

DETAILS

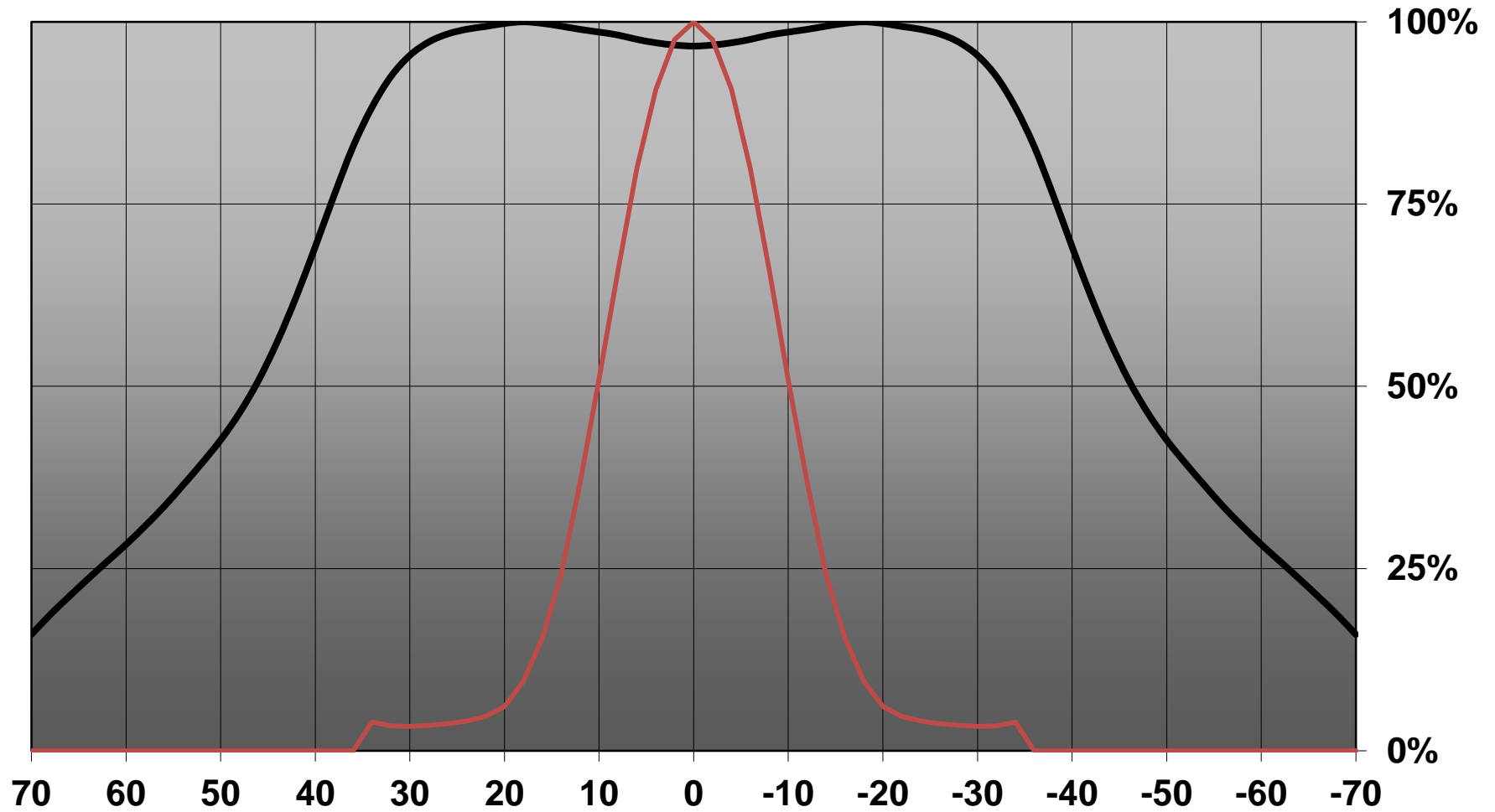
Product Number	CA13058_FLARE-MINI-AD-PIN
Family	Flare
Type	Assembly
Color	black
Diameter	16 mm
Height	9.1 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	25/09/2013



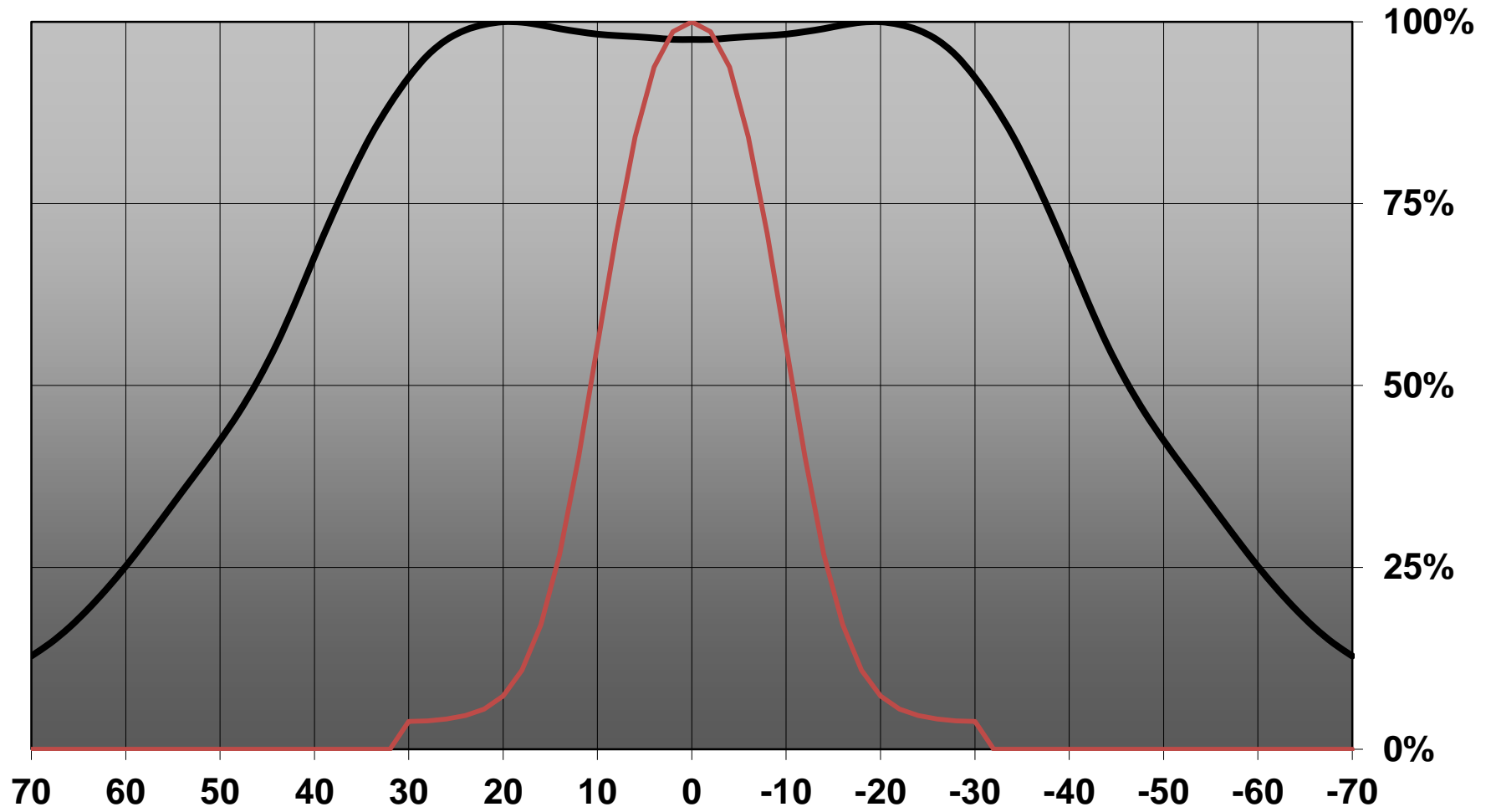
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-E2	90+16 deg	Oval	94 %	1.400	-
LUXEON A	92+20 deg	Oval	94 %	1.100	-
Oslon Square EC	92+21 deg	Oval	94 %	1.100	-
XP-G2	95+21 deg	Oval	94 %	1.100	-
Fortimo FastFlex LED board 2x8/757 DS	95+21 deg	Oval	93 %	1.100	-
Z5M1/Z5M2	99+22 deg	Oval	94 %	sim: 0.000	-
LH351Z	99+24 deg	Oval	94 %	1.100	-
XB-D	100+16 deg	Oval	93 %	1.200	-
XP-G	100+20 deg	Oval	94 %	1.100	-
NVSxx19A	100+20 deg	Oval	94 %	1.100	-
H35C1 (LEMWA33)	100+20 deg	Oval	93 %	1.100	-
XT-E	104+19 deg	Oval	94 %	1.100	-
XP-L	108+27 deg	Oval	92 %	0.780	-

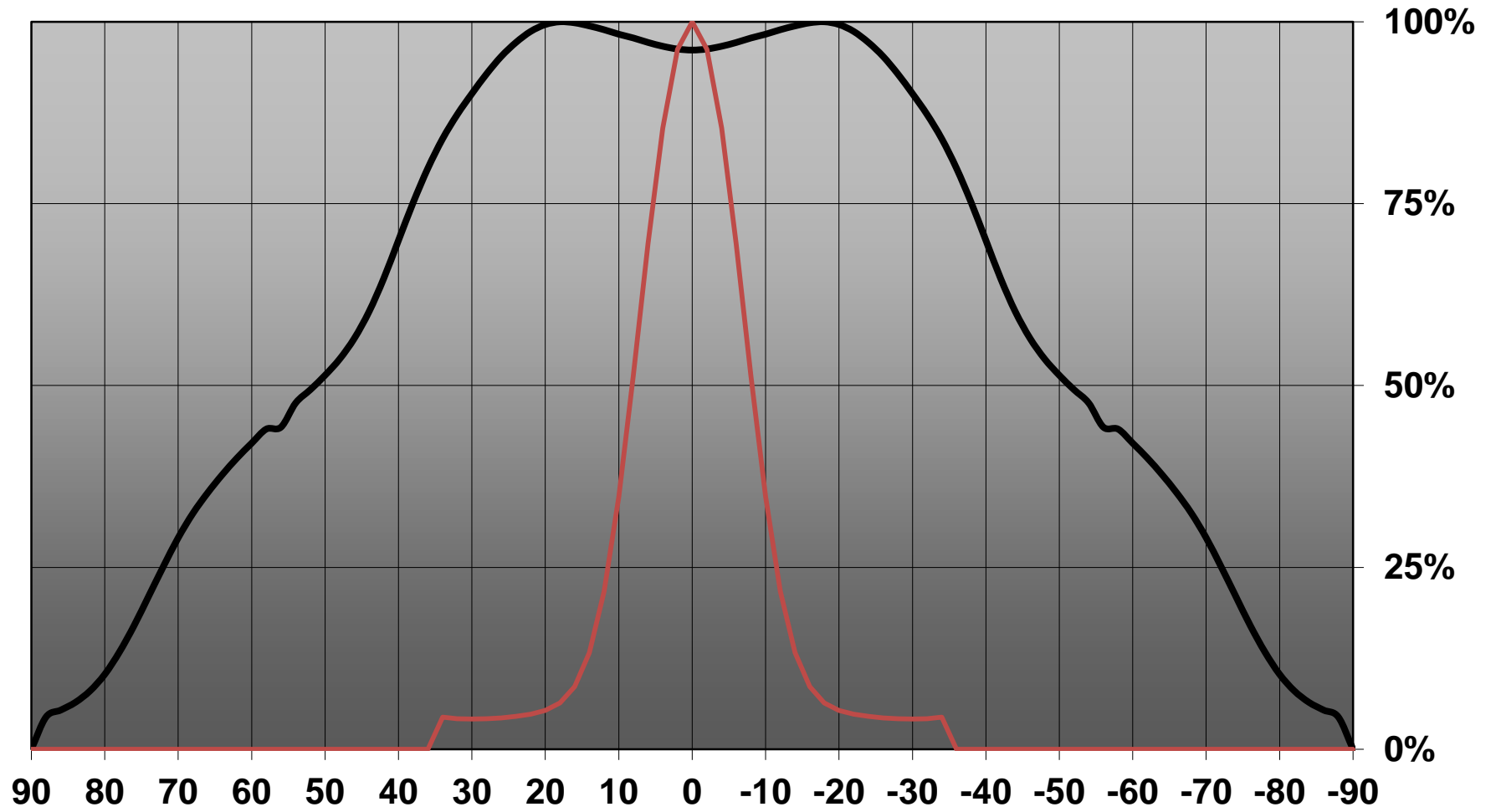
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-LuxA



