

DETAILS

Product Number	C12837_FLARE-MINI-A-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			
XP-E	95+17 deg	Oval	95 %	1.500	-
XP-G	99+21 deg	Oval	95 %	1.070	-
XB-D	95+16 deg	Oval	95 %	1.300	-
XT-E	95+19 deg	Oval	94 %	1.200	-
XP-E2	94+16 deg	Oval	94 %	1.600	-
XP-L	106+29 deg	Oval	94 %	0.830	-
XP-L2	100+30 deg	Oval	94 %	0.800	-
LUXEON C	sim: 14+88	Oval	sim: 93 %	sim: 1.460	-
NCSxx19A	87+15 deg	Oval	95 %	1.500	-
NCSxx19B	95+17 deg	Oval	94 %	1.500	-
Oslon Square EC	90+20 deg	Oval	94 %	1.250	-
Oslon SSL 80	81+13 deg	Oval	93 %	2.000	-
Oslon SSL 150	108+12 deg	Oval	93 %	1.600	-



D

C

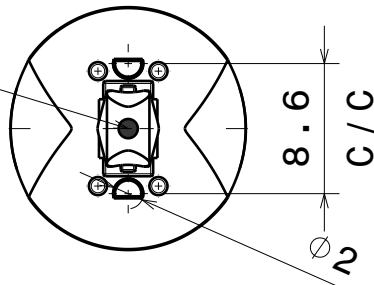
B

A

4

4

LED position

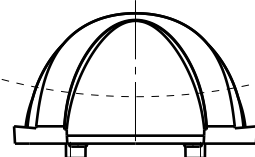
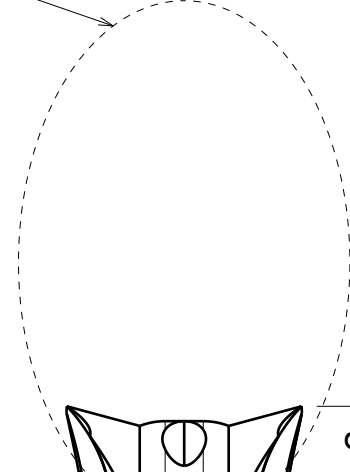
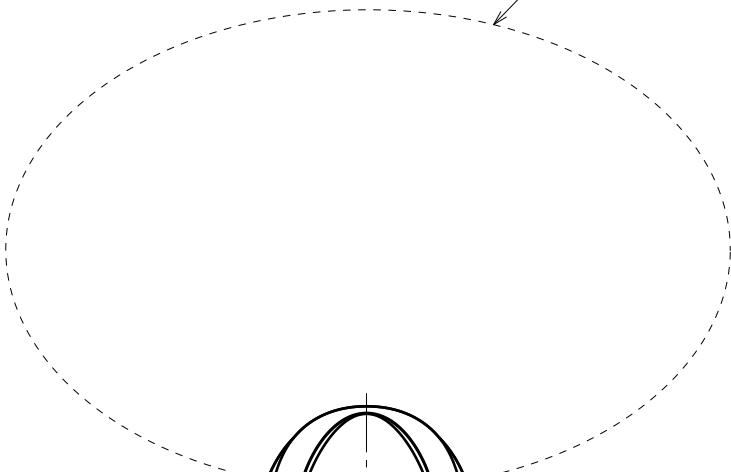


Beam direction

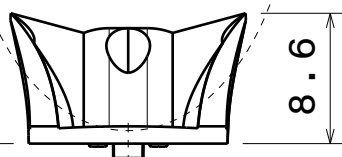
Bottom view

3

3



Right view

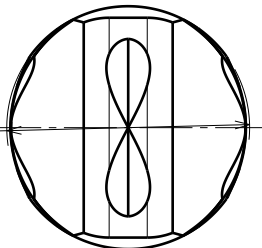


Front view

2

2

Ø 16.1

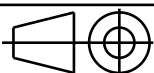


Top view

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

THIRD ANGLE PROJECTION:



DRAWING TITLE

Datasheet FLARE-MINI_PIN

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 agreement with LEDiL Oy."

SIZE PART NUMBER

A4

-

SCALE 2:1 WEIGHT (g)

