

DETAILS

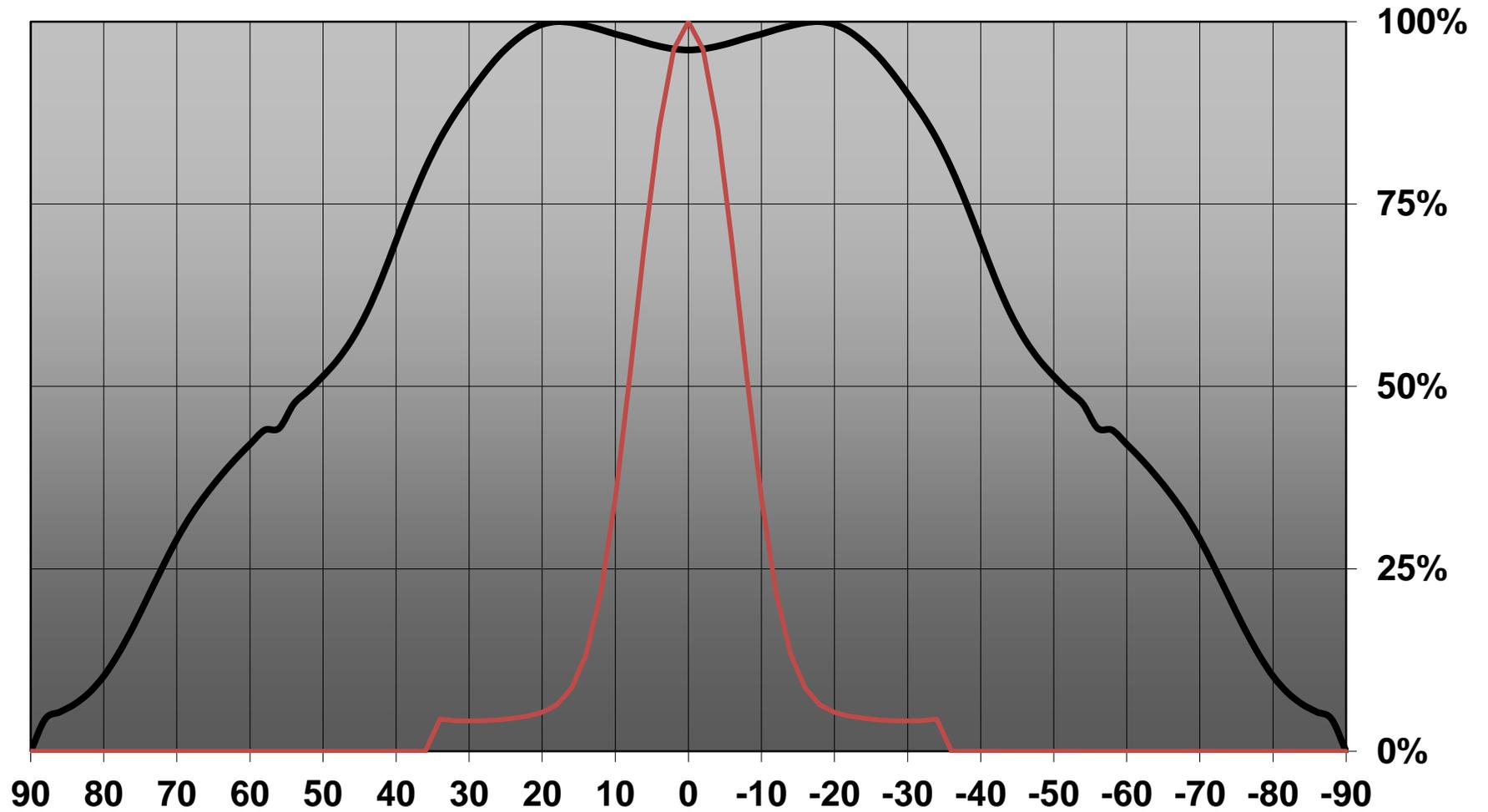
Product Number	C13016_FLARE-MINI-AD-PIN
Family	Flare
Type	Lens
Color	clear
Diameter	16 mm
Height	8,6 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	25/09/2015



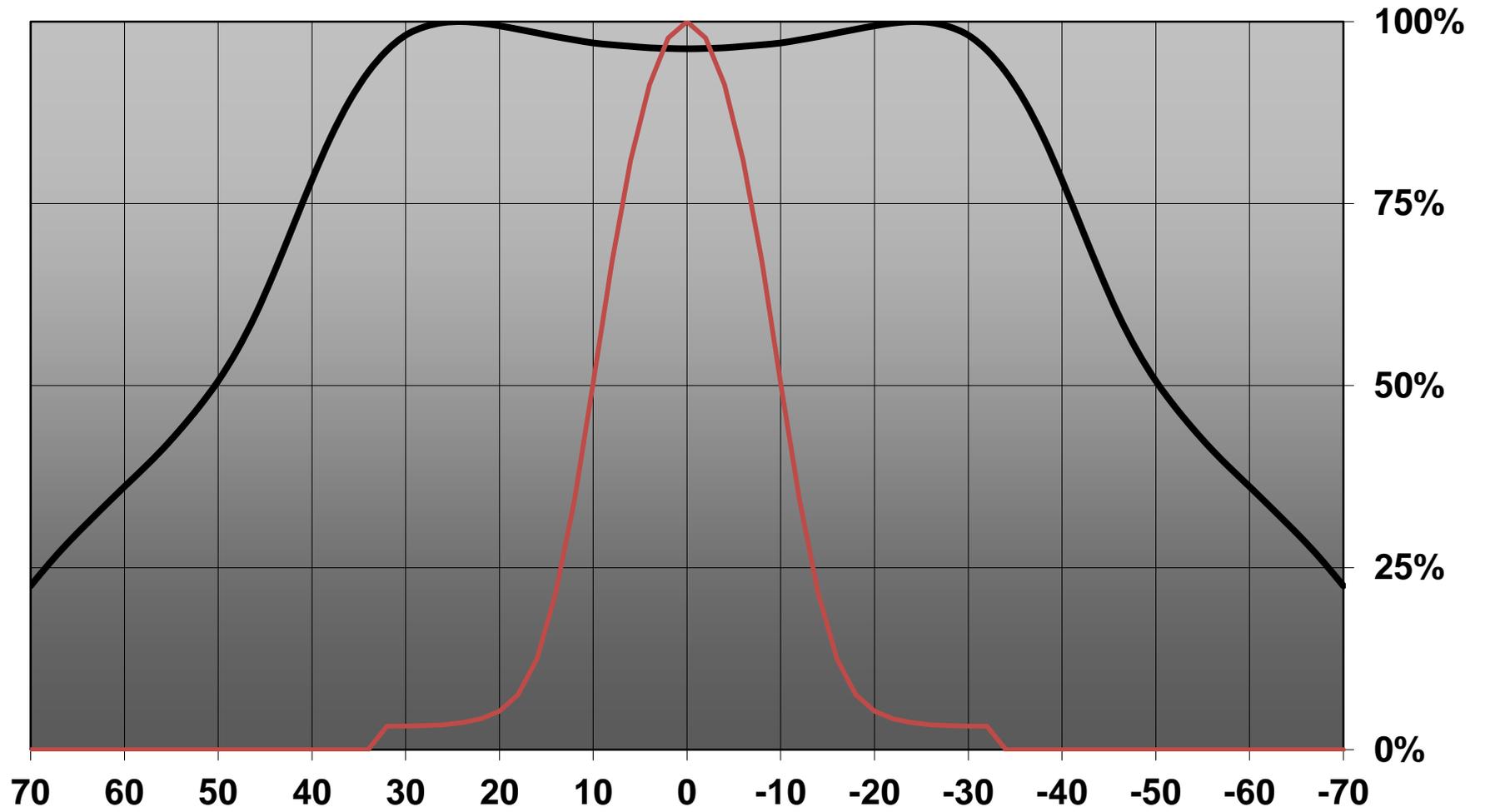
OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
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	-

