

## DETAILS

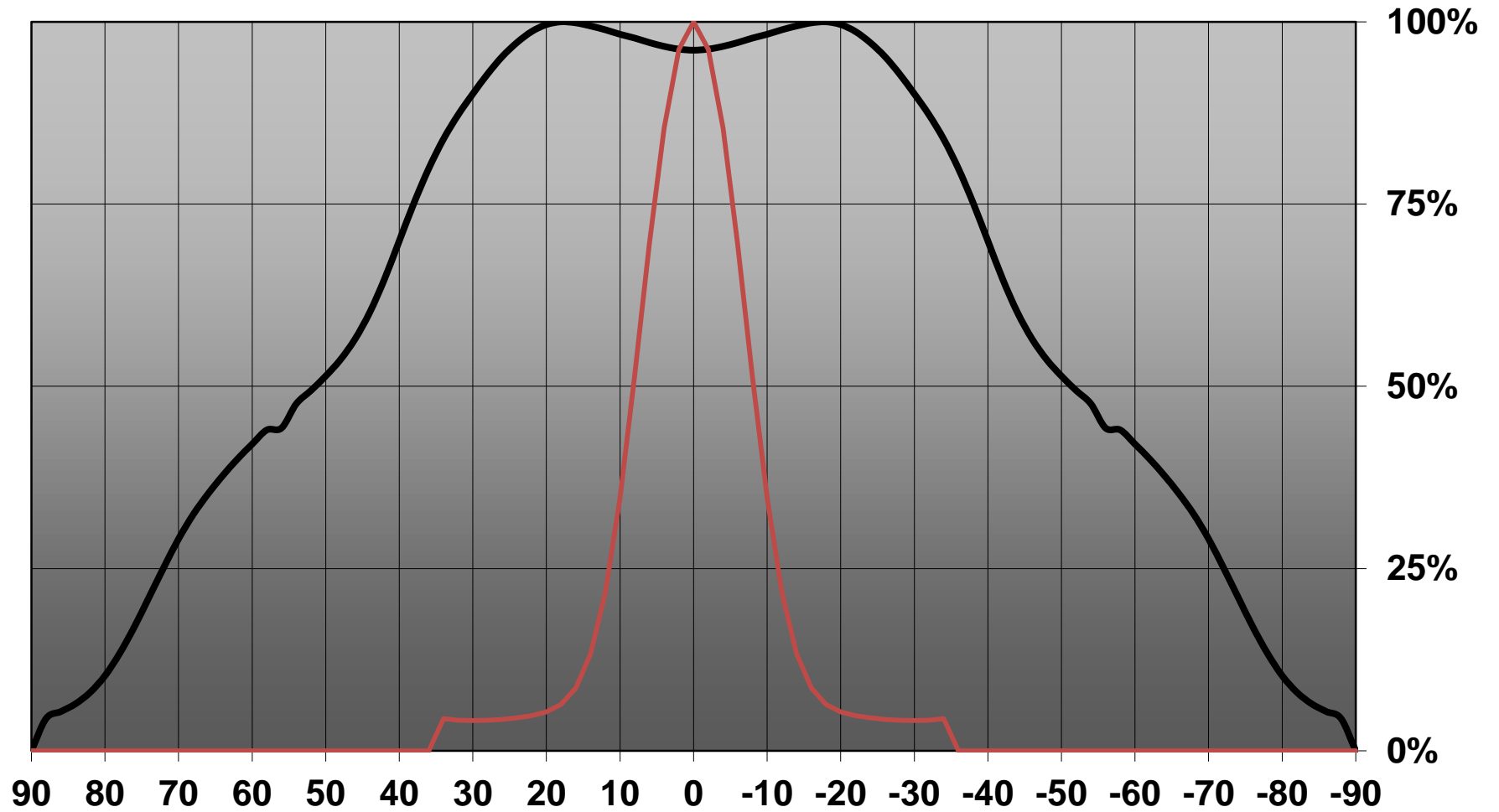
<b>Product Number</b>	CA13058_FLARE-MINI-AD-PIN
<b>Family</b>	Flare
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	16 mm
<b>Height</b>	9,1 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	pin, tape
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	5/10/2015



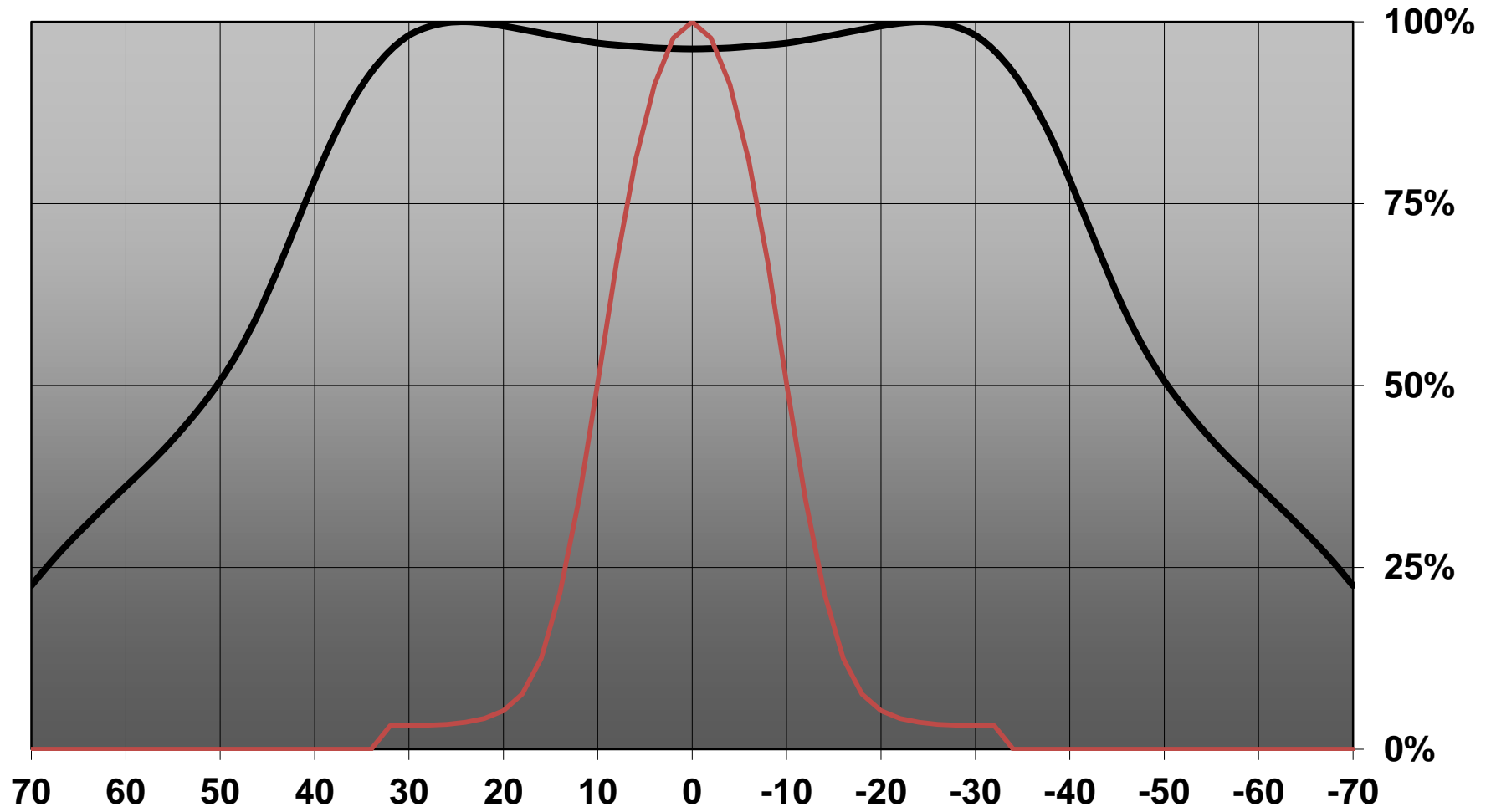
## OPTICAL PROPERTIES

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-E2	90+16 deg	Oval	94 %	1.400	-
XP-G2	95+21 deg	Oval	94 %	1.100	-
XP-L	108+27 deg	Oval	92 %	0.780	-
XP-L2	102+29 deg	Oval	94 %	0.770	-
H35C1 (LEMWA33)	100+20 deg	Oval	93 %	1.100	-
LUXEON A	92+20 deg	Oval	94 %	1.100	-
LUXEON C	sim: 13+86	Oval	sim: 93 %	sim: 1.570	-
NVSxx19A	100+20 deg	Oval	94 %	1.100	-
Oslon Square EC	92+21 deg	Oval	94 %	1.100	-
Fortimo FastFlex LED board 2x8/757 DS	99+21 deg	Oval	93 %	1.100	-
LH351Z	99+24 deg	Oval	94 %	1.100	-
Z5M1/Z5M2	99+22 deg	Oval	94 %	-	-

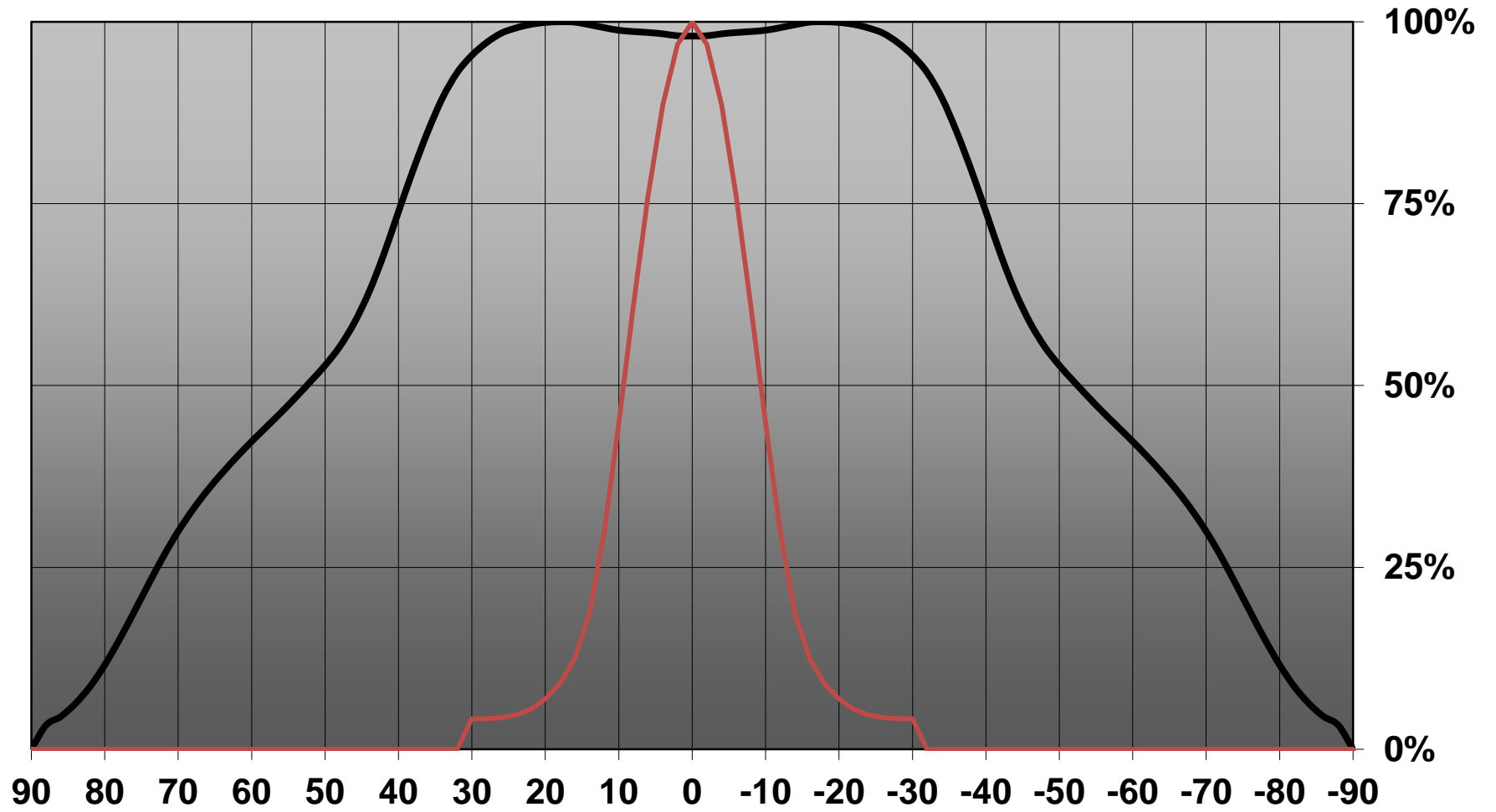
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-XBD