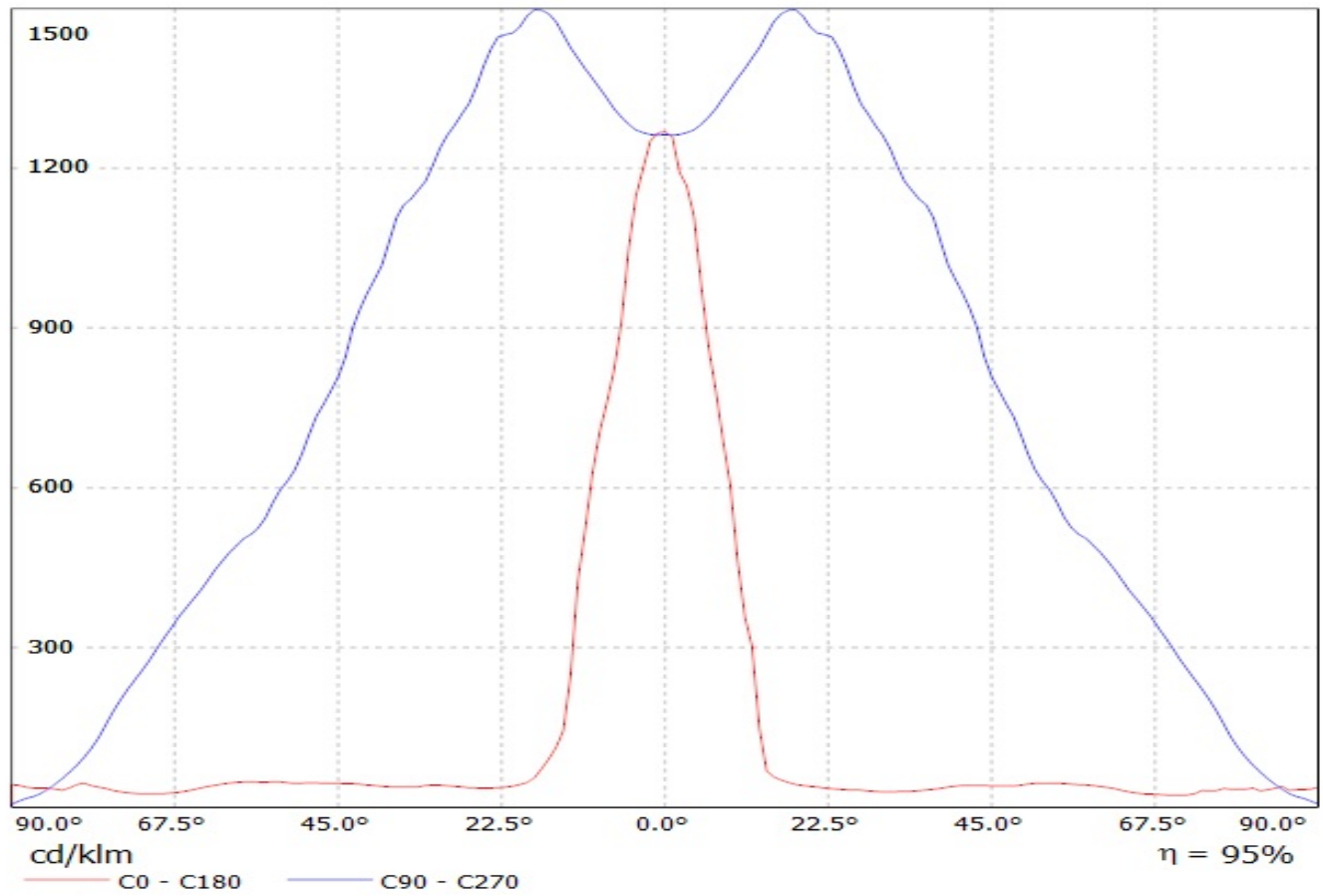
SHEET 1/1

D

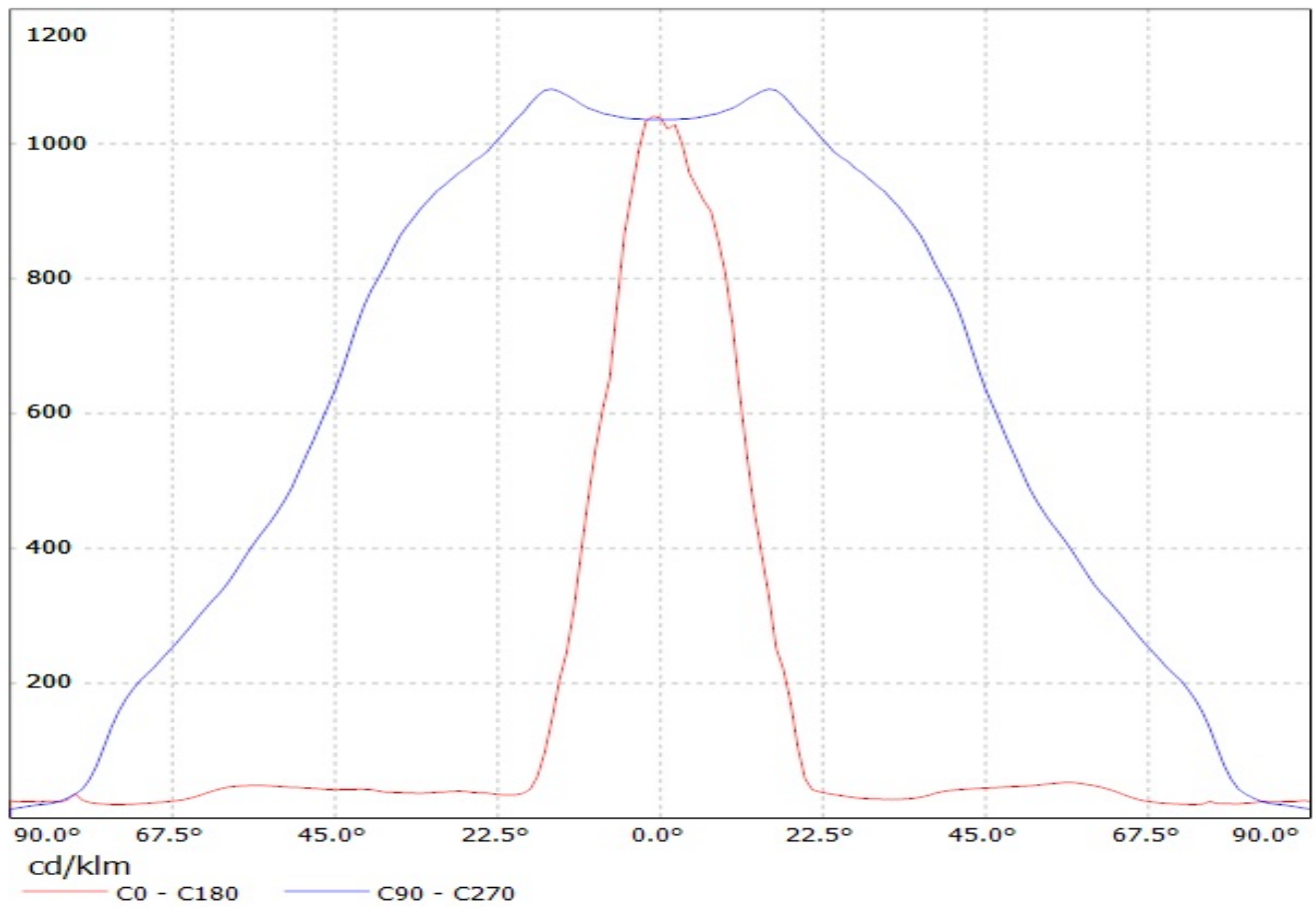
A

1

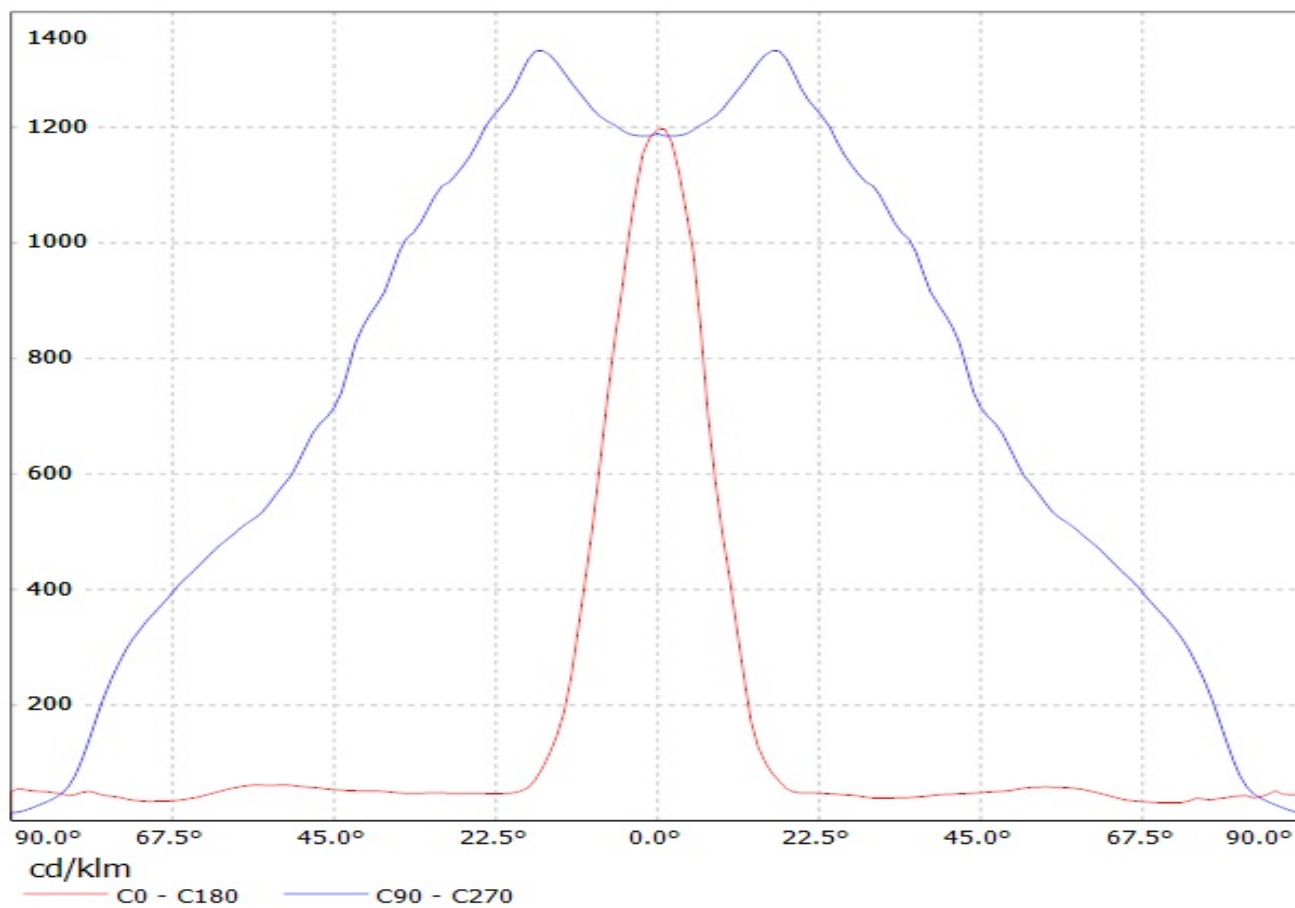
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XP-E) Efficiency=95%
Lamps: 1 x Cree XP-E (74lm@250mA)



