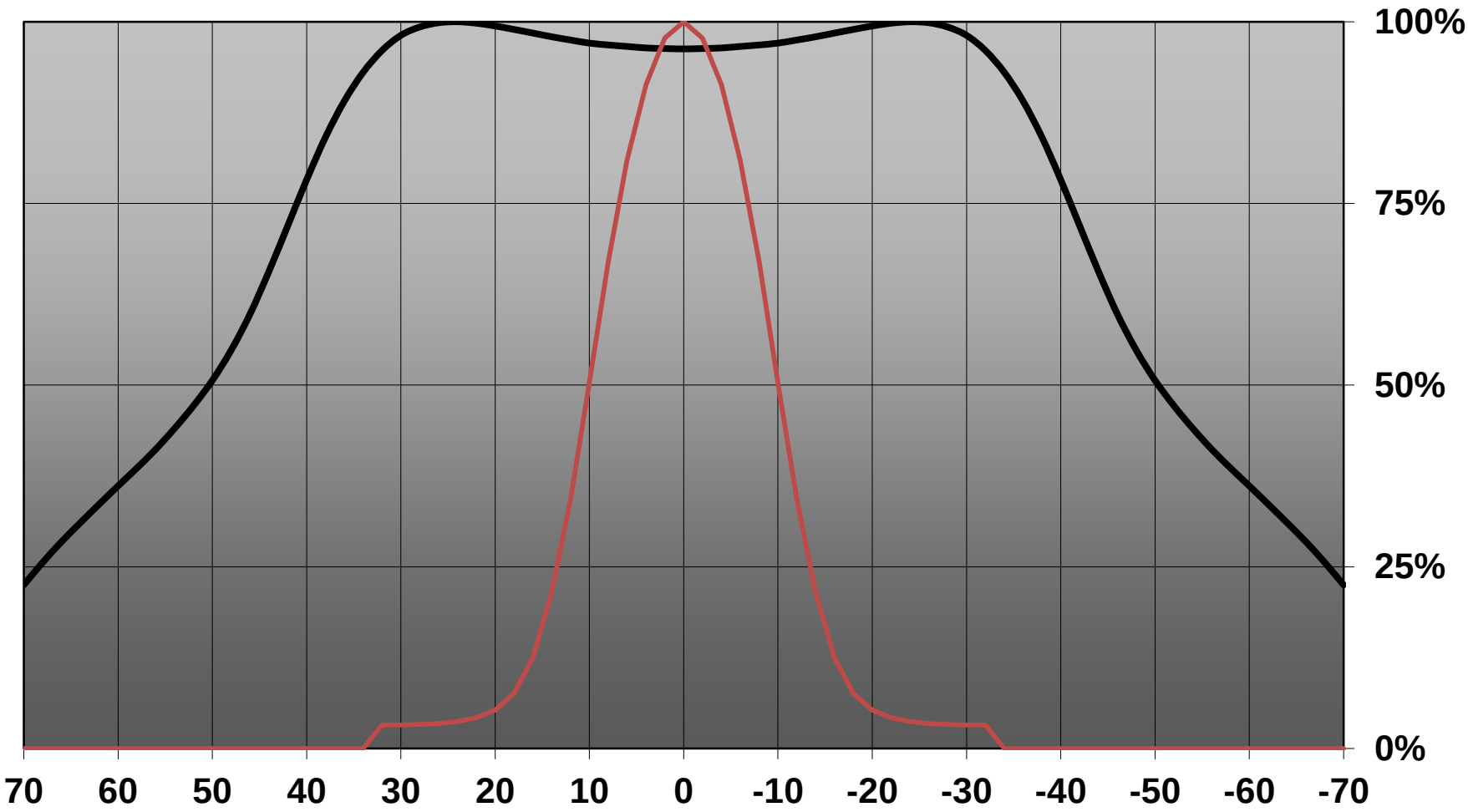
Ledil Oy
Salorankatu 10
24240 SALO, Finland

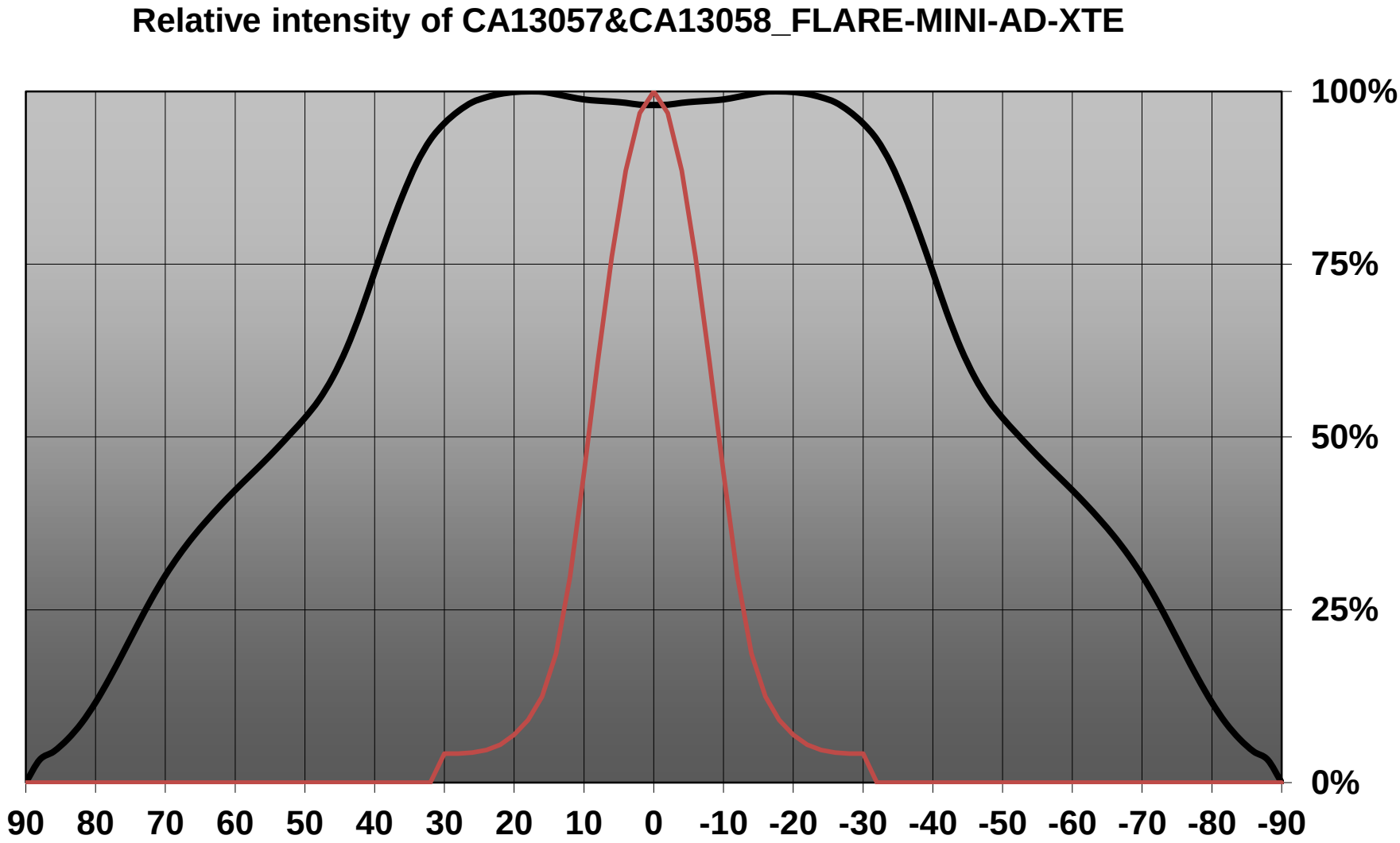
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