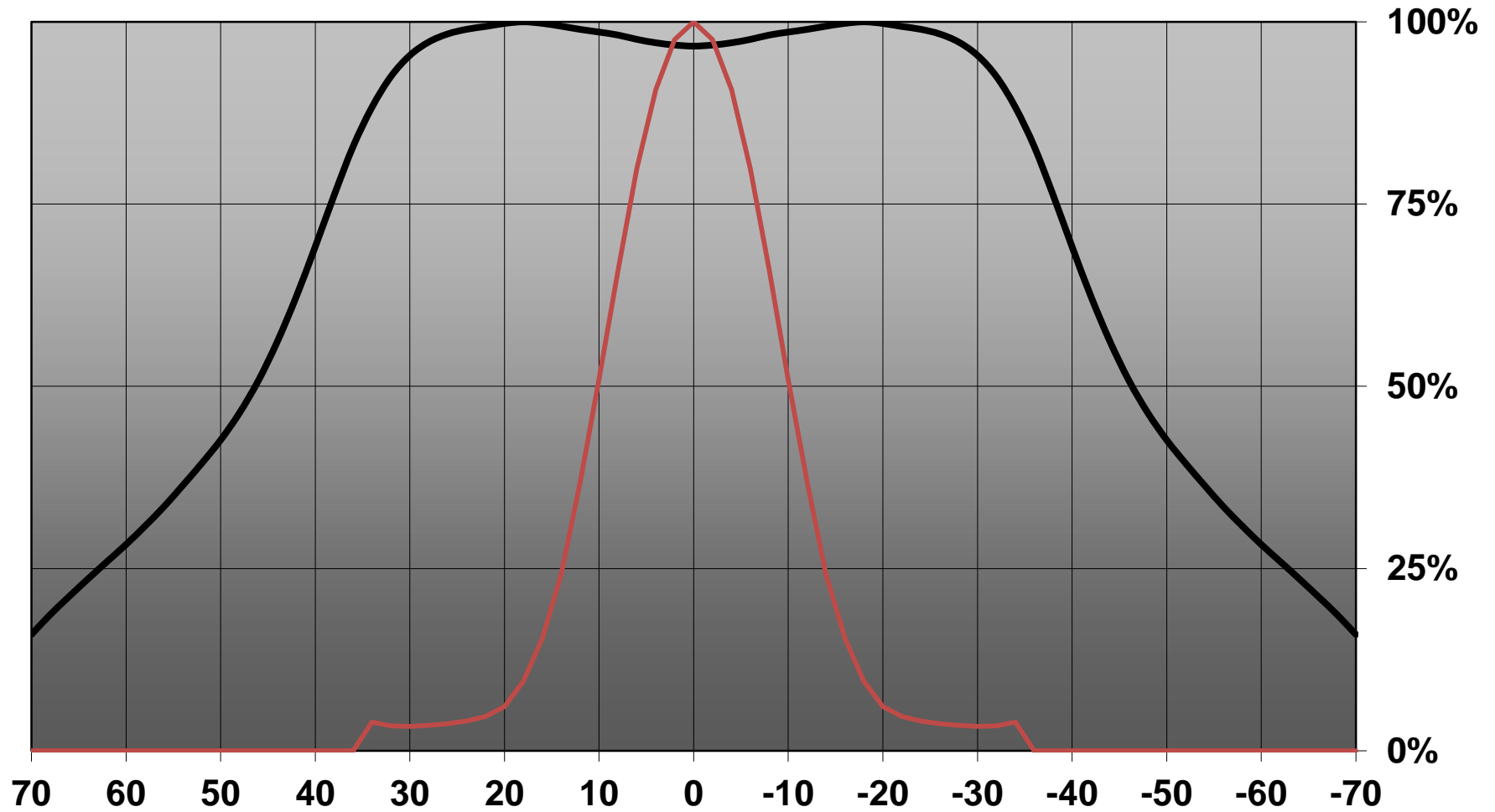
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-XPG



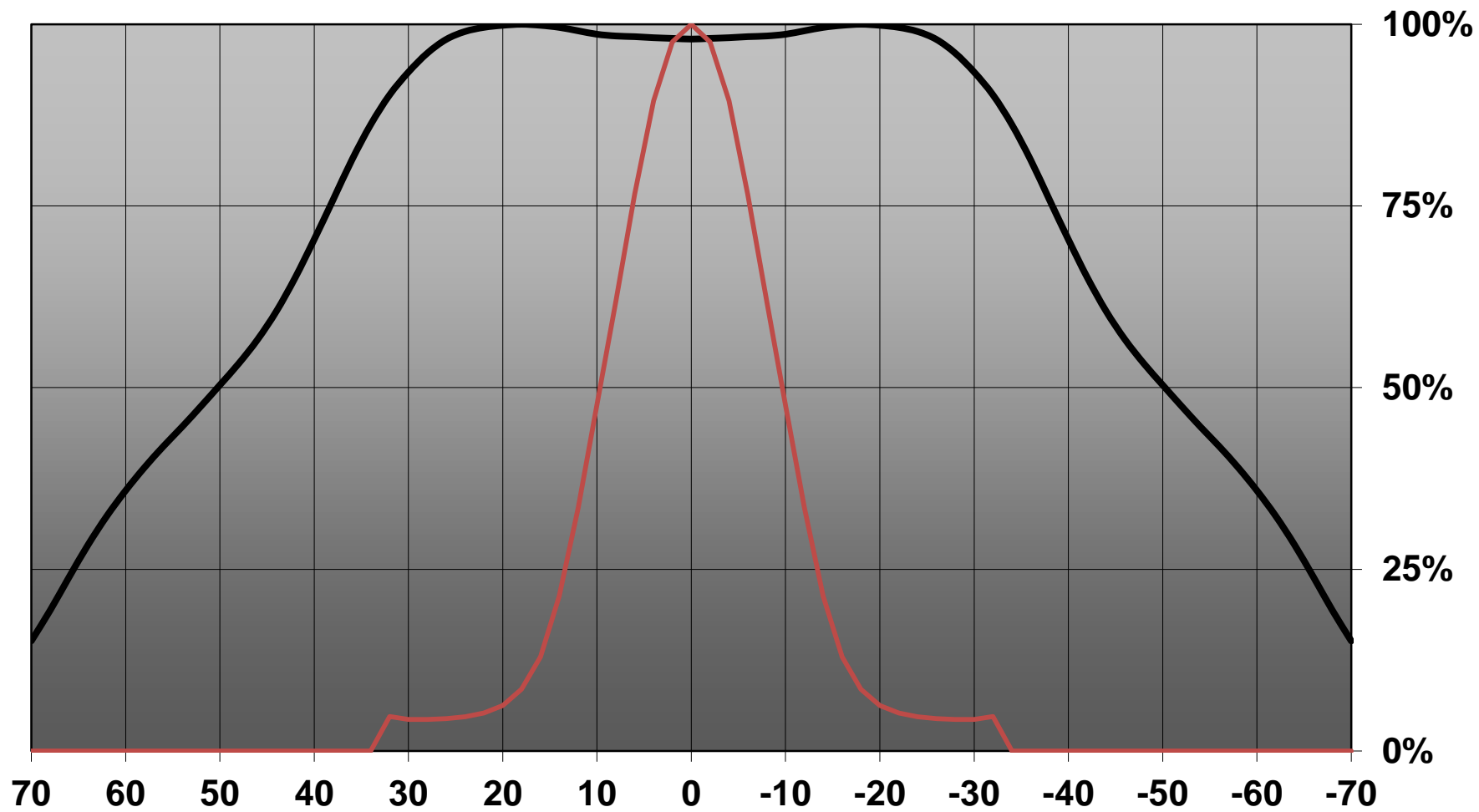
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-XTE



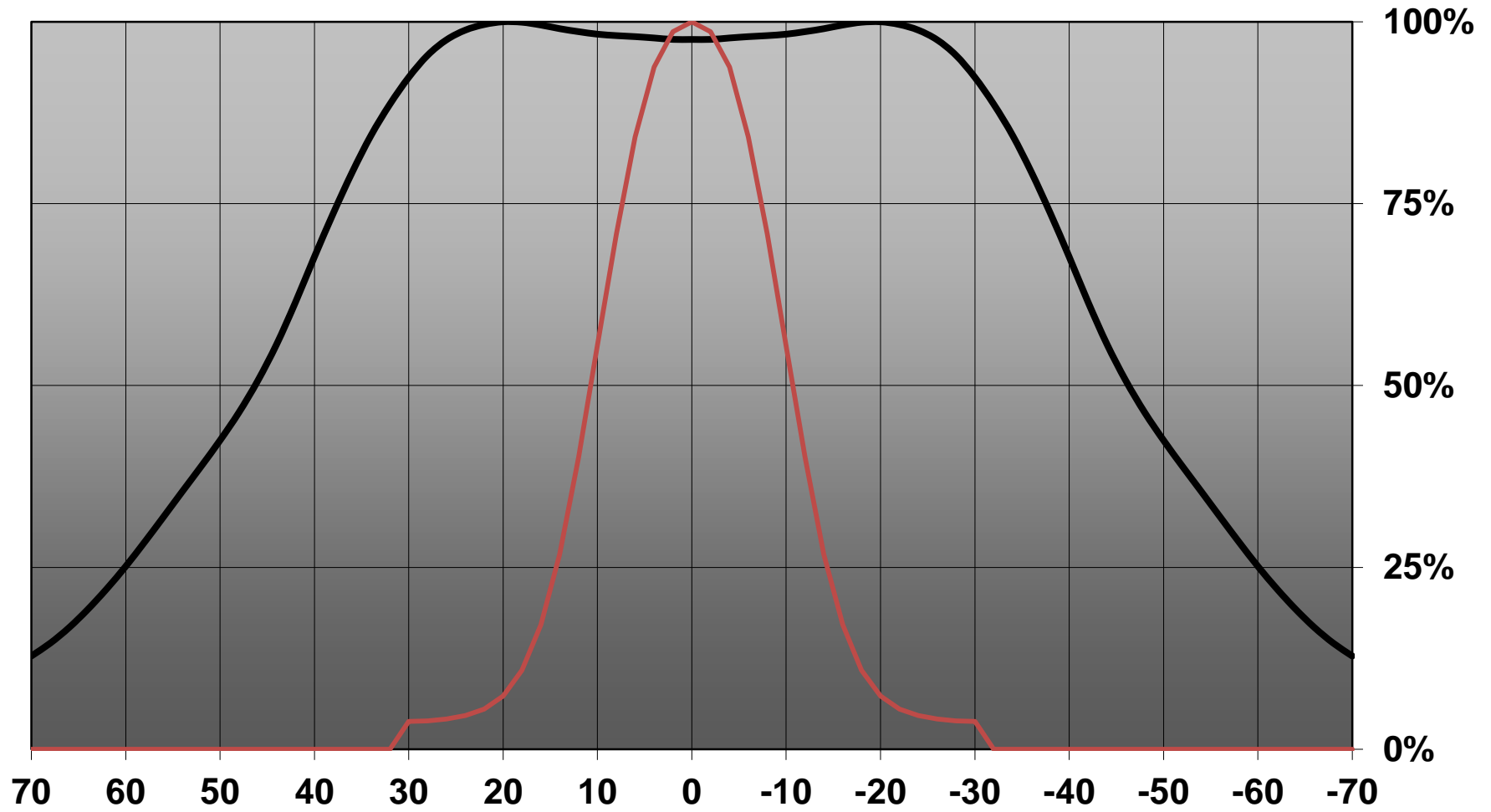
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-LuxA