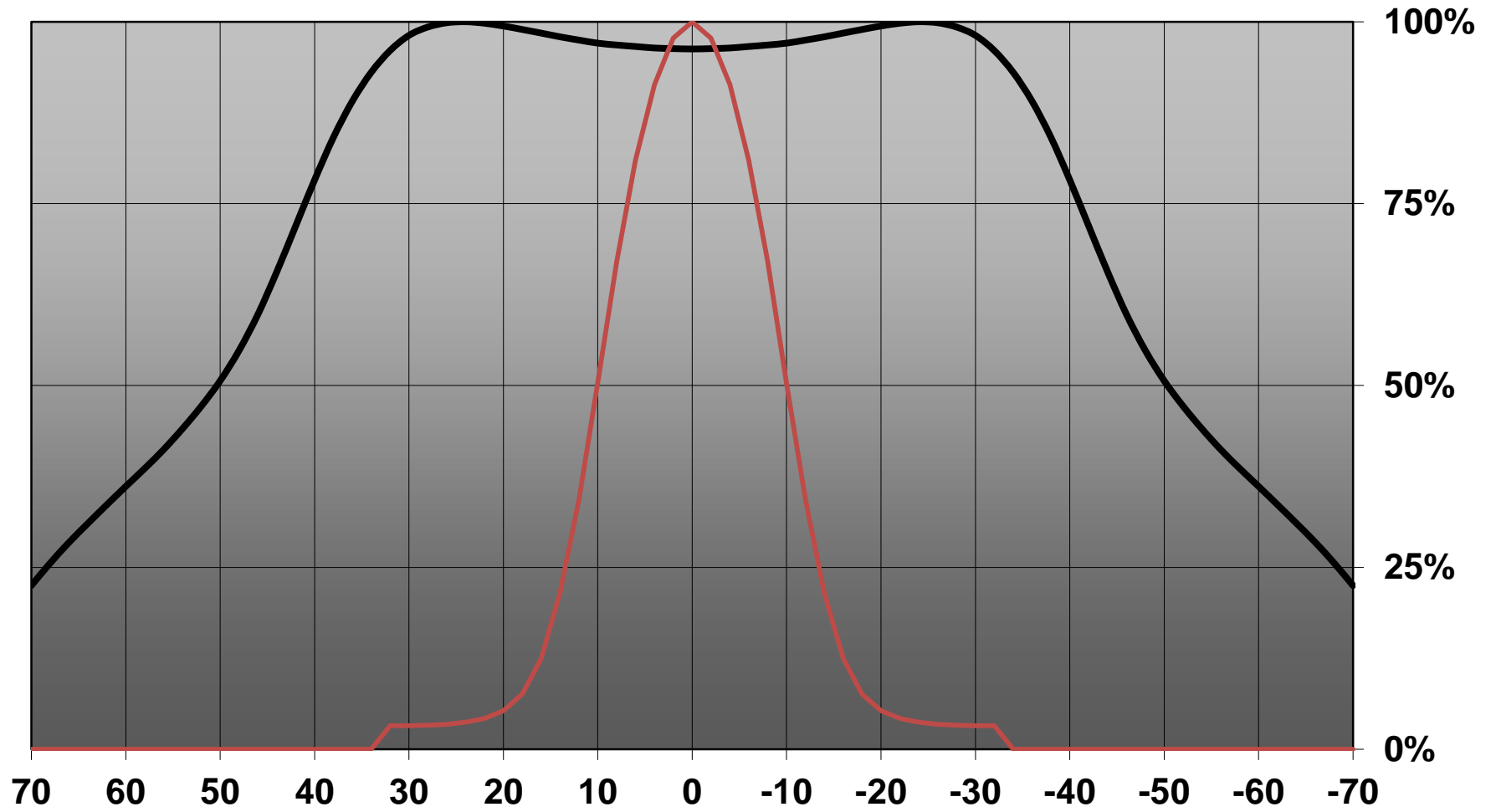
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-SQEC



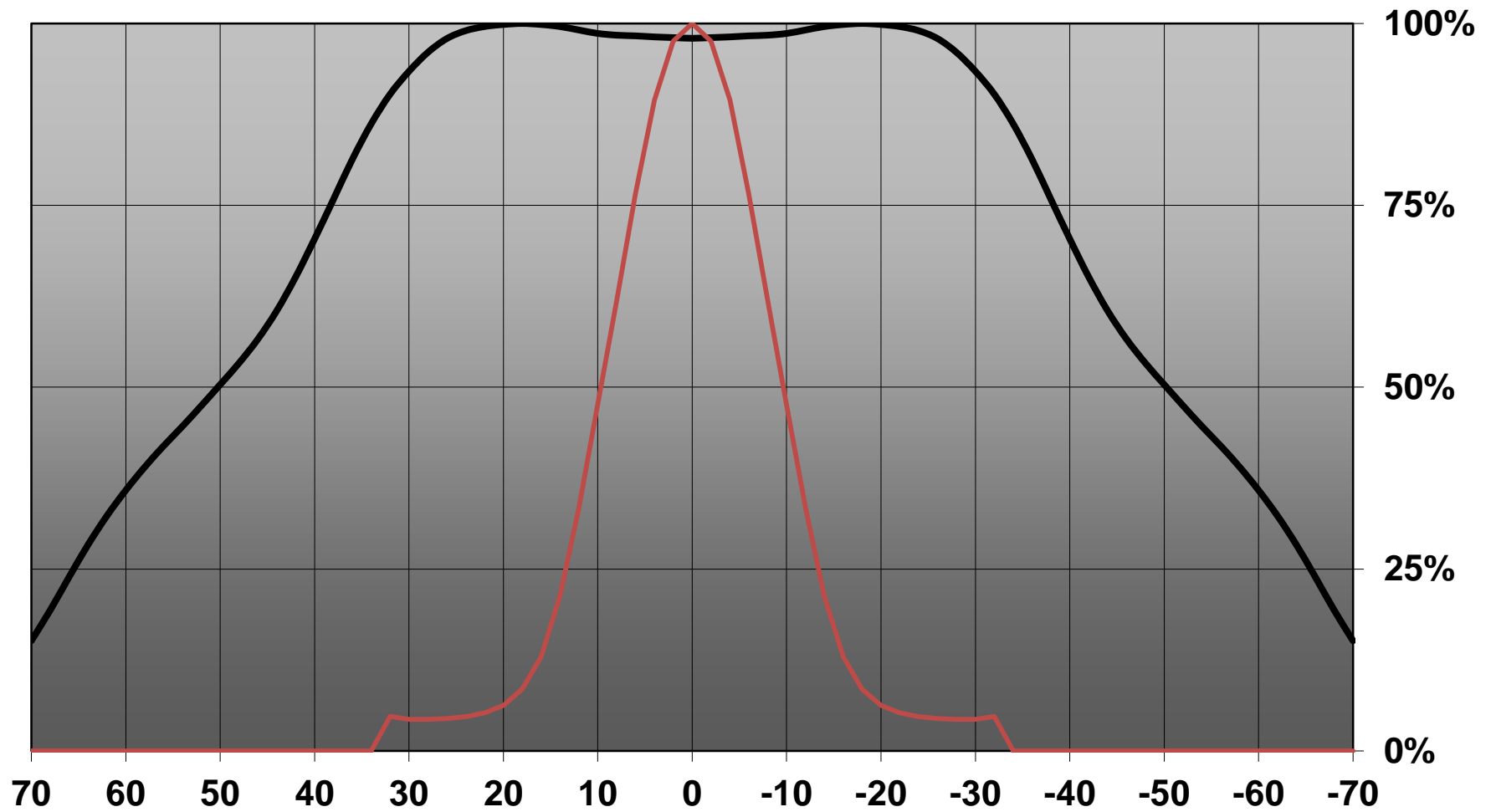
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XBD



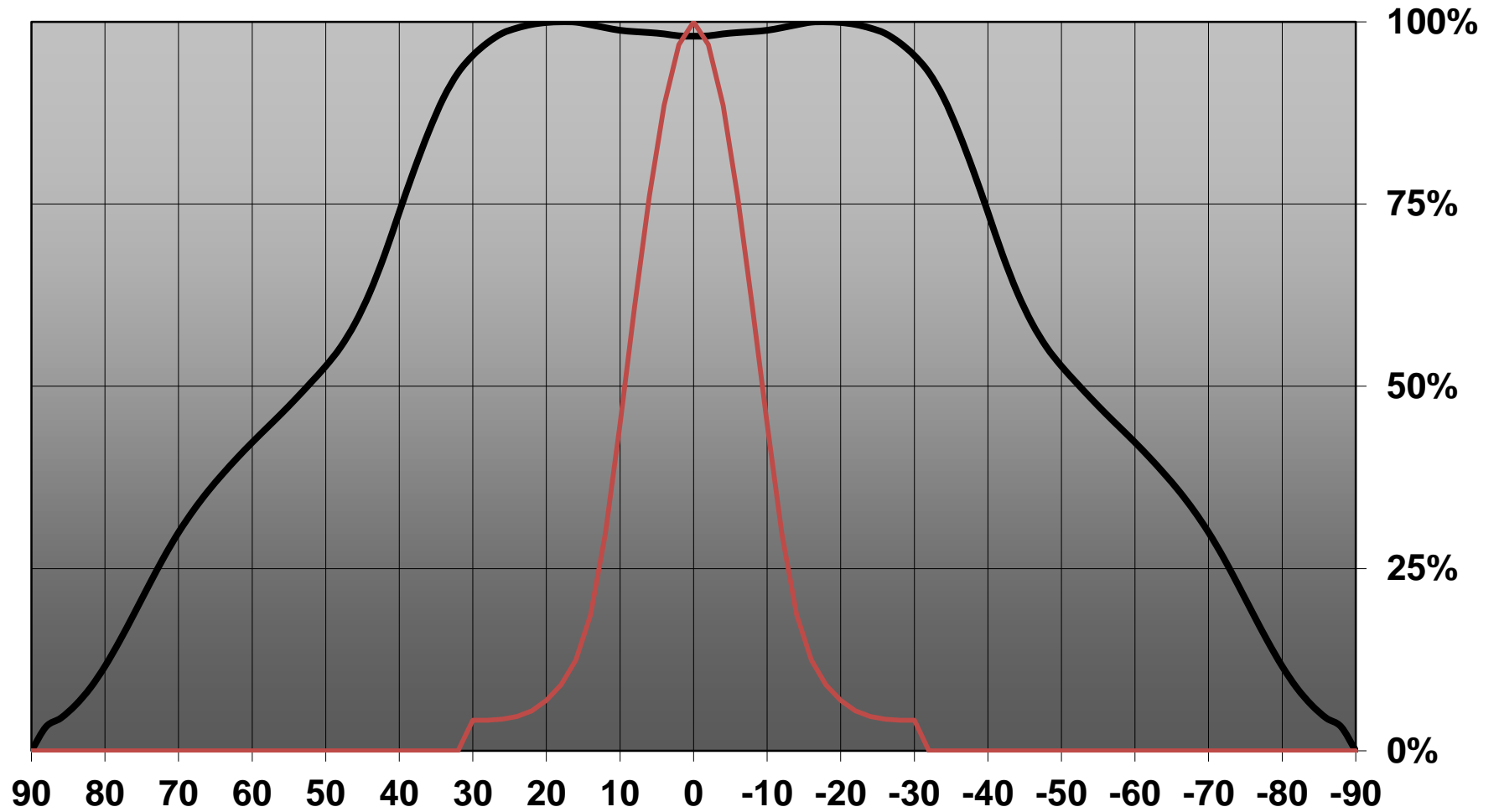
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XPG