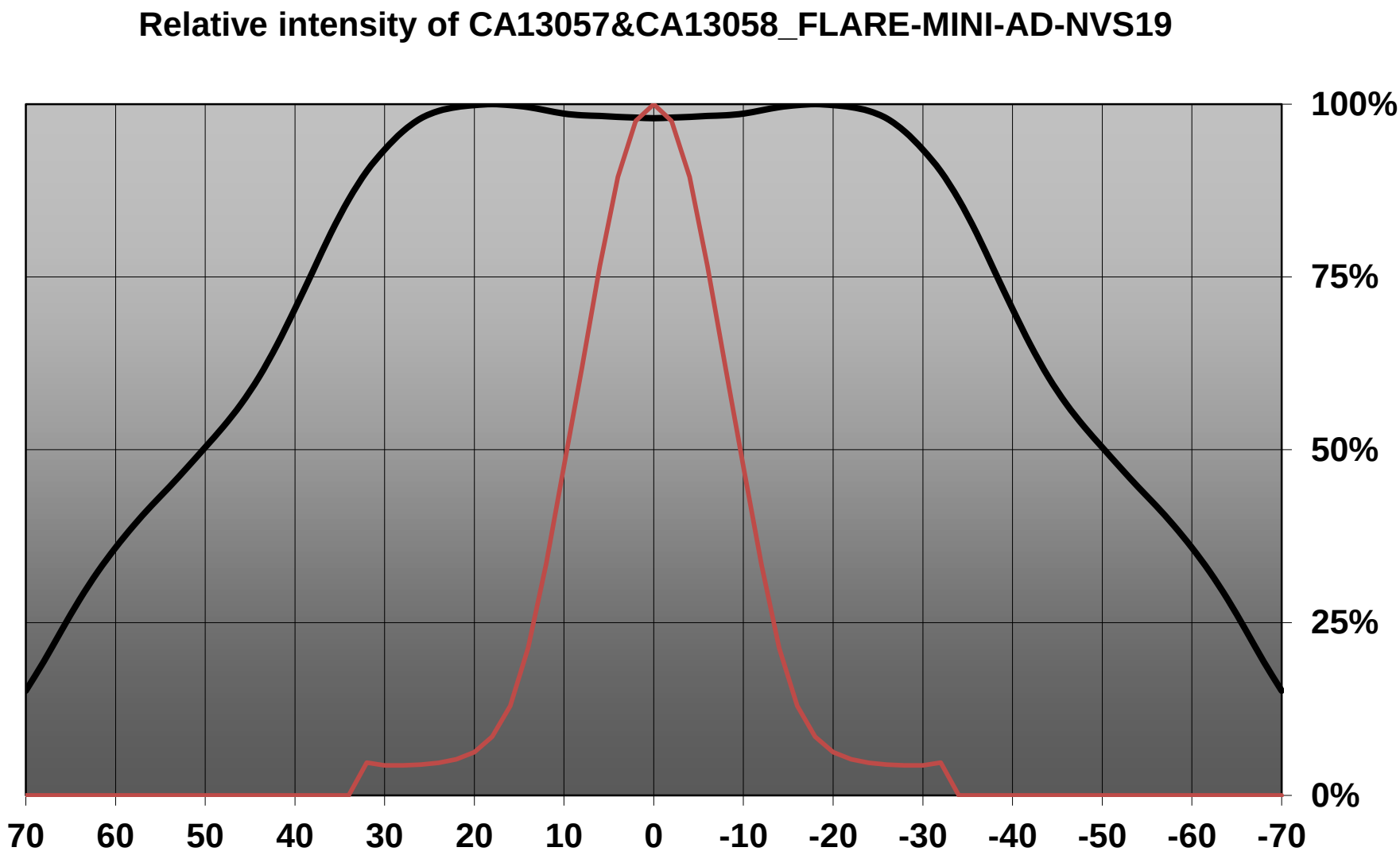
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XBD

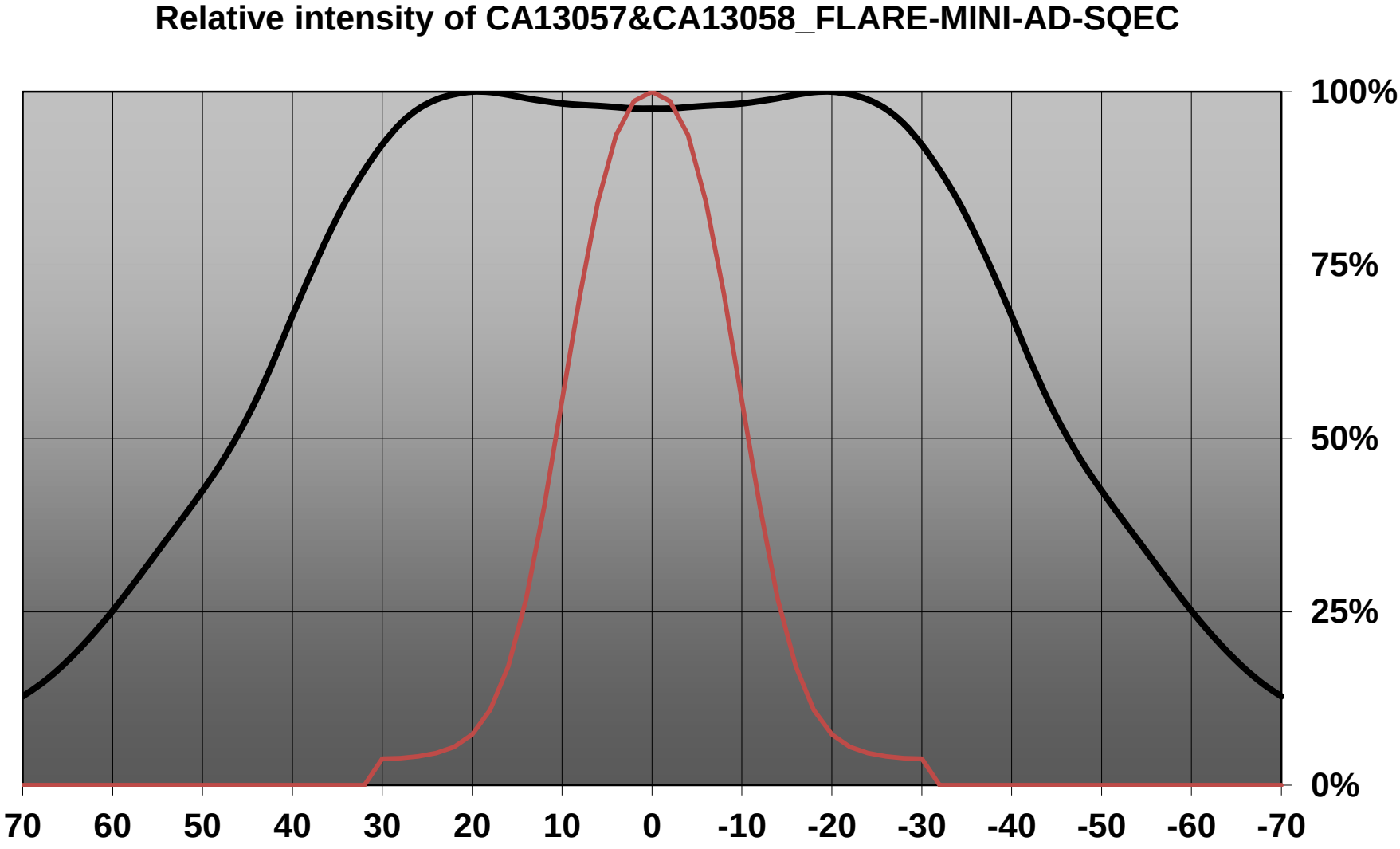


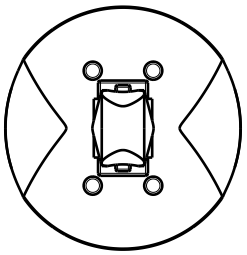
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XPG



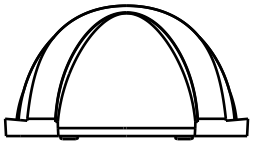

Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XTE
100%
75%
50%
25%
0%
90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90


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

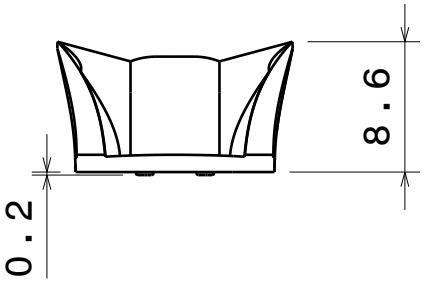

Relative intensity of CA13057&CA13058_FLARE-MINI-AD-SQEC
100%
75%
50%
25%
0%
70
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
-70