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

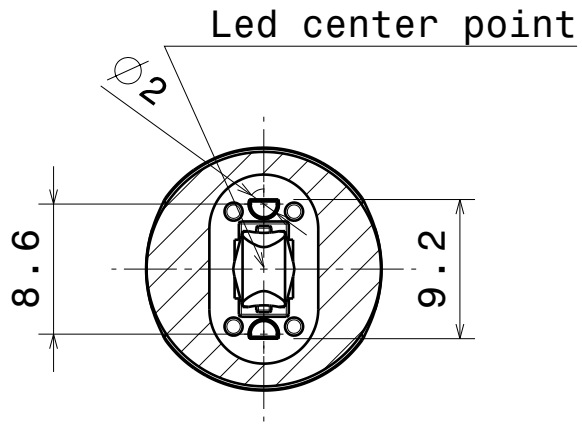
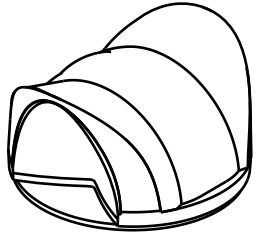


Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-SQEC



D C B A

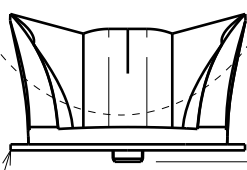
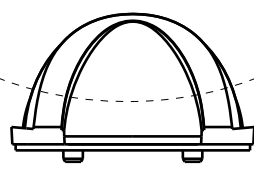
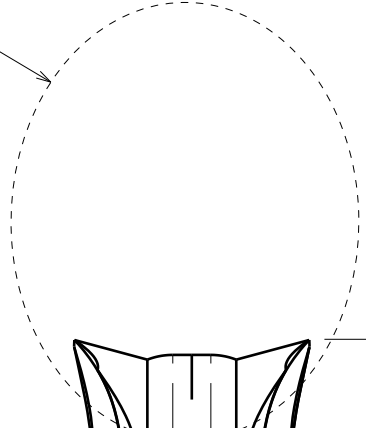
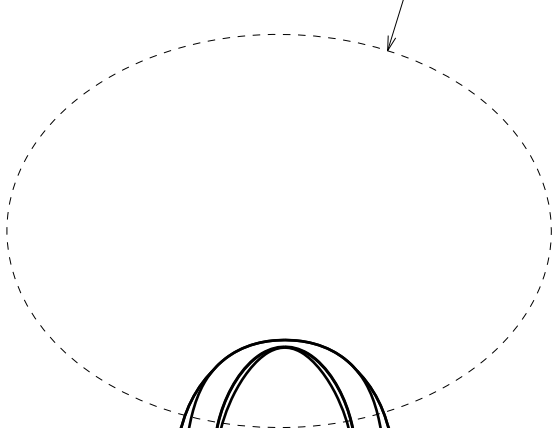
4



4

3

Beam direction



9.1

Tape 0.4mm

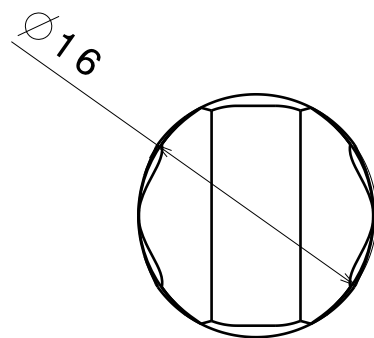
0.8

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.



3

2

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWING TITLE  
**Datasheet Flare-Mini-AD-PIN Assy**