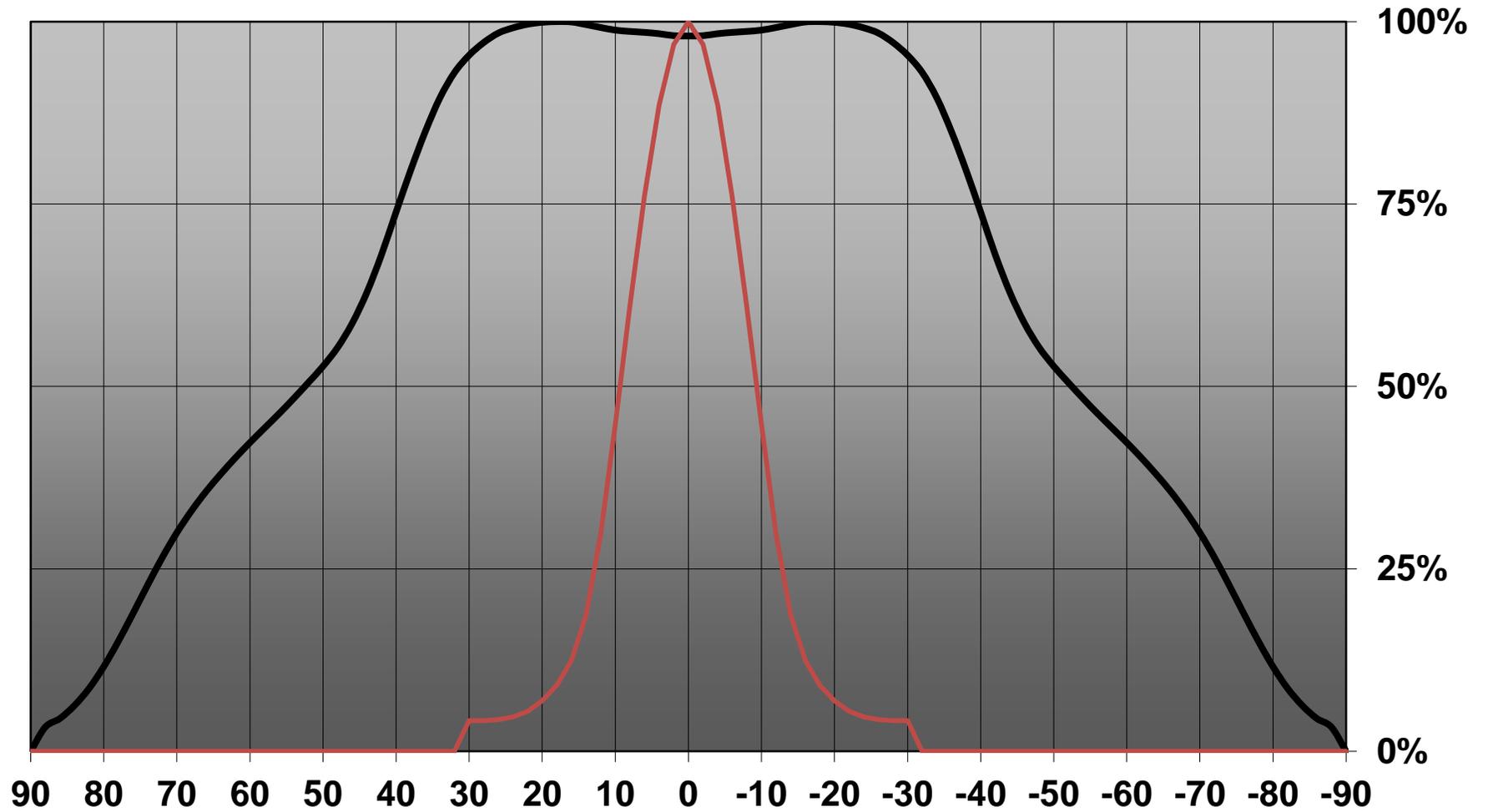
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XBD



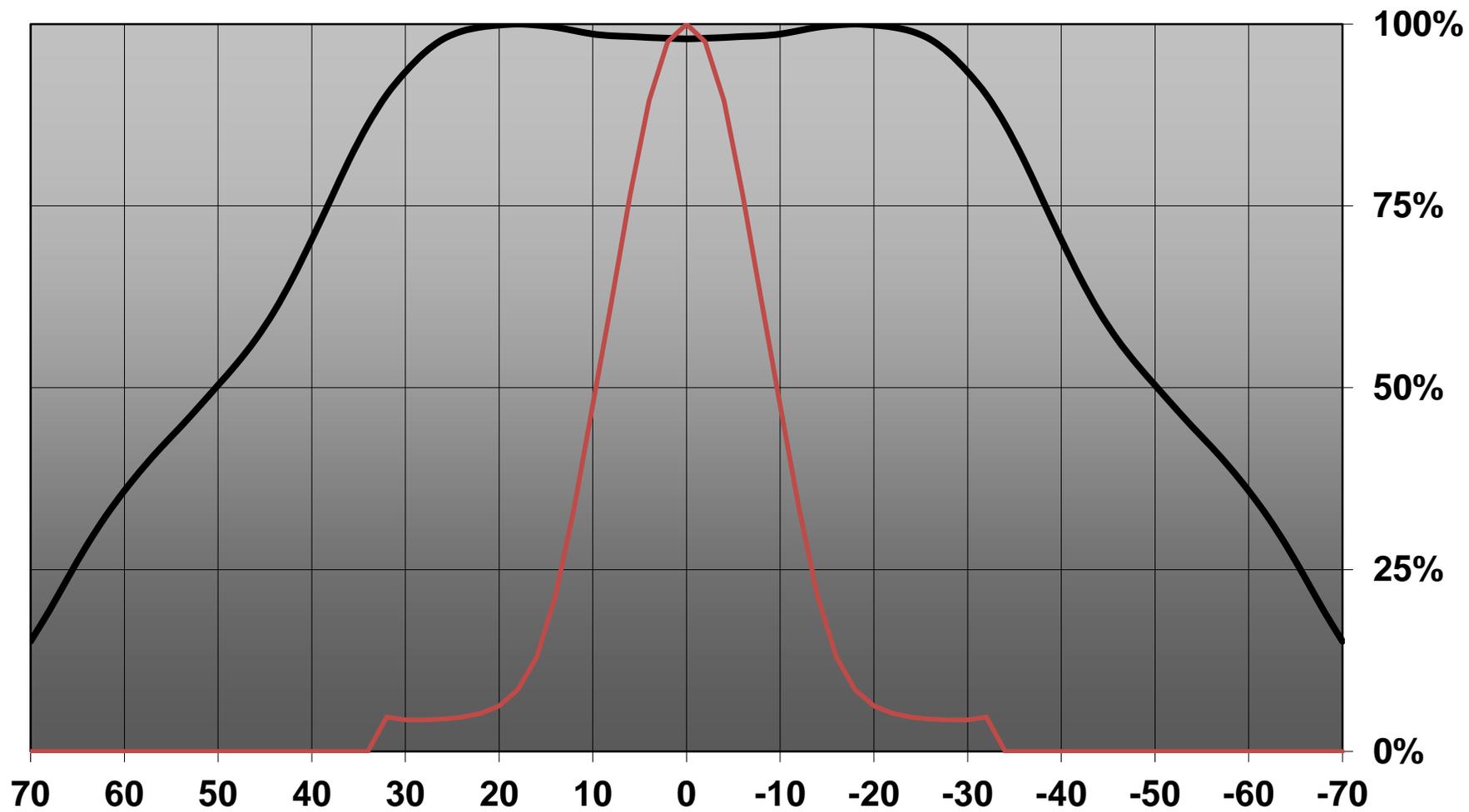
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XPG



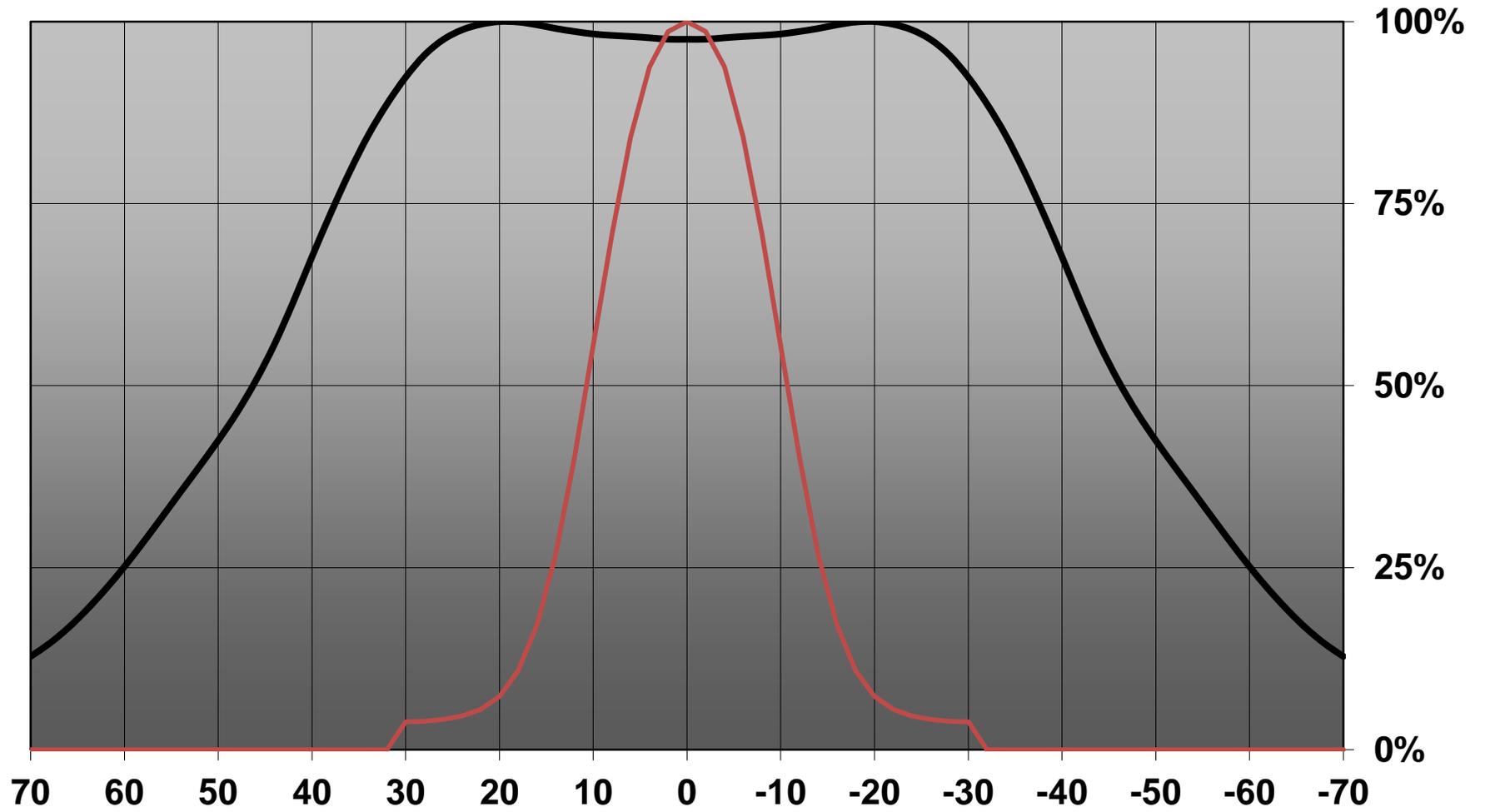
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XTE



