

## DETAILS

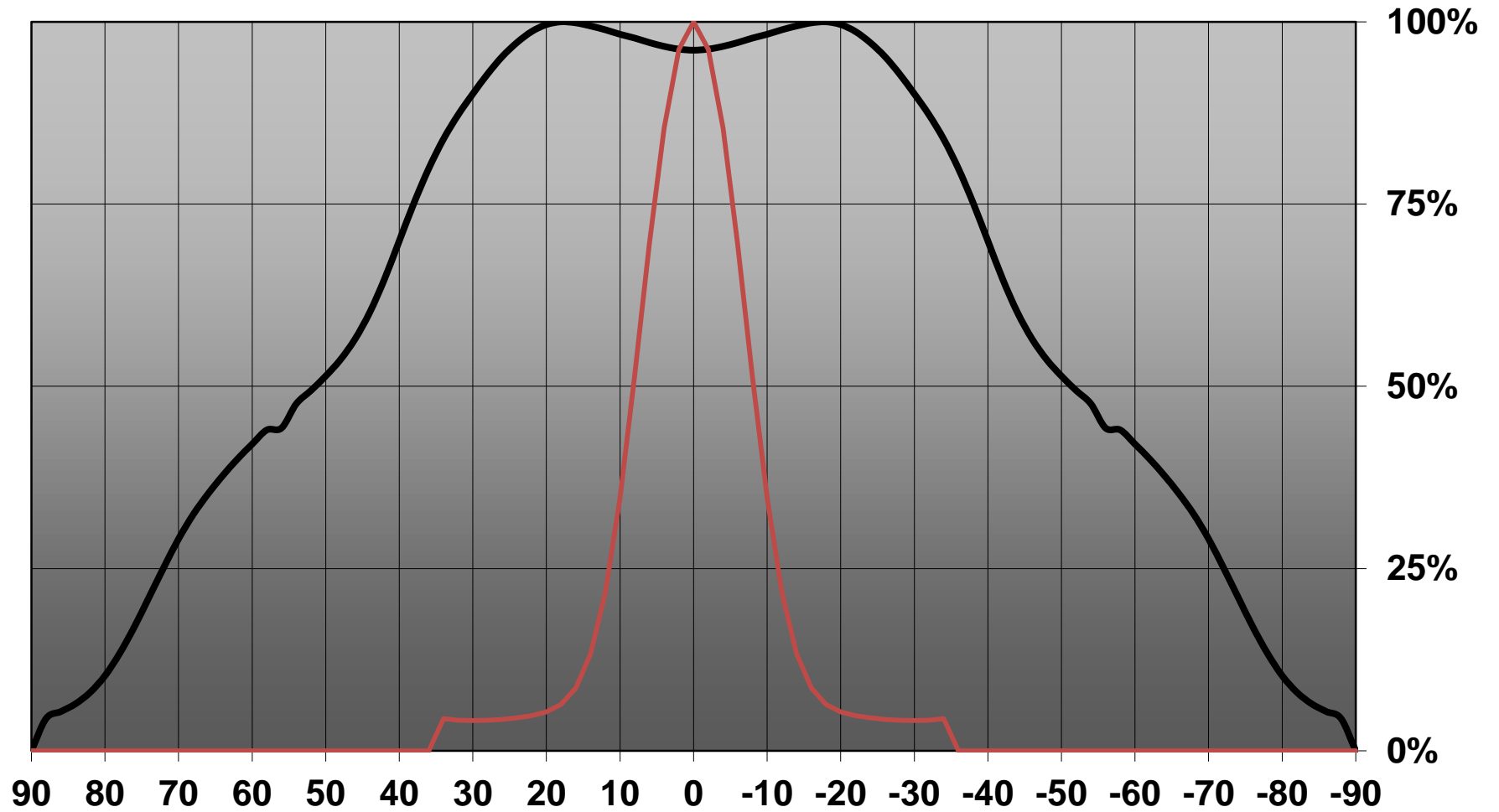
<b>Product Number</b>	C13015_FLARE-MINI-AD
<b>Family</b>	Flare
<b>Type</b>	Lens
<b>Color</b>	clear
<b>Diameter</b>	16 mm
<b>Height</b>	8,6 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated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



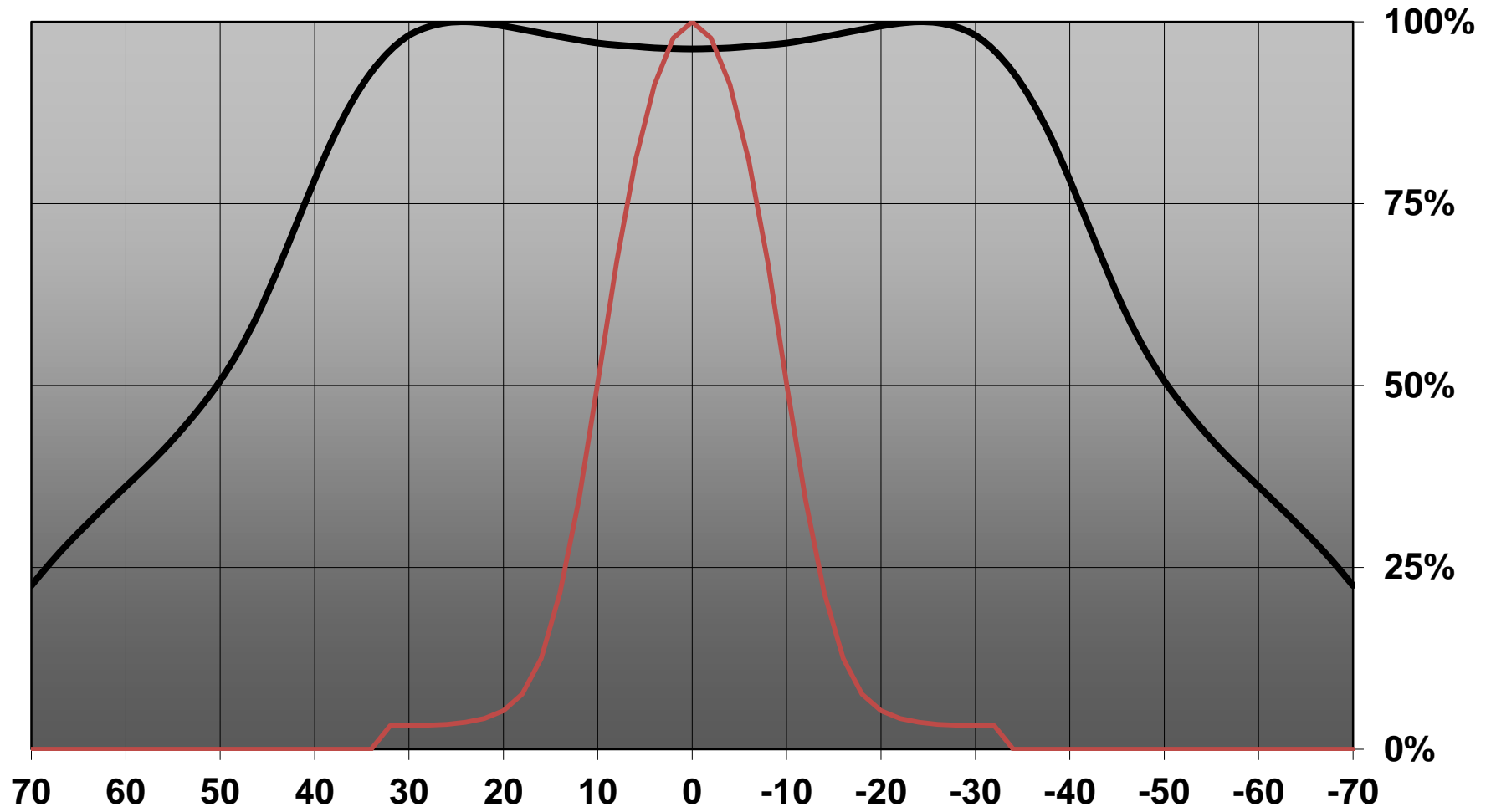
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	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	-