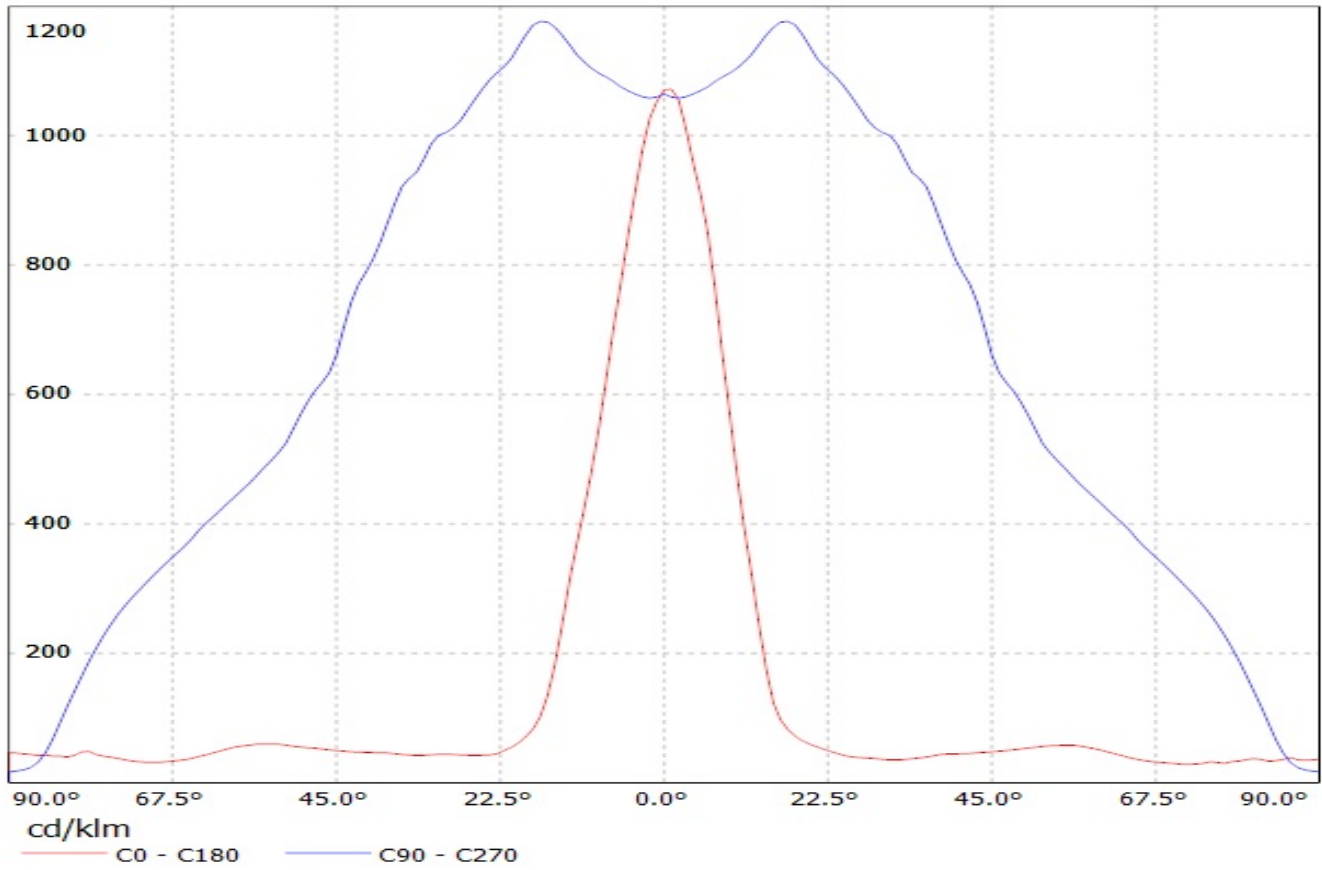
Luminaire: LEDIL OY C12763 & C12837 FLARE-MINI-A (XP-G) Efficiency=95%
Lamps: 1 x Cree XP-G (92lm@250mA)



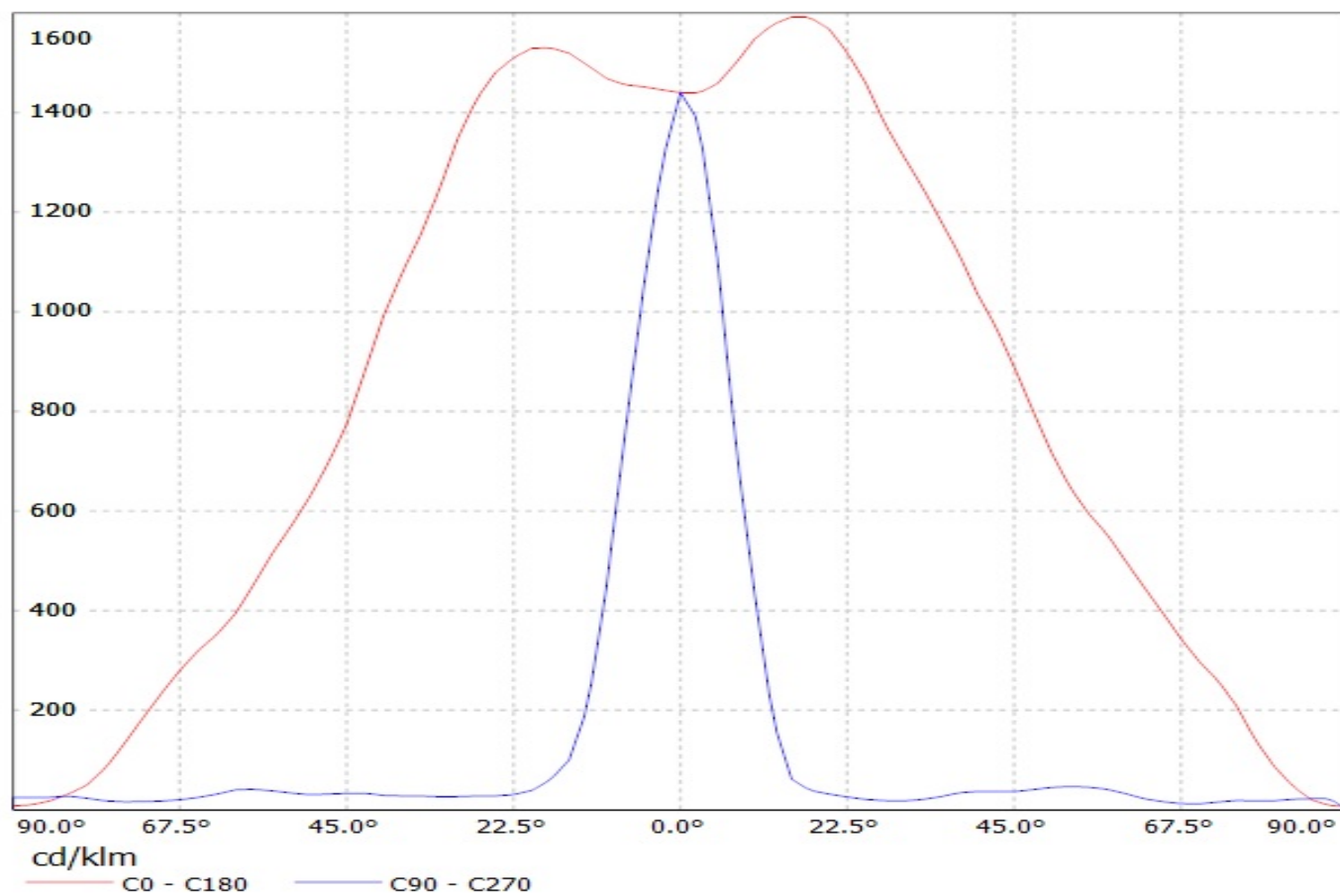
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XB-D) Efficiency=95%
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