Relative intensity of CA13057&CA13058_FLARE-MINI-AD-NVS19



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



D

C

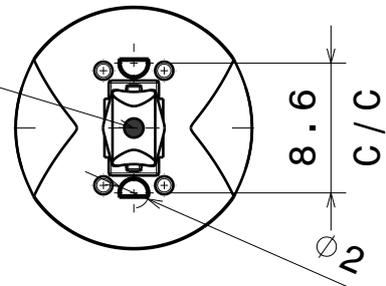
B

A

4

4

LED position

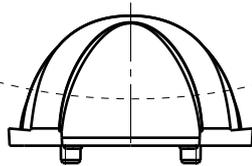
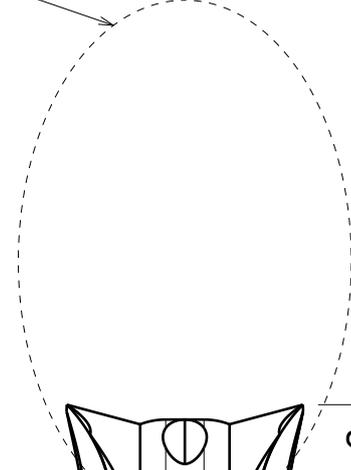
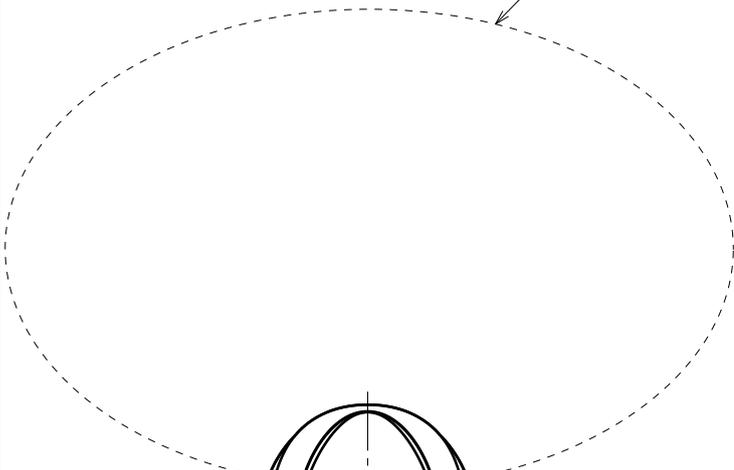


Beam direction

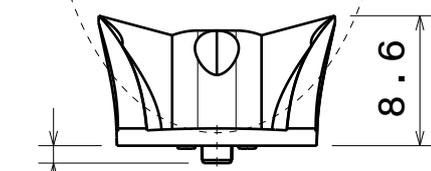
Bottom view

3

3



Right view



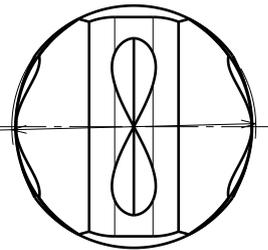
1.2

Front view

2

2

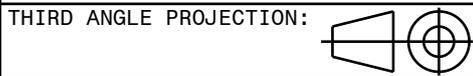
Ø 16.1



Top 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

LEDiL Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland



DRAWING TITLE
Datasheet FLARE-MINI_PIN

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 of LEDiL Oy. It may not be
 reproduced, copied or
 communicated without a written
 agreement with LEDiL Oy."