DRAWN BY  
jk  
DATE  
20151005

CHECKED BY  
DATE  
DESIGNED BY  
pl  
DATE  
27.02.2012

SIZE  
**A4**  
DRAWING NUMBER  
**CA13058**  
REV

SCALE  
**2:1**  
WEIGHT  
**1,25 G**  
SHEET  
**1/1**

1

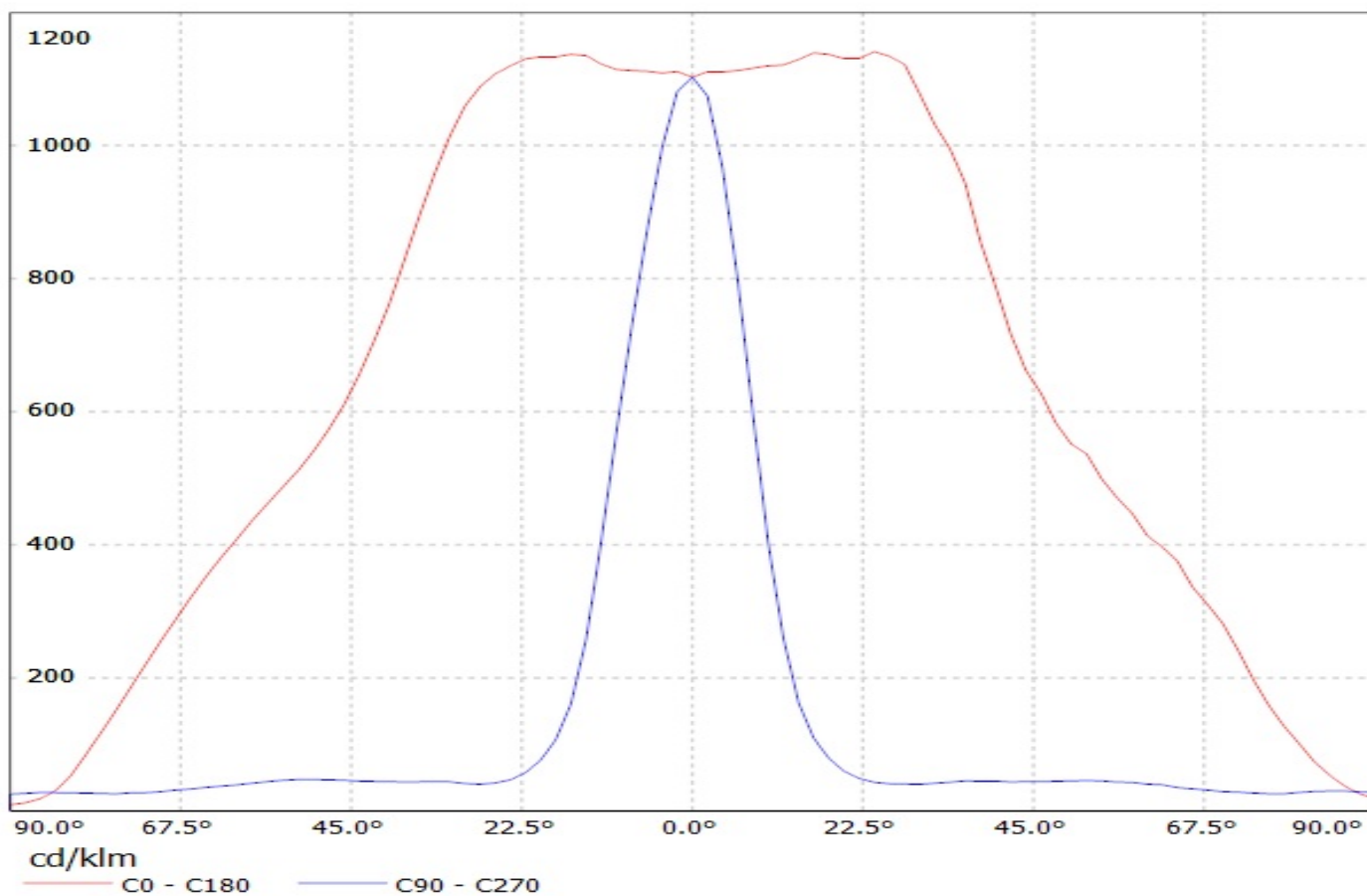
1

D

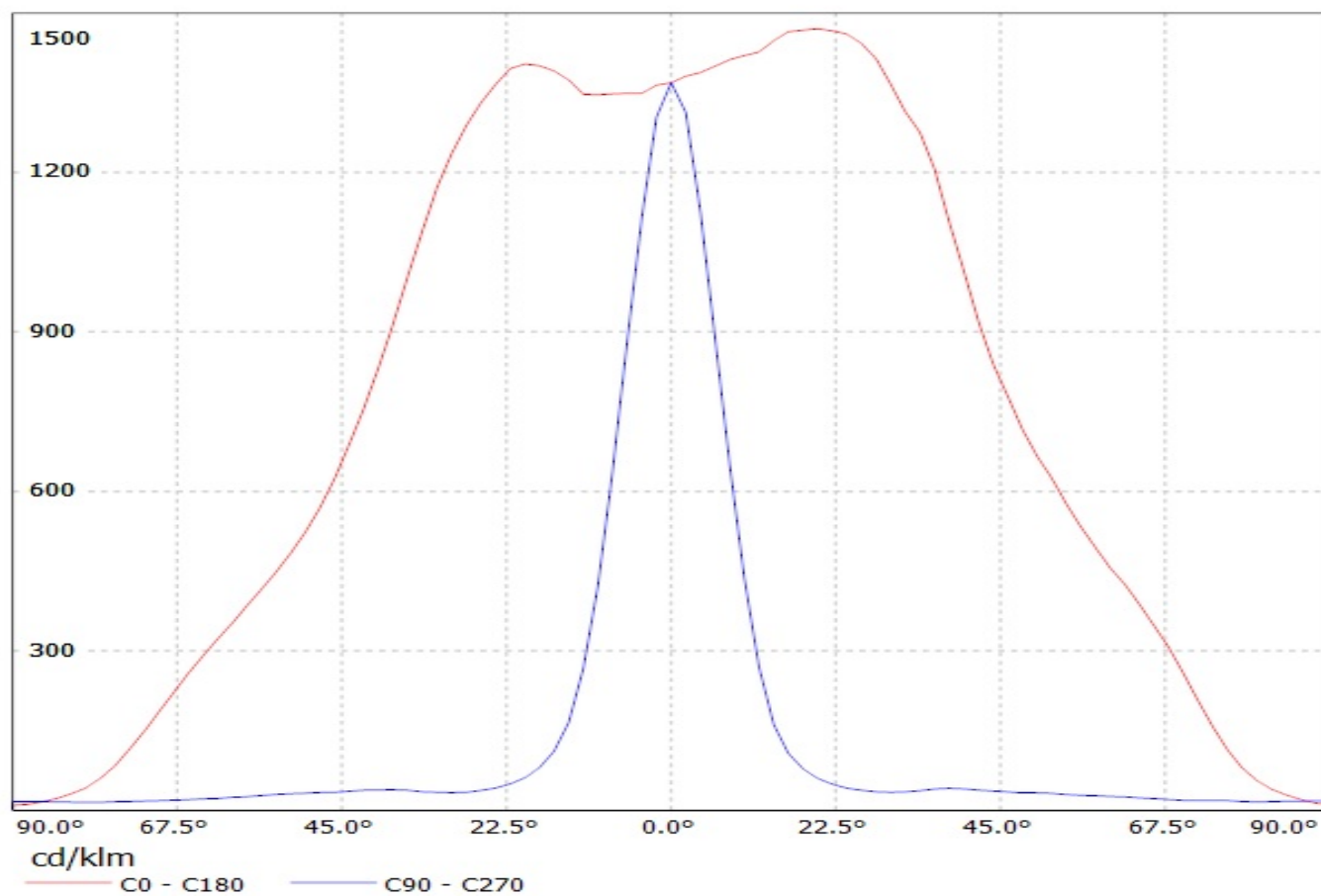
A



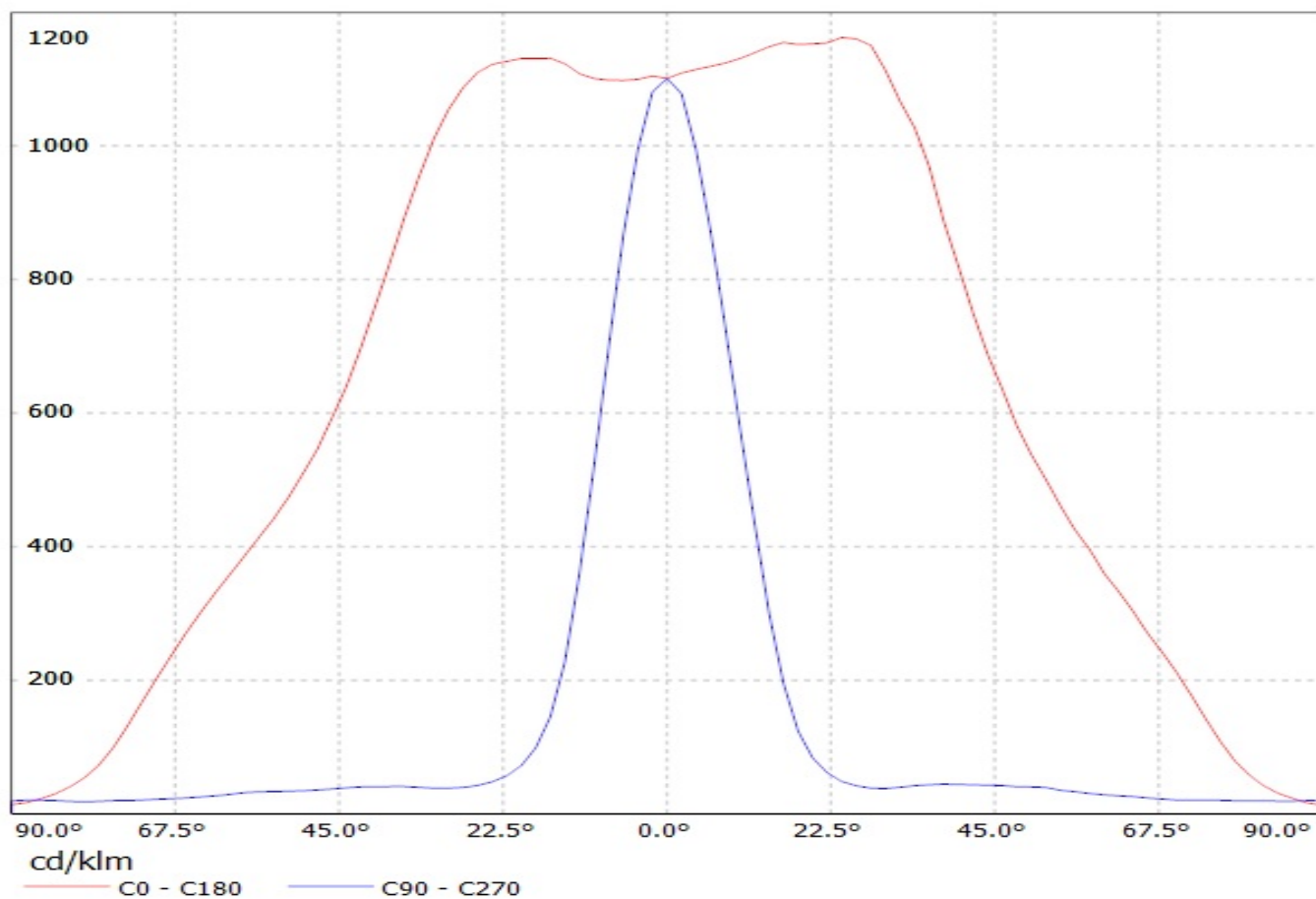
Luminaire: Ledil Oy CA13058\_FLARE-MINI-AD-PIN (Cree XT-E 98lm @ 250mA) Efficiency=94%  
Lamps: 1 x Cree XT-E 98lm @ 250mA



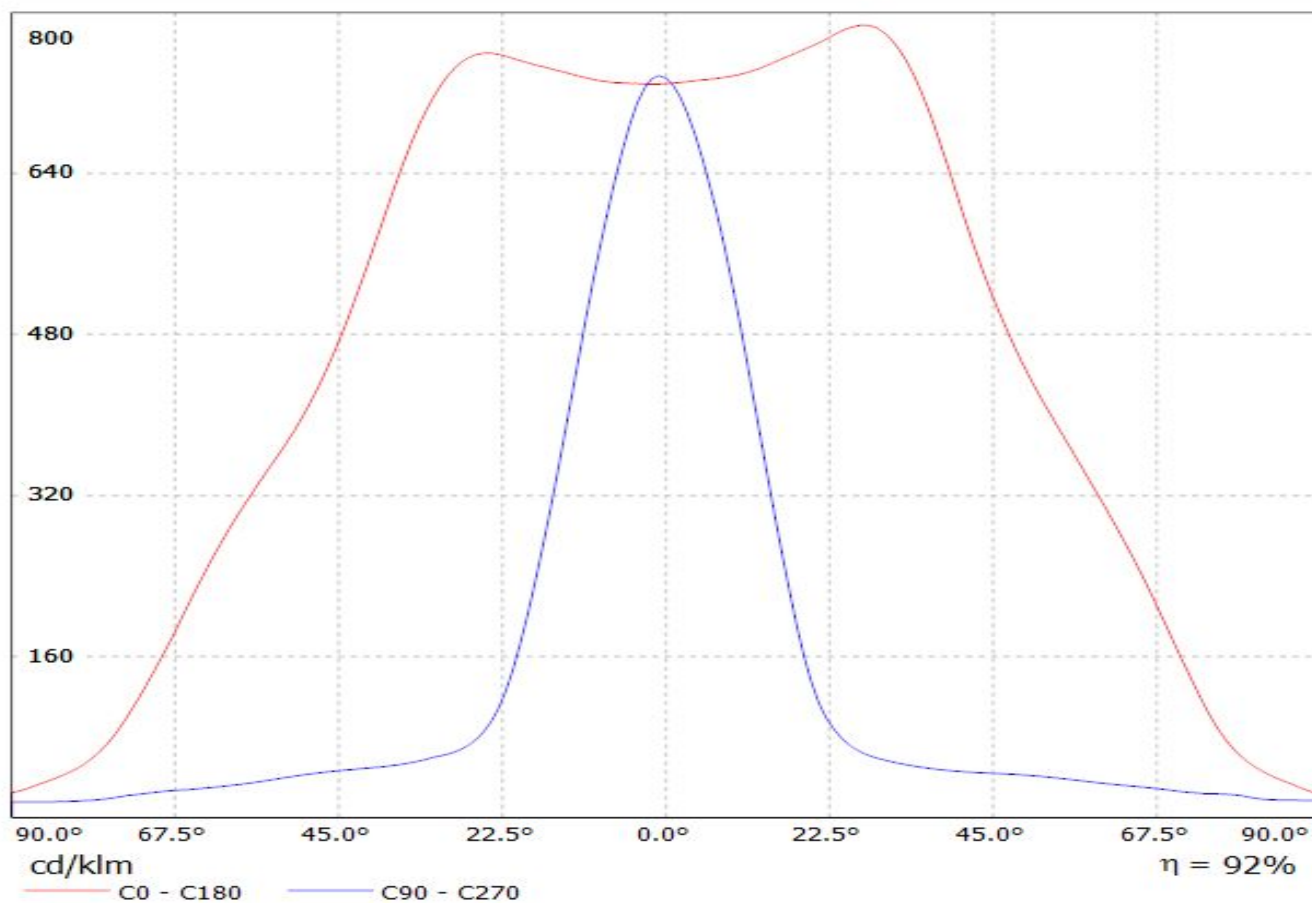
Luminaire: Ledil Oy CA13058\_FLARE-MINI-AD-PIN (CREE XP-E2 92 lm @ 250 mA) Efficiency=94%  
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA



Luminaire: Ledil Oy CA13058\_FLARE-MINI-AD-PIN (CREE XP-G2 (99lm @ 250mA)) Efficiency=94%  
Lamps: 1 x CREE XP-G2 (99lm @ 250mA)

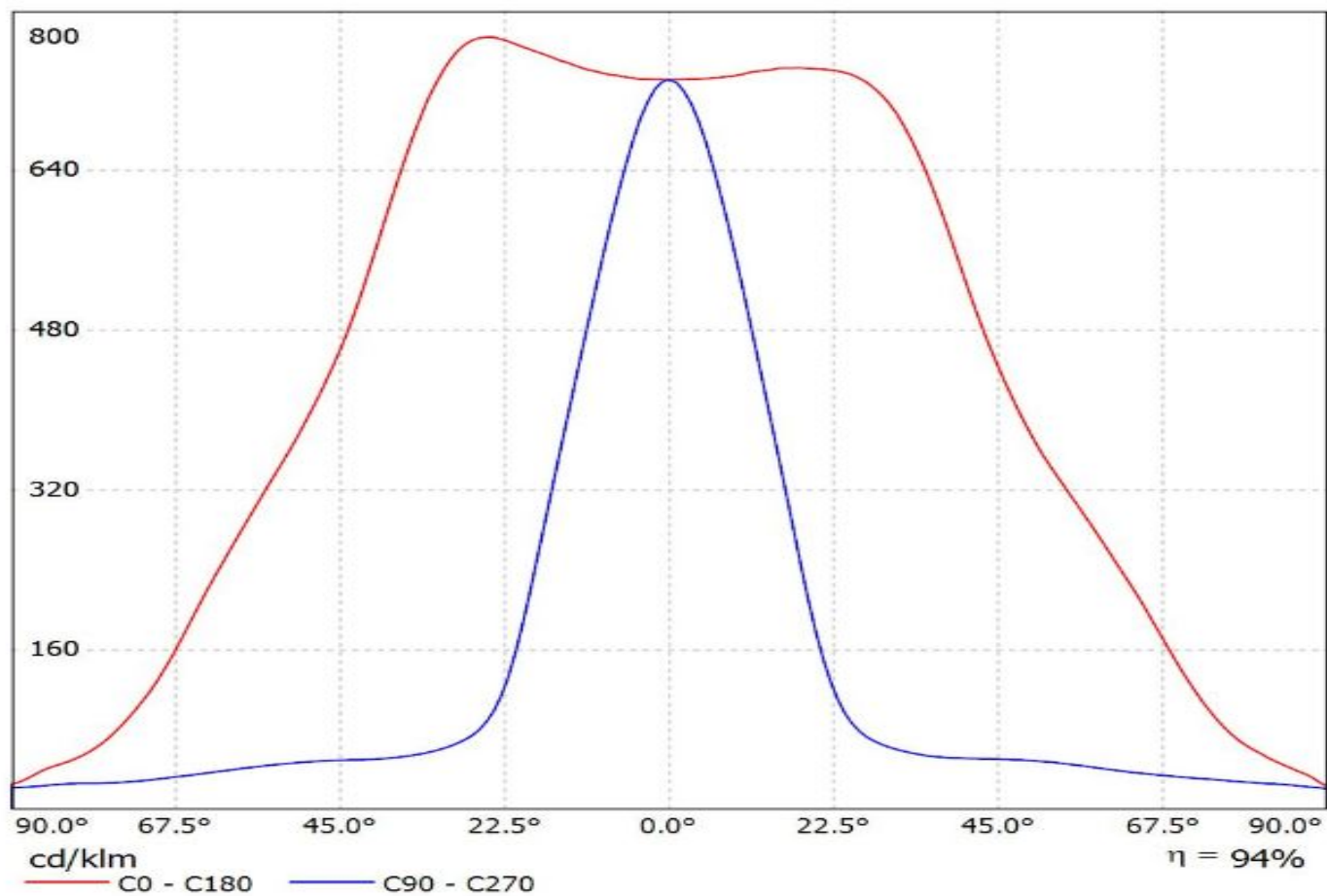


Luminaire: LEDiL Oy CA13058\_FLARE-MINI-AD-PIN\_(XP-L)  
Lamps: 1 x Cree\_XP-L\_127.813lm@250mA\_P=0.73723W\_I=249.9mA