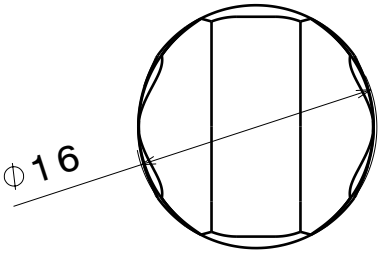
Bottom view



Right view



Front view



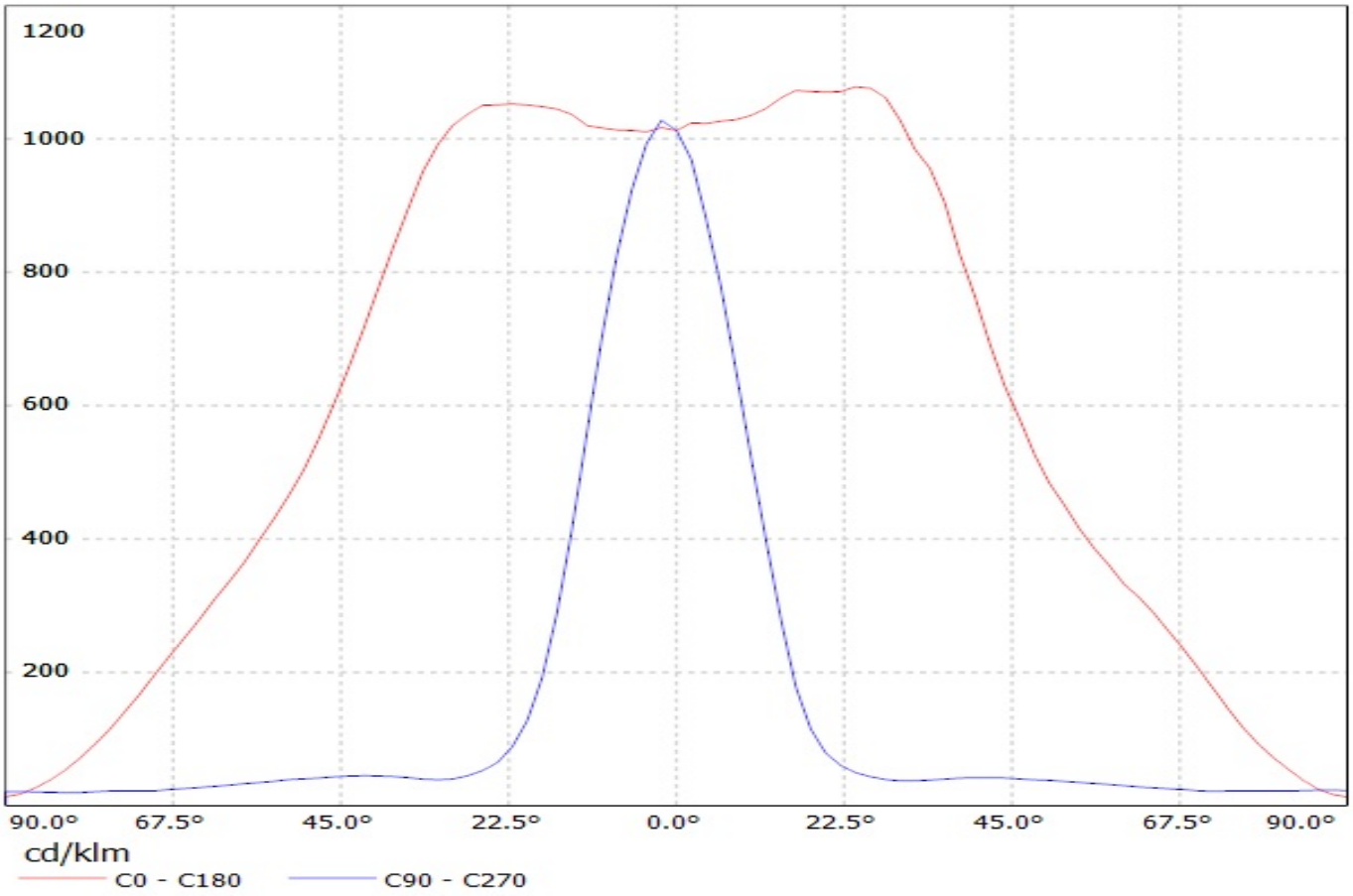
Top view

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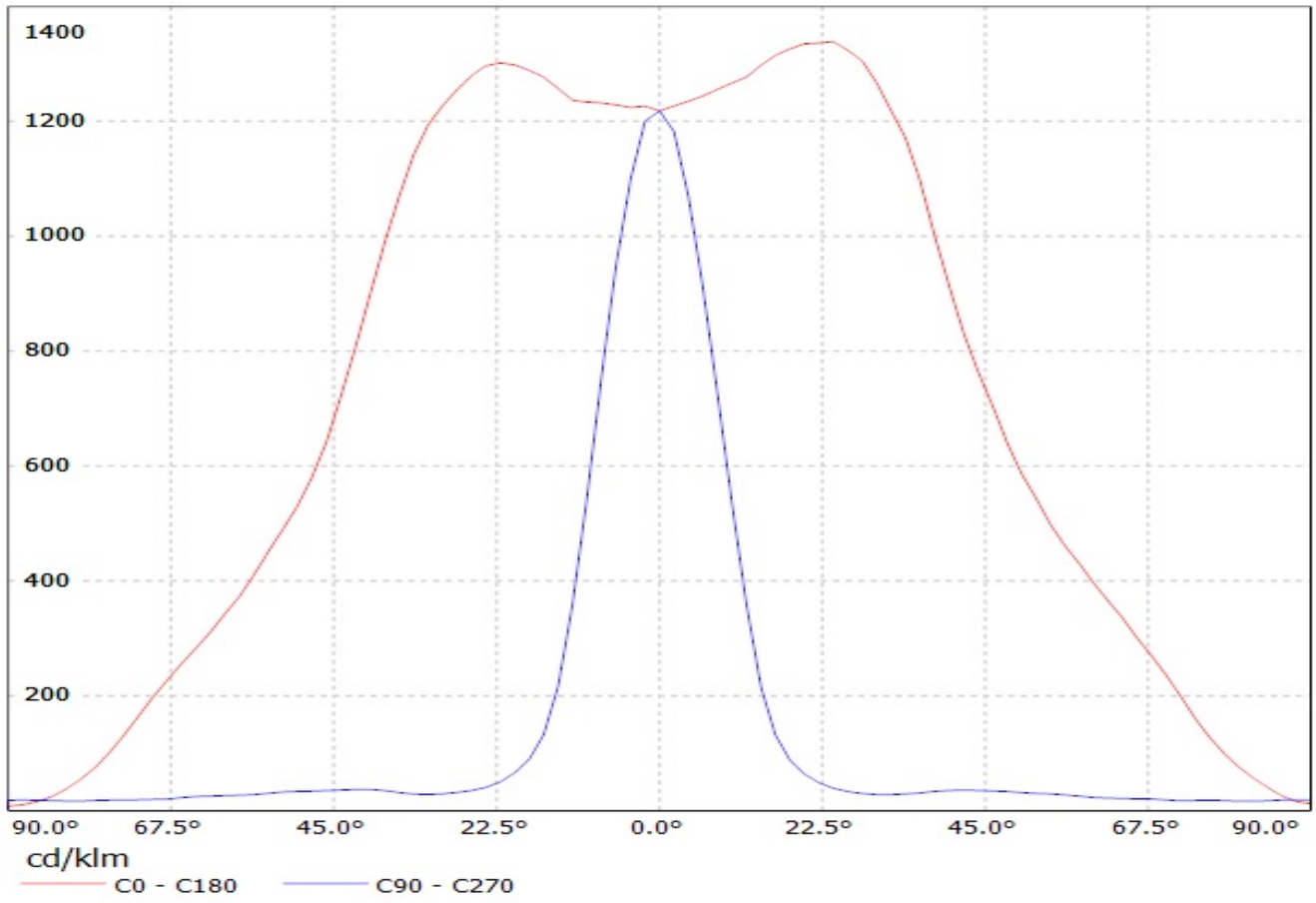
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FIN 24240 SALO
Finland