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

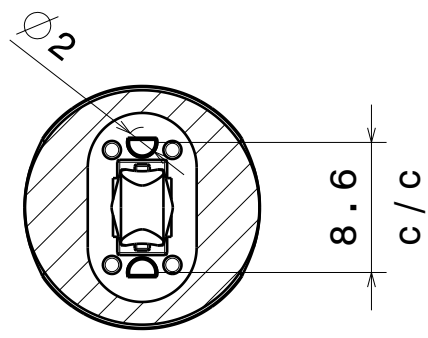
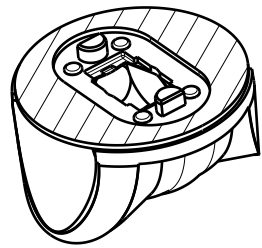
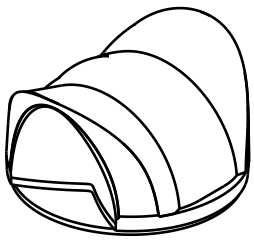


Relative intensity of CA13057&CA13058_FLARE-MINI-AD-XTE

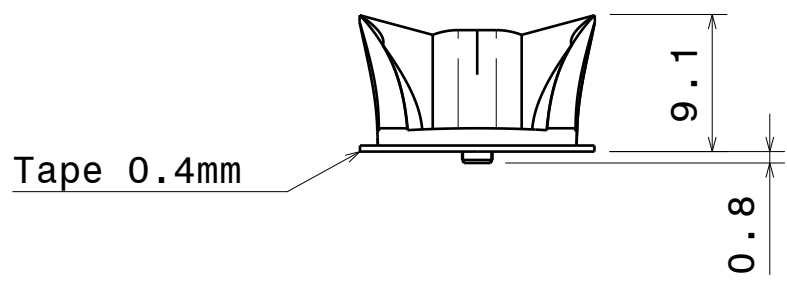


D C B A

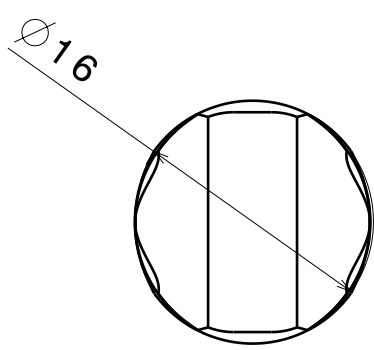
4



3



2



Material:
 Lens: PMMA
 Tape: PU Foam

Tolerances for dimensions:
 0-20mm tolerance value +/-0.1mm
 21-45mm tolerance value +/-0.2mm
 46-90mm tolerance value +/-0.3mm
 91-100mm tolerance value +/-0.4mm
 101-mm tolerance value +/-0.5mm

Note:
 Must use external positioning
 over light source.

4

3

2

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DRAWING TITLE
 Datasheet Flare-Mini-AD-PIN Assy

DRAWN BY pv	DATE 03.04.2012
CHECKED BY pl	DATE 02.04.2012
DESIGNED BY pl	DATE 27.02.2012

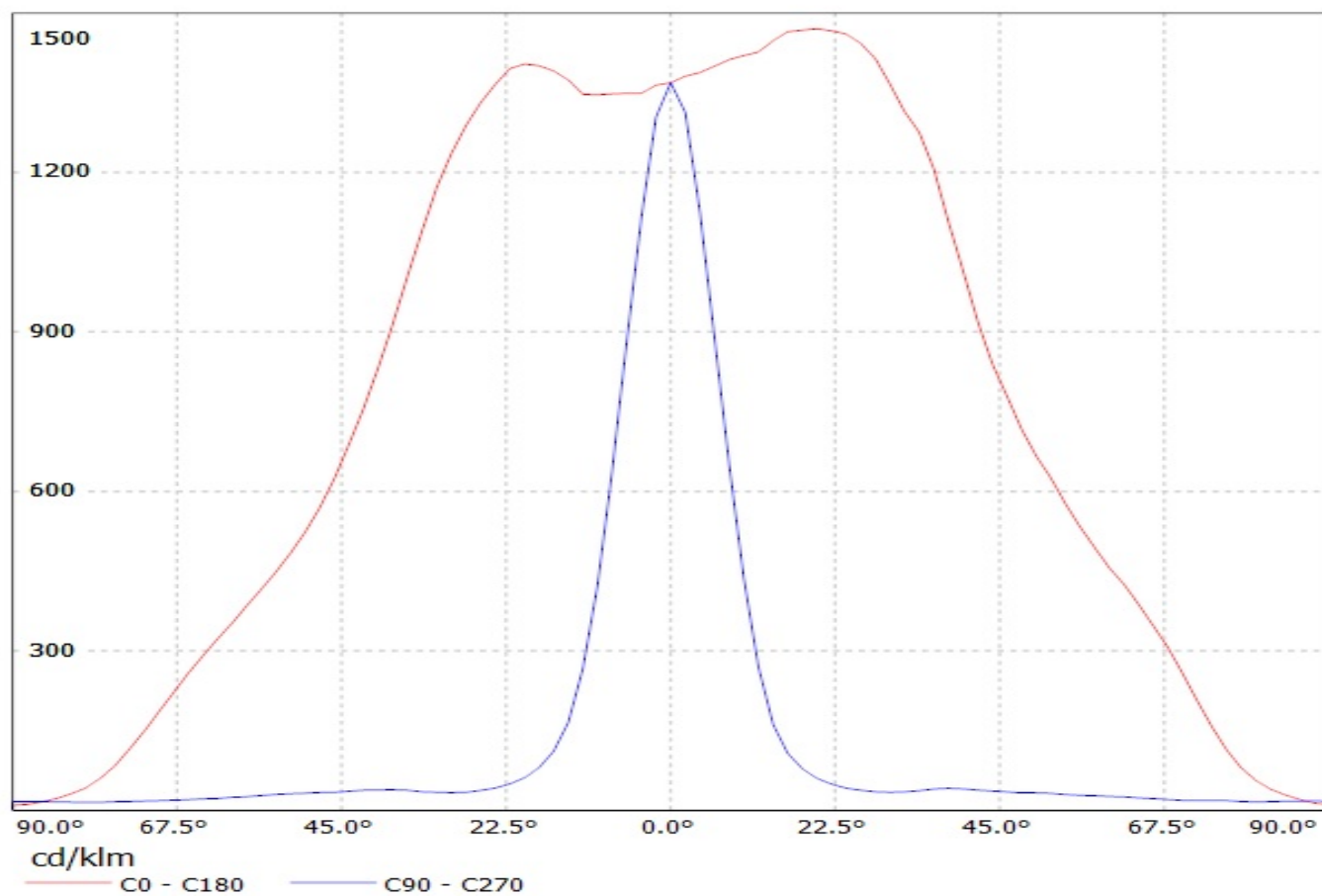
SIZE A4	DRAWING NUMBER CA13058	REV 002
SCALE 2:1	WEIGHT (g)	SHEET 1/1

1

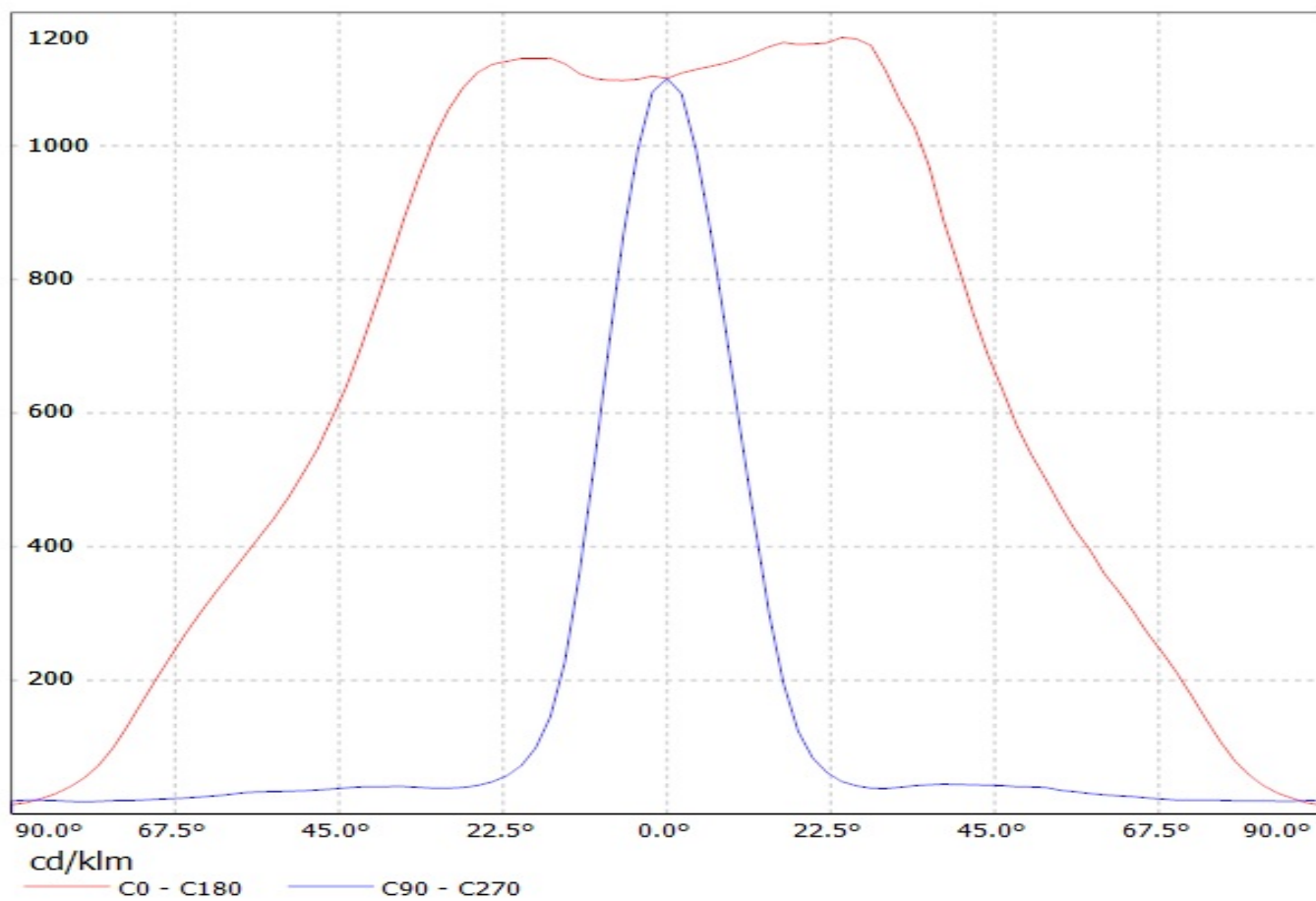
1

D A

Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-E2 92 lm @ 250 mA) Efficiency=94%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA