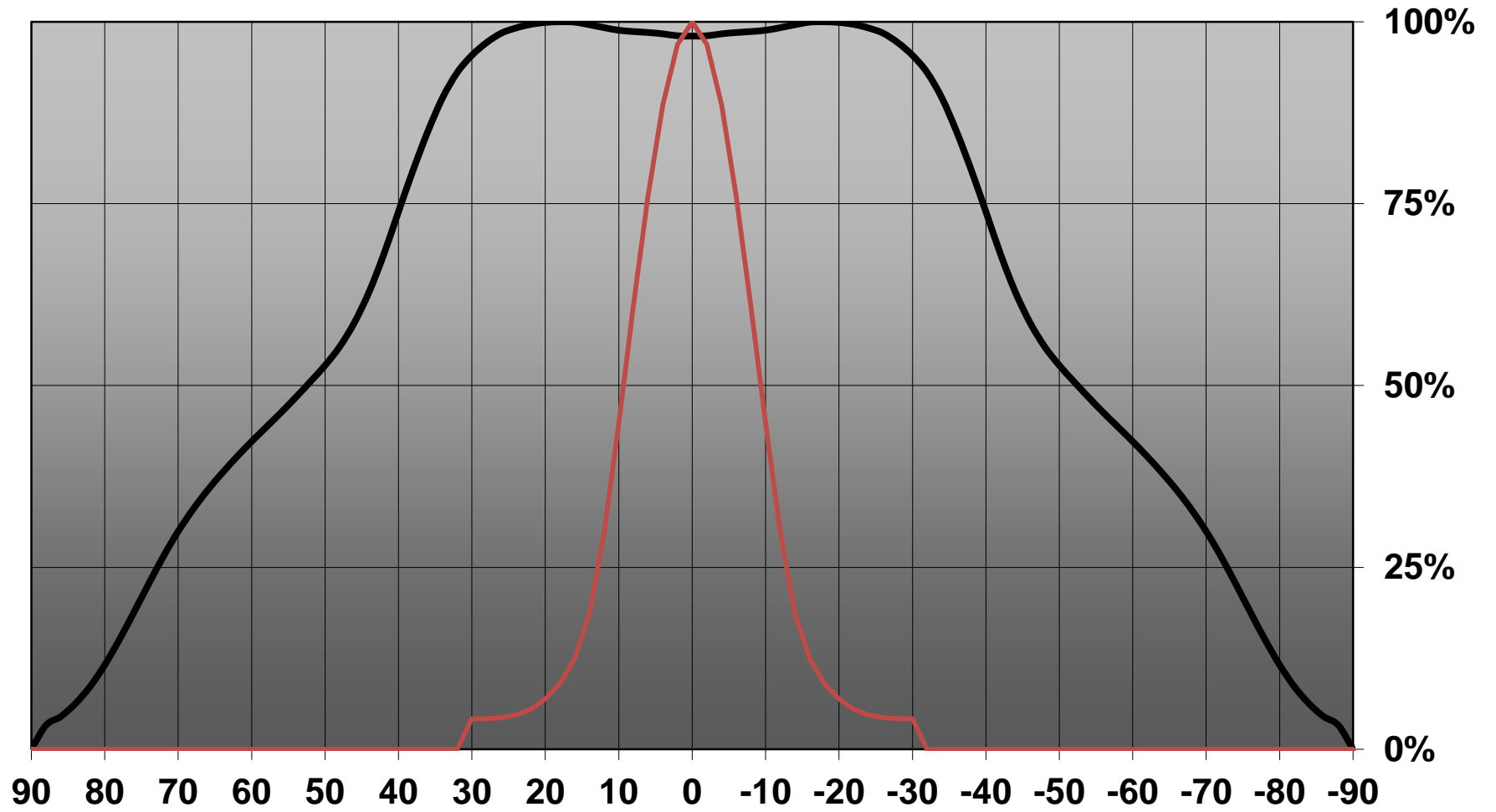
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-XBD



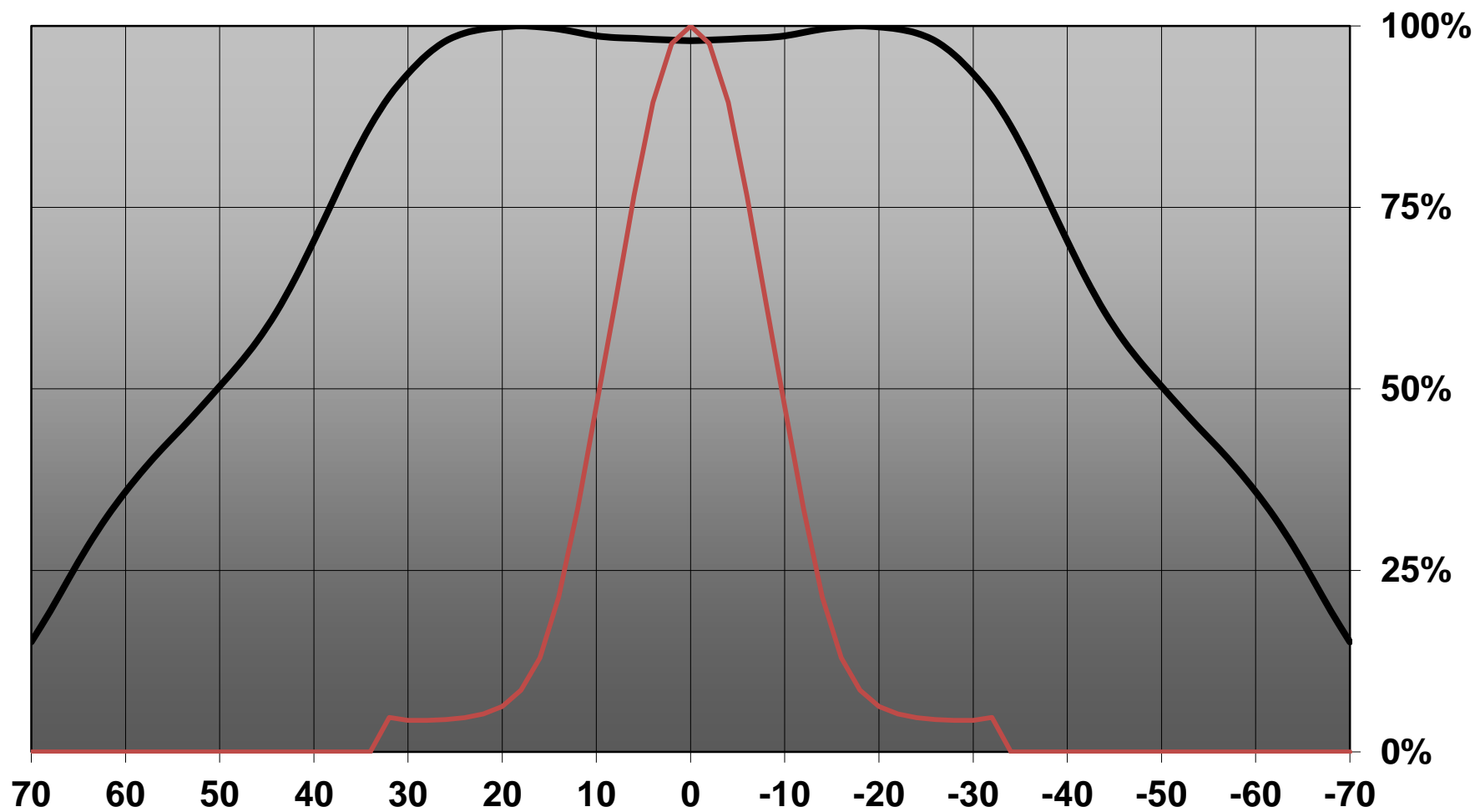
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-XPG