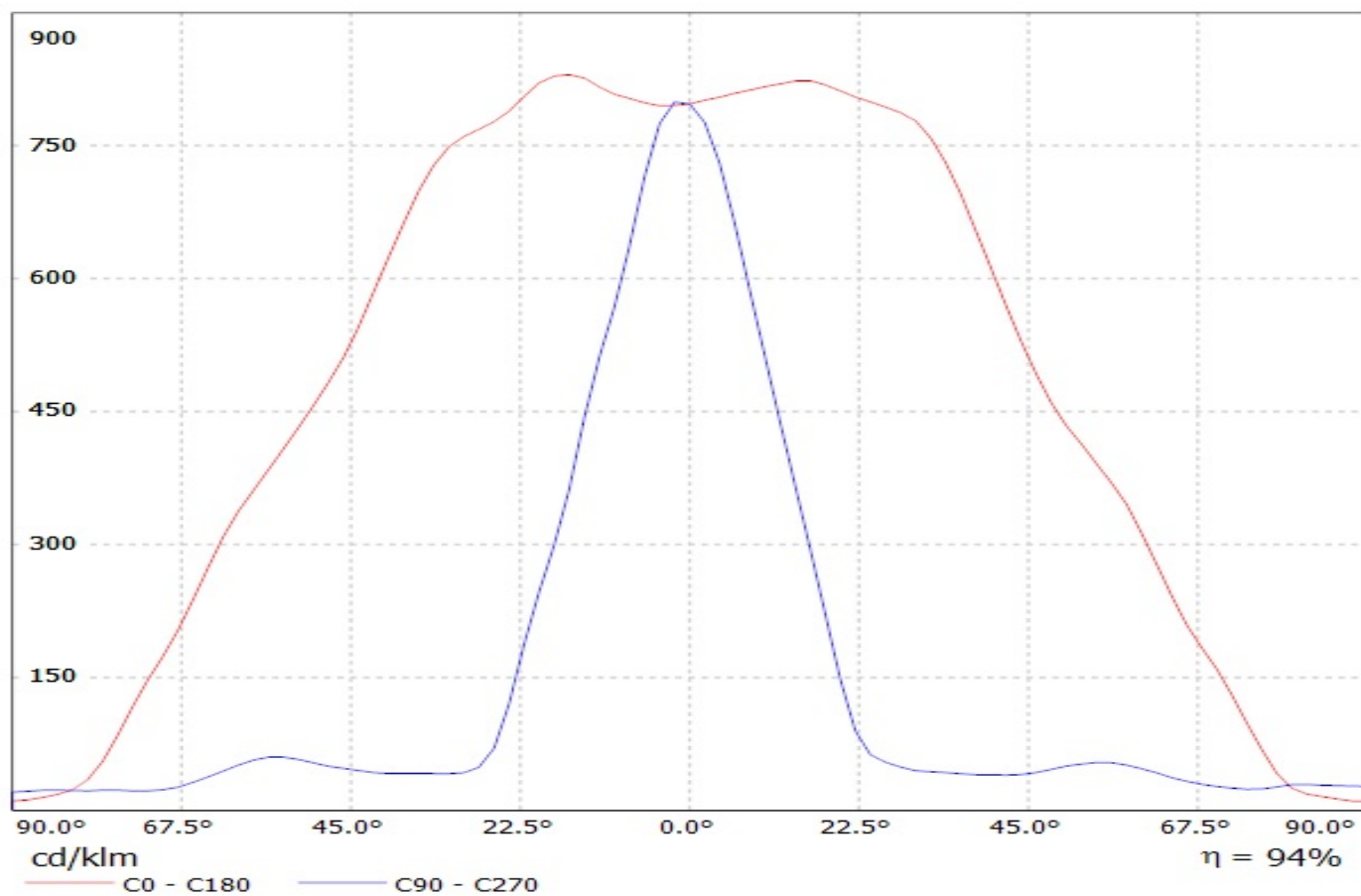
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XT-E AWT) Efficiency=94%
Lamps: 1 x Cree XT-E AWT (108lm@250mA)



Luminaire: Ledil Oy C12837_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)