SIZE	PART NUMBER		
A4	-		
SCALE	2:1	WEIGHT	(g)
			SHEET 1/1

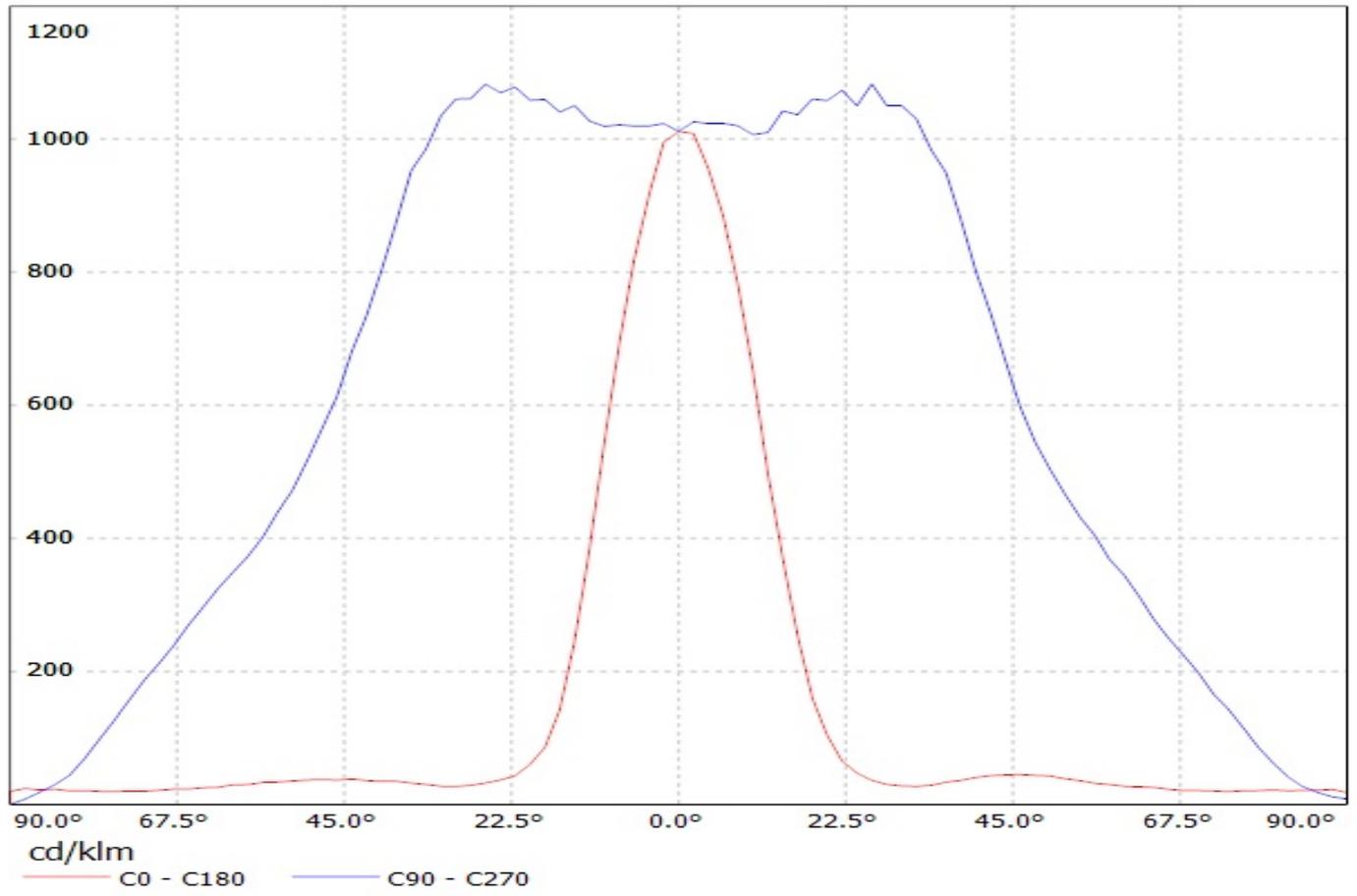
1

1

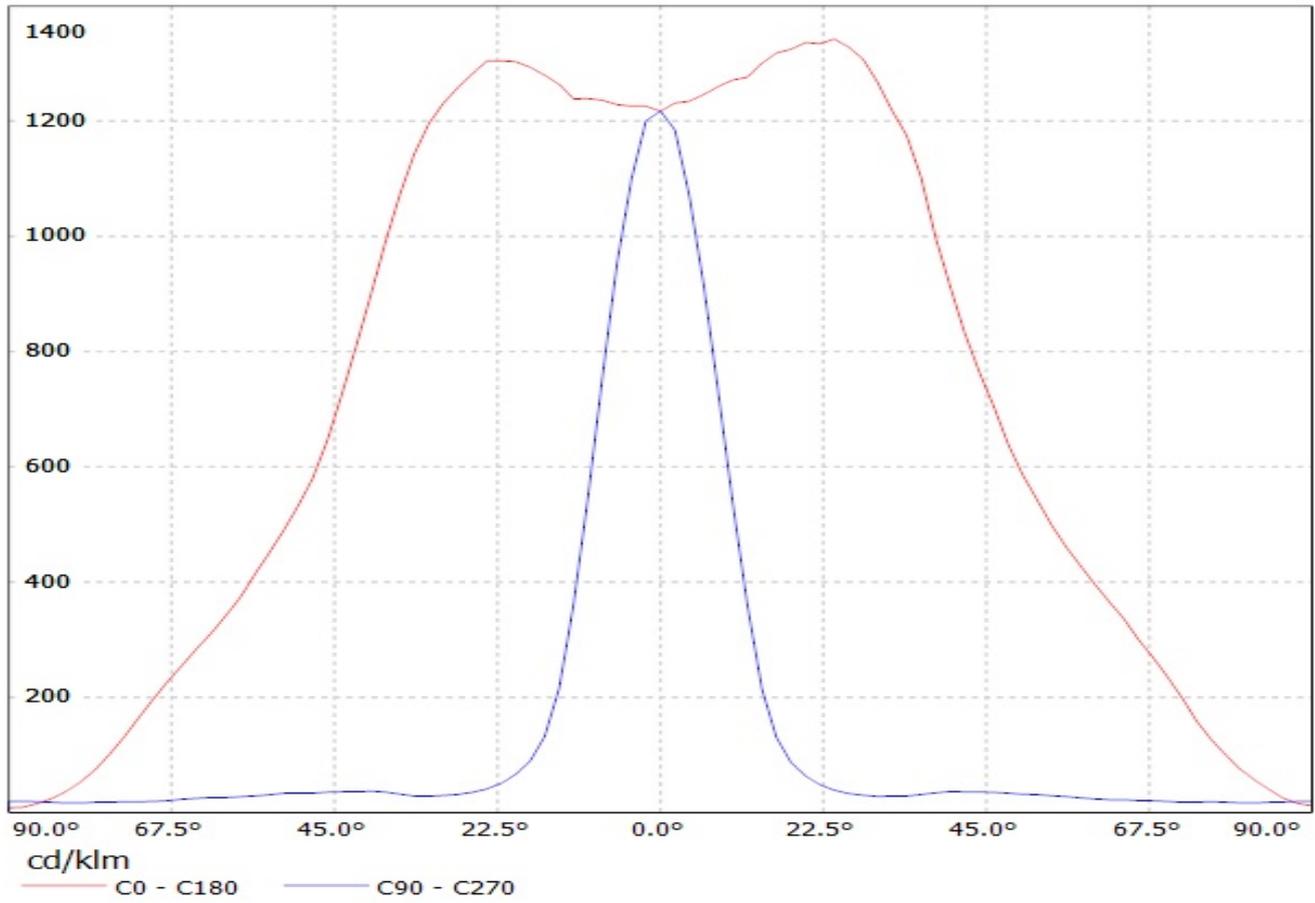
D

A

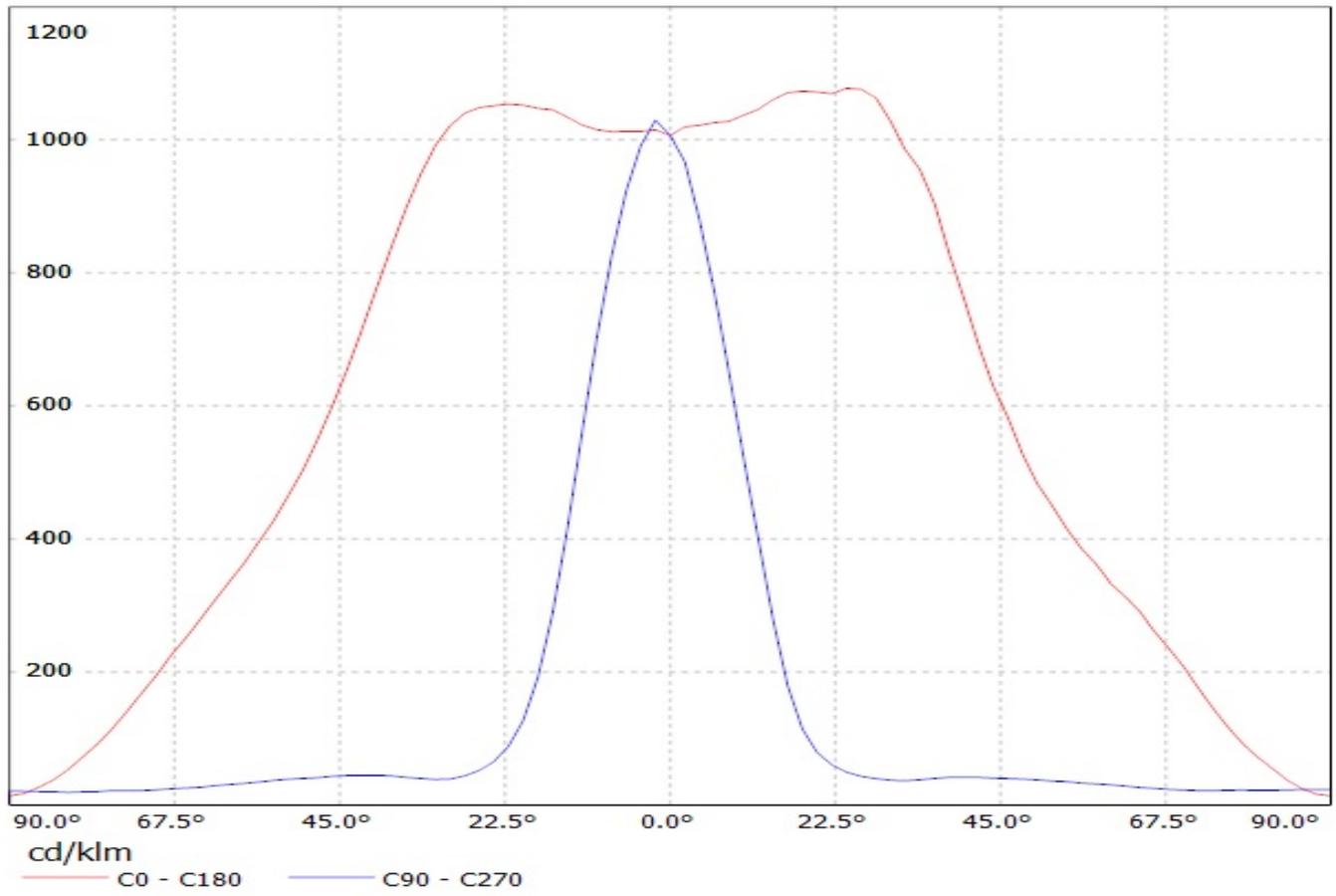
Luminaire: Ledil Oy C13016_FLARE-MINI-AD (Cree XP-G 68lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-G 68lm @ 250mA



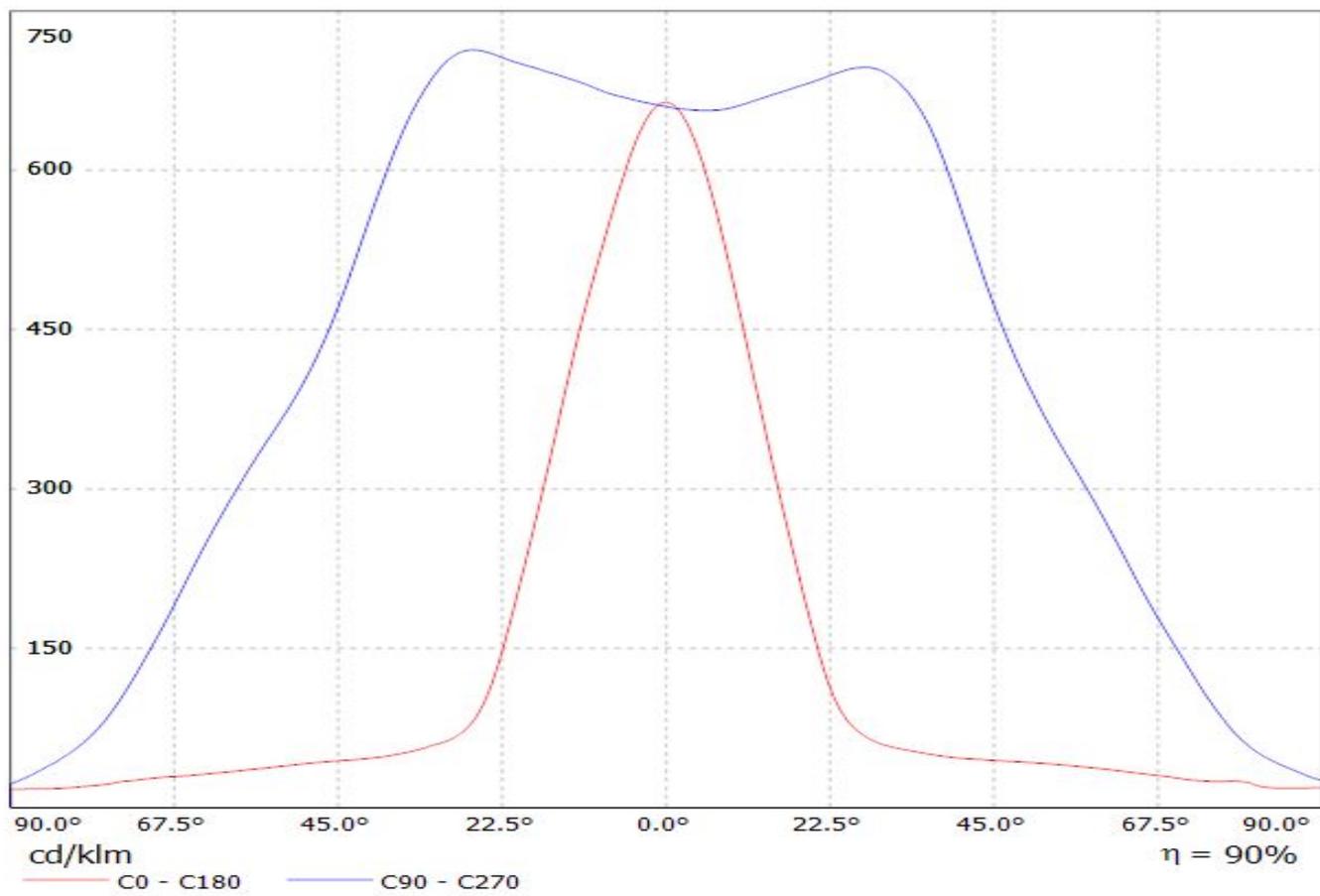
Luminaire: Ledil Oy C13016_FLARE-MINI-AD-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
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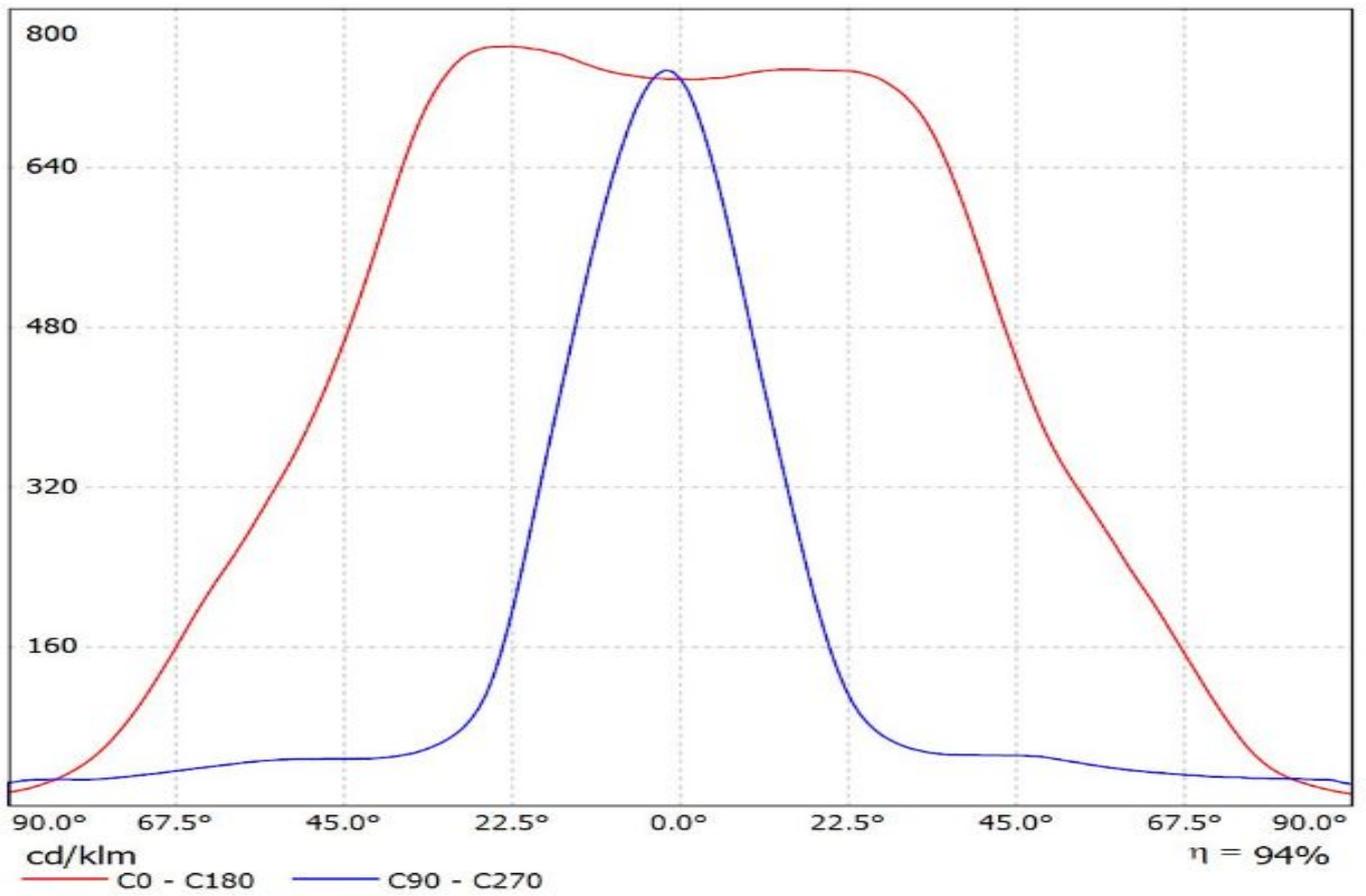