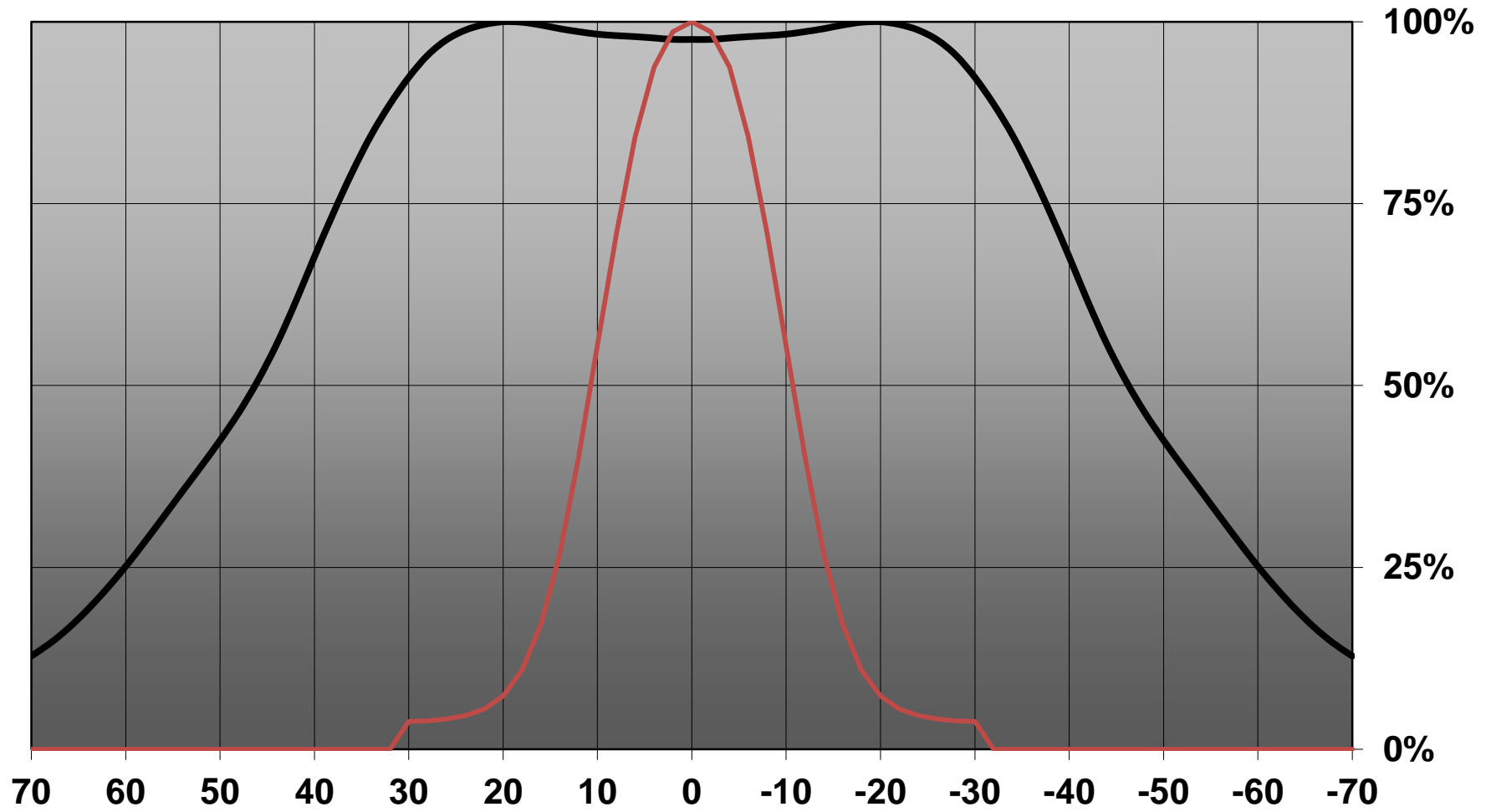
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-XTE



Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-NVS19



Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-SQEC



D

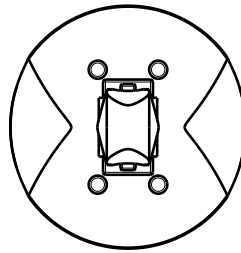
C

B

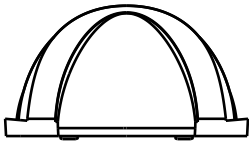
A

4

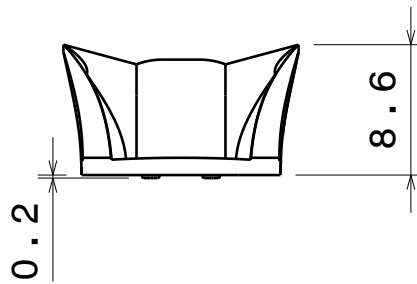
4



Bottom view



Right view



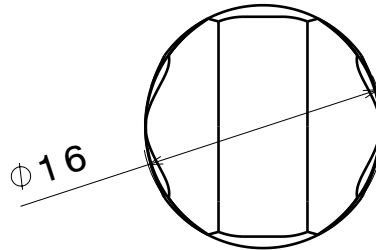
Front view

3

3

2

2



Top view

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWING TITLE

Datasheet FLARE-MINI

DRAWN BY

as

DATE

1.8.2012

CHECKED BY

sn

DATE

1.8.2012

DESIGNED BY

pl

DATE

27.2.2012

SIZE

A4

PART NUMBER

SCALE

2:1

WEIGHT

REV

001

SHEET

1/1

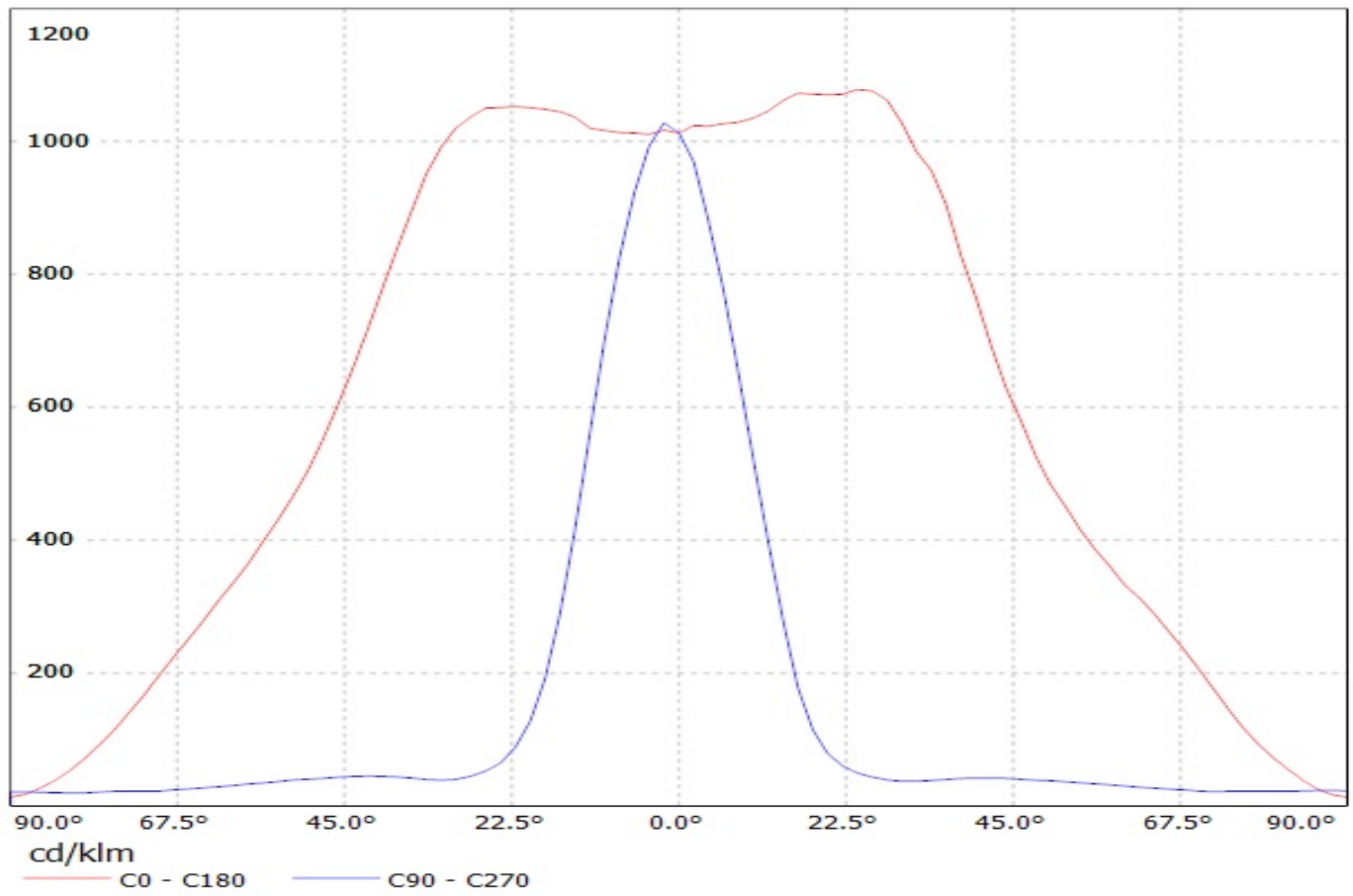
1

1

D

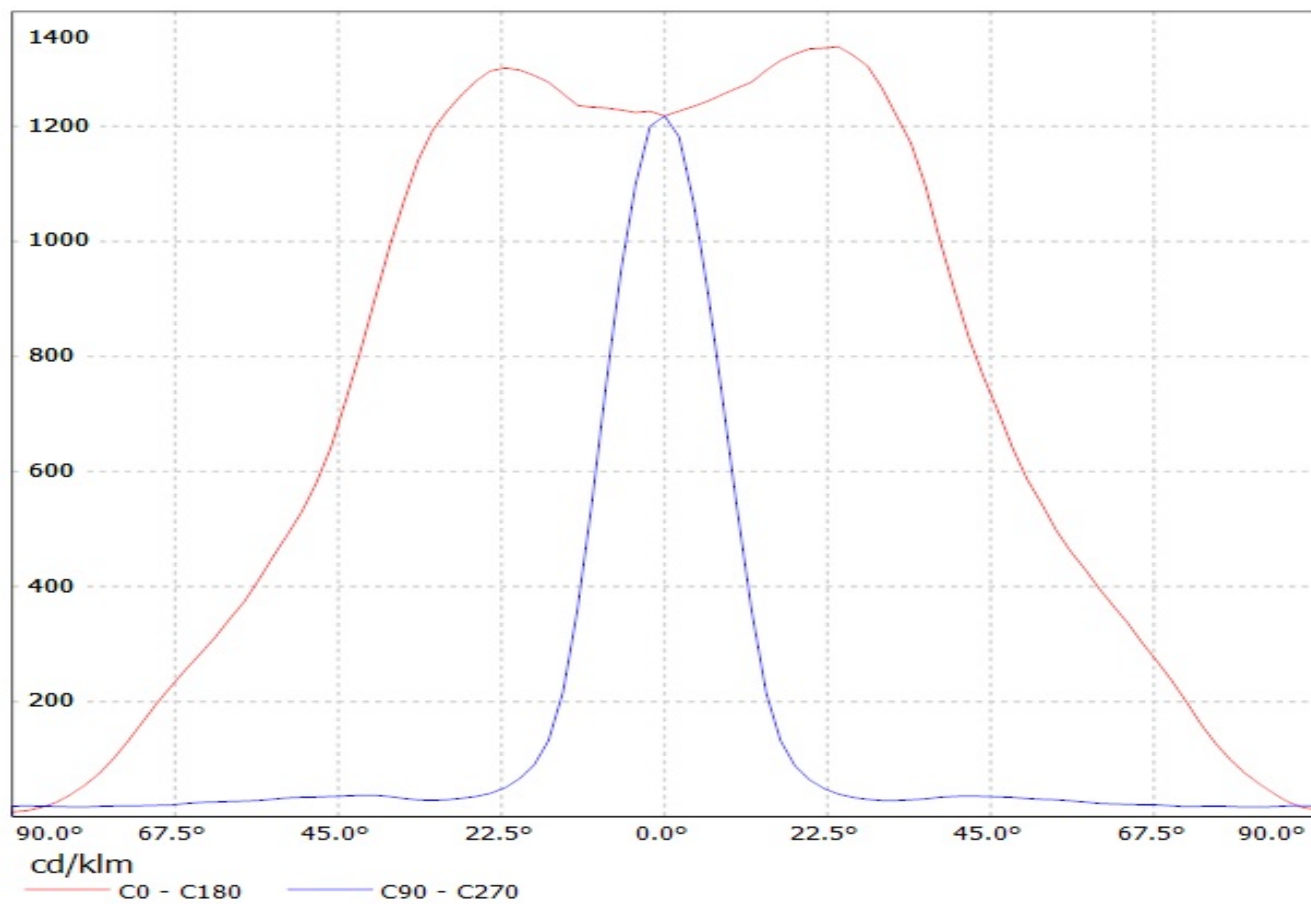
A

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)