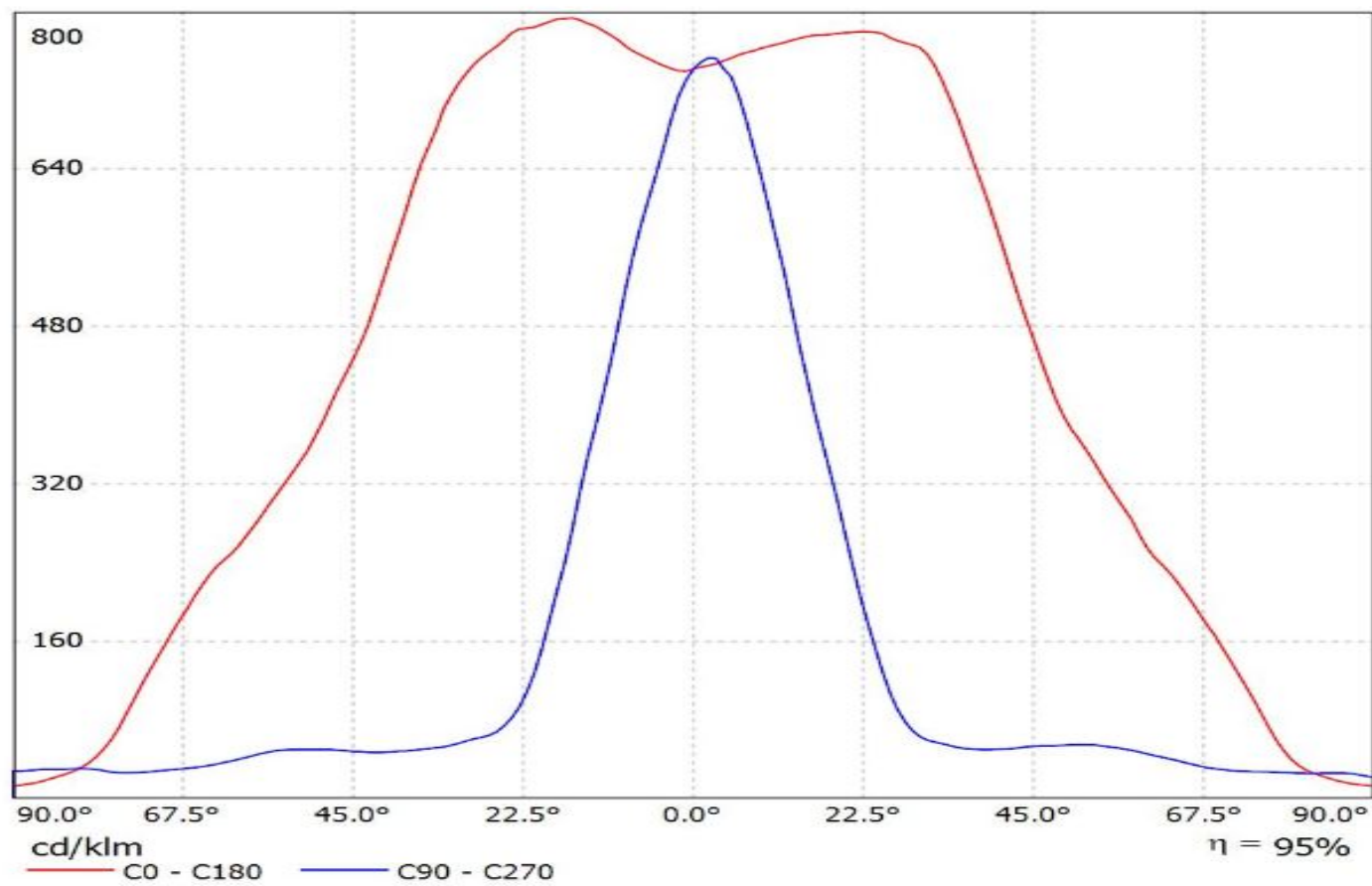


Luminaire: LEDil Oy C12837_FLARE-MINI-A-PIN_(XP-L)
Lamps: 1 x Cree XP-L (125 lm @ 250mA) P=0.7W I=250mA

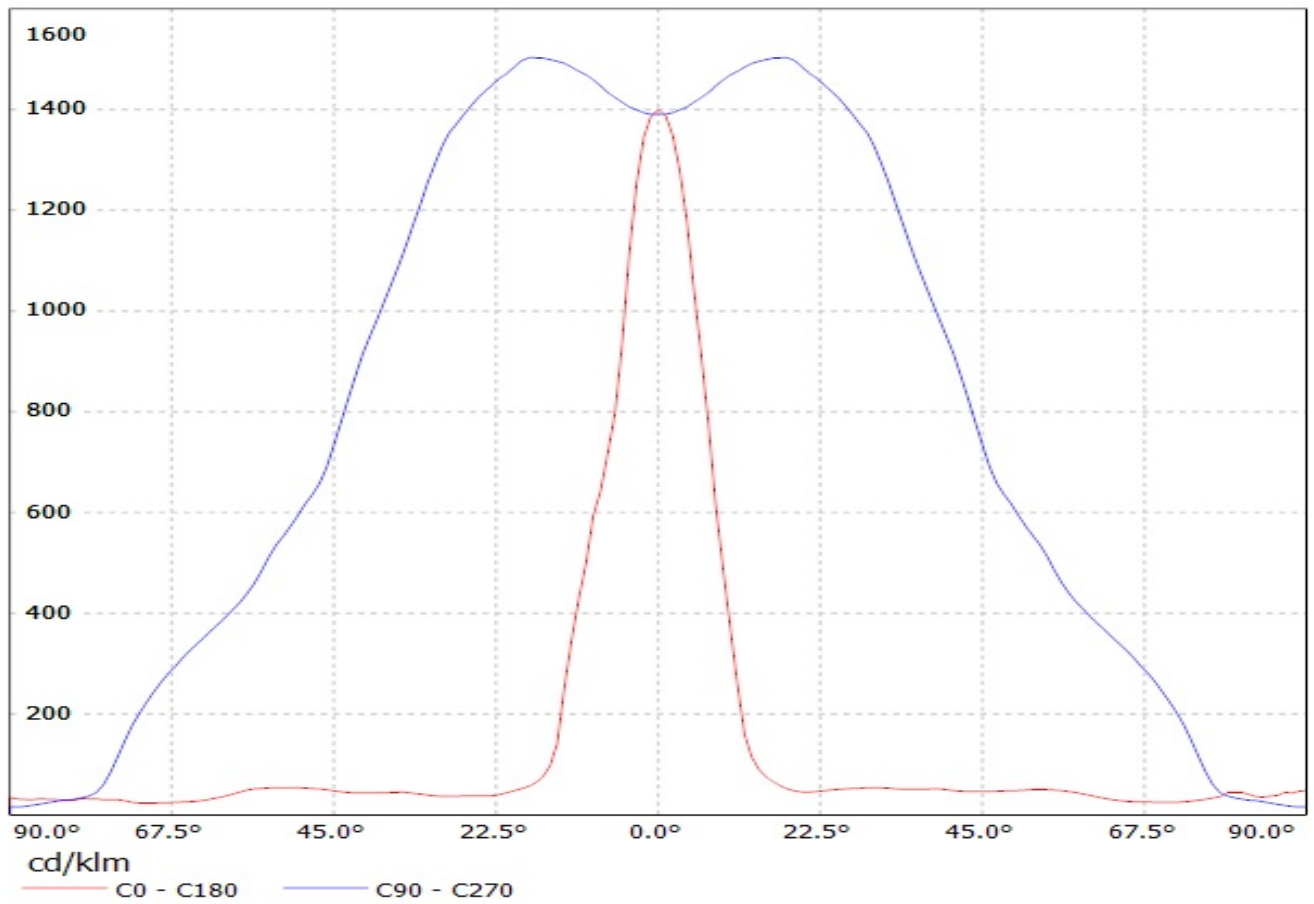


Luminaire: Ledil C12837_FLARE-MINI-A-PIN_(XP-L2)