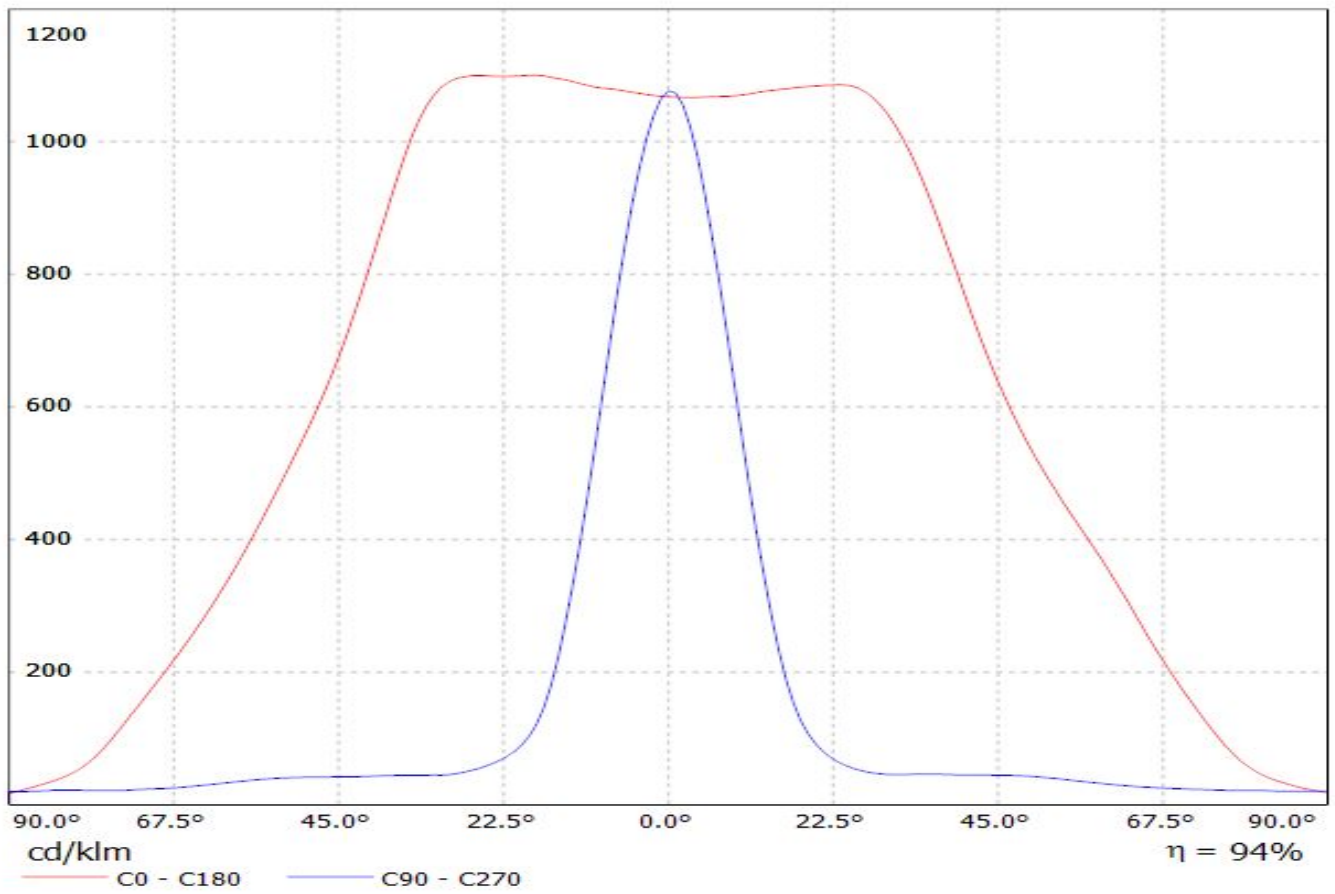


Luminaire: Ledil CA13058\_FLARE-MINI-AD-PIN\_(XP-L2)

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

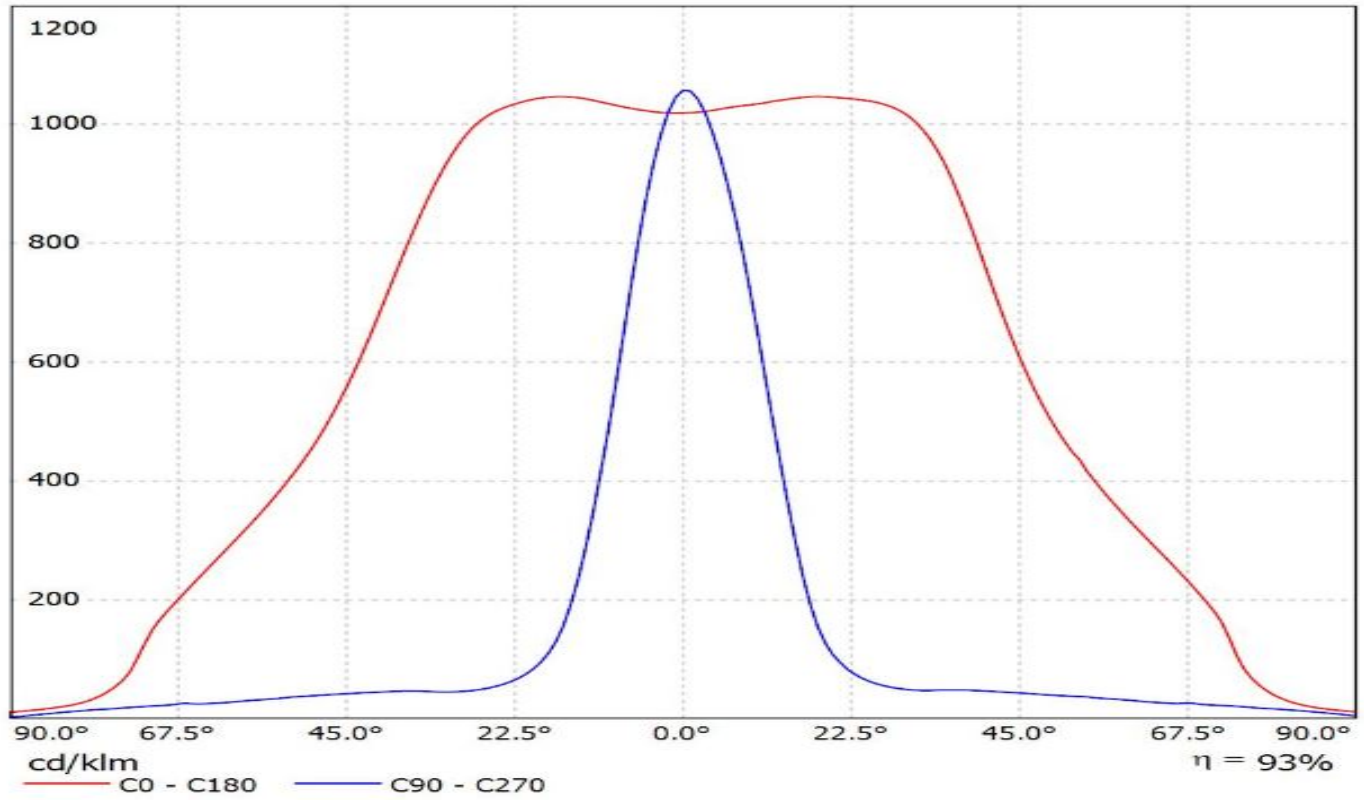


Luminaire: LEDiL Oy CA13058\_FLARE-MINI-AD-PIN\_(LG-3535-CERAMIC-GEN2) Eff.93%  
Lamps: 1 x LG-3535-CERAMIC-GEN2\_116.256lm@250mA\_P=0.754973W\_CCT=6235K\_I=249.9mA

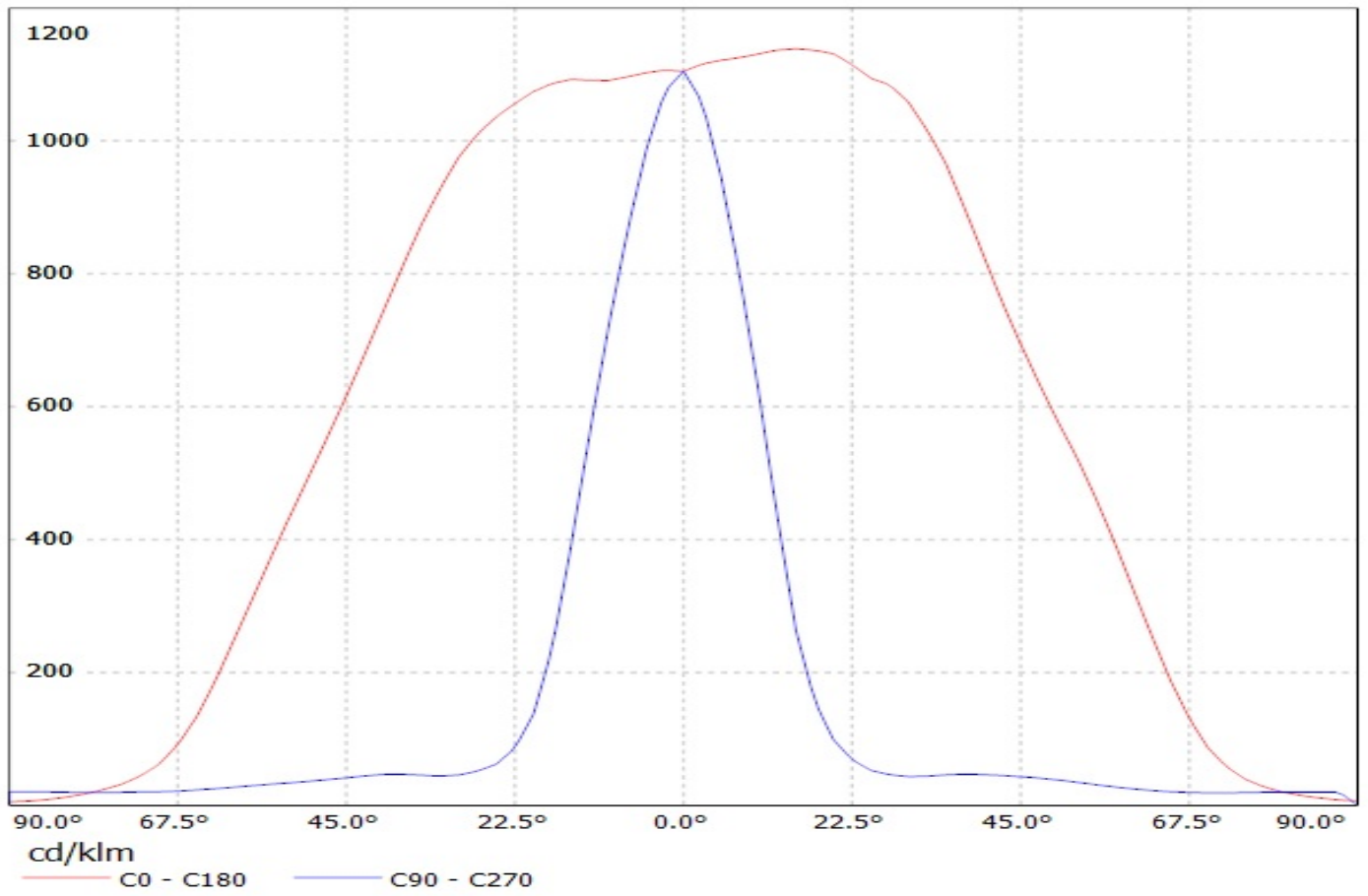


**Ledil CA13058\_FLARE-MINI-AD-PIN\_(Fortimo\_FastFlex\_LED\_board 2x8-757\_DS\_G3) / LDC (Linear)**

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

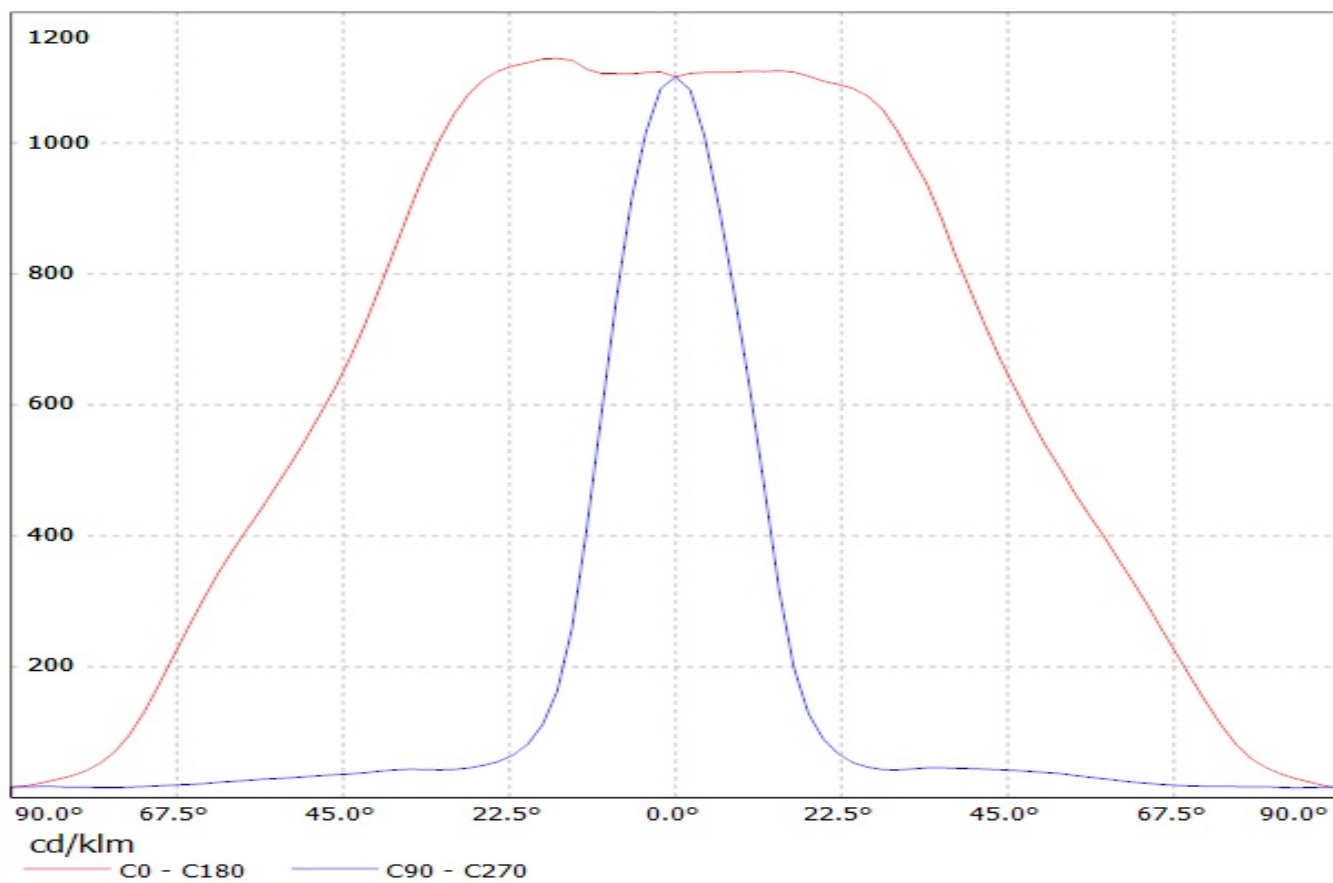


Luminaire: Ledil Oy CA13058\_FLARE-MINI-AD-PIN\_(LH351Z) Efficiency=94%  
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA