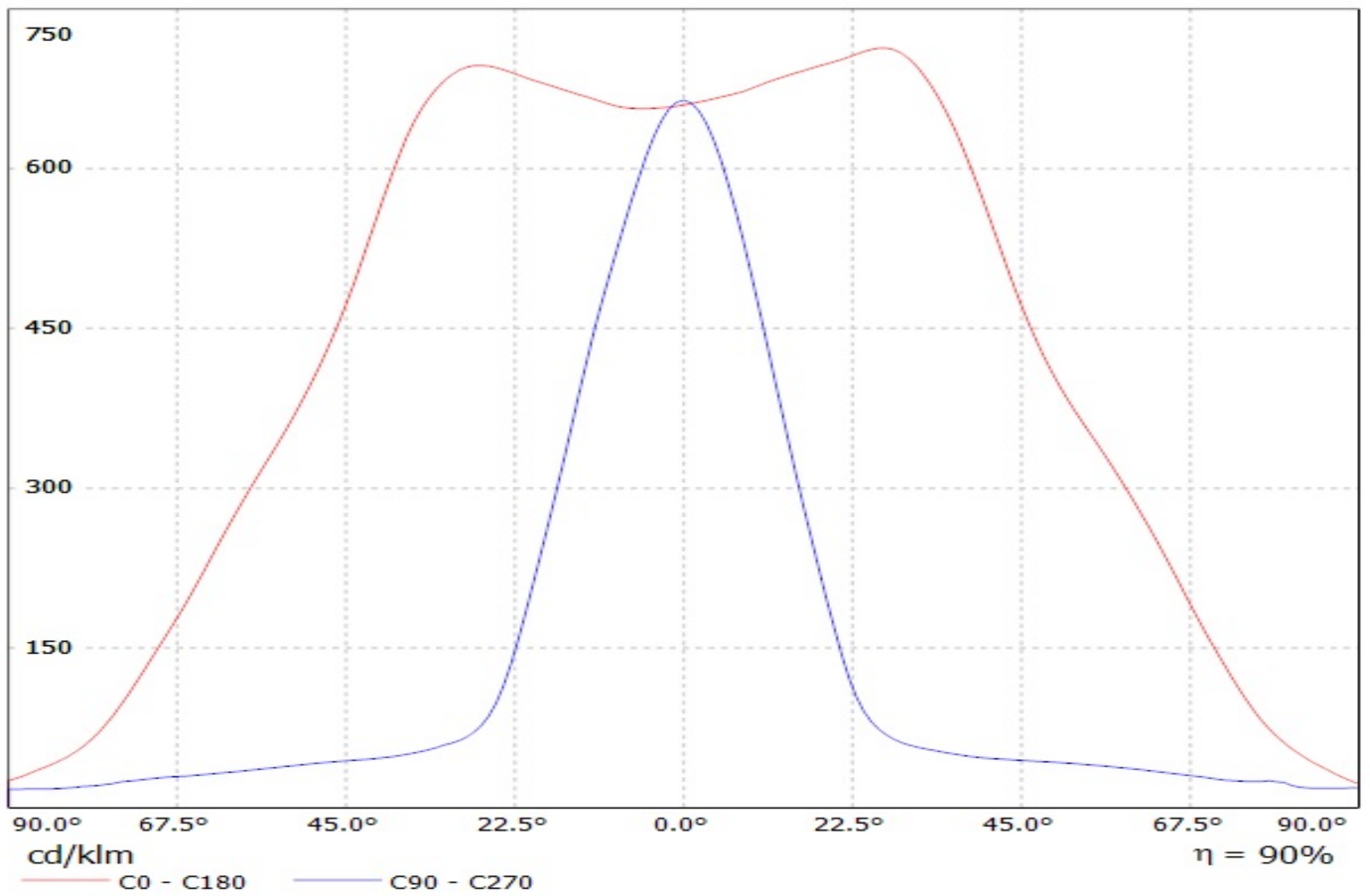




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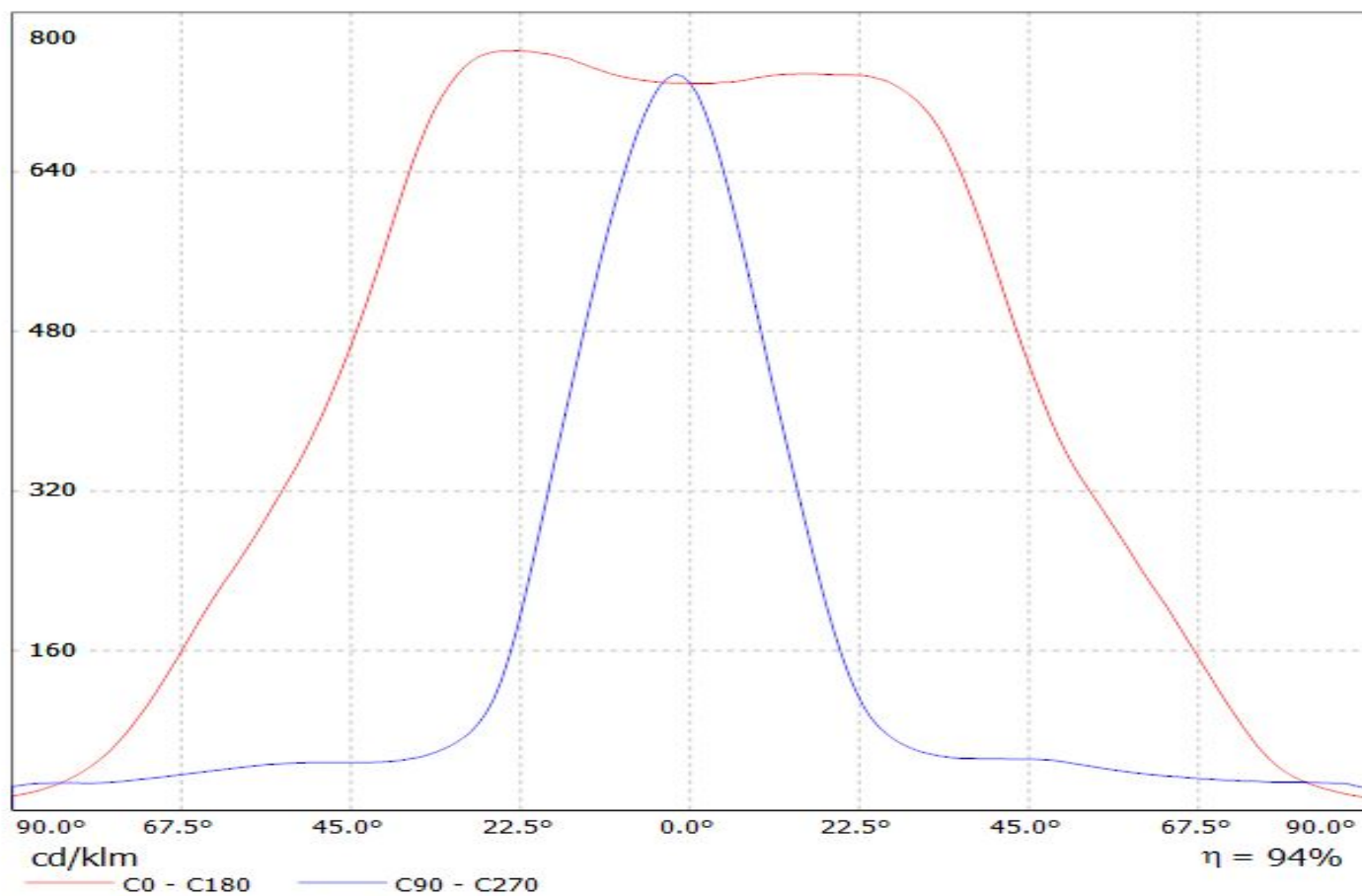


Luminaire: LEDiL Oy C13015\_FLARE-MINI-AD\_(XP-L)  
Lamps: 1 x Cree\_XP-L\_127.813lm@250mA\_P=0.73723W\_I=249.9mA



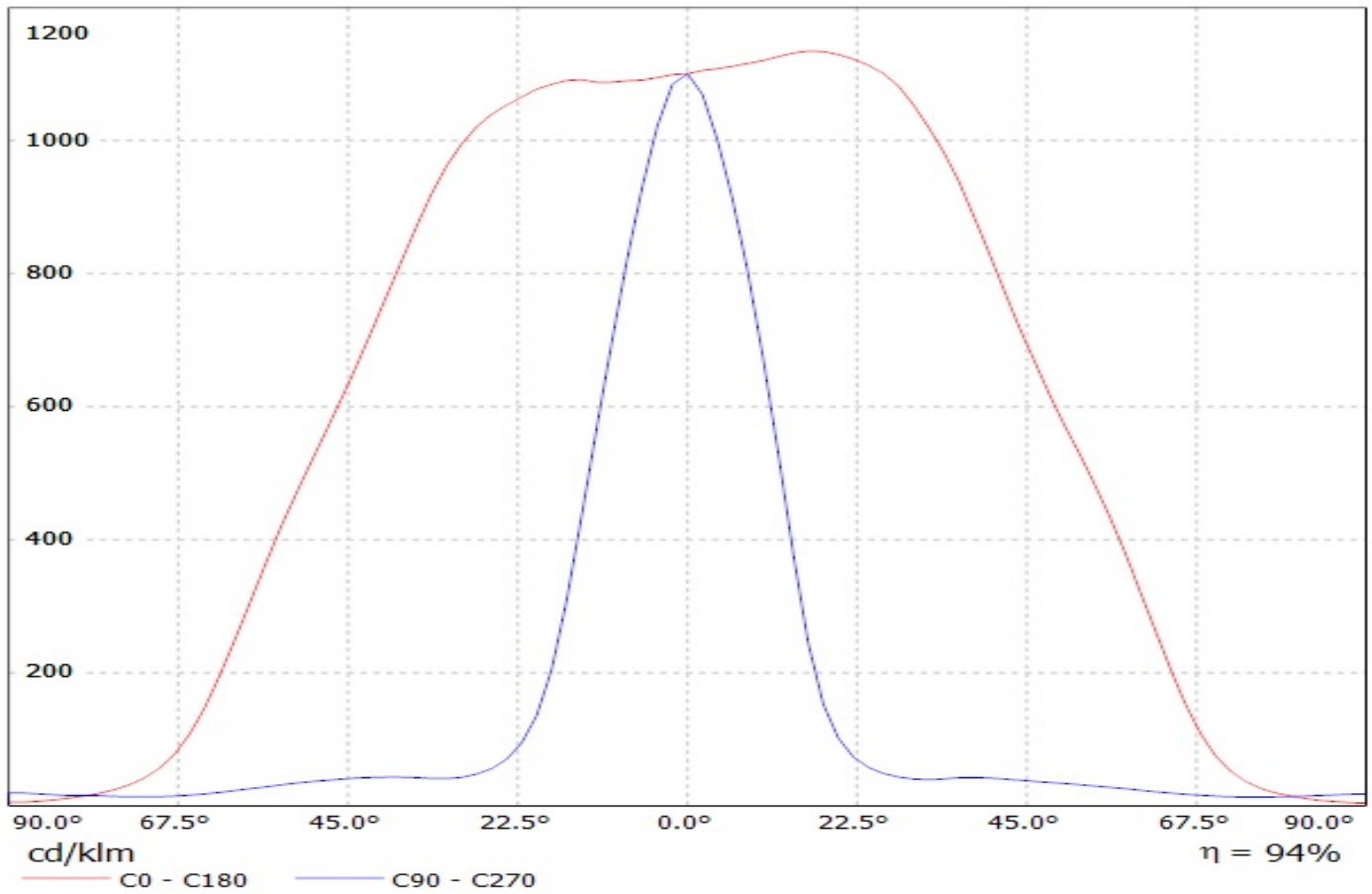
Luminaire: Ledil C13015\_FLARE-MINI-AD\_(XP-L2)

Lamps: 1 x Cree\_XP-L2\_(XPLWT-00-0000-000HU630G)\_115.505lm@250mA\_P=0.72165W\_I=0.25A



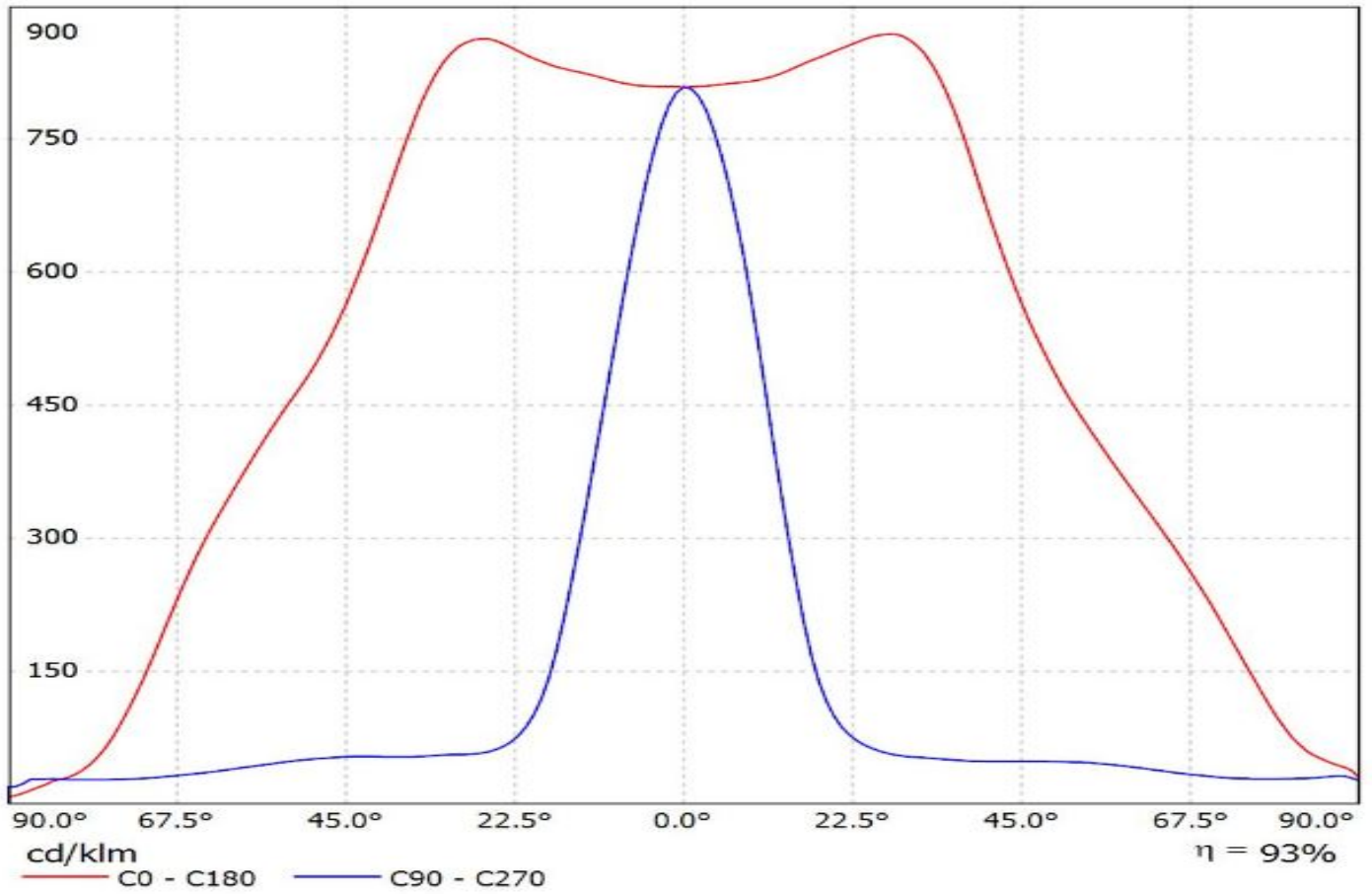
Luminaire: LEDil Oy C13015\_FLARE-MINI-AD\_(LH351Z)

Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA

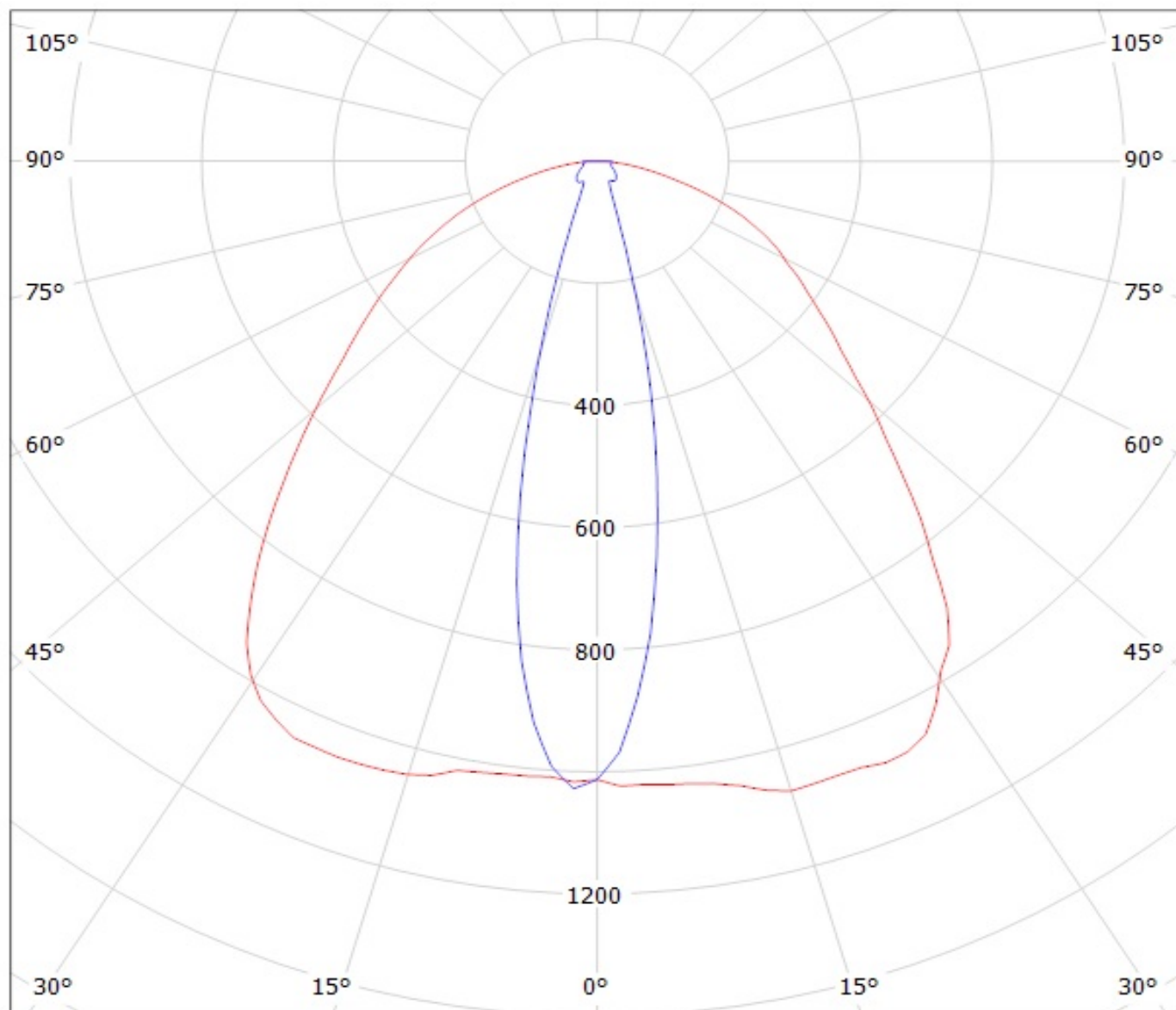


Luminaire: Ledil C13015\_FLARE-MINI-AD\_(Z8Y22P)

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)