DRAWN BY: as	DATE: 1.8.2012	DRAWING TITLE: Datasheet FLARE-MINI		
CHECKED BY: sn	DATE: 1.8.2012	SIZE: A4	PART NUMBER:	REV: 001
DESIGNED BY: pl	DATE: 27.2.2012	SCALE: 2:1	WEIGHT:	SHEET: 1/1

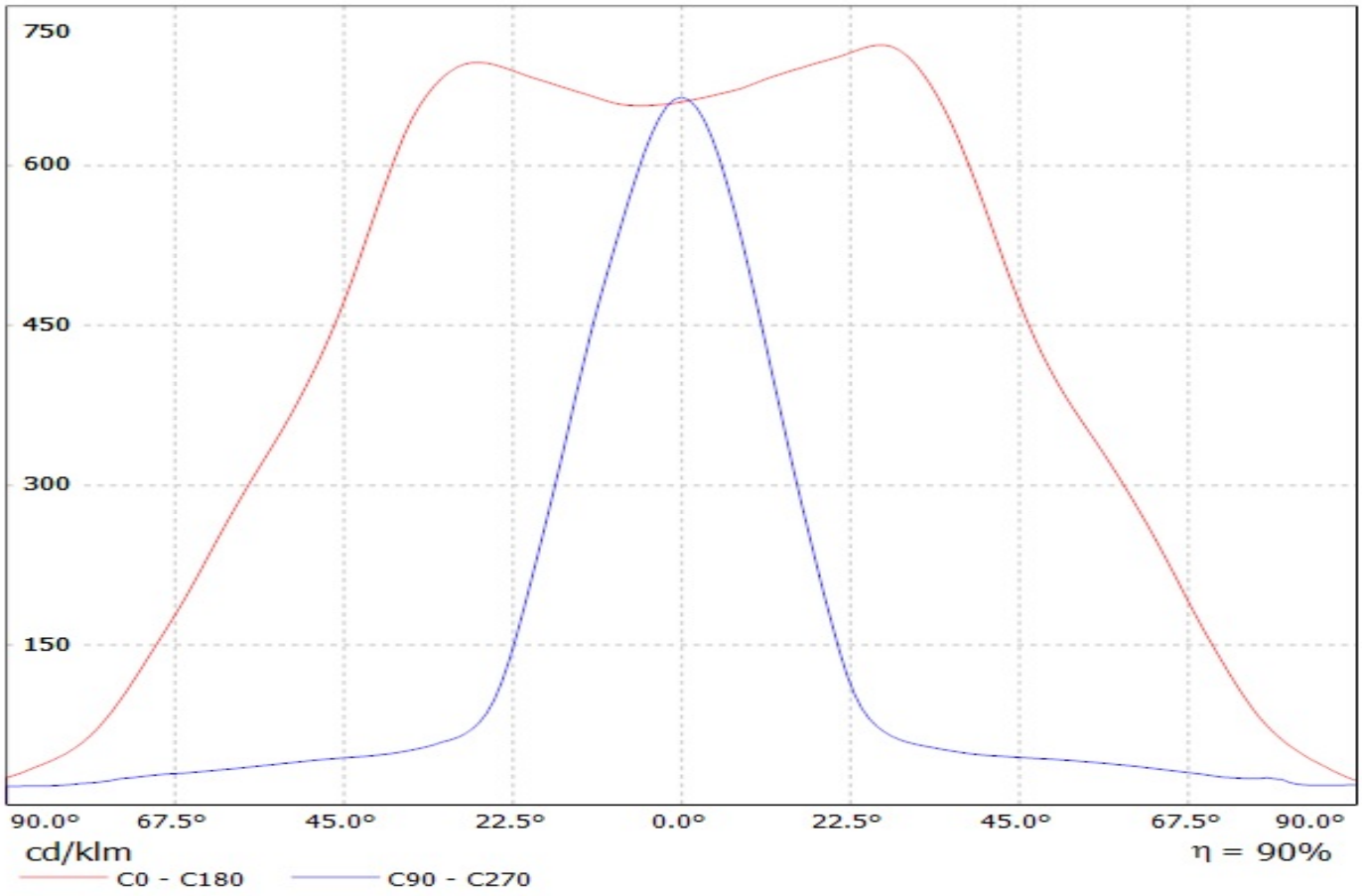
Luminaire: Ledil Oy C13015_FLARE-MINI-AD (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



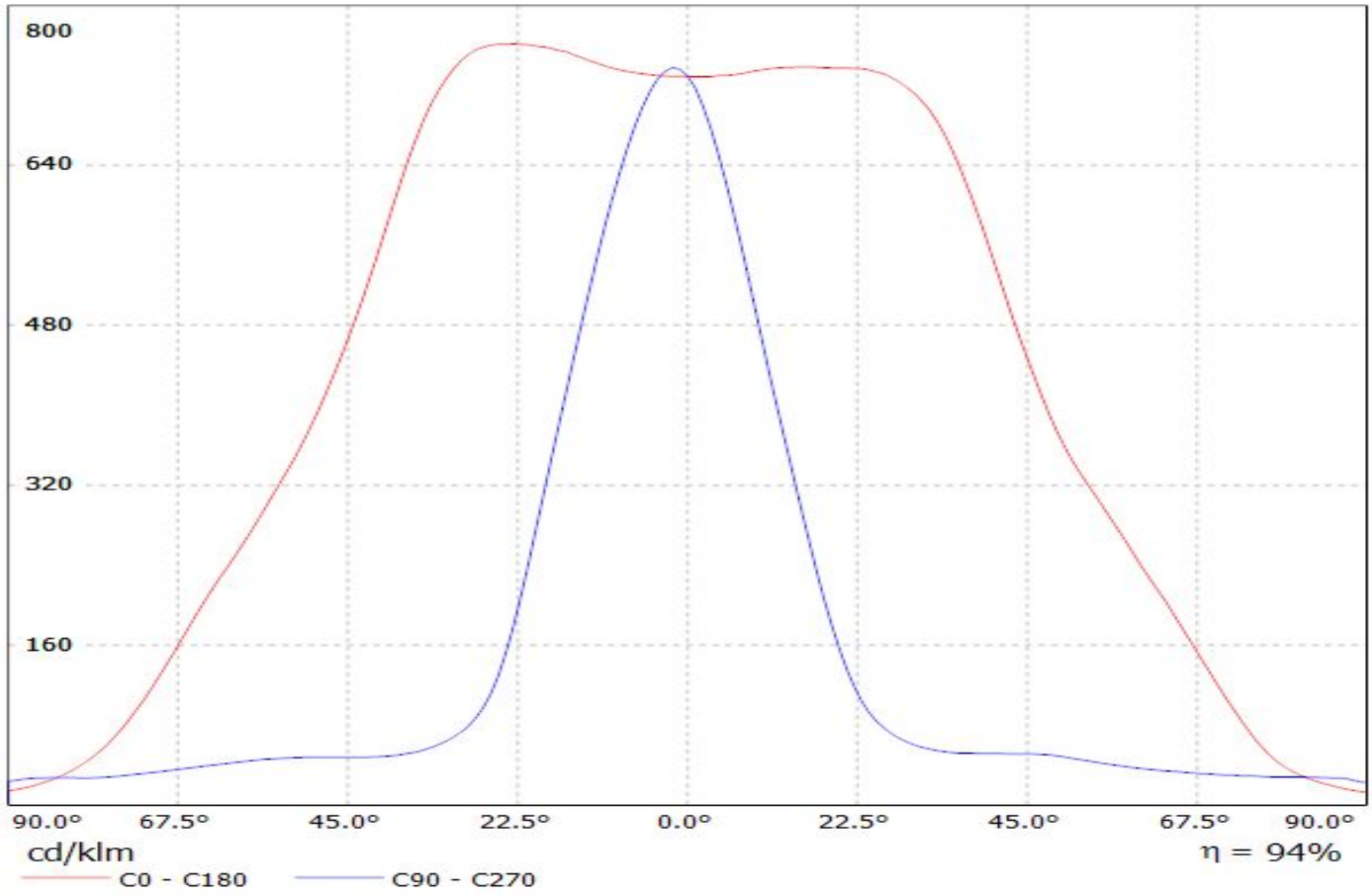
Luminaire: Ledil Oy C13015_FLARE-MINI-AD (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