Luminaire: LEDiL Oy C13016_FLARE-MINI-AD-PIN_(XP-L) Eff.89.8%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA

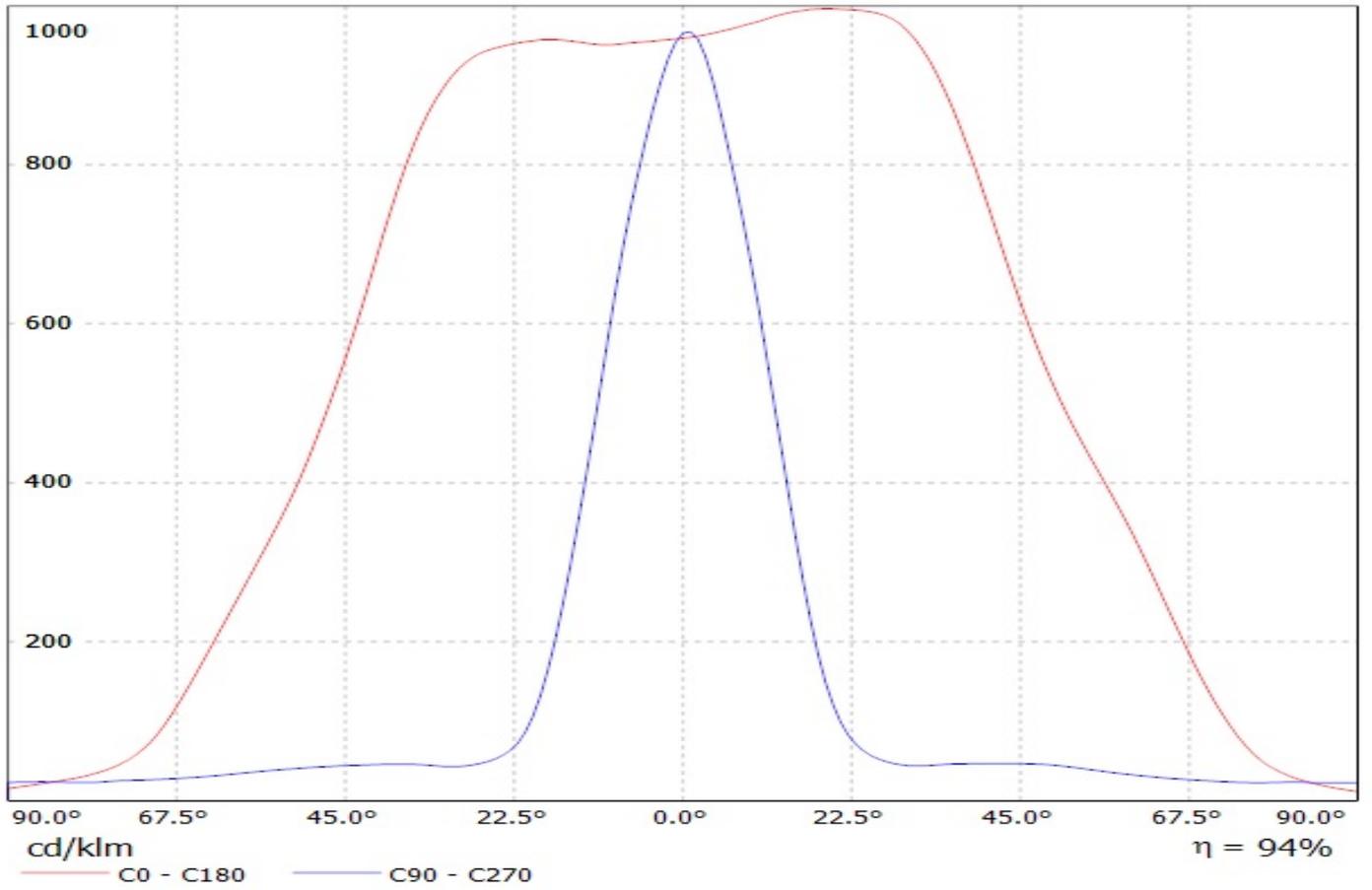


Luminaire: Ledil C13016_FLARE-MINI-AD-PIN_(XP-L2)

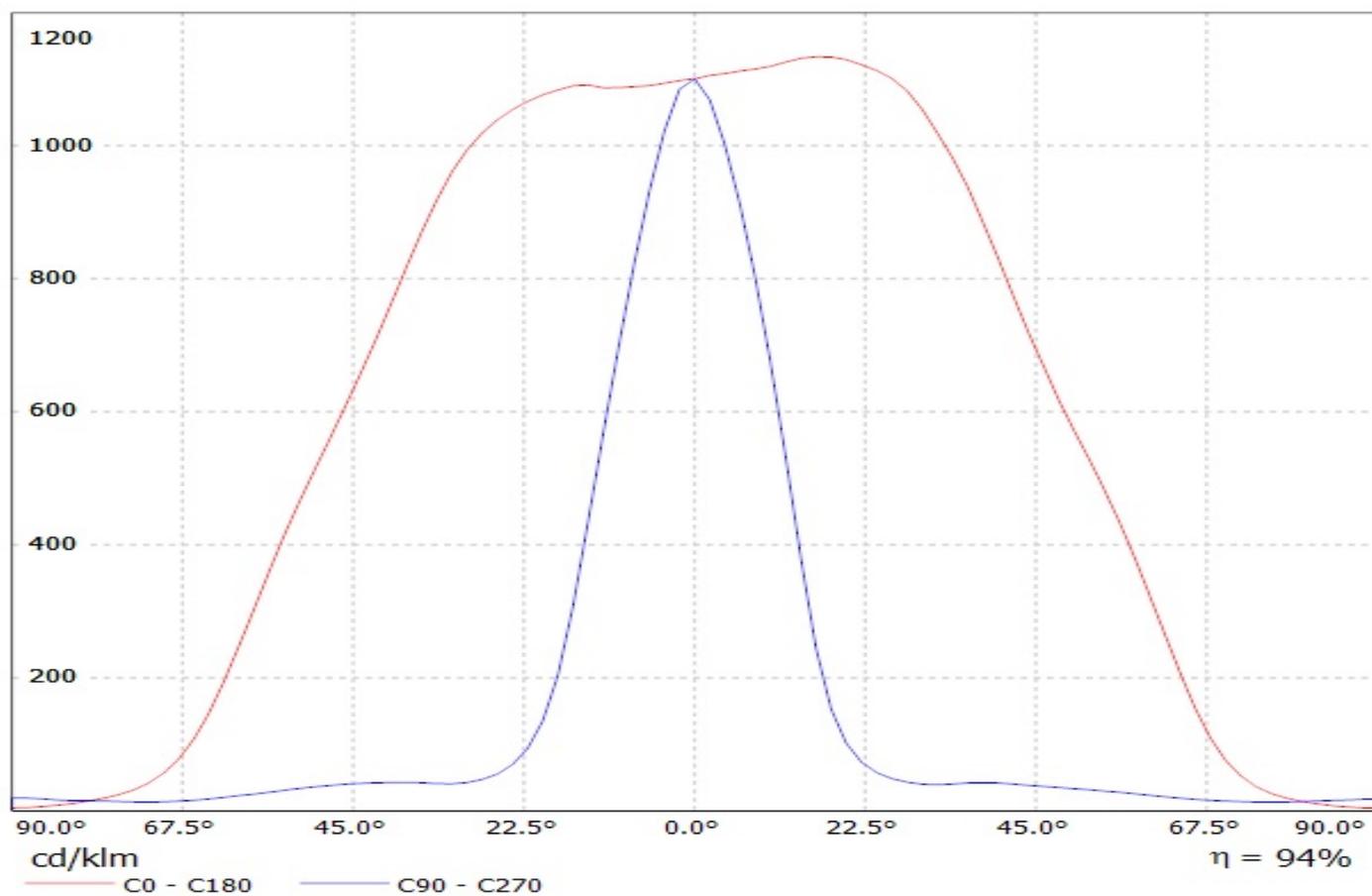
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A