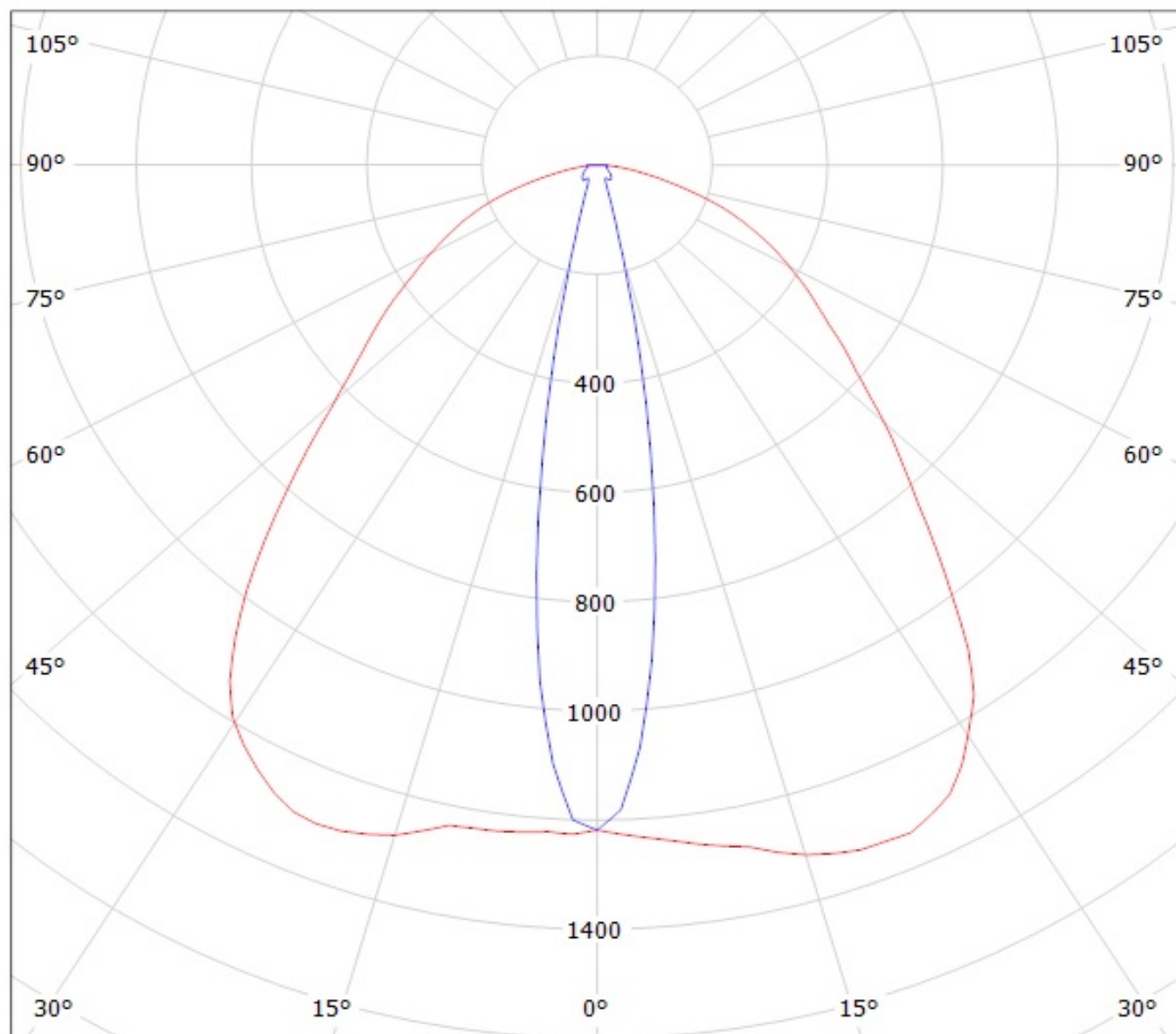


cd/klm

— C0 - C180

— C90 - C270

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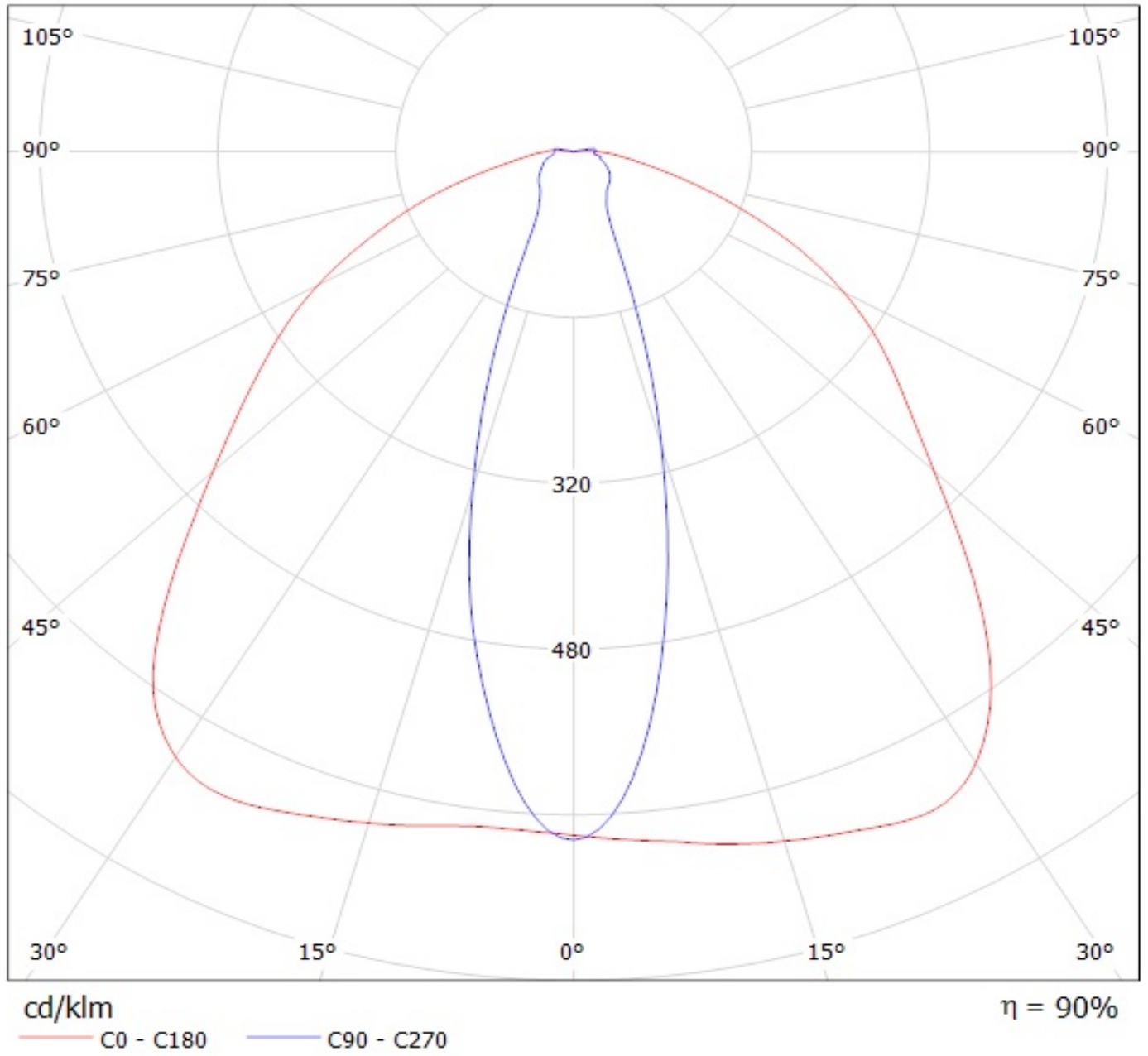


cd/klm

— C0 - C180

— C90 - C270

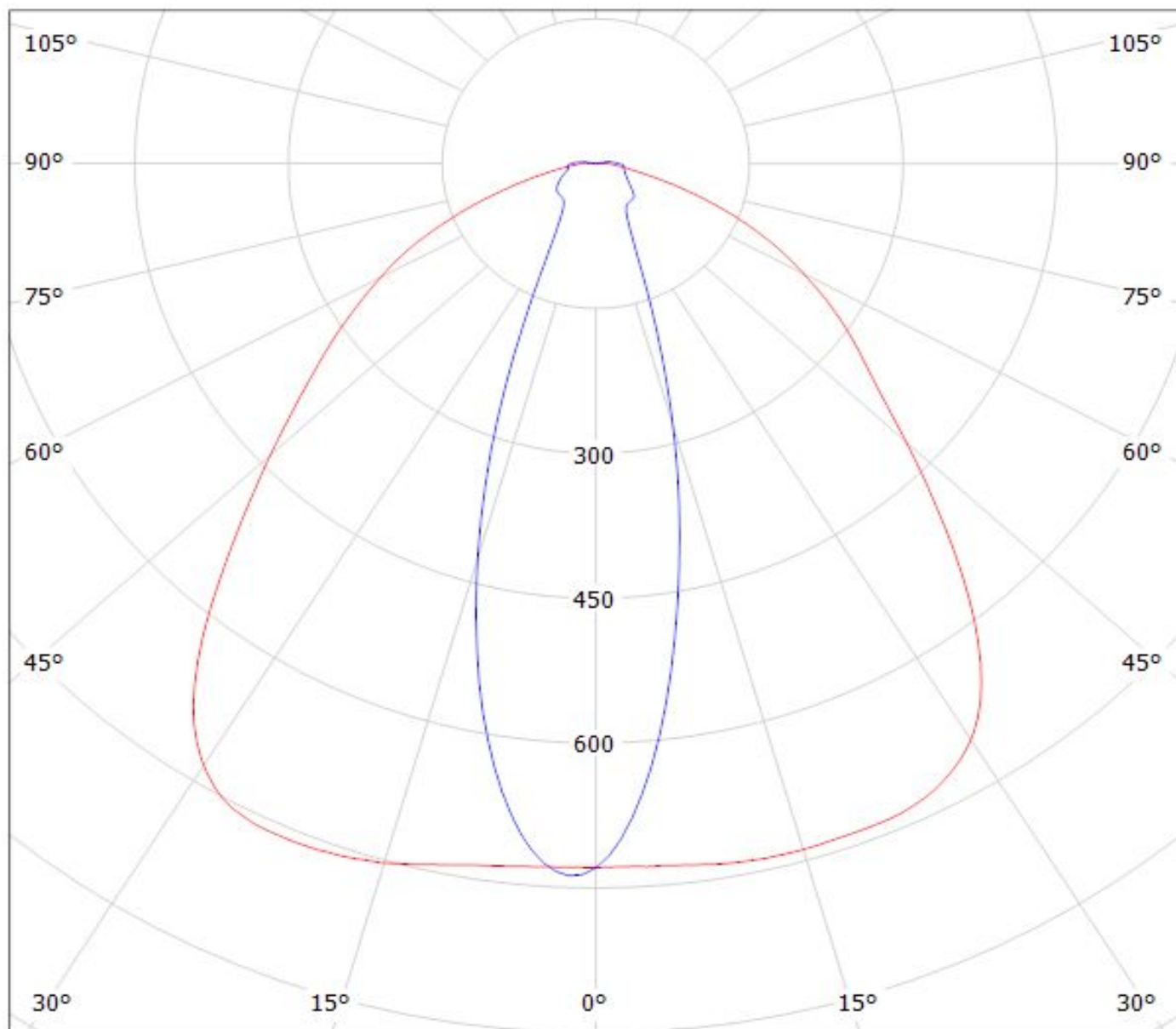
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Lamps: 1 x Cree\_XP-L\_127.813lm@250mA\_P=0.73723W\_I=249.9mA