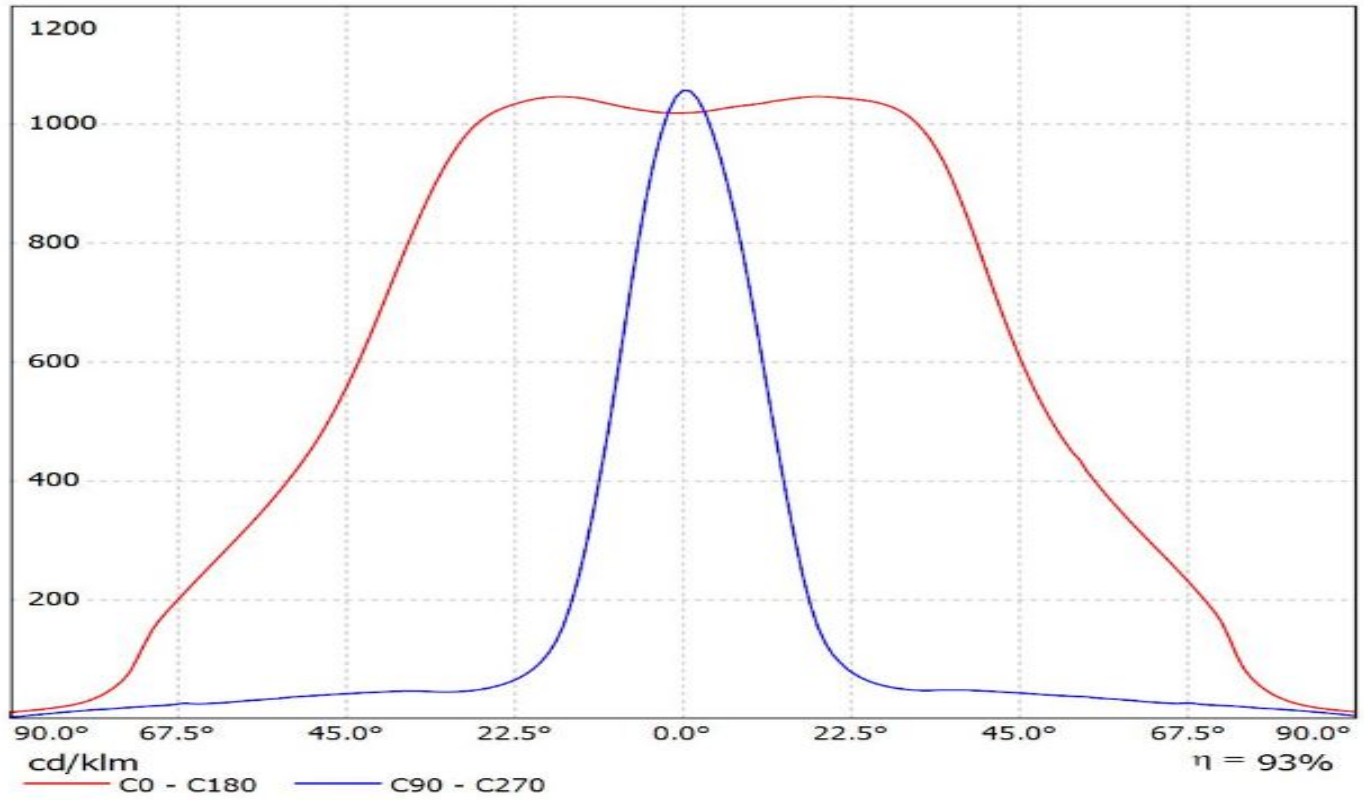


Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-G2 (99lm @ 250mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99lm @ 250mA)

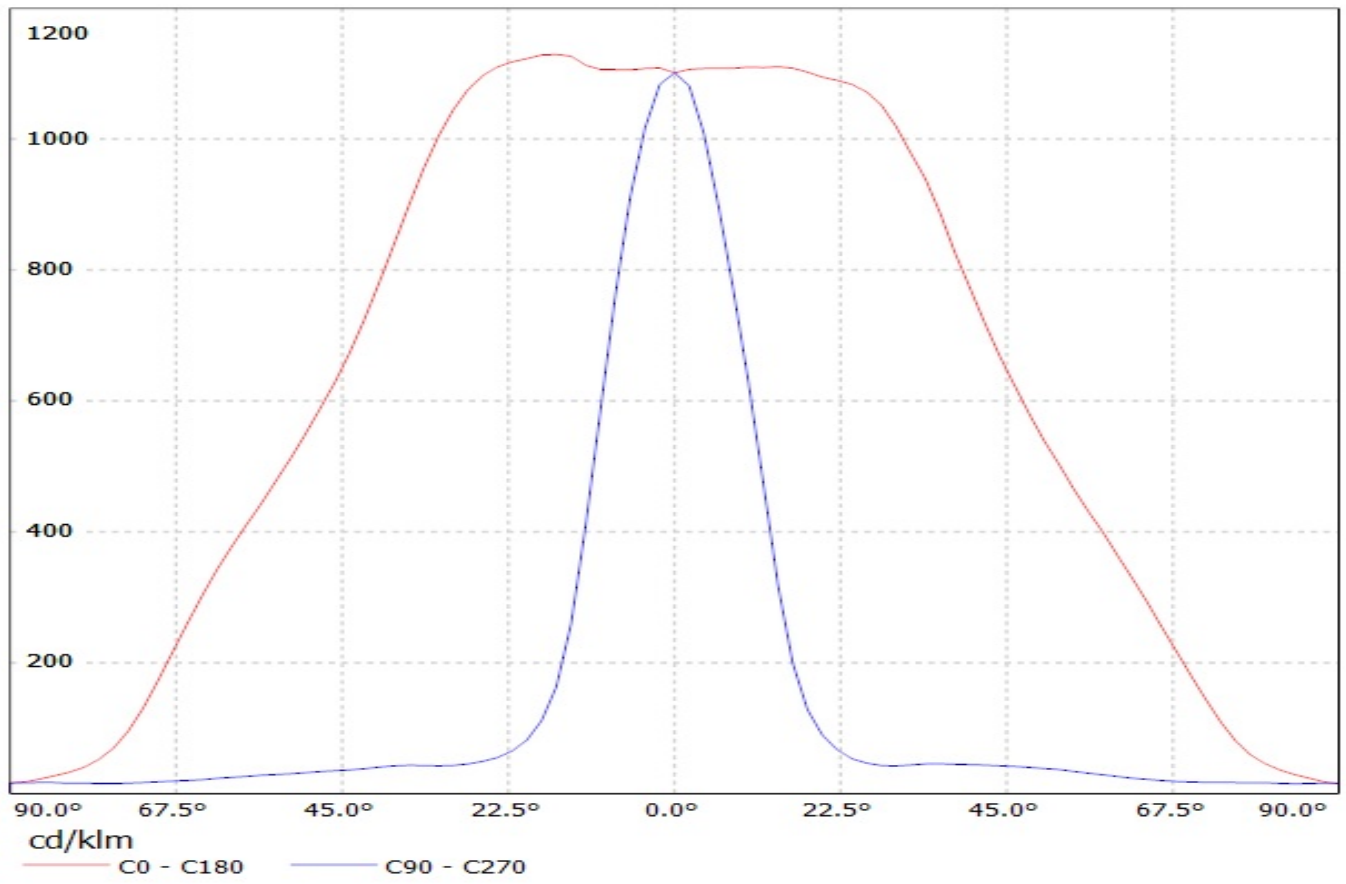


Ledil CA13058_FLARE-MINI-AD-PIN_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3) / LDC (Linear)

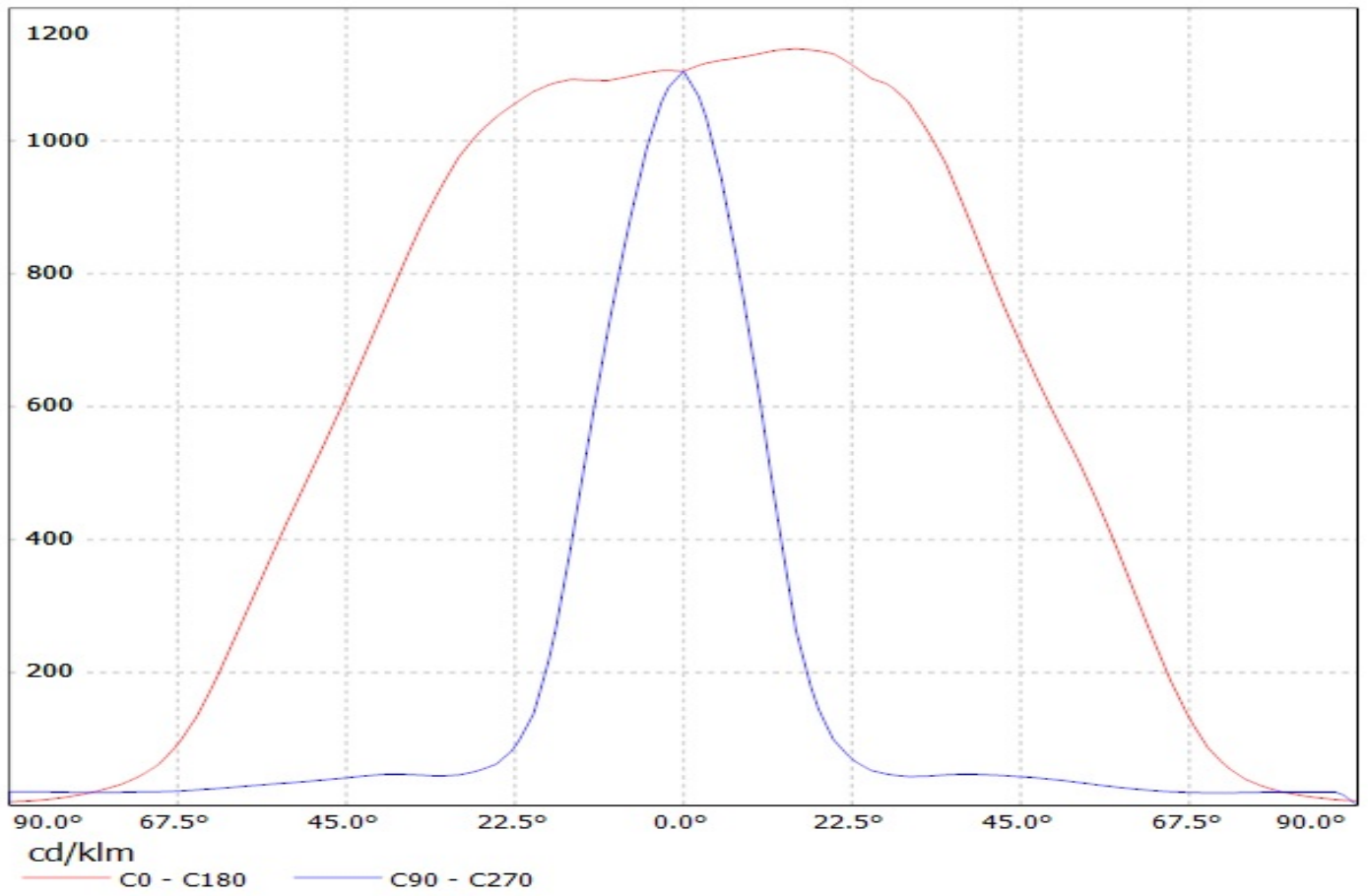
Luminaire: Ledil CA13058_FLARE-MINI-AD-PIN_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3)
Lamps: 1 x Philips_Fortimo_FastFlex_LED_board 2x8/757_DS_G3_(XP-G2)
_3428.78lm@500mA_P=23.7W_I=0.5A