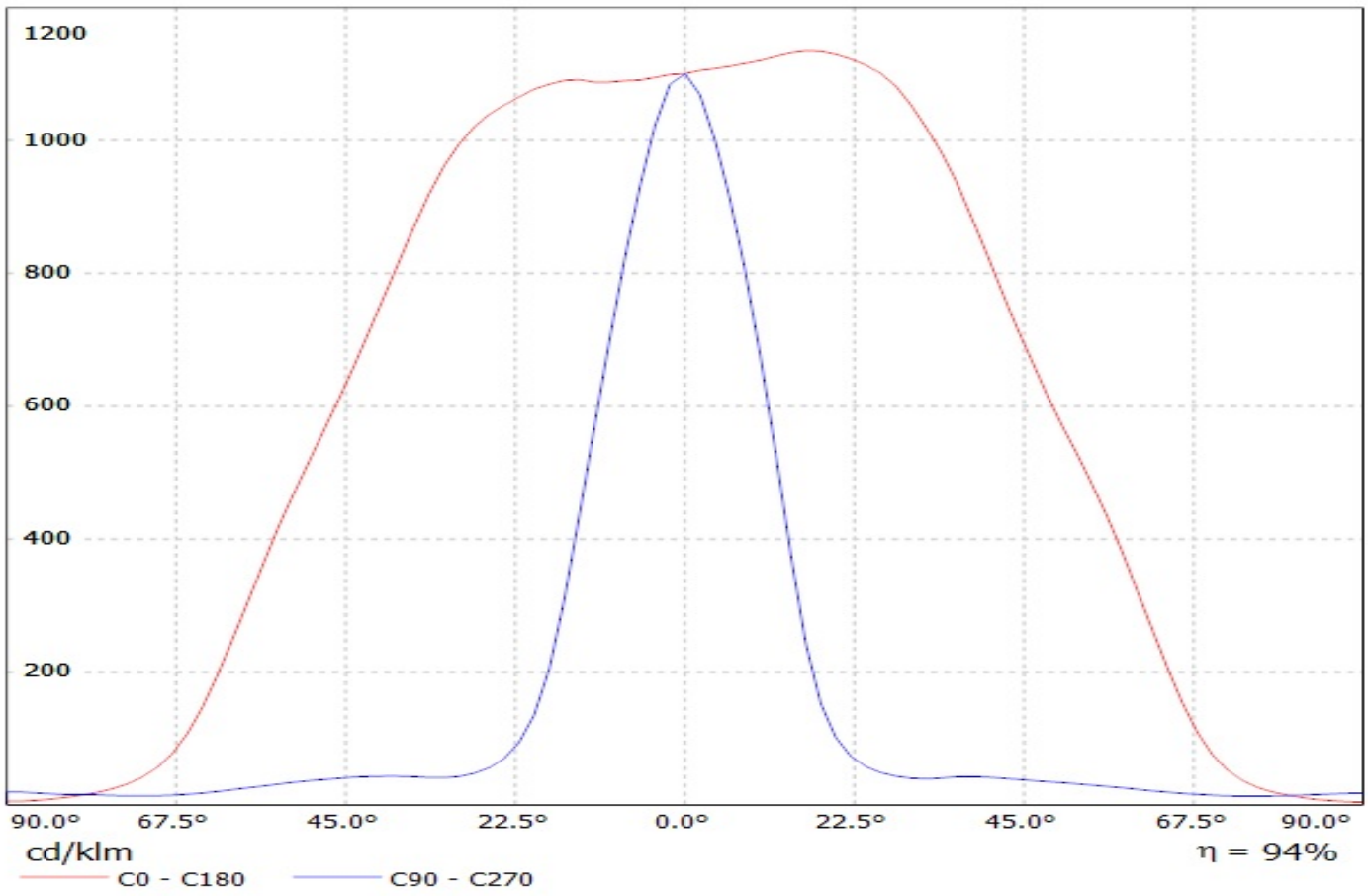
Luminaire: LEDiL Oy C13015_FLARE-MINI-AD_(XP-L)
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



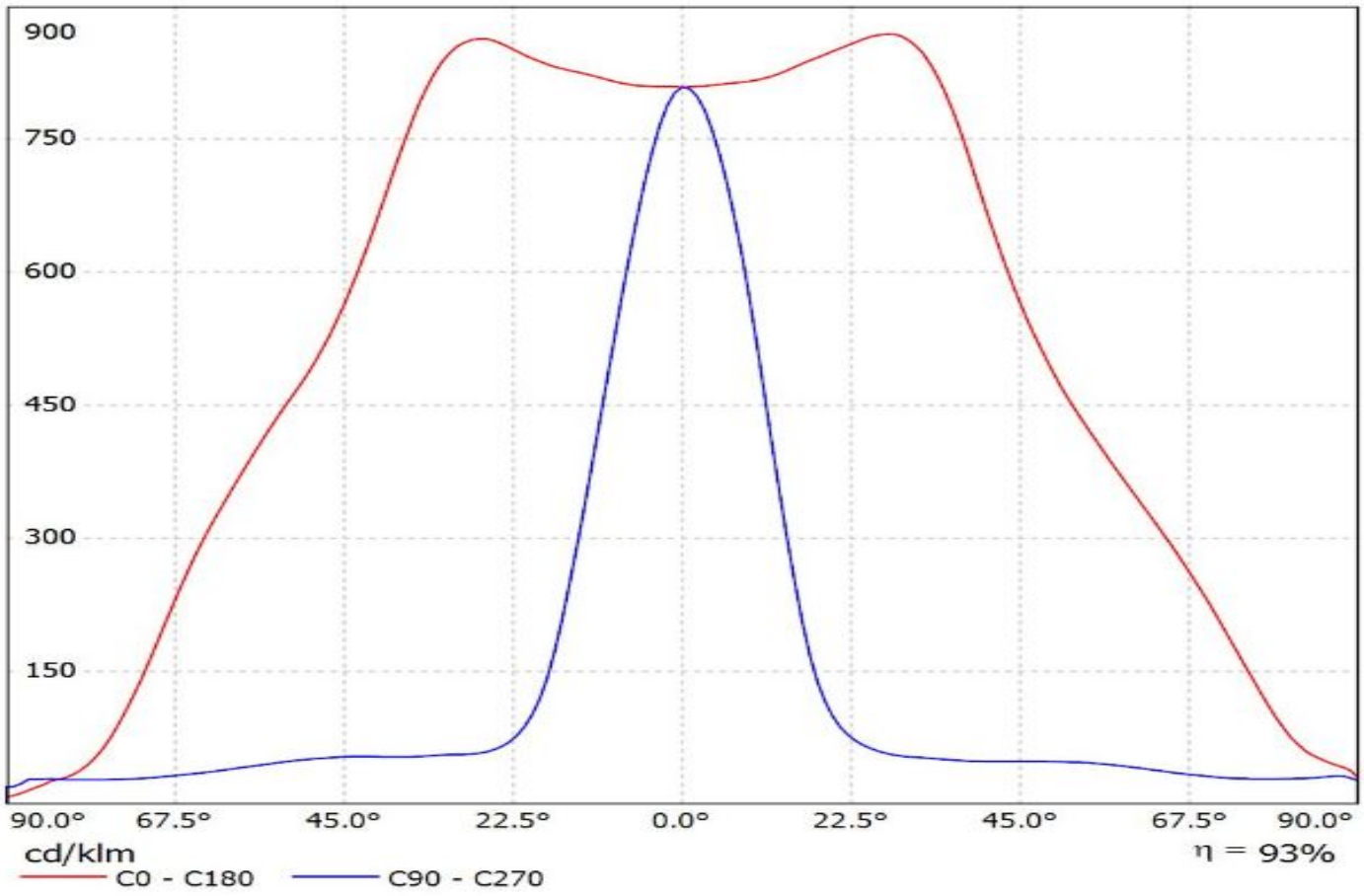
Luminaire: Ledil C13015_FLARE-MINI-AD_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A