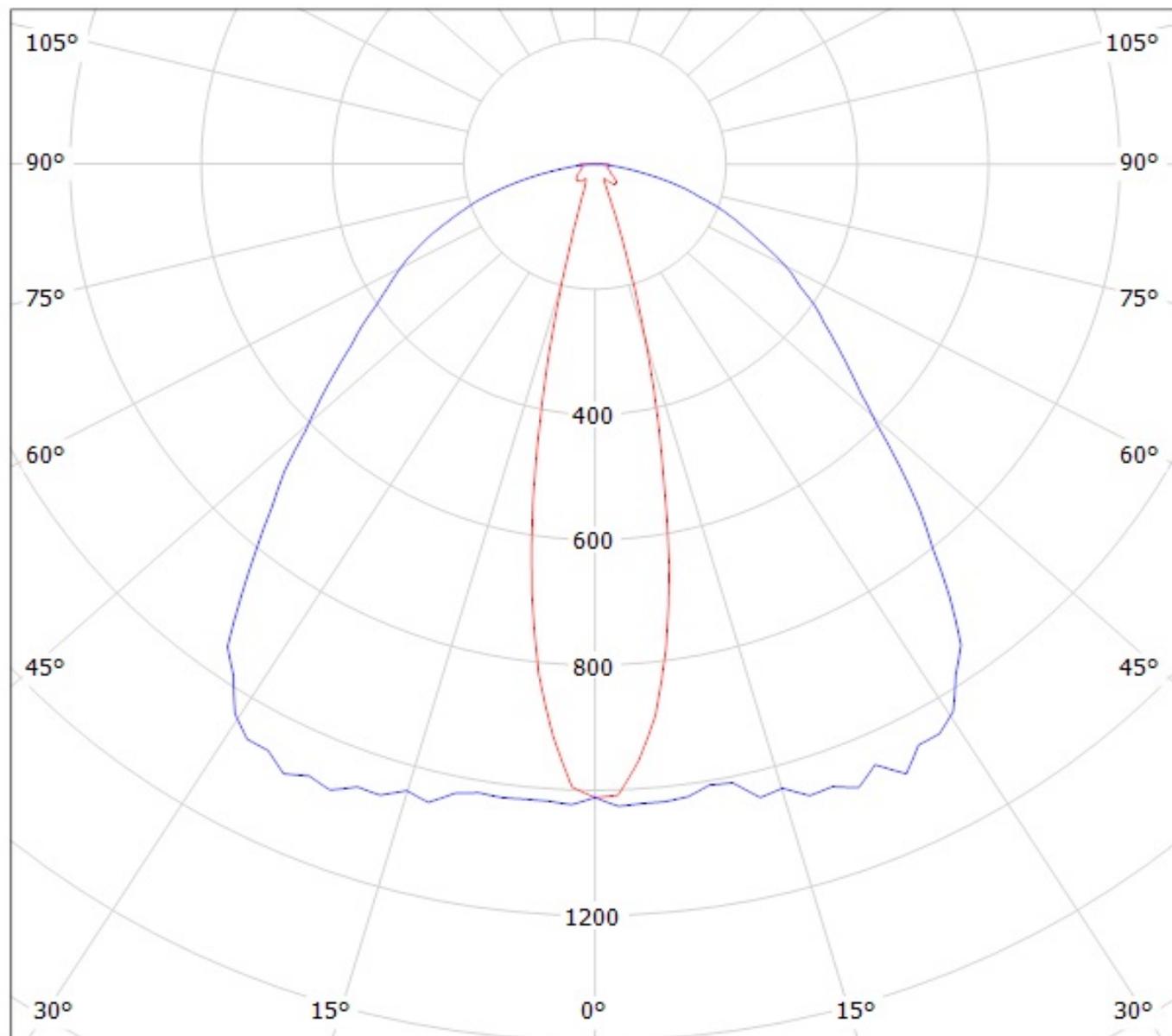
Luminaire: LEDiL Oy C13016_FLARE-MINI-AD-PIN_(LH351B)
Lamps: 1 x SAMSUNG_LH351B_109.99lm@250mA_P=2.9308W_I=249.9mA



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



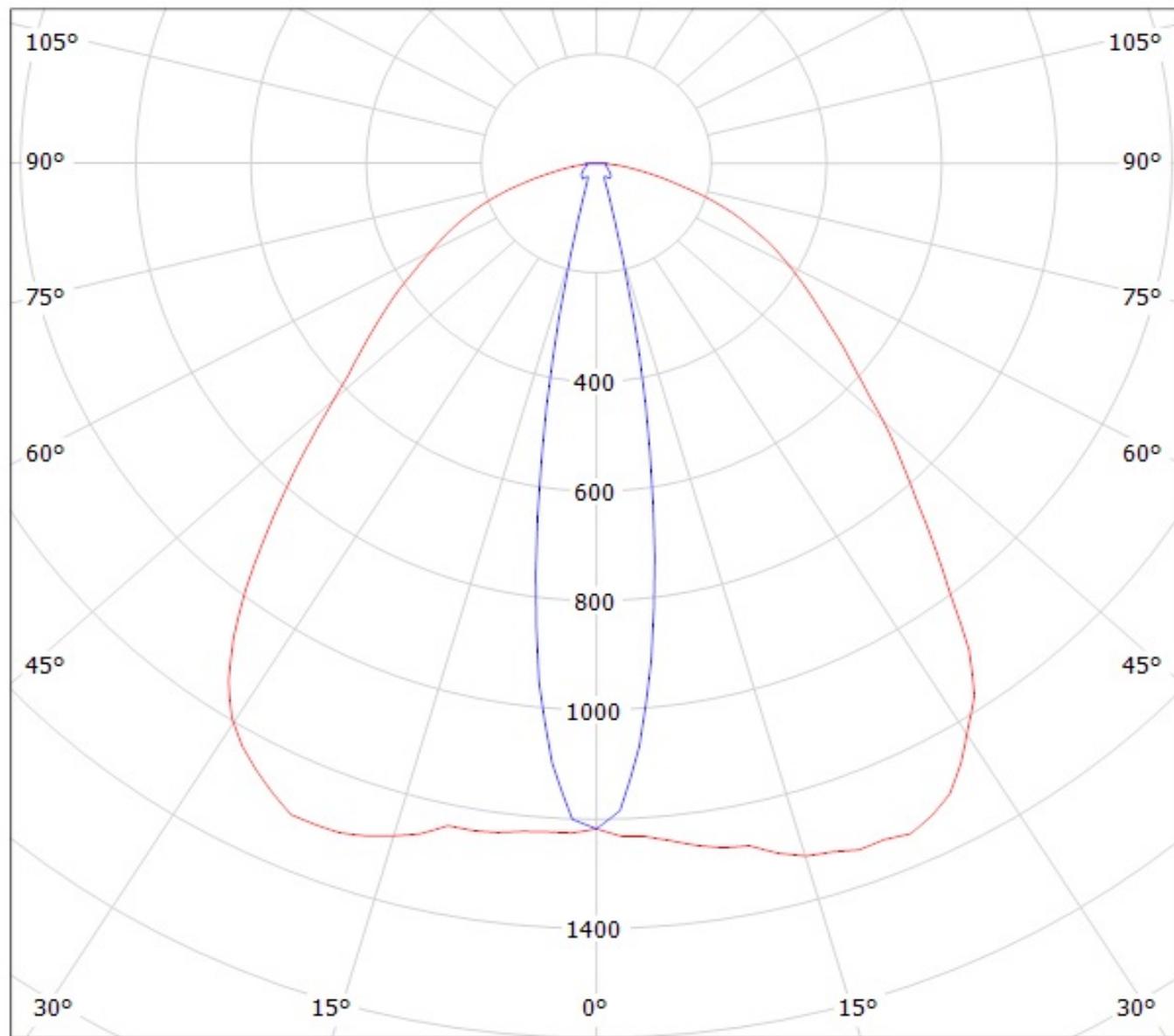
Luminaire: Ledil Oy C13016_FLARE-MINI-AD (Cree XP-G 68lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-G 68lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