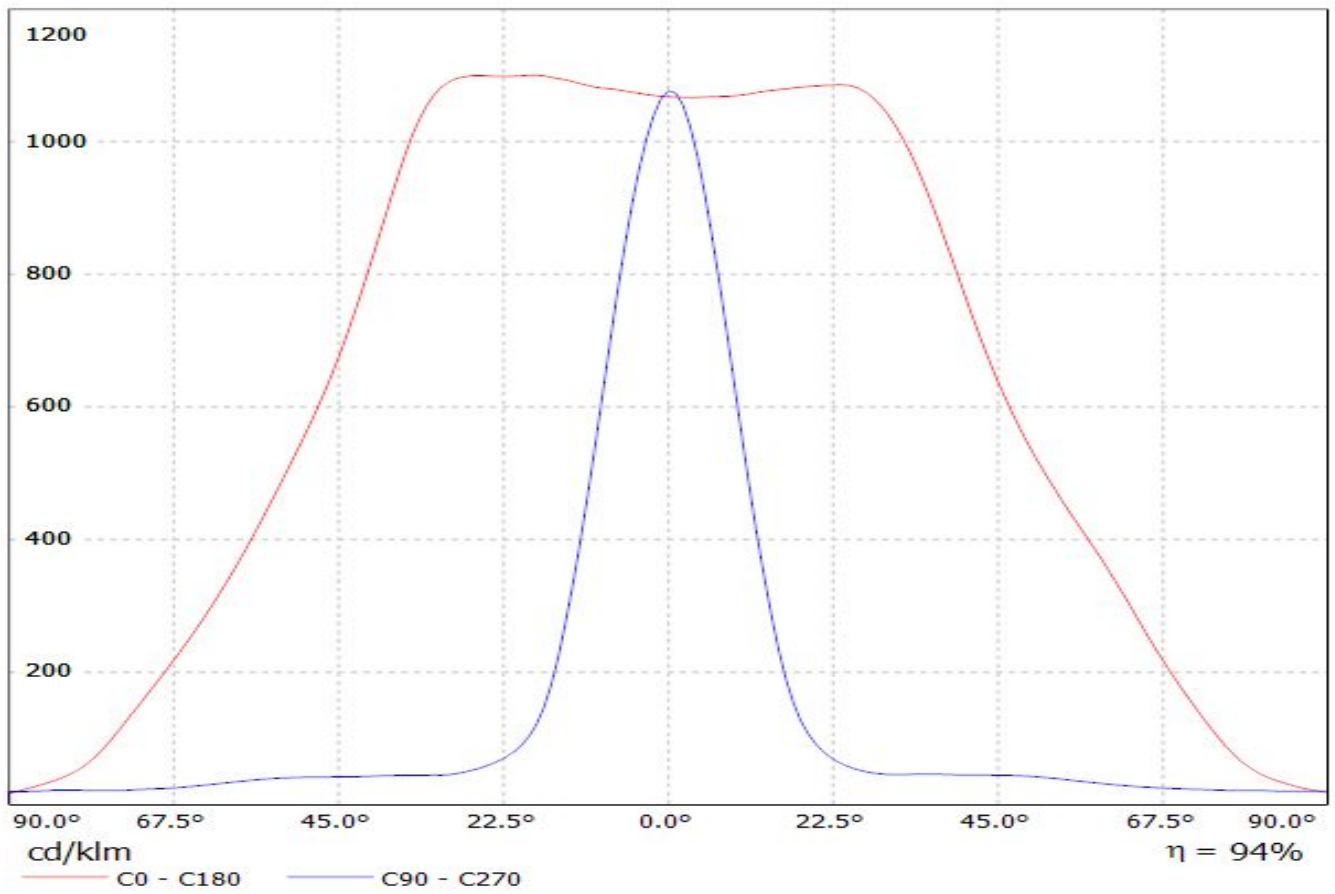
Luminaire: LEDil Oy CA13058_FLARE-MINI-AD-PIN_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5M1-W0-C8/W1-A5-G) 108lm @ 250mA CCT=9100K P=0.8W I=250mA



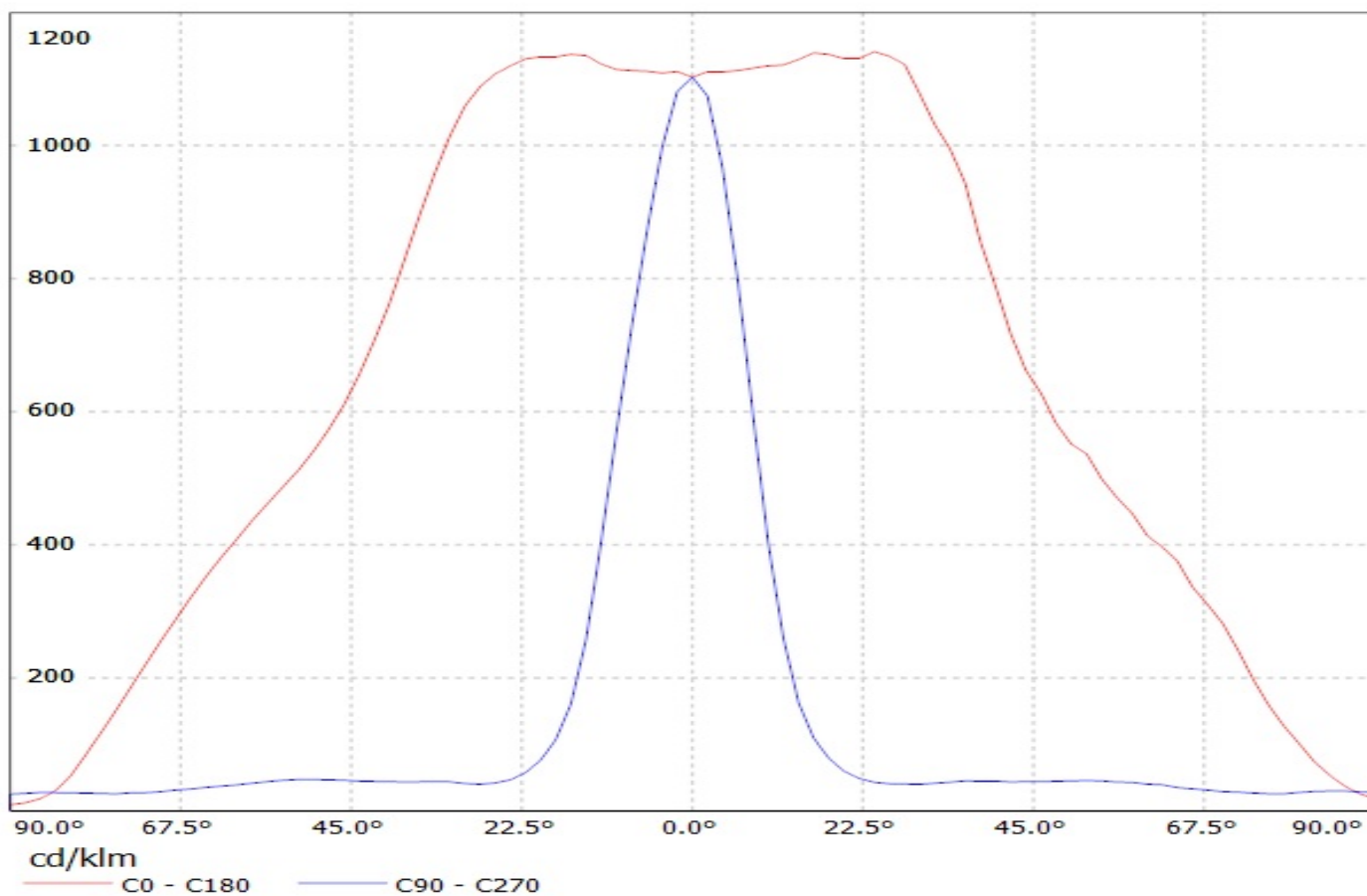
Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN_(LH351Z) Efficiency=94%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



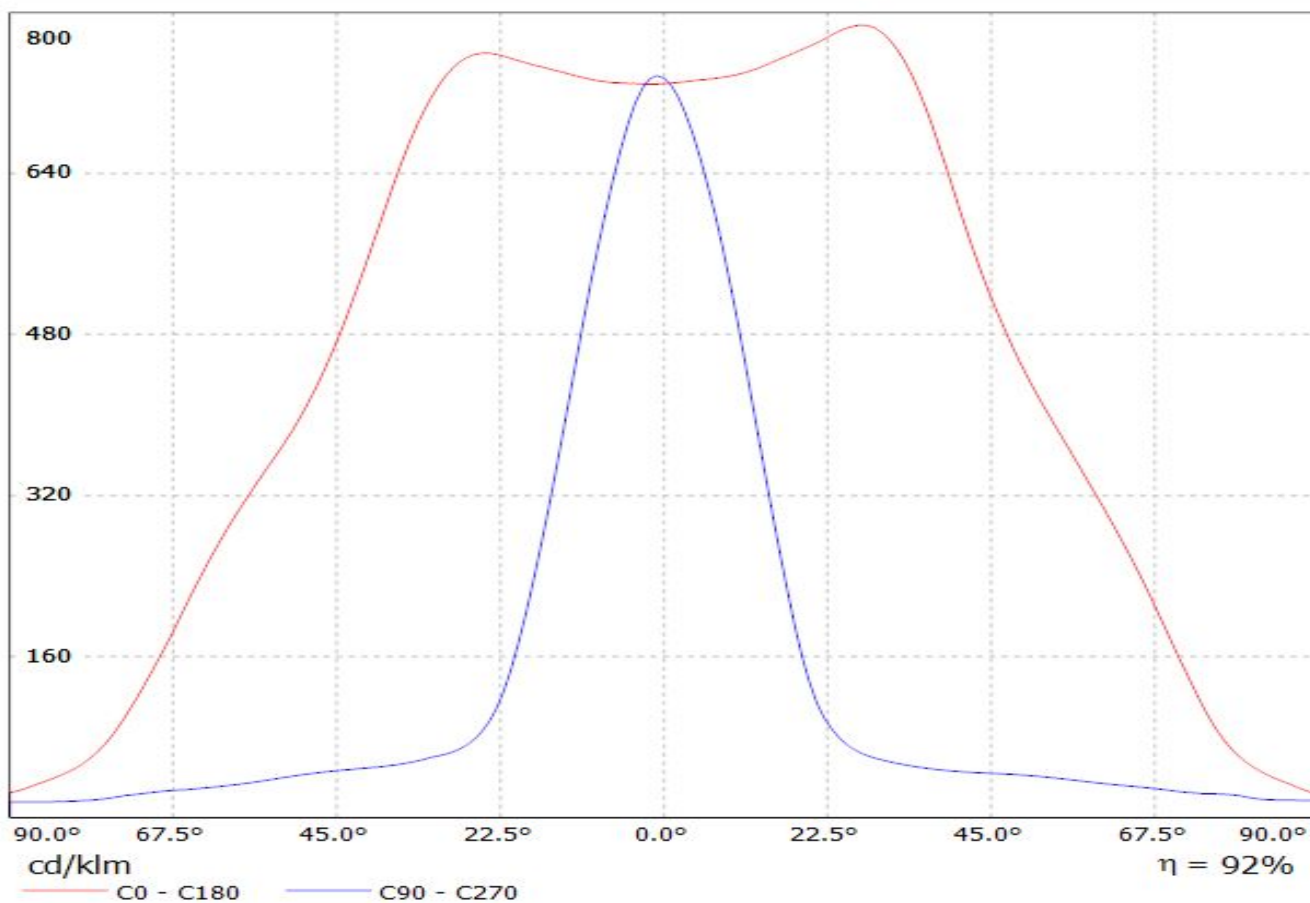
Luminaire: LEDiL Oy CA13058_FLARE-MINI-AD-PIN_(LG-3535-CERAMIC-GEN2) Eff.93%
Lamps: 1 x LG-3535-CERAMIC-GEN2_116.256lm@250mA_P=0.754973W_CCT=6235K_I=249.9mA