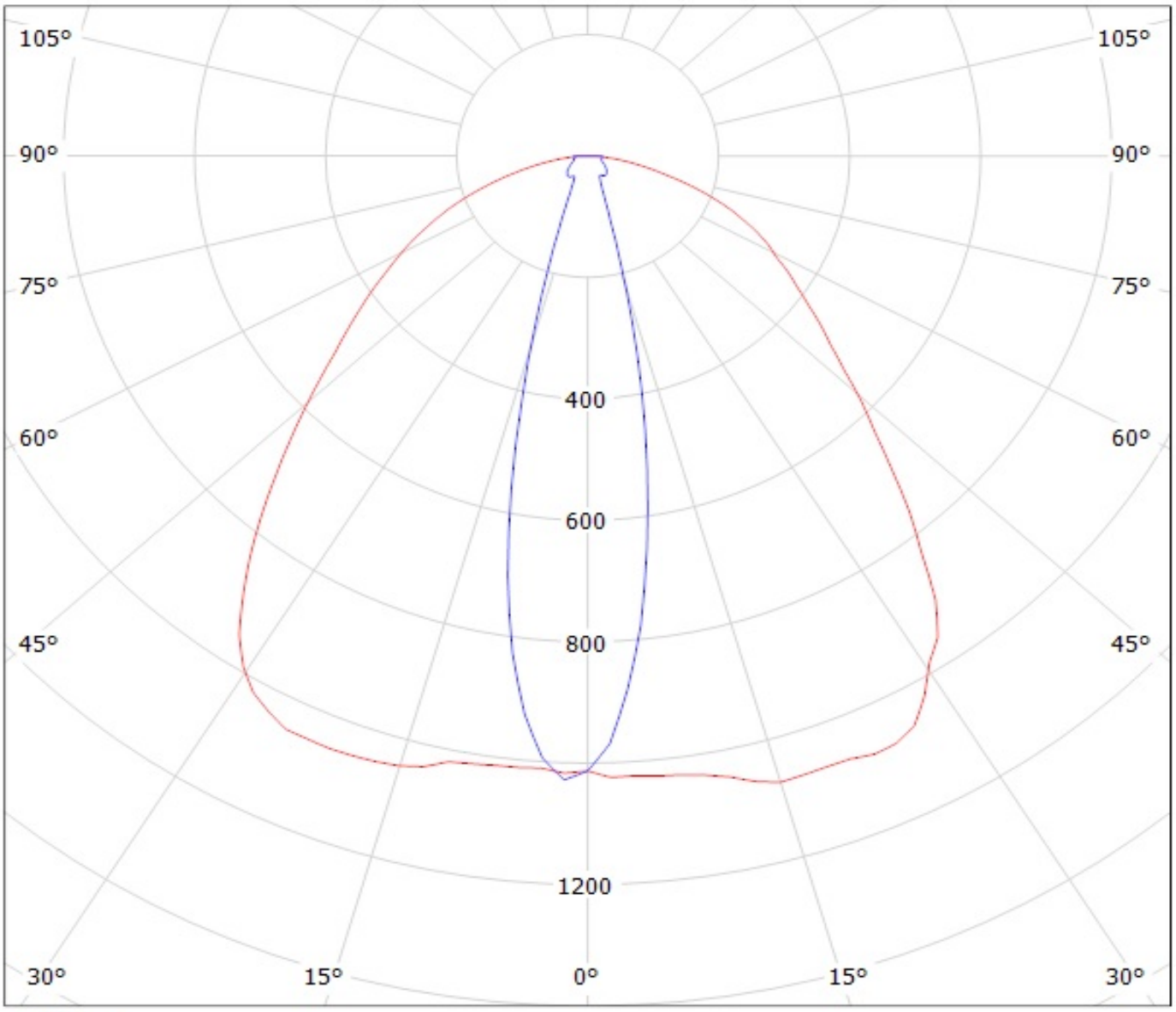
Luminaire: LEDil Oy C13015_FLARE-MINI-AD_(LH351Z)
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



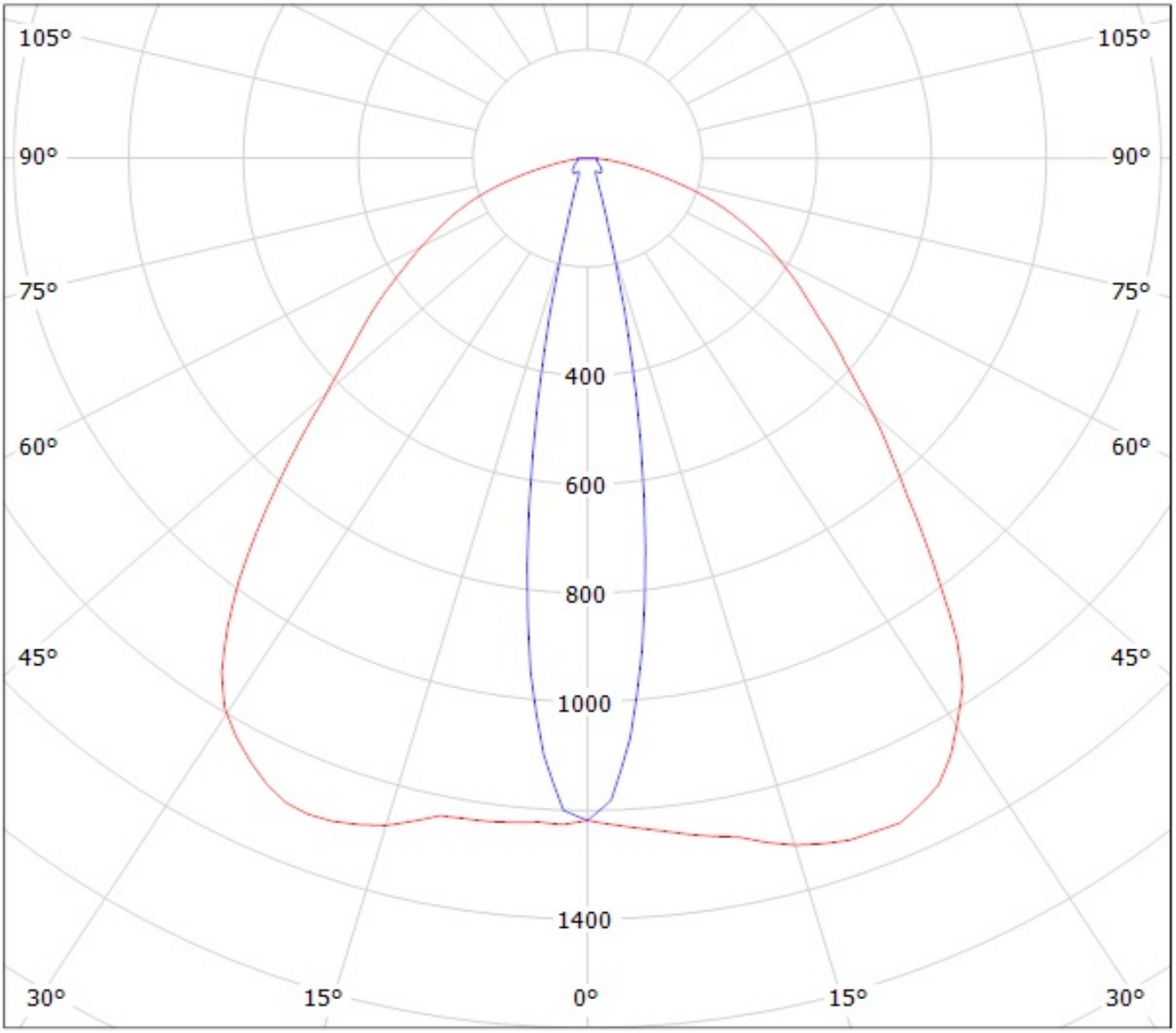
Luminaire: Ledil C13015_FLARE-MINI-AD_(Z8Y22P)
Lamps: 1 x Seoul_Z8Y22P_(W6E2G)_129.545lm@250mA_P=0.711175W_I=0.25A