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)

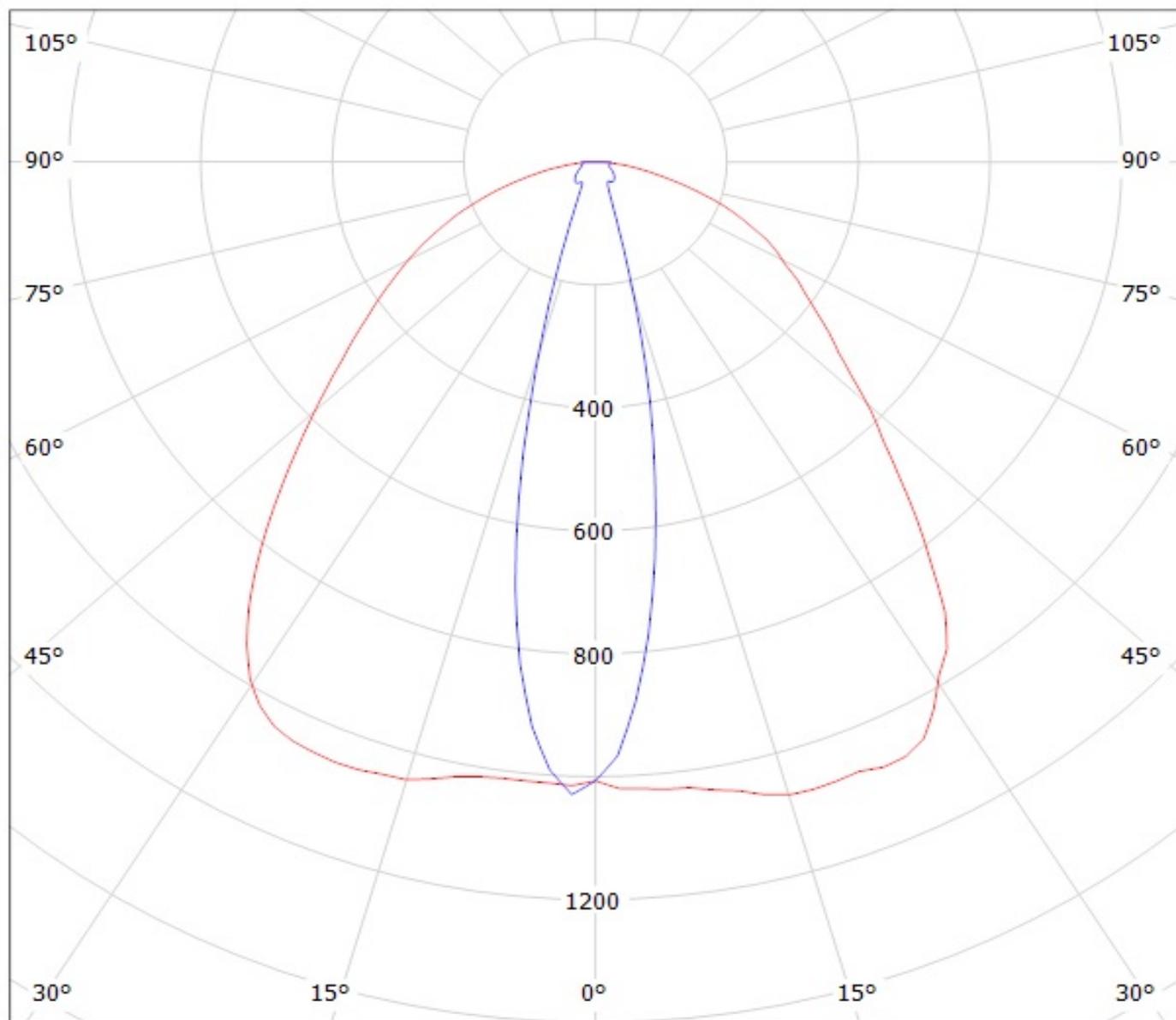


cd/klm

— C0 - C180

— C90 - C270

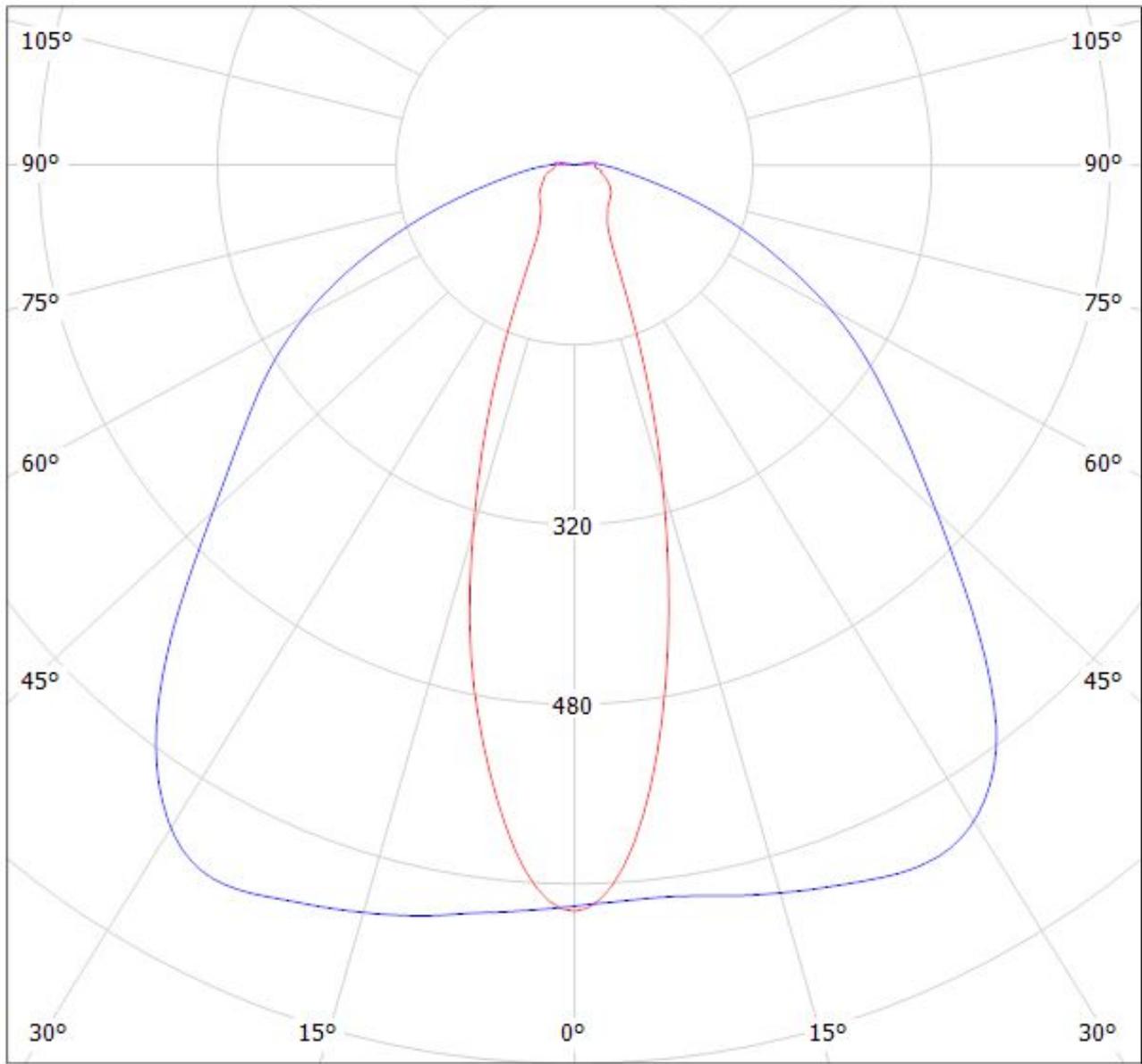
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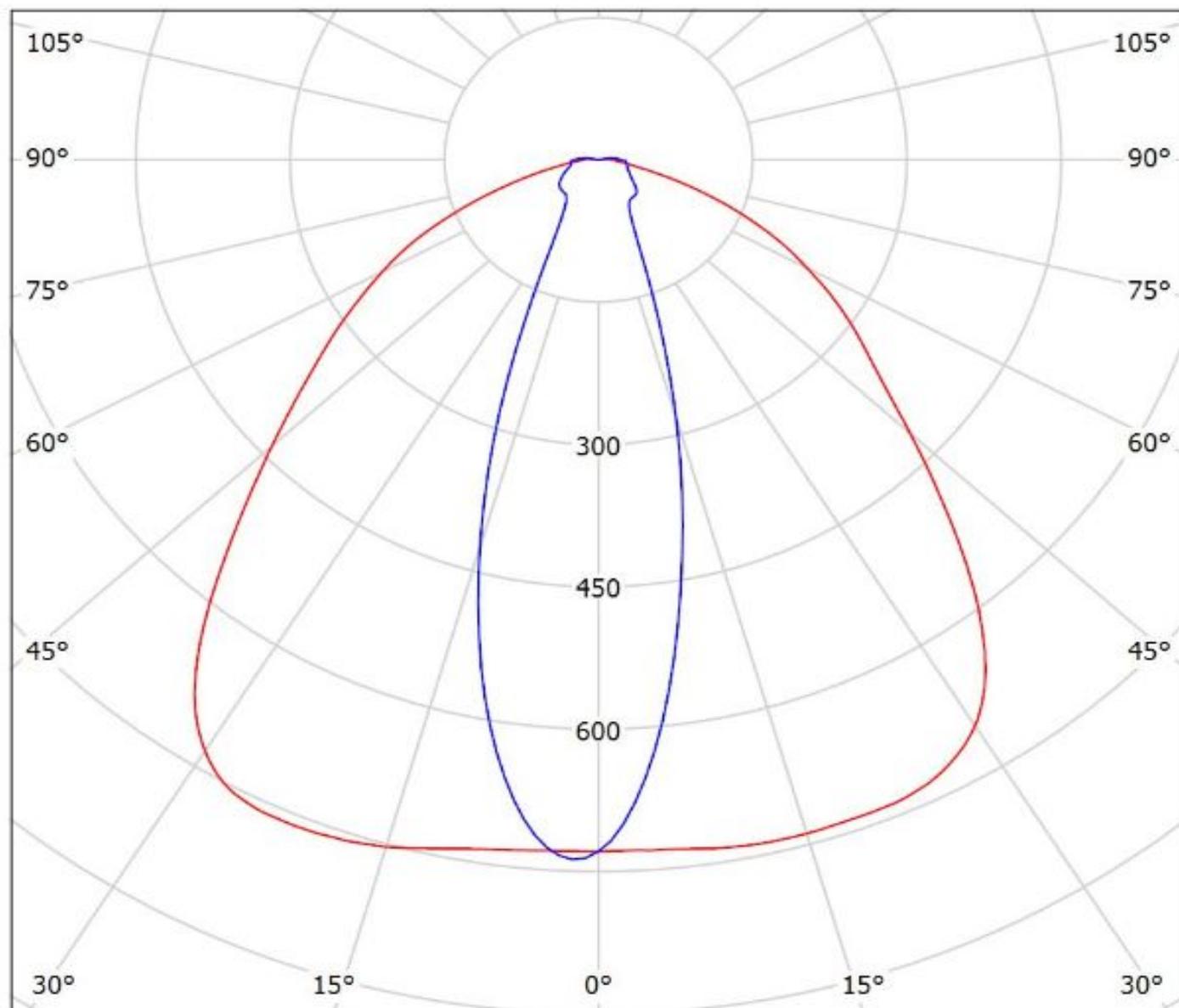
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