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

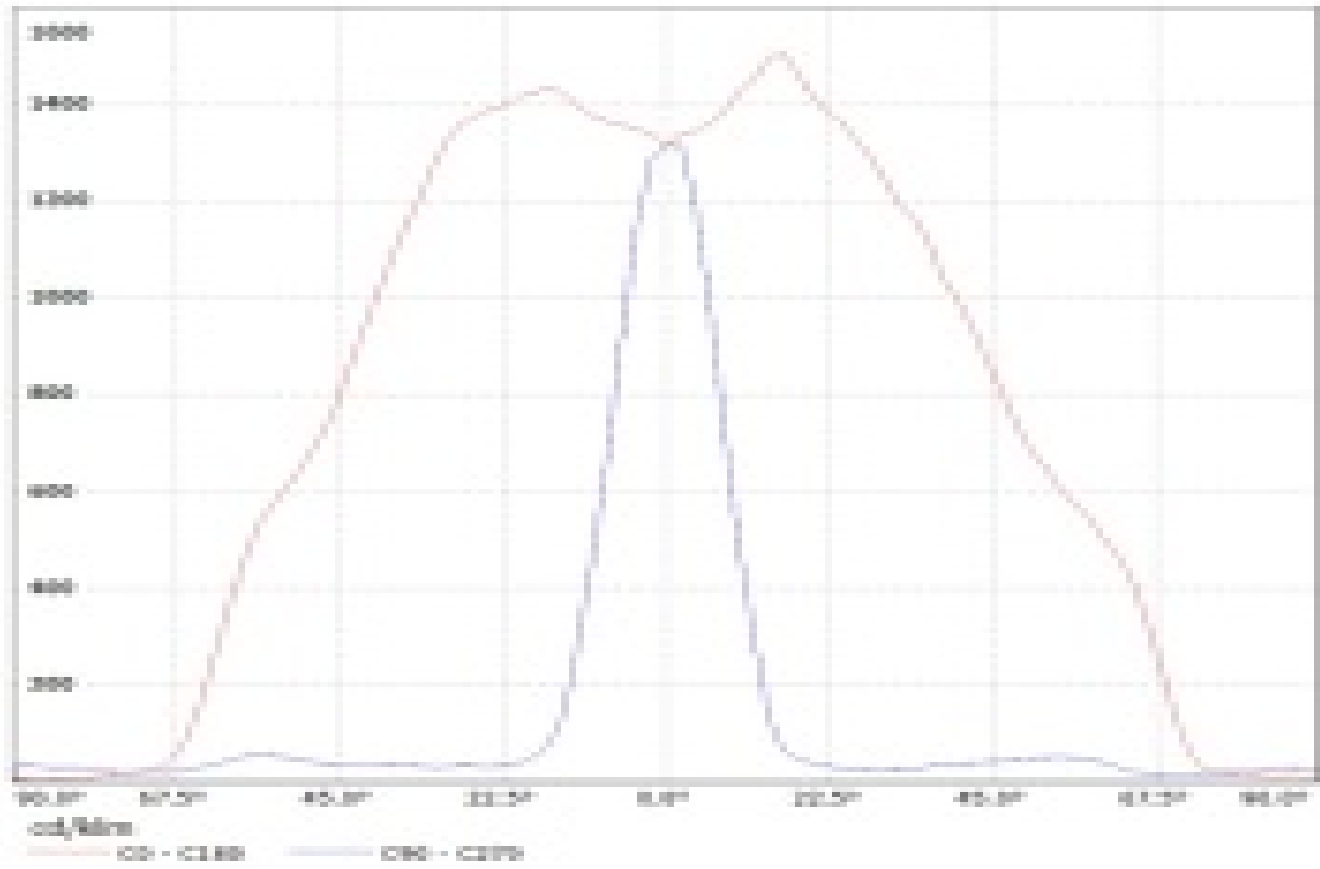


Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (NCS19) Efficiency=95%
Lamps: 1 x Nichia NCS19 (95lm@250mA)