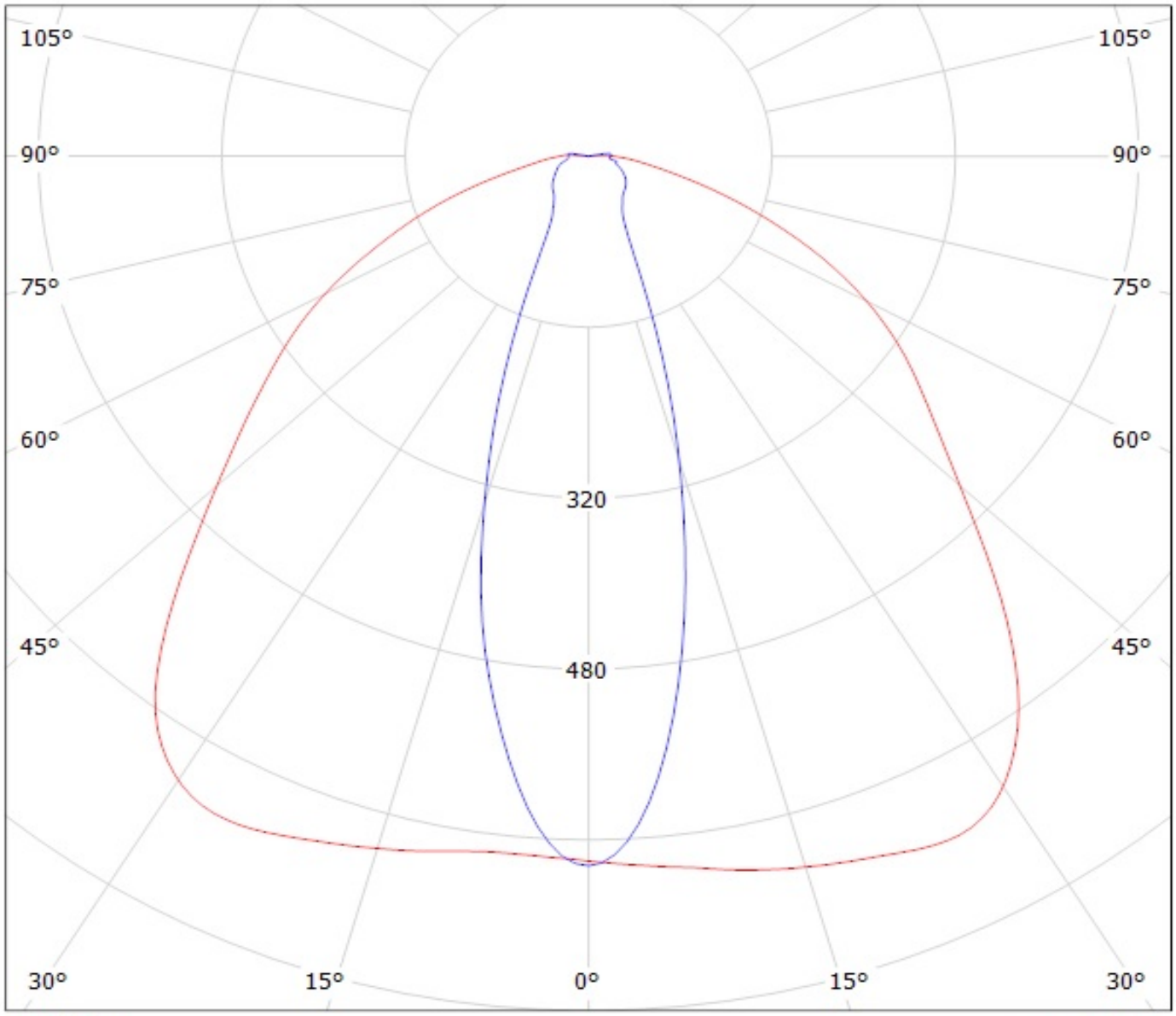
Luminaire: Ledil Oy C13015_FLARE-MINI-AD (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



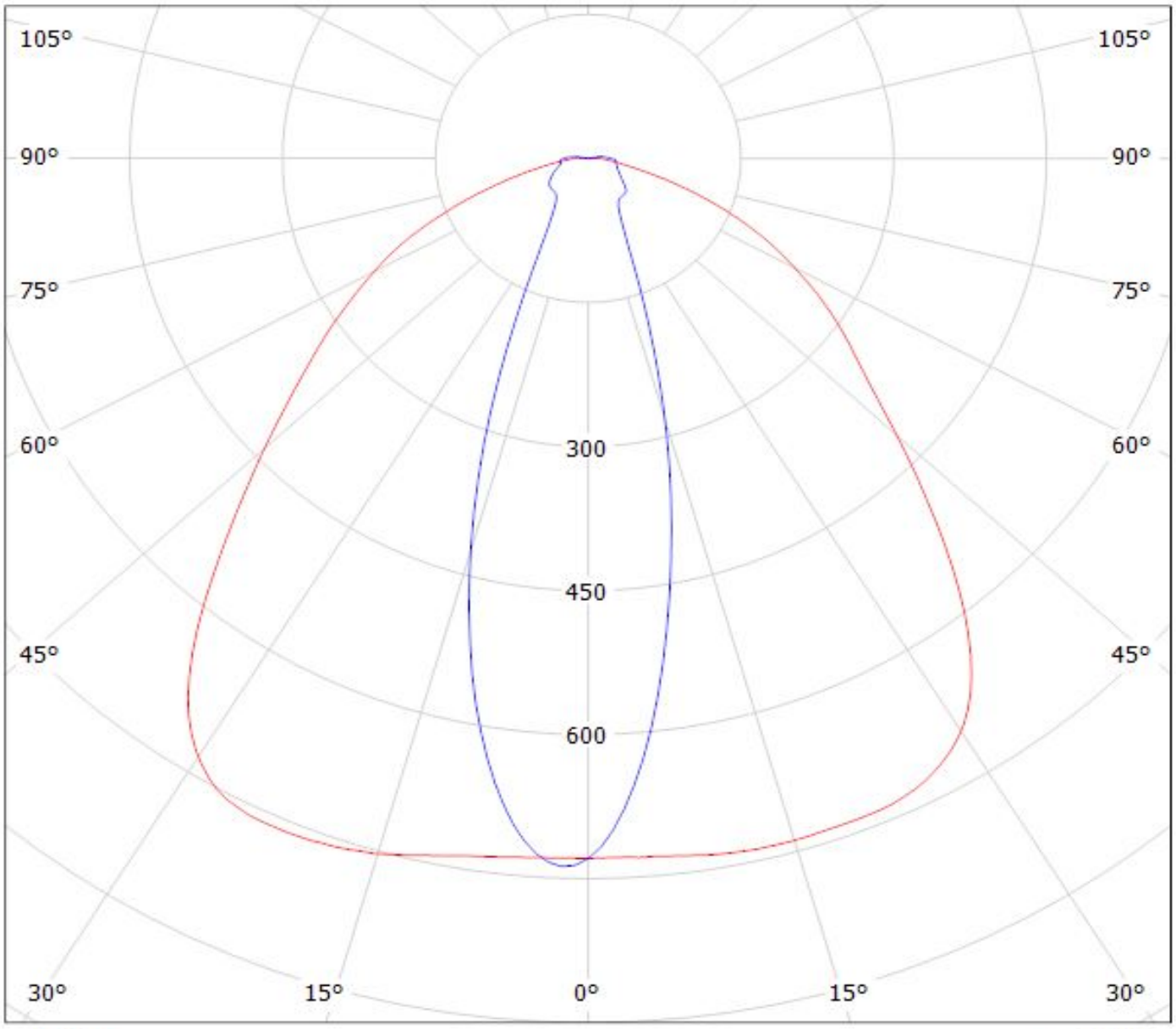
Luminaire: Ledil Oy C13015_FLARE-MINI-AD (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



Luminaire: LEDiL Oy C13015_FLARE-MINI-AD_(XP-L)
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



Luminaire: Ledil C13015_FLARE-MINI-AD_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A