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



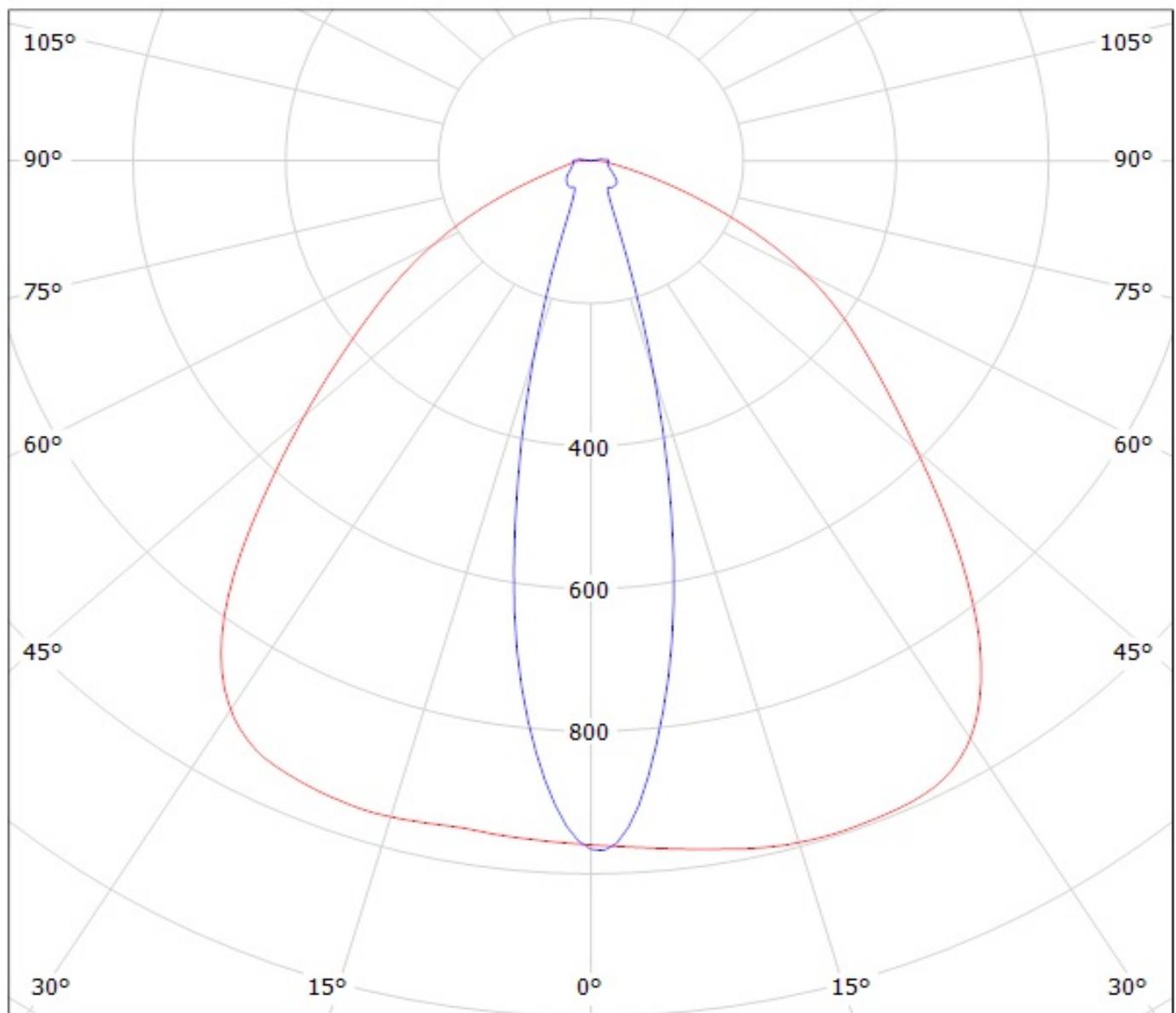
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

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

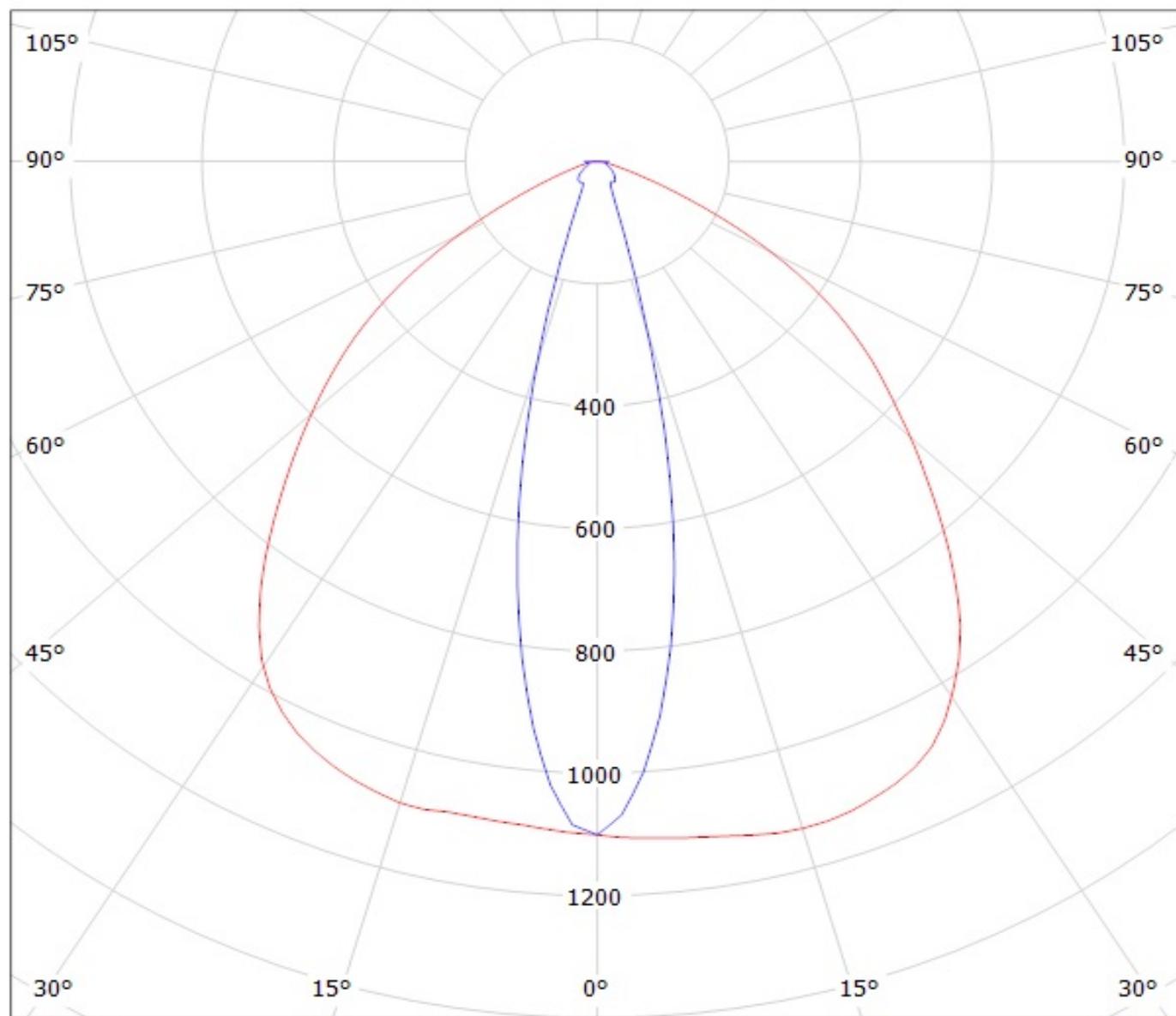
— C0 - C180

— C90 - C270

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cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

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.