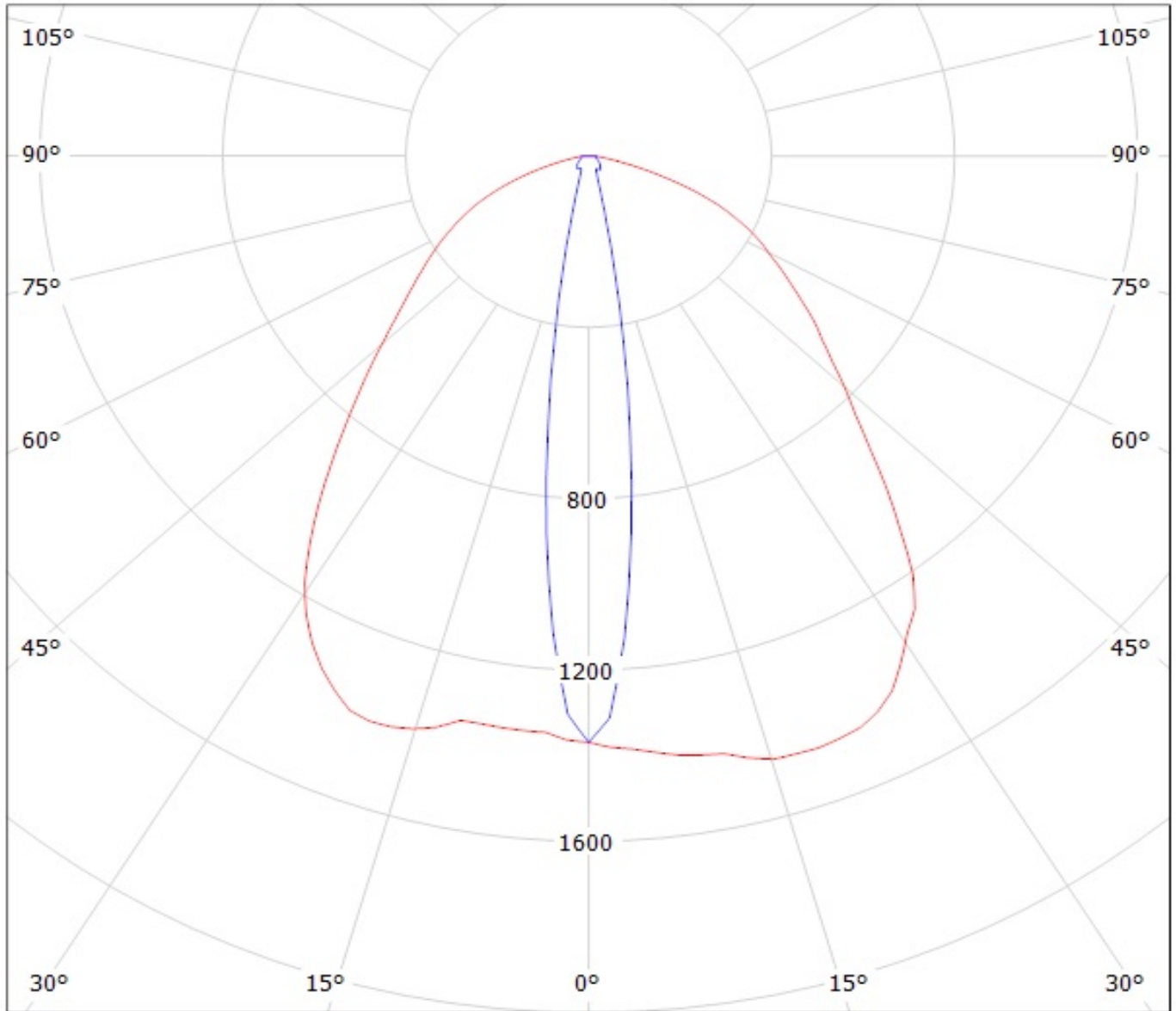
Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (Cree XT-E 98lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XT-E 98lm @ 250mA



Luminaire: LEDiL Oy CA13058_FLARE-MINI-AD-PIN_(XP-L)
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA

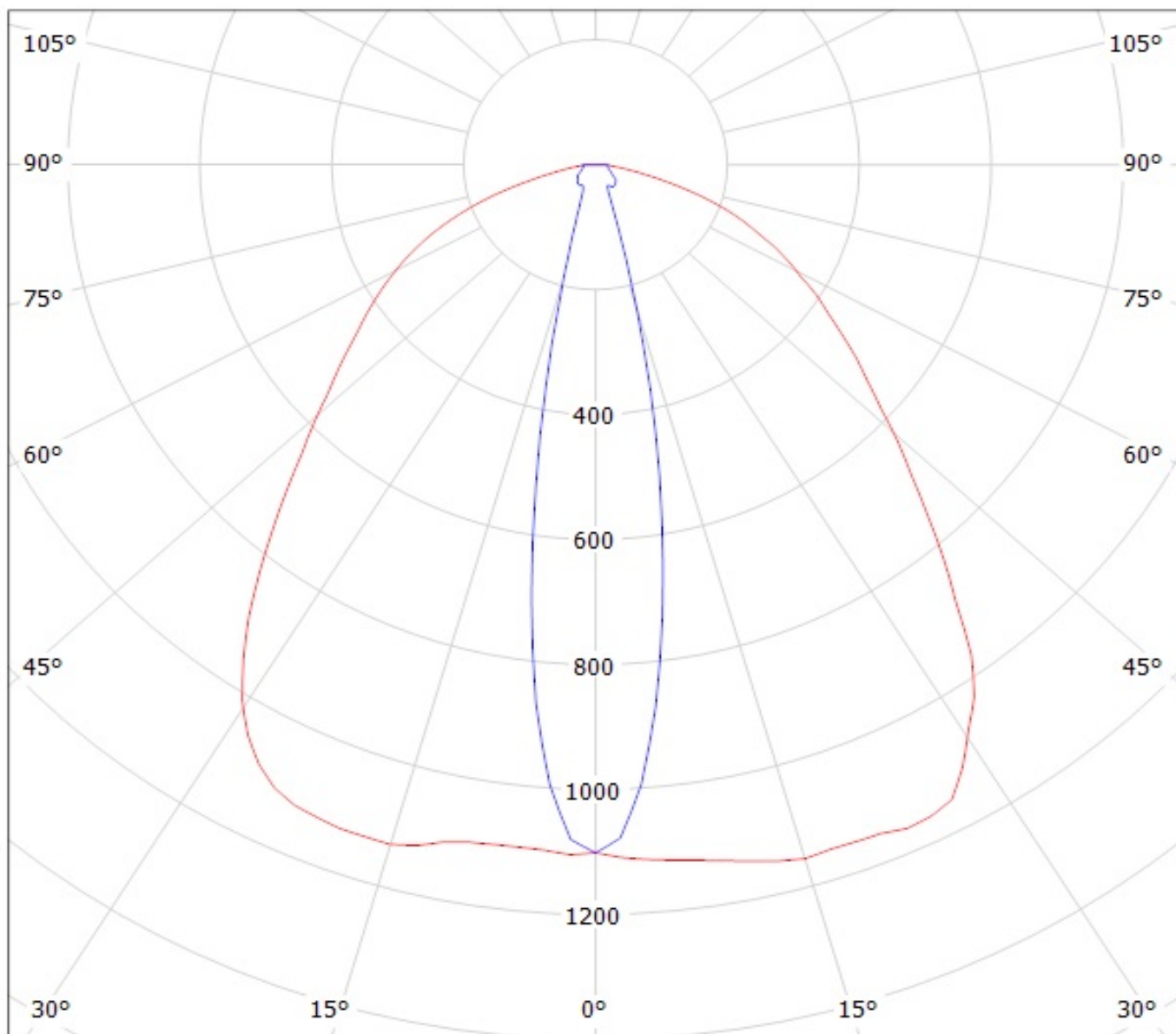


Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-E2 92 lm @ 250 mA) Efficiency=94%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-G2 (99lm @ 250mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99lm @ 250mA)