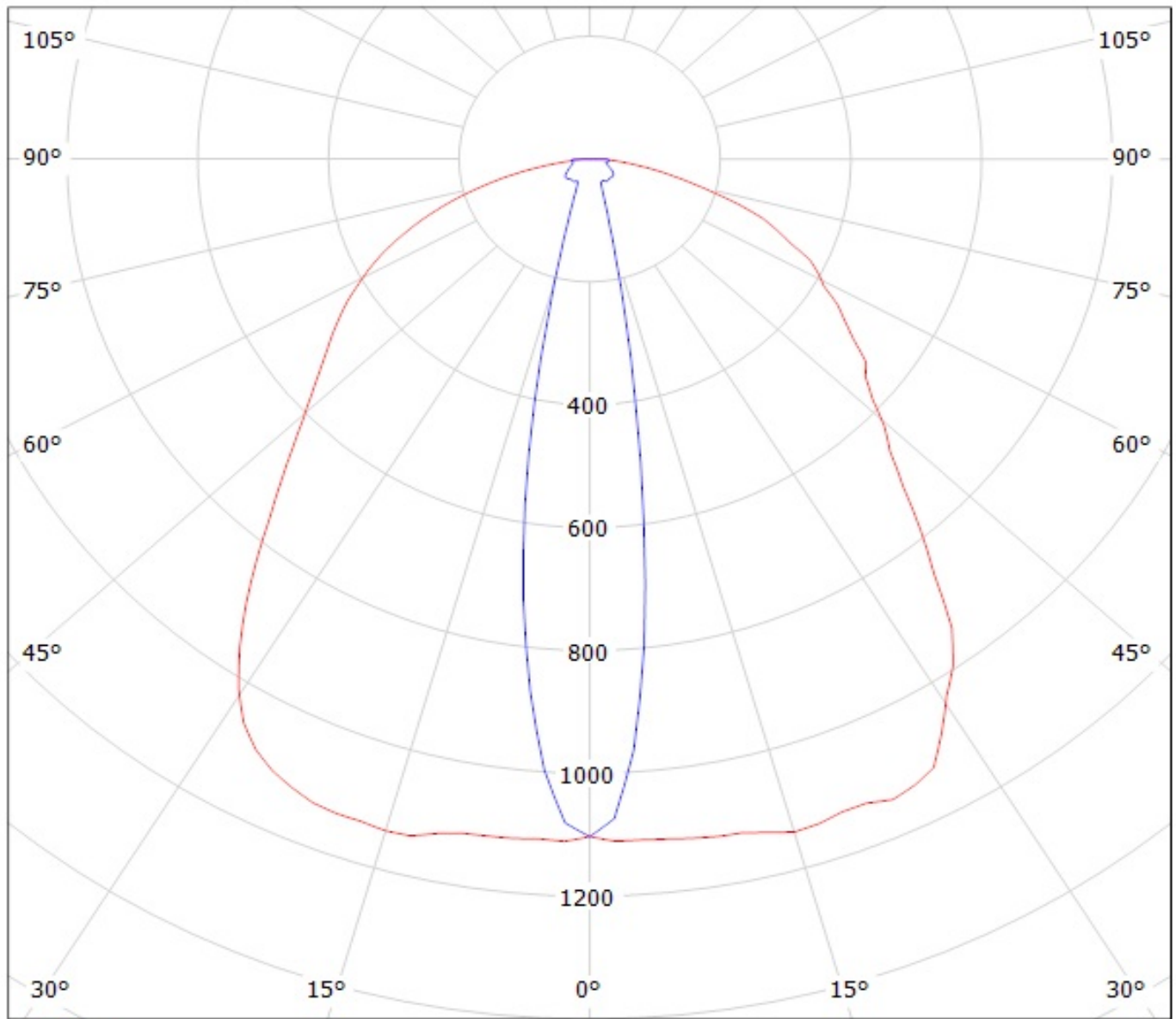




Luminaire: LEDil Oy CA13058\_FLARE-MINI-AD-PIN\_(Z5M1) Efficiency=94%  
Lamps: 1 x Seoul Z5M1 (SZ5M1-W0-C8/W1-A5-G) 108lm @ 250mA CCT=9100K P=0.8W I=250mA



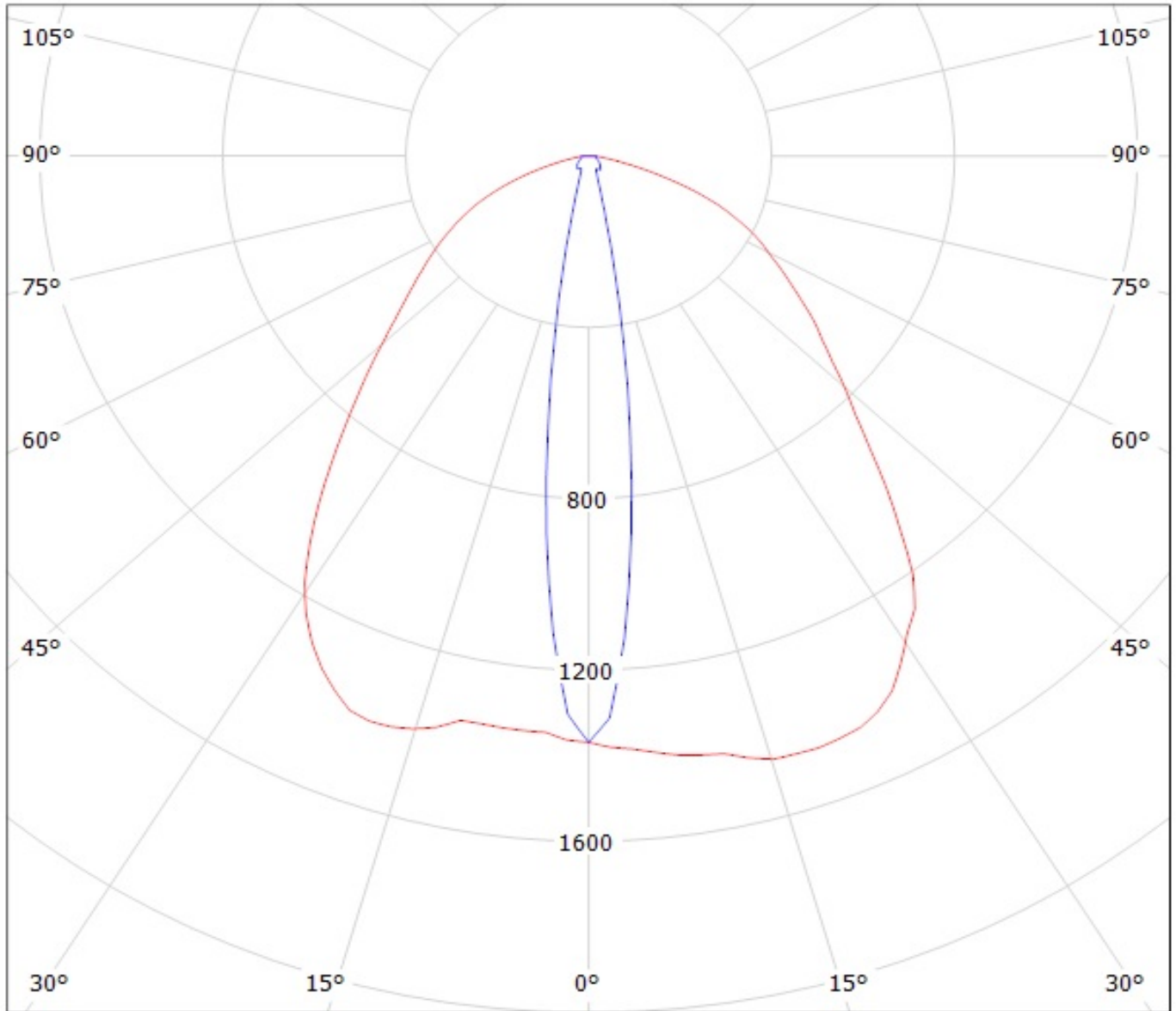
Luminaire: Ledil Oy CA13058\_FLARE-MINI-AD-PIN (Cree XT-E 98lm @ 250mA) Efficiency=94%  
Lamps: 1 x Cree XT-E 98lm @ 250mA



cd/klm

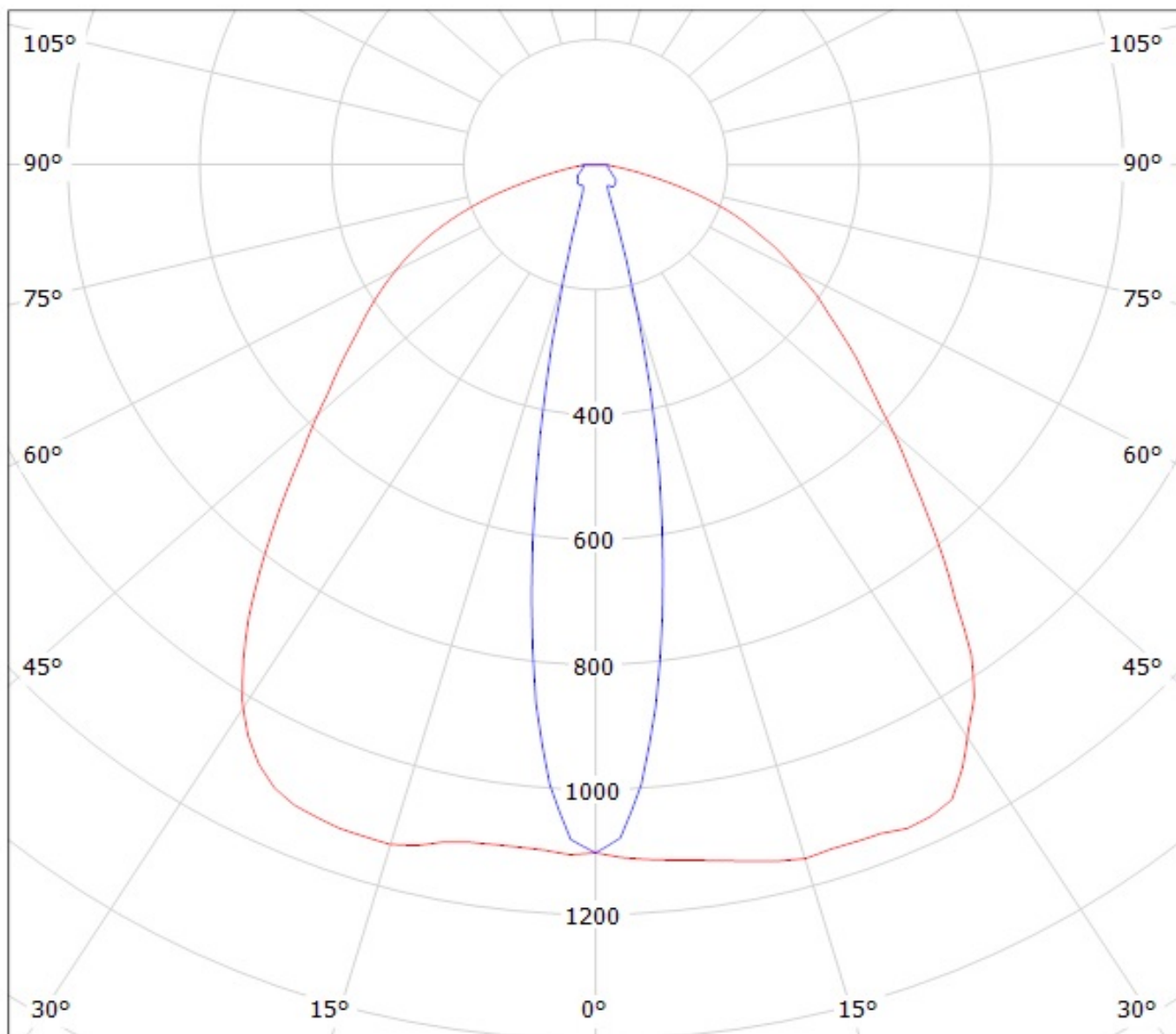
— C0 - C180    — C90 - C270

Luminaire: Ledil Oy CA13058\_FLARE-MINI-AD-PIN (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)