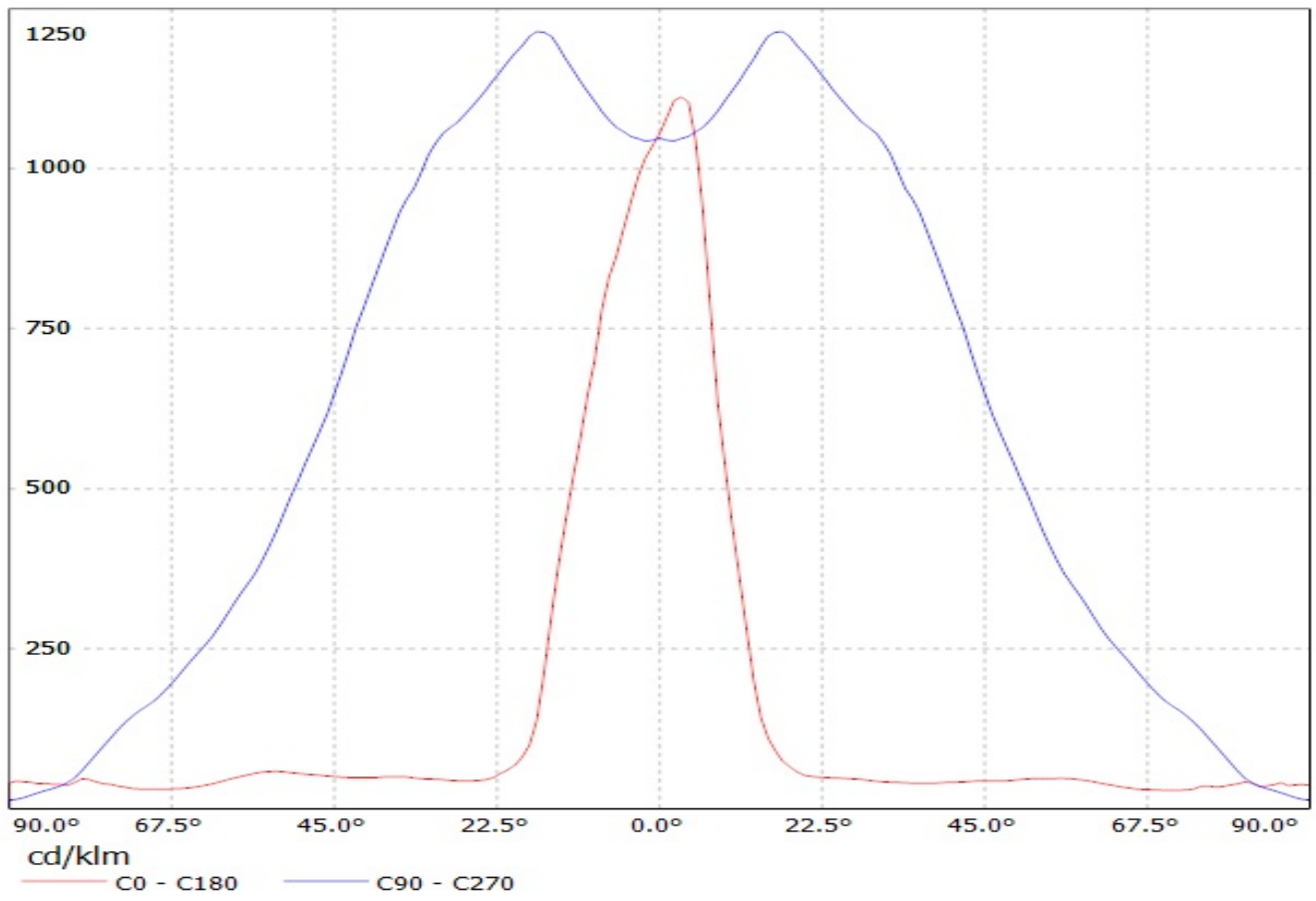


Luminaire: Ledli-Cy-CARDISS_Plane-Mini-A-Plus_2x120x150_Efficiency=92%

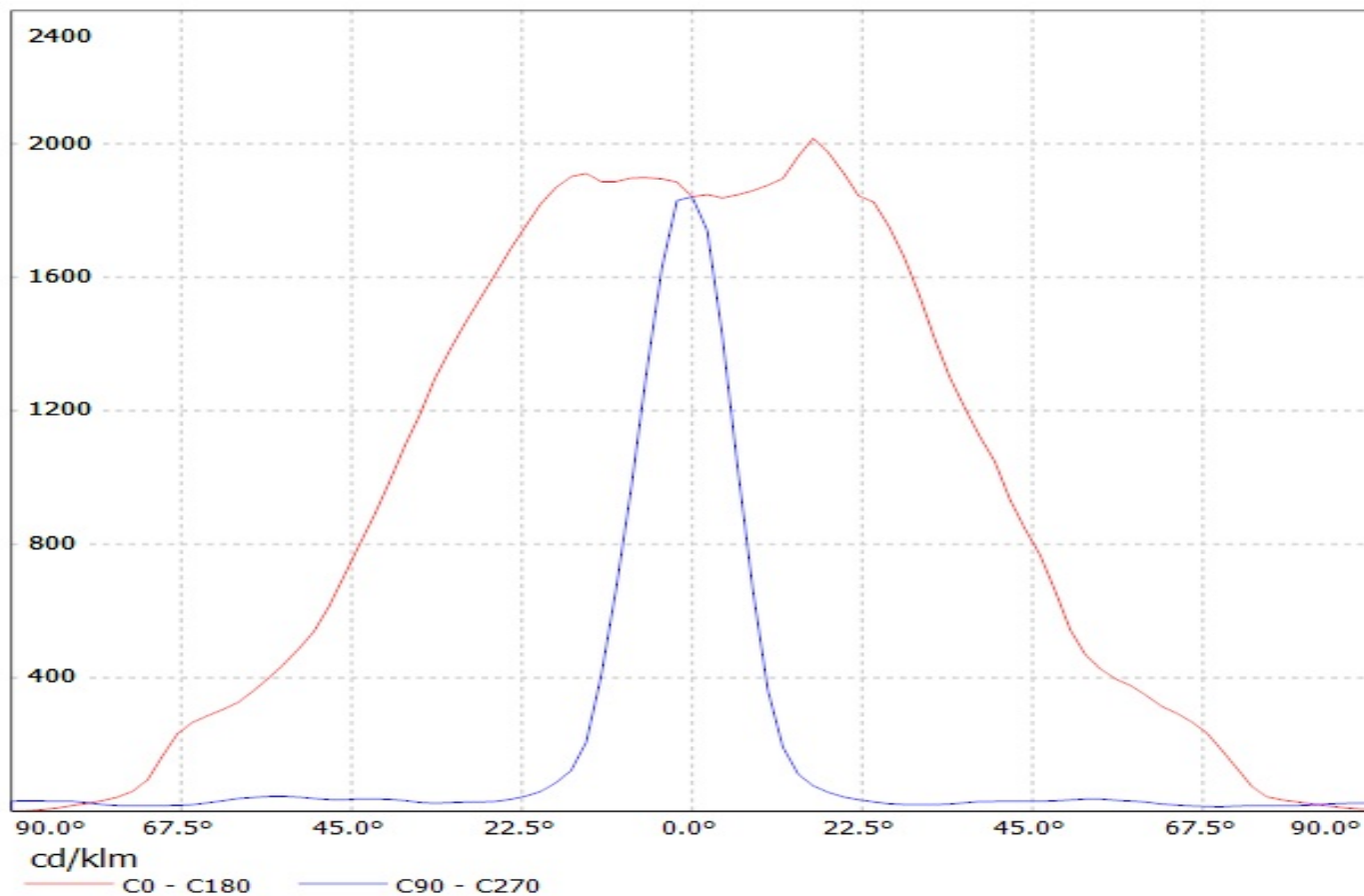
Lampe: 1 x Nichia NSC2000T50 (NSC2000T50) 55lm @ 350mA CCT=3000K P=0.8W @ 350mA



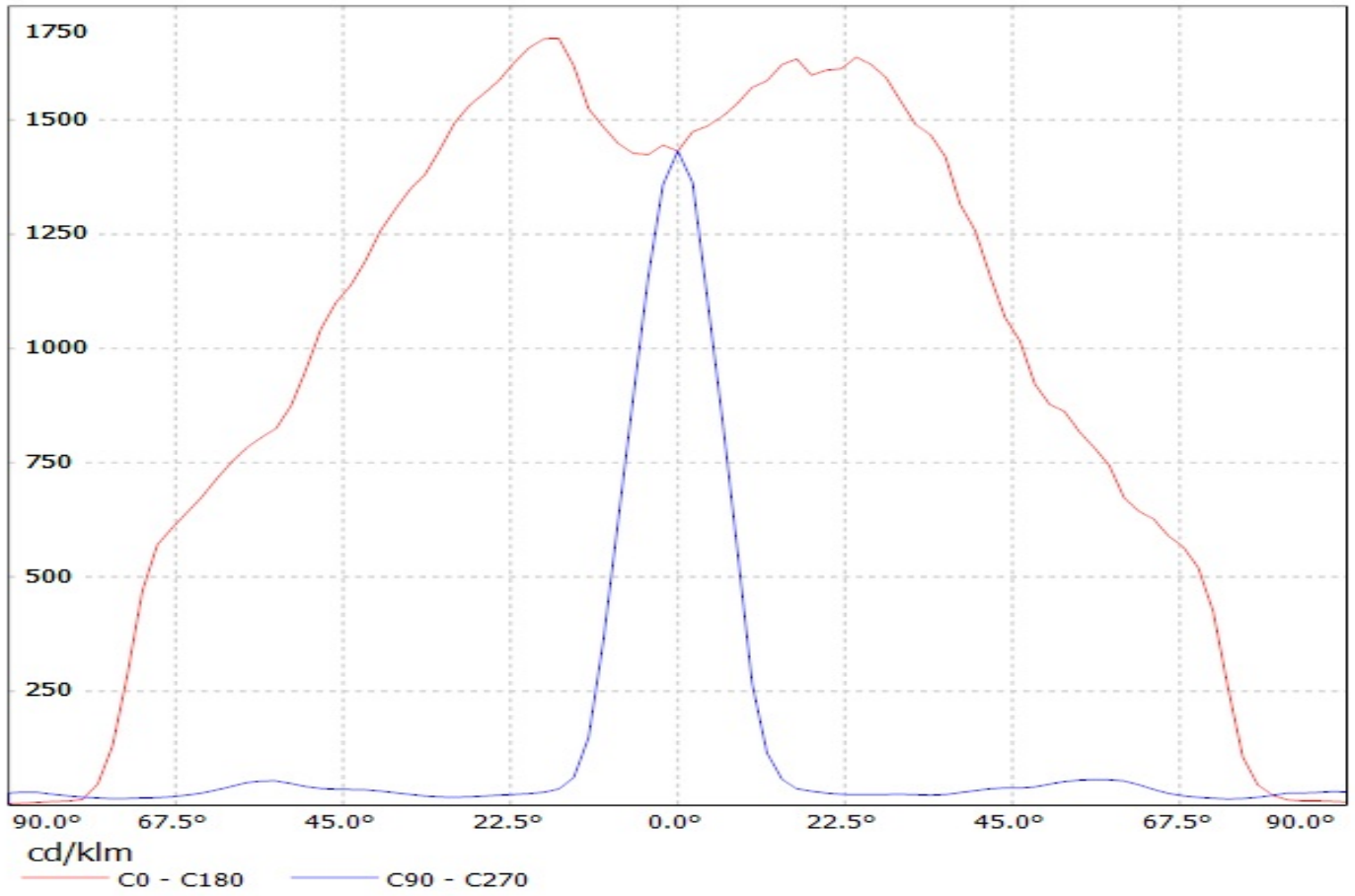
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (SQ EC) Efficiency=94%
Lamps: 1 x Osram Oslon Square EC (69lm@250mA)