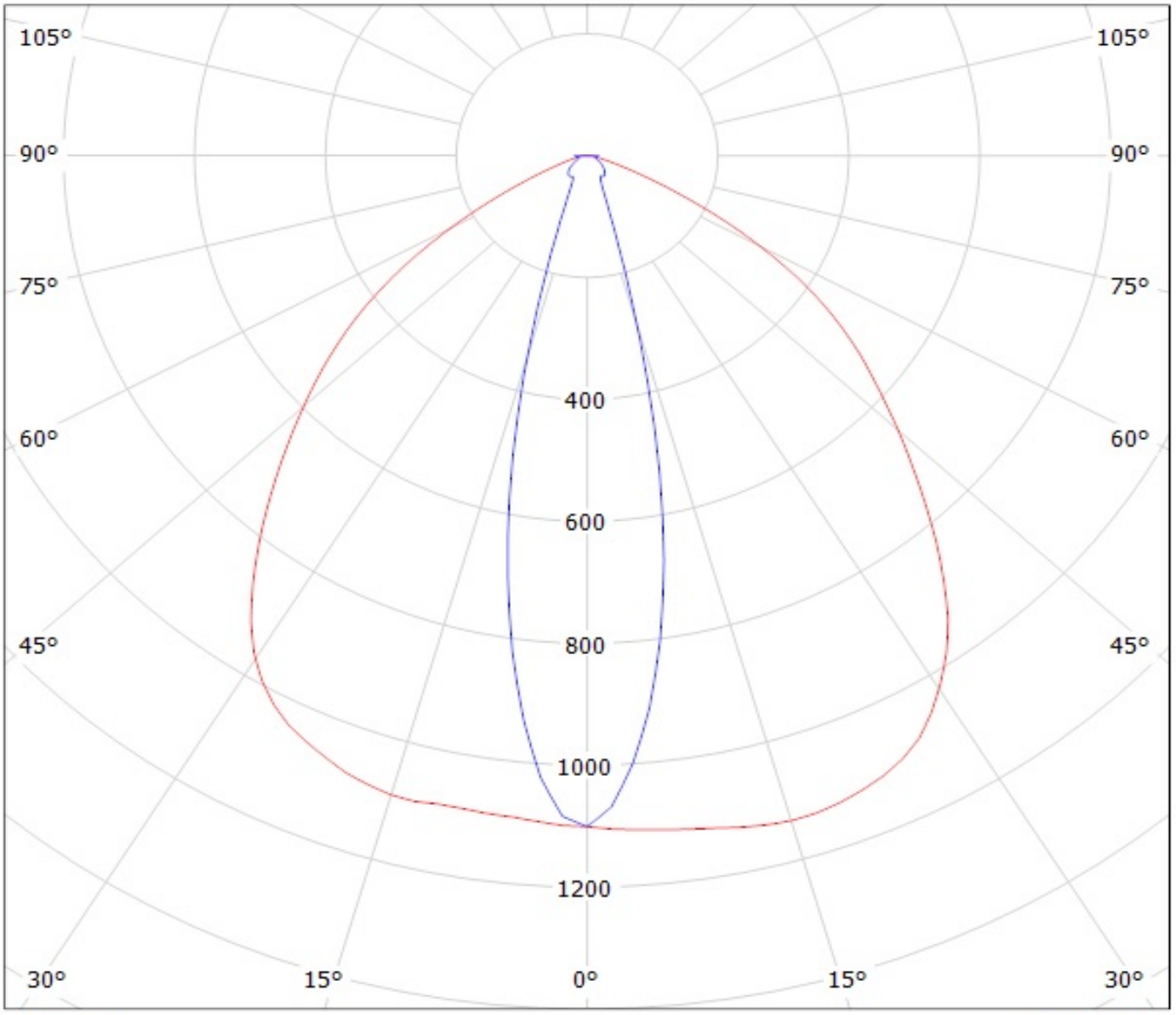


cd/klm

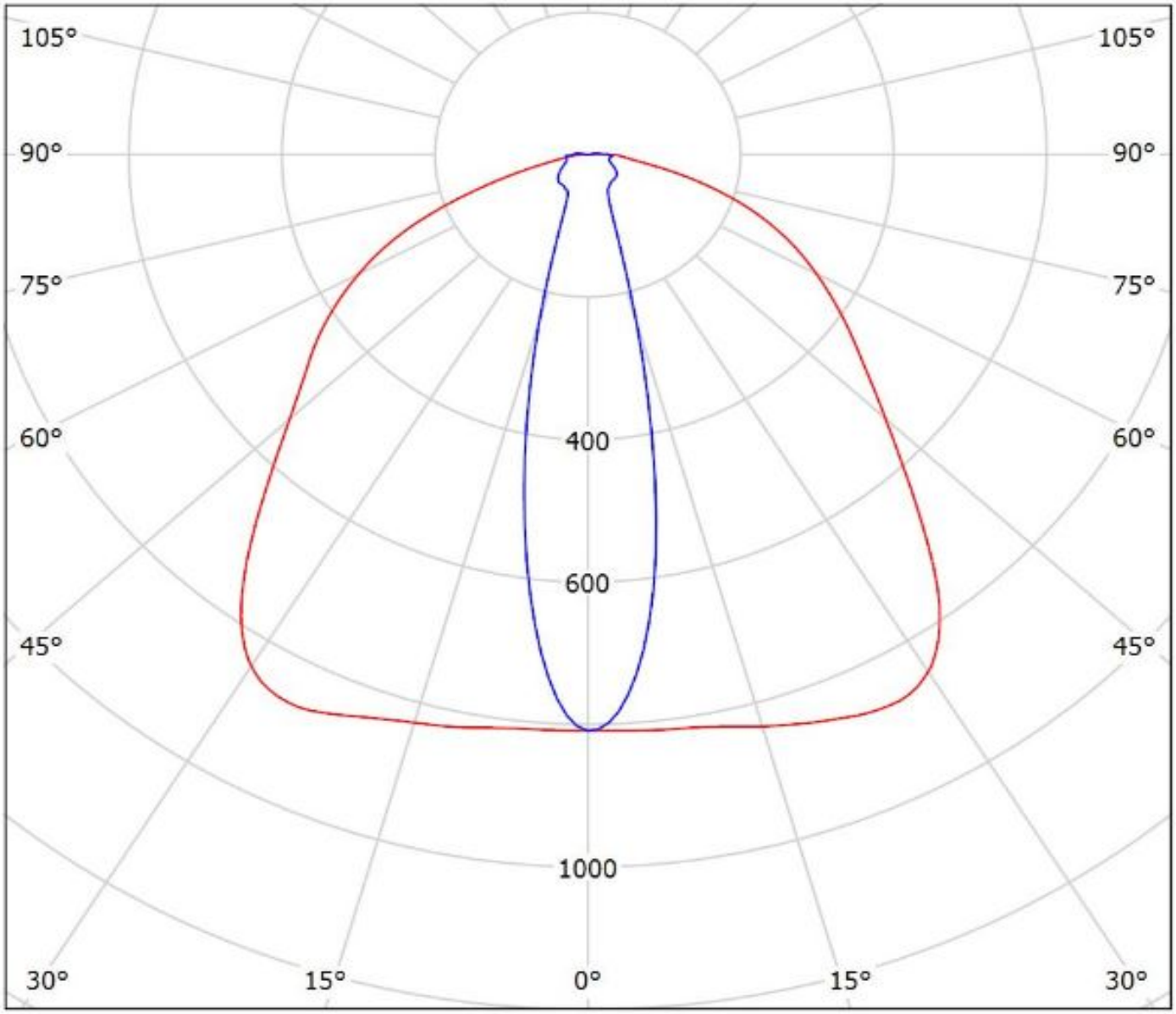
η = 94%

C0 - C180 C90 - C270

Luminaire: LEDil Oy C13015_FLARE-MINI-AD_(LH351Z)
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



Luminaire: Ledil C13015_FLARE-MINI-AD_(Z8Y22P)
Lamps: 1 x Seoul_Z8Y22P_(W6E2G)_129.545lm@250mA_P=0.711175W_I=0.25A



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.