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Lamps: 1 x Cree\_XP-L2\_(XPLWT-00-0000-000HU630G)\_115.505lm@250mA\_P=0.72165W\_I=0.25A



cd/klm

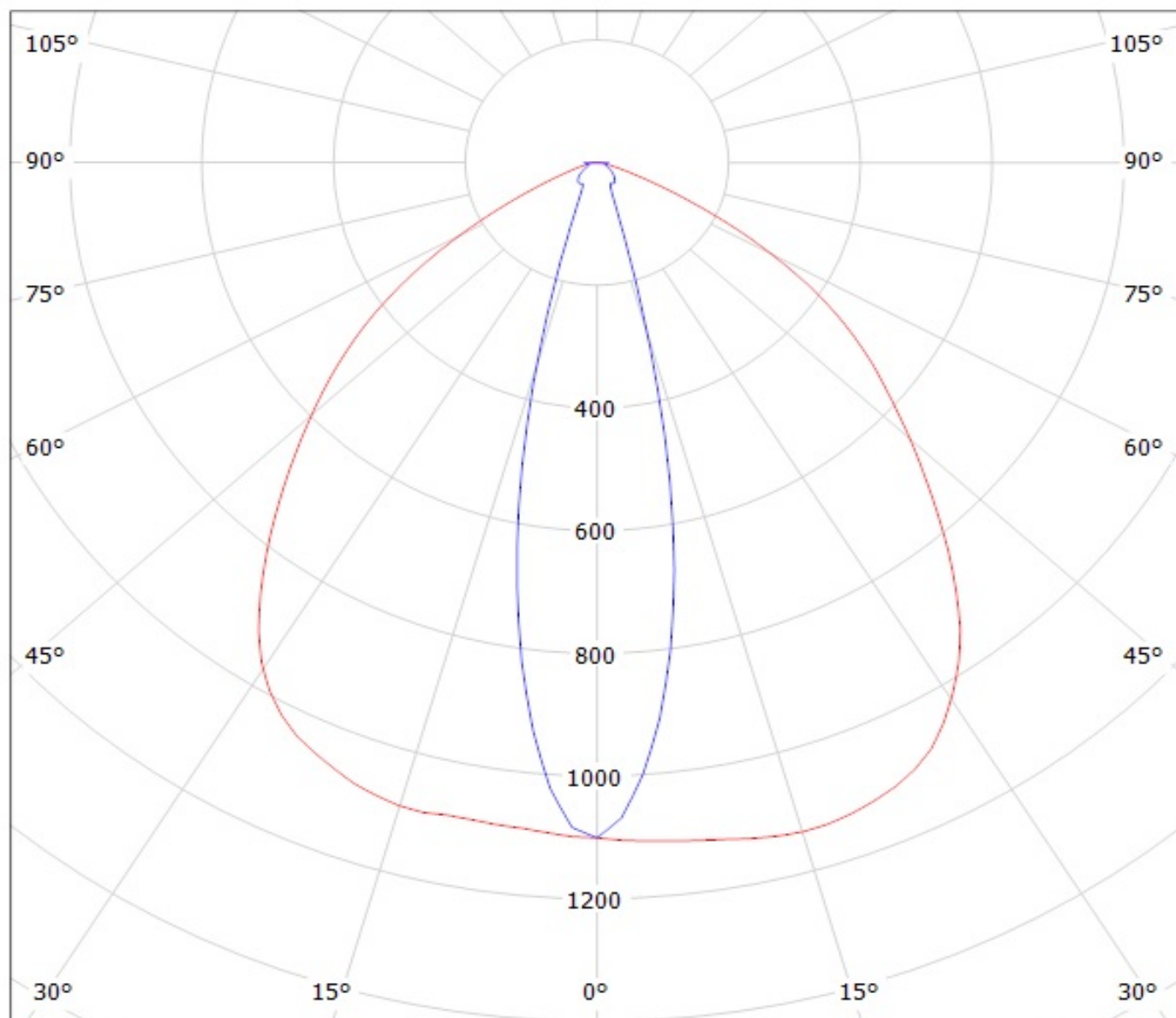
— C0 - C180

— C90 - C270

$\eta = 94\%$

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cd/klm

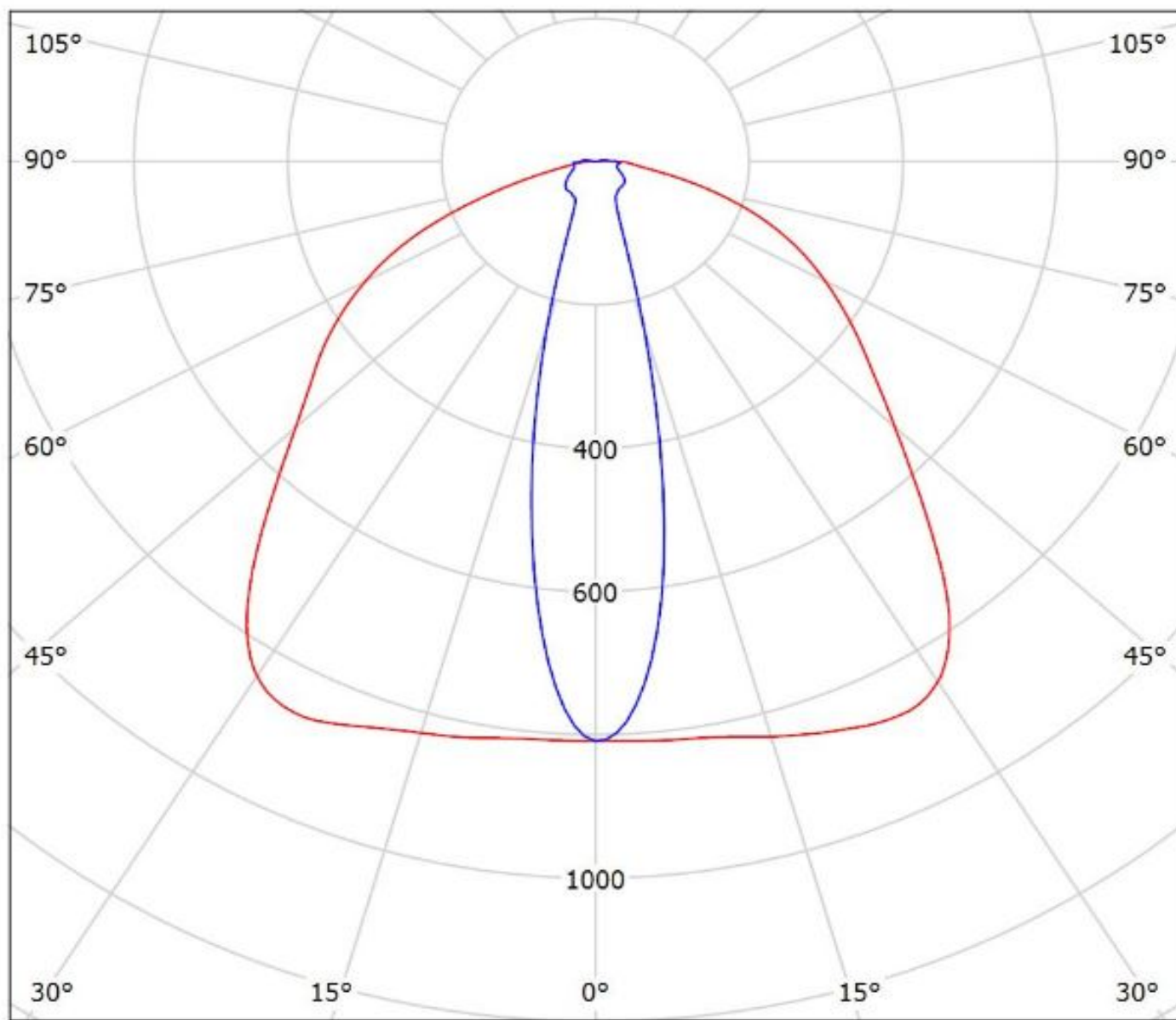
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil C13015\_FLARE-MINI-AD\_(Z8Y22P)

Lamps: 1 x Seoul\_Z8Y22P\_(W6E2G)\_129.545lm@250mA\_P=0.711175W\_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

η = 93%

**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.**