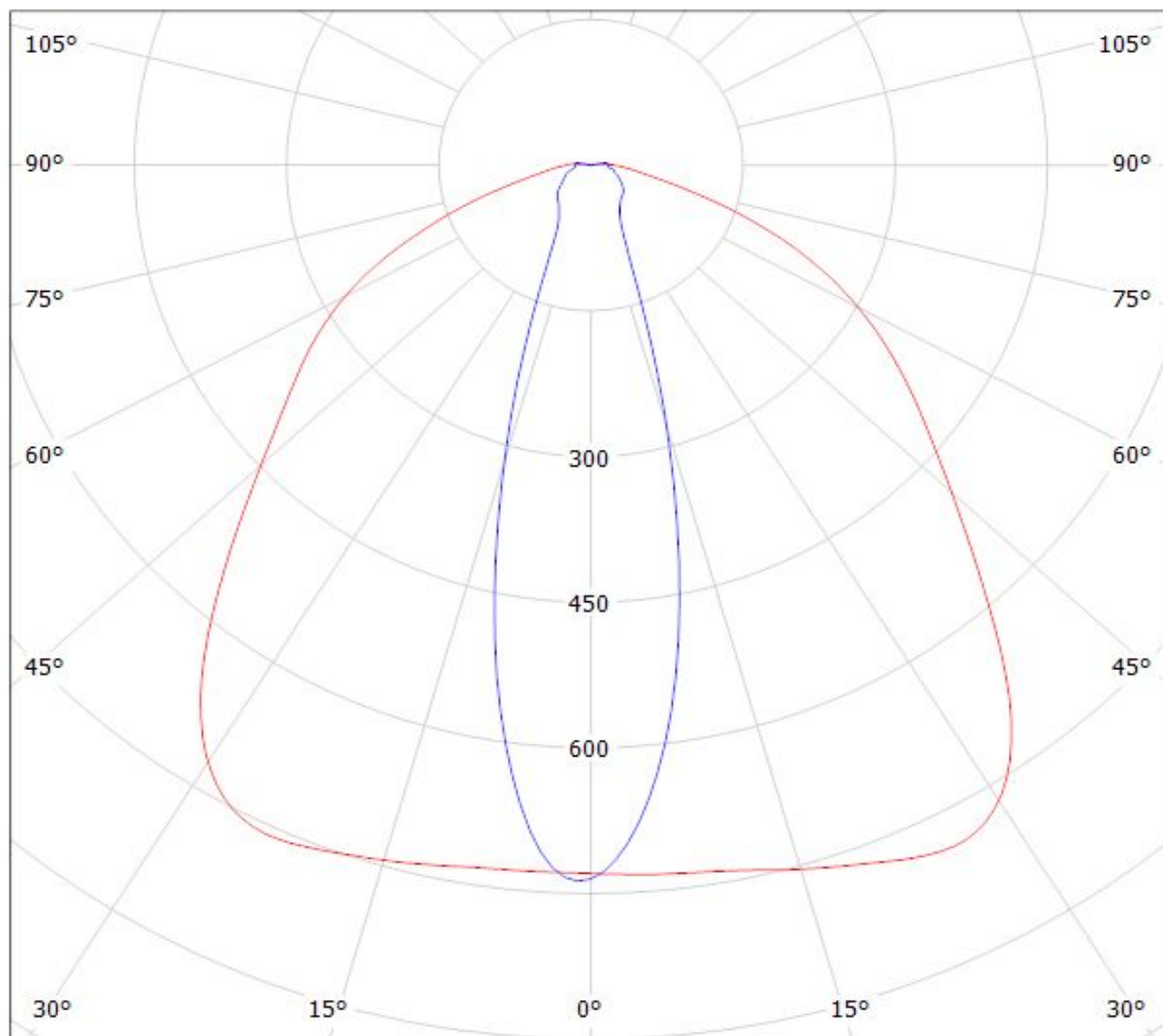
cd/klm

— C0 - C180

— C90 - C270

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

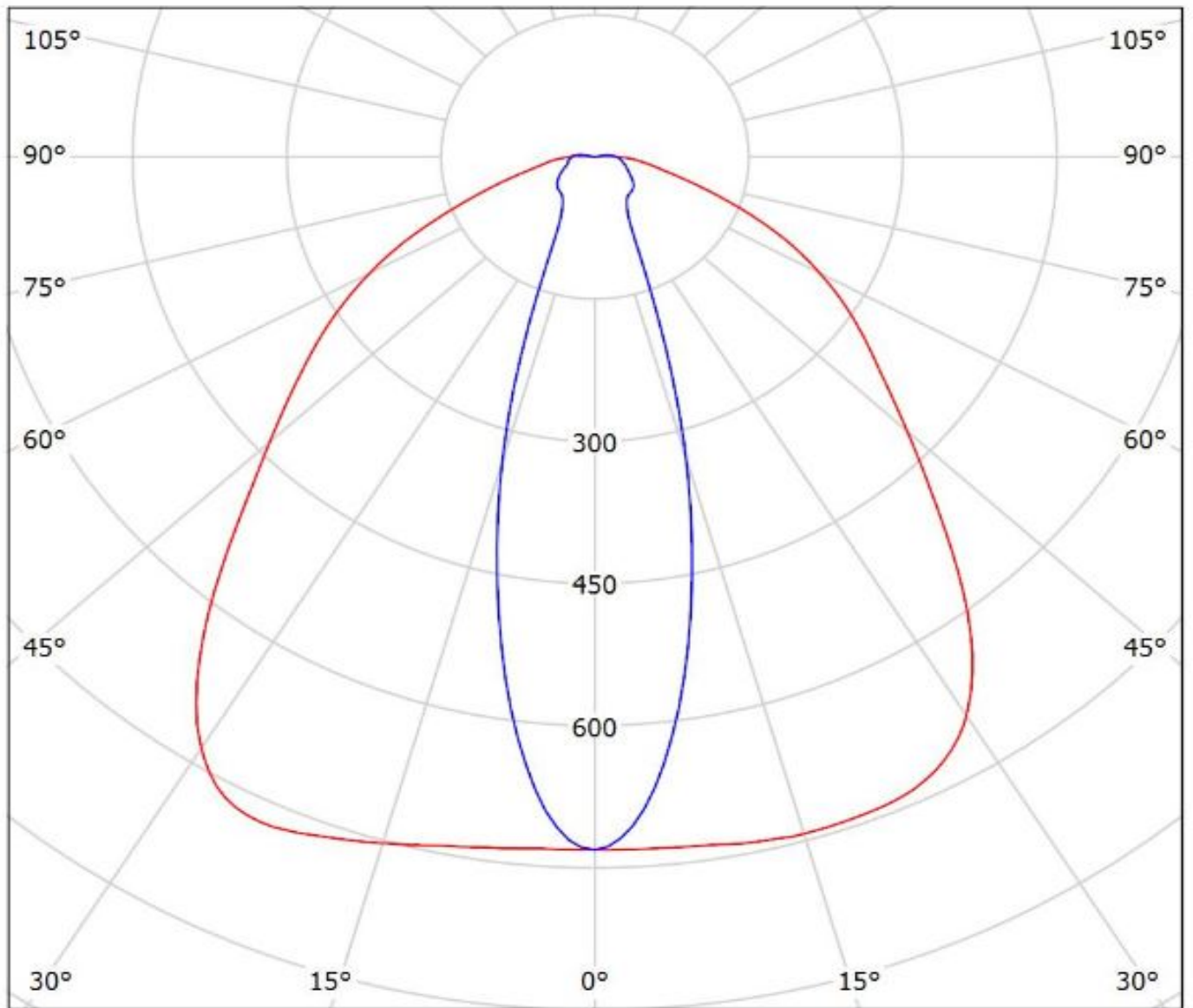
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil CA13058\_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