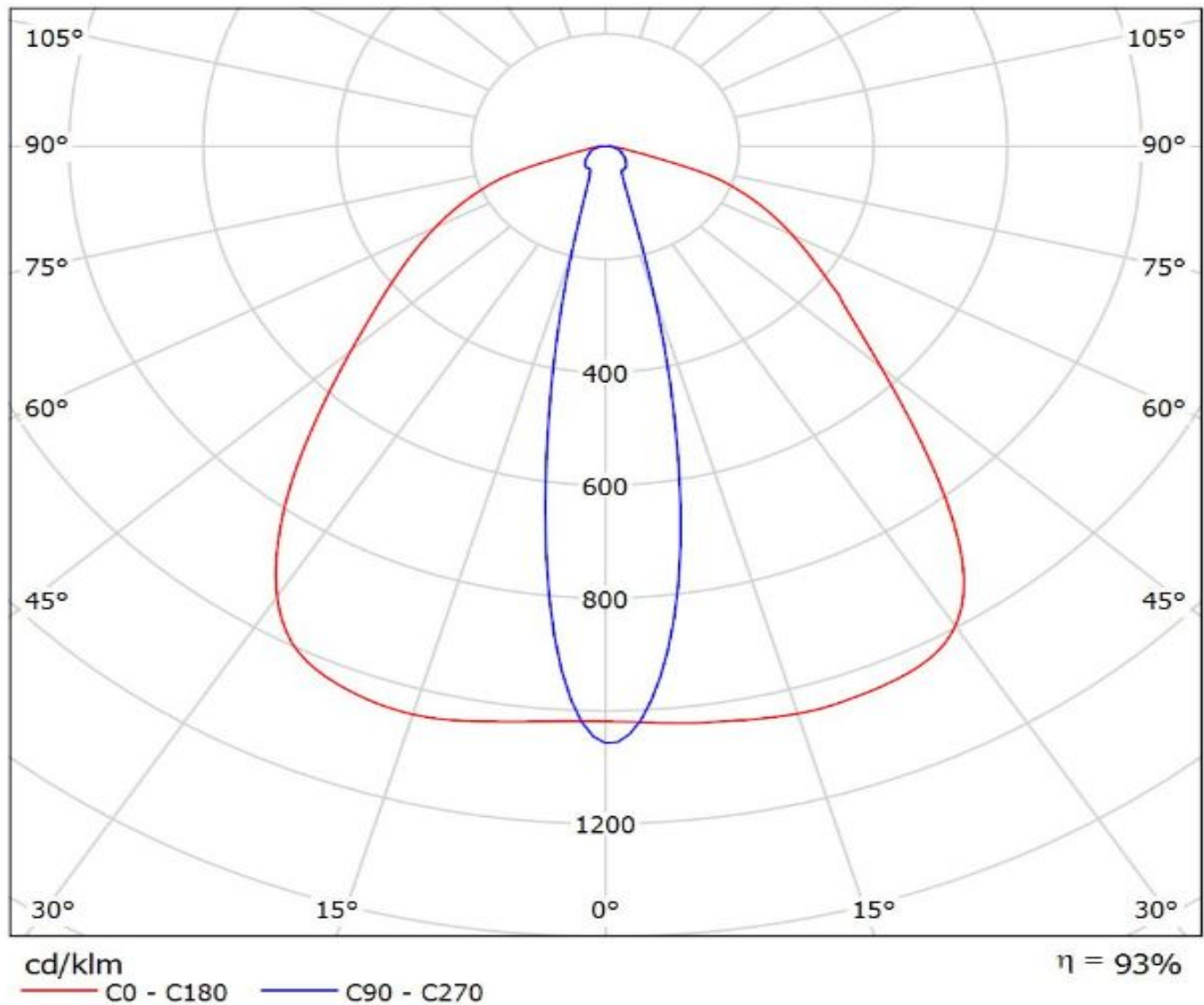
cd/klm

— C0 - C180

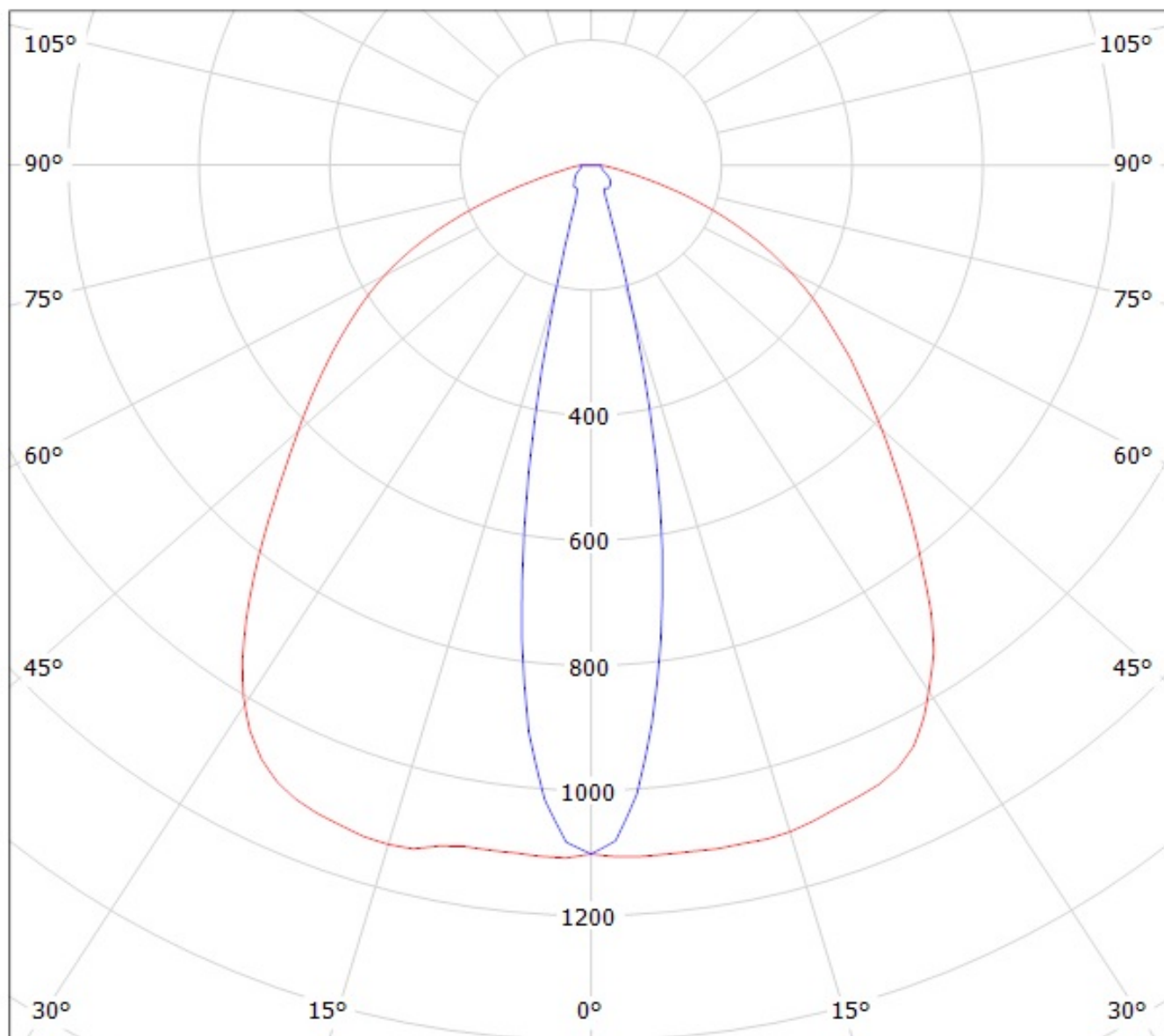
— C90 - C270

Ledil CA13058_FLARE-MINI-AD-PIN_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3) / LDC (Polar)

Luminaire: Ledil CA13058_FLARE-MINI-AD-PIN_(Fortimo_FastFlex_LED_board 2x8-757_DS_G3)
Lamps: 1 x Philips_Fortimo_FastFlex_LED_board 2x8/757_DS_G3_(XP-G2)
_3428.78lm@500mA_P=23.7W_I=0.5A



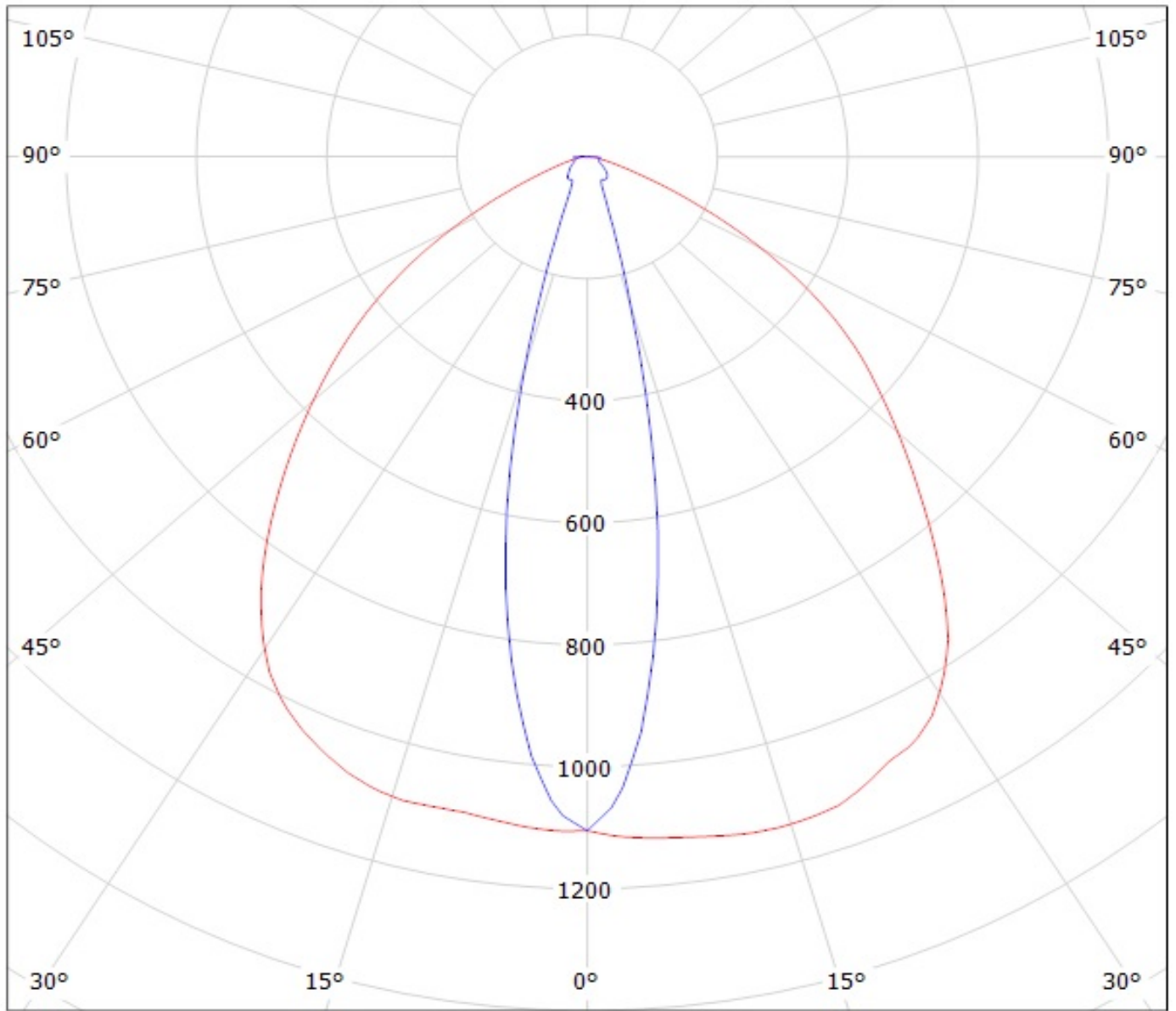
Luminaire: LEDil Oy CA13058_FLARE-MINI-AD-PIN_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5M1-W0-C8/W1-A5-G) 108lm @ 250mA CCT=9100K P=0.8W I=250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN_(LH351Z) Efficiency=94%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA