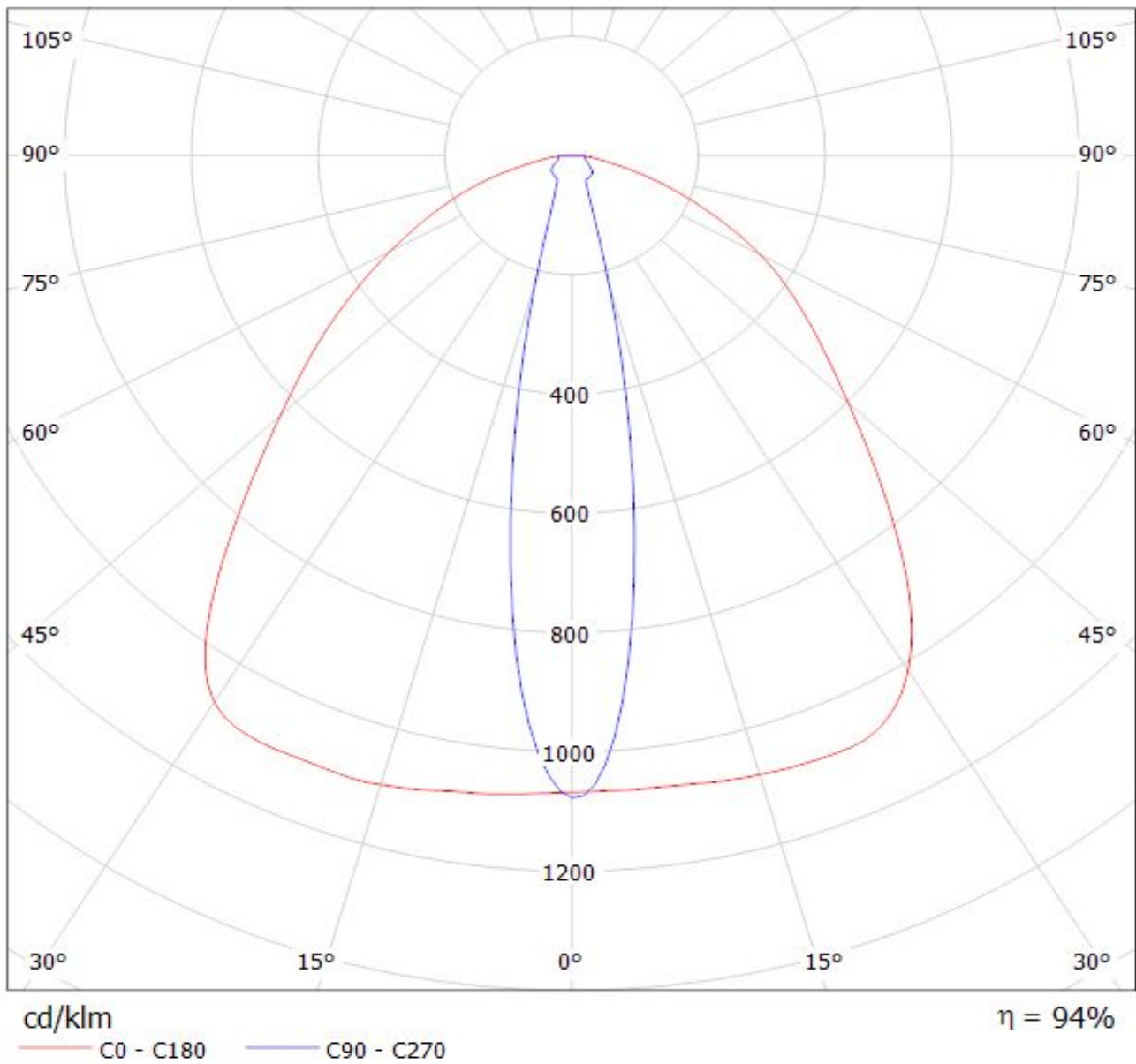


cd/klm

— C0 - C180 — C90 - C270

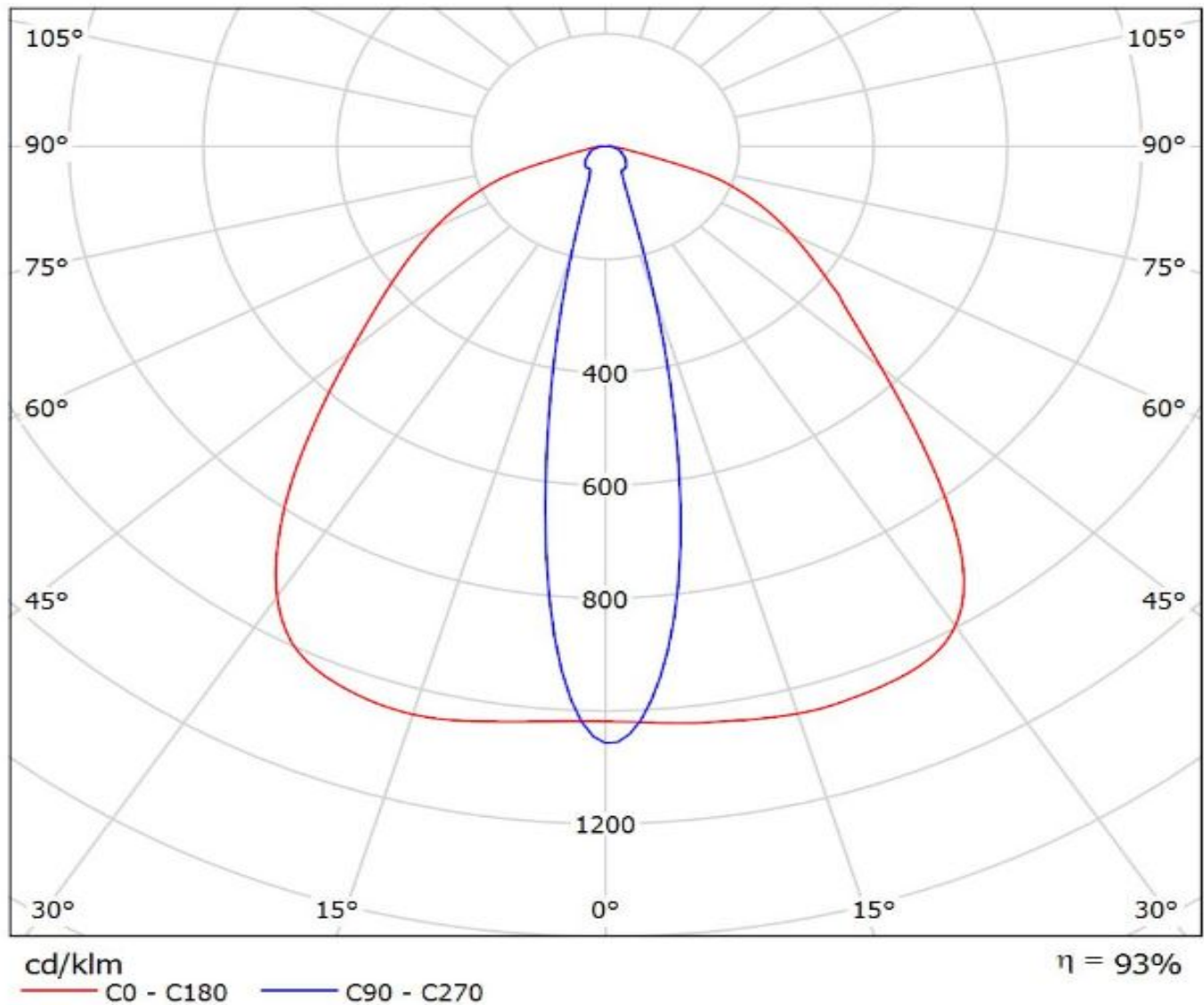
$\eta = 94\%$

Luminaire: LEDiL Oy 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



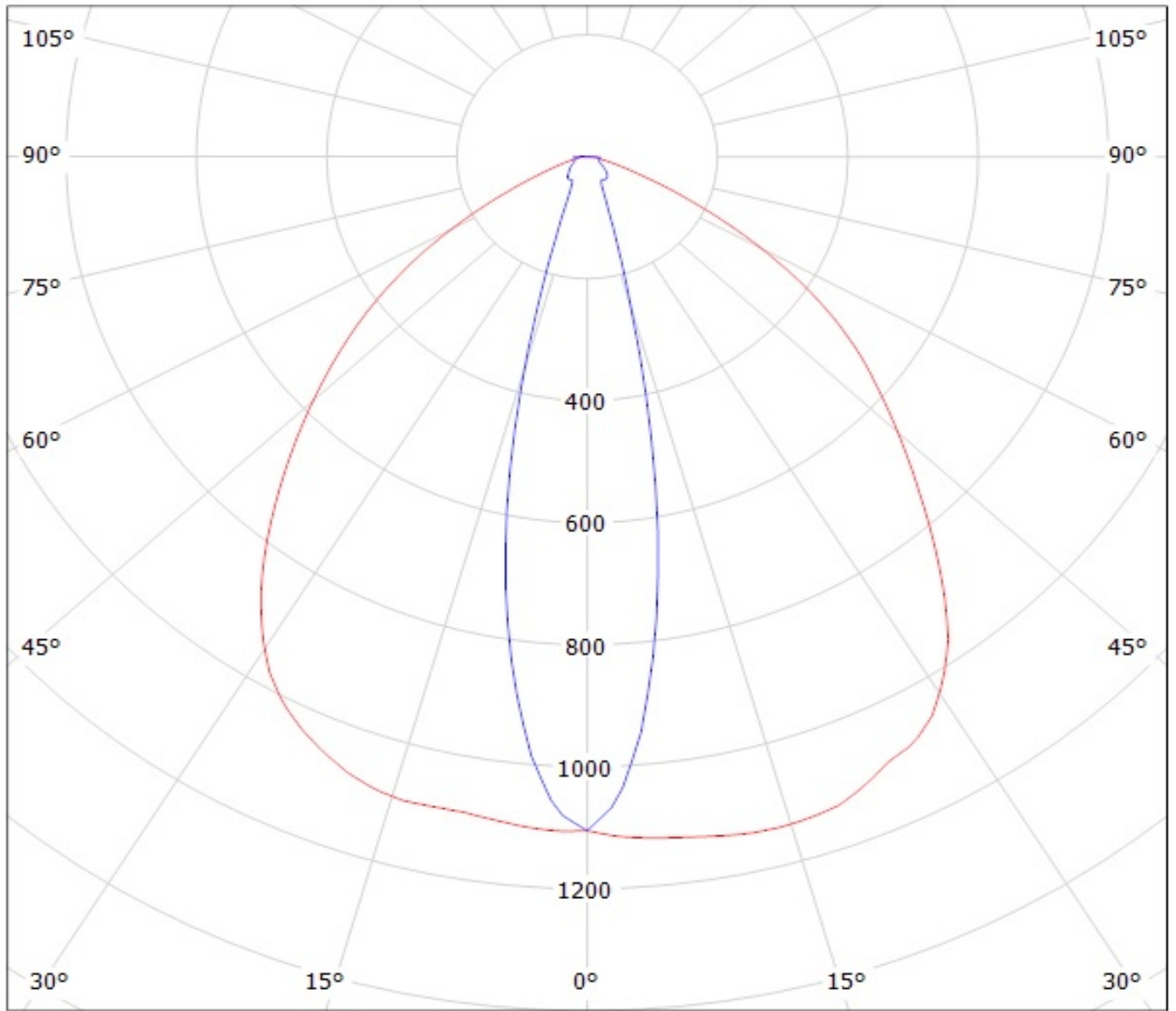
# Ledil CA13058\_FLARE-MINI-AD-PIN\_(Fortimo\_FastFlex\_LED\_board 2x8-757\_DS\_G3) / LDC (Polar)

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\_(LH351Z) Efficiency=94%  
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA

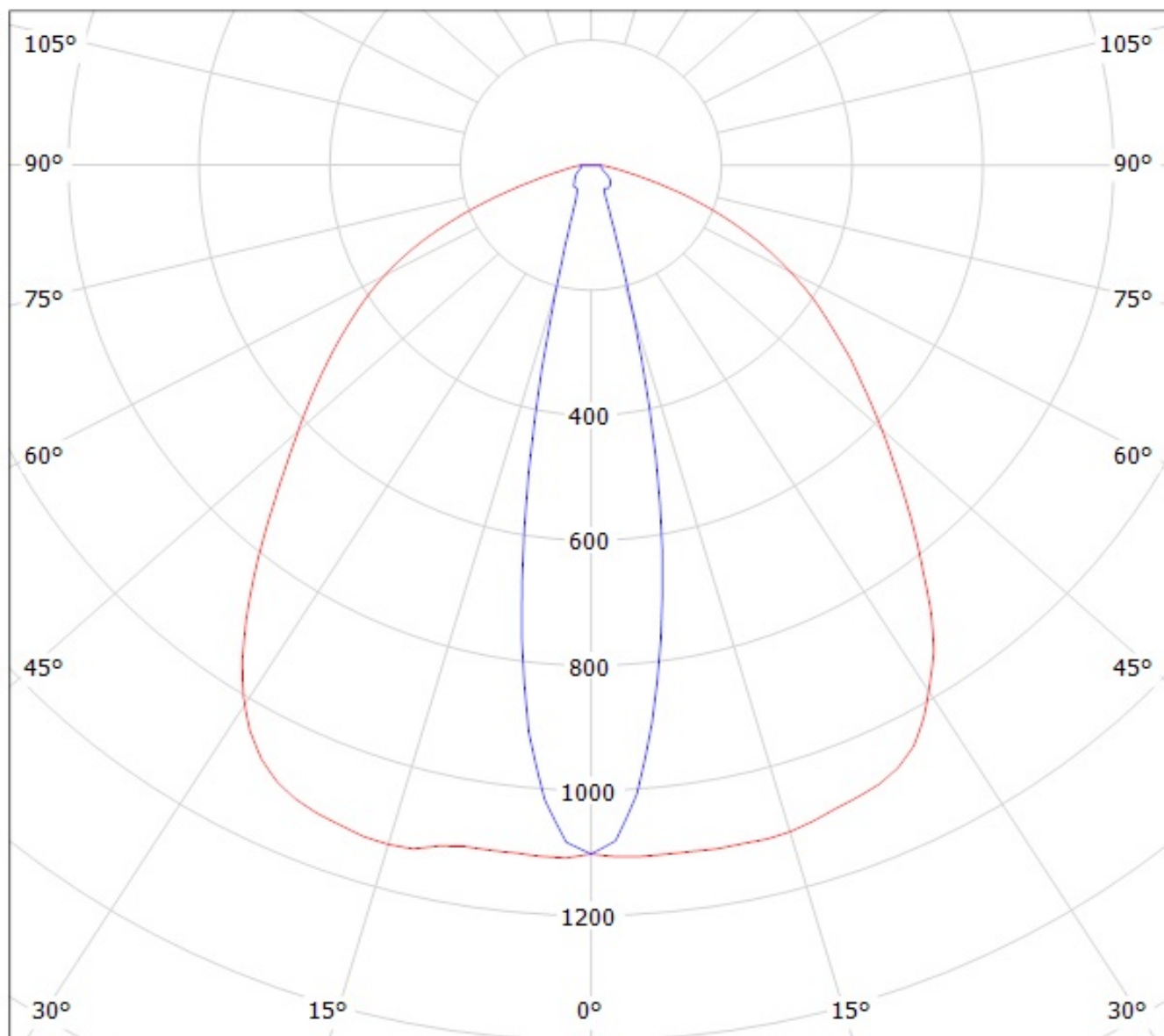


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy CA13058\_FLARE-MINI-AD-PIN\_(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

**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.**