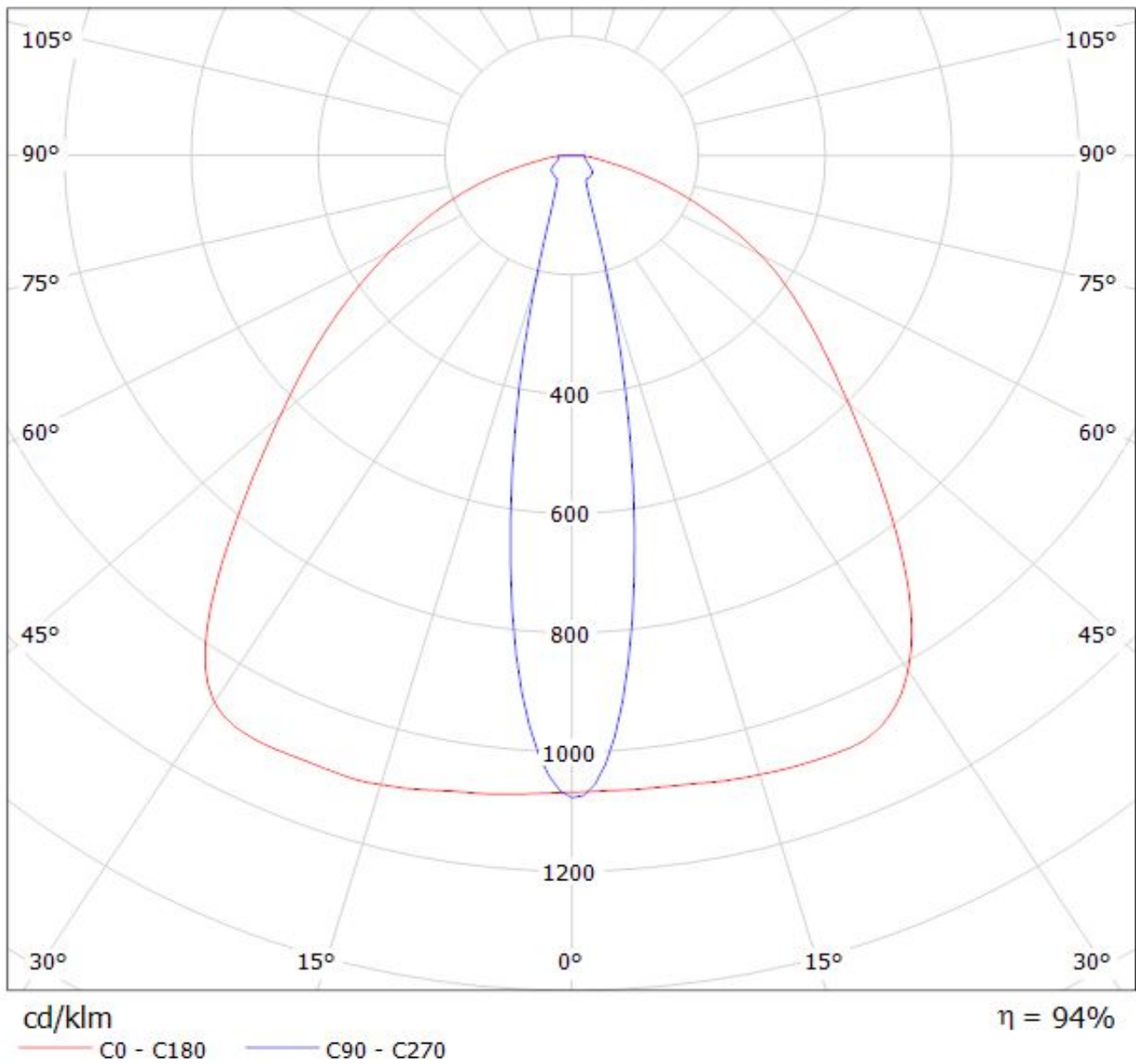


cd/klm

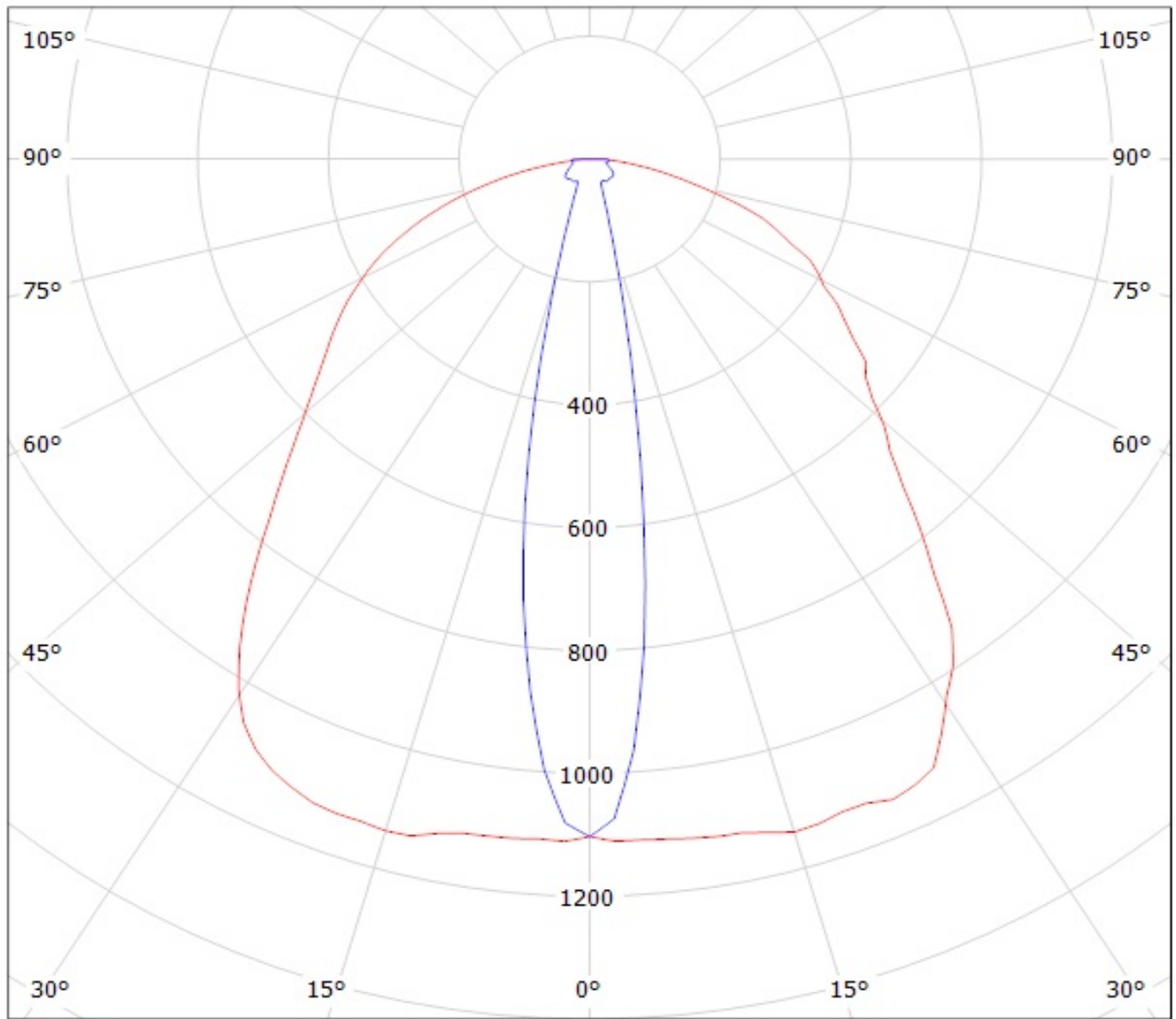
— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13058_FLARE-MINI-AD-PIN_(LG-3535-CERAMIC-GEN2) Eff.93%
Lamps: 1 x LG-3535-CERAMIC-GEN2_116.256lm@250mA_P=0.754973W_CCT=6235K_I=249.9mA



Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (Cree XT-E 98lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XT-E 98lm @ 250mA

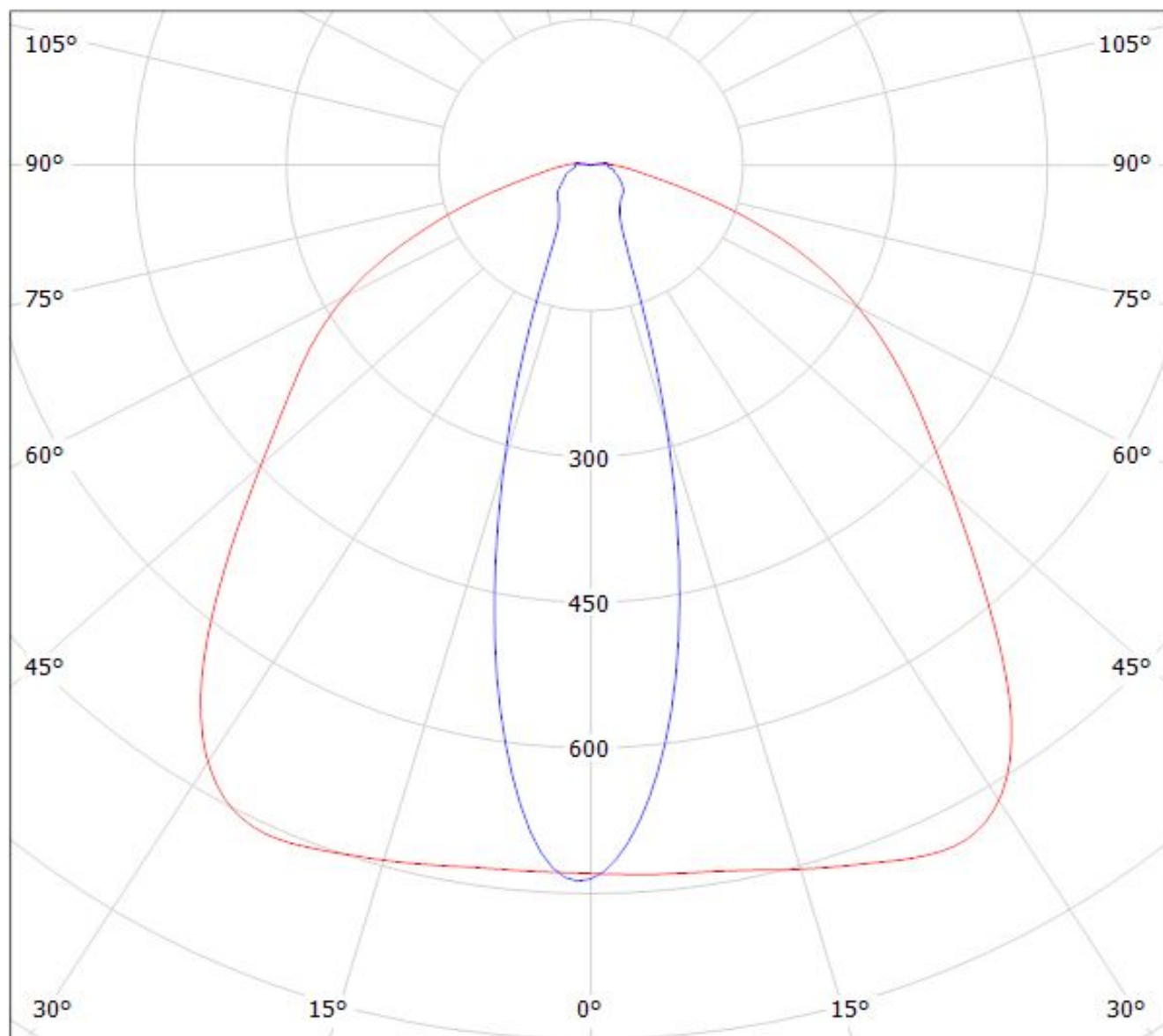


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA13058_FLARE-MINI-AD-PIN_(XP-L)

Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

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.