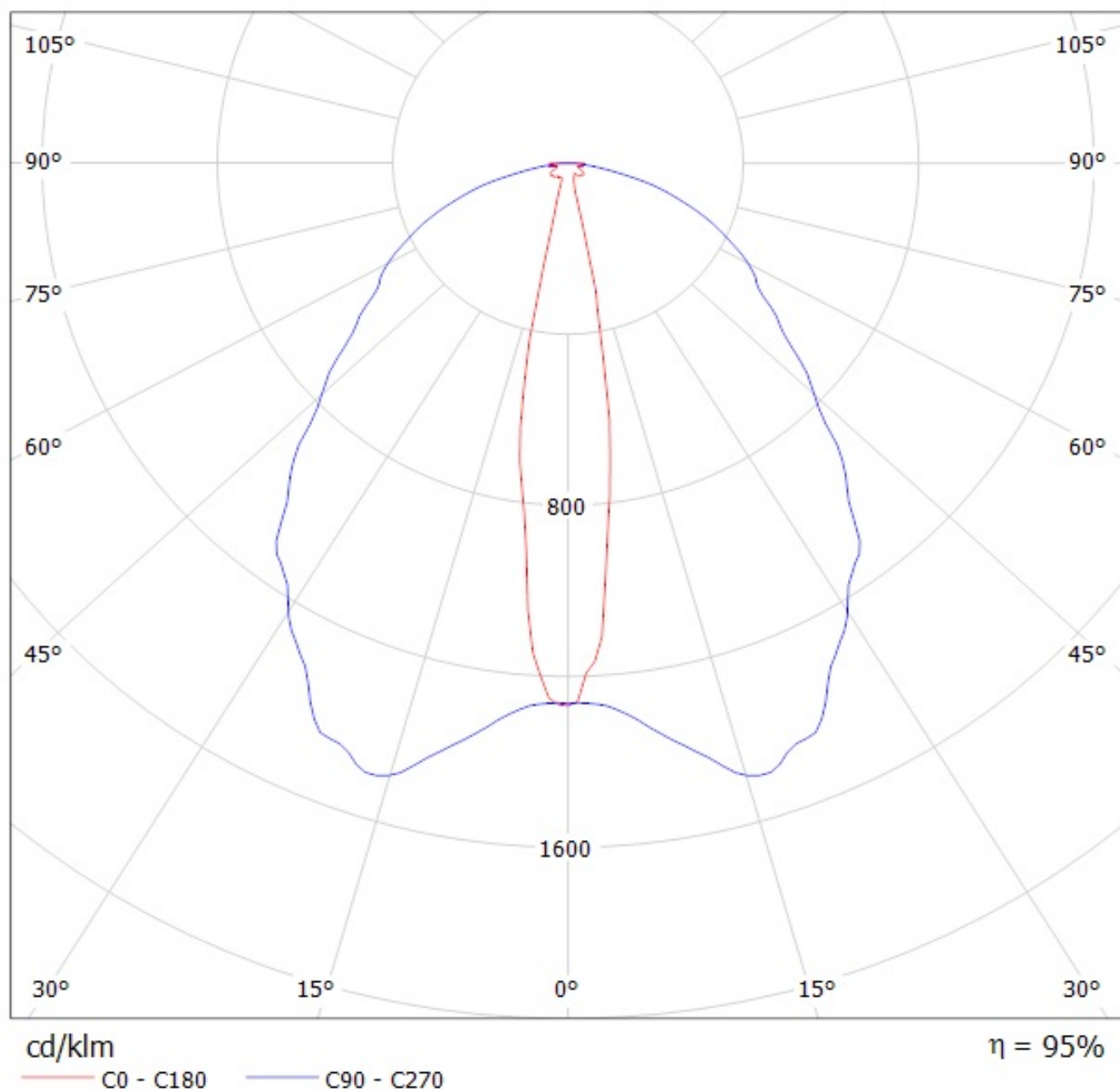
Luminaire: Ledil Oy C12763/C12837_FLARE-MINI-A (Osram OSL80 84lm @ 250mA) Efficiency=93%
Lamps: 1 x Osram OSL80 84lm @ 250mA



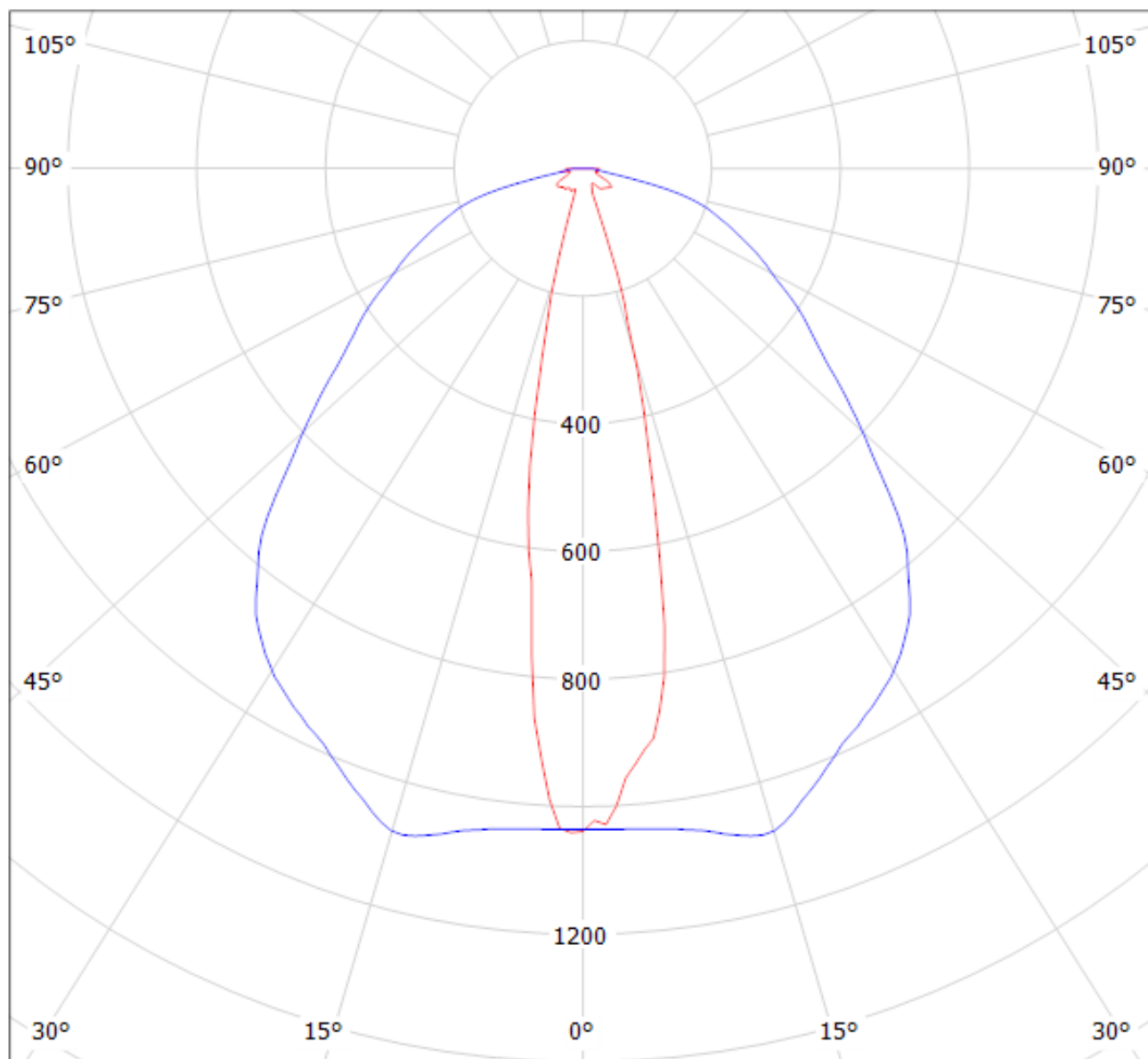
Luminaire: Ledil Oy C12763/C12837_FLARE-MINI-A (Osram OSL150 95lm @ 250mA) Efficiency=93%
Lamps: 1 x Osram OSL150 95lm @ 250mA



Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XP-E) Efficiency=95%
Lamps: 1 x Cree XP-E (74lm@250mA)



Luminaire: LEDIL OY C12763 & C12837 FLARE-MINI-A (XP-G) Efficiency=95%
Lamps: 1 x Cree XP-G (92lm@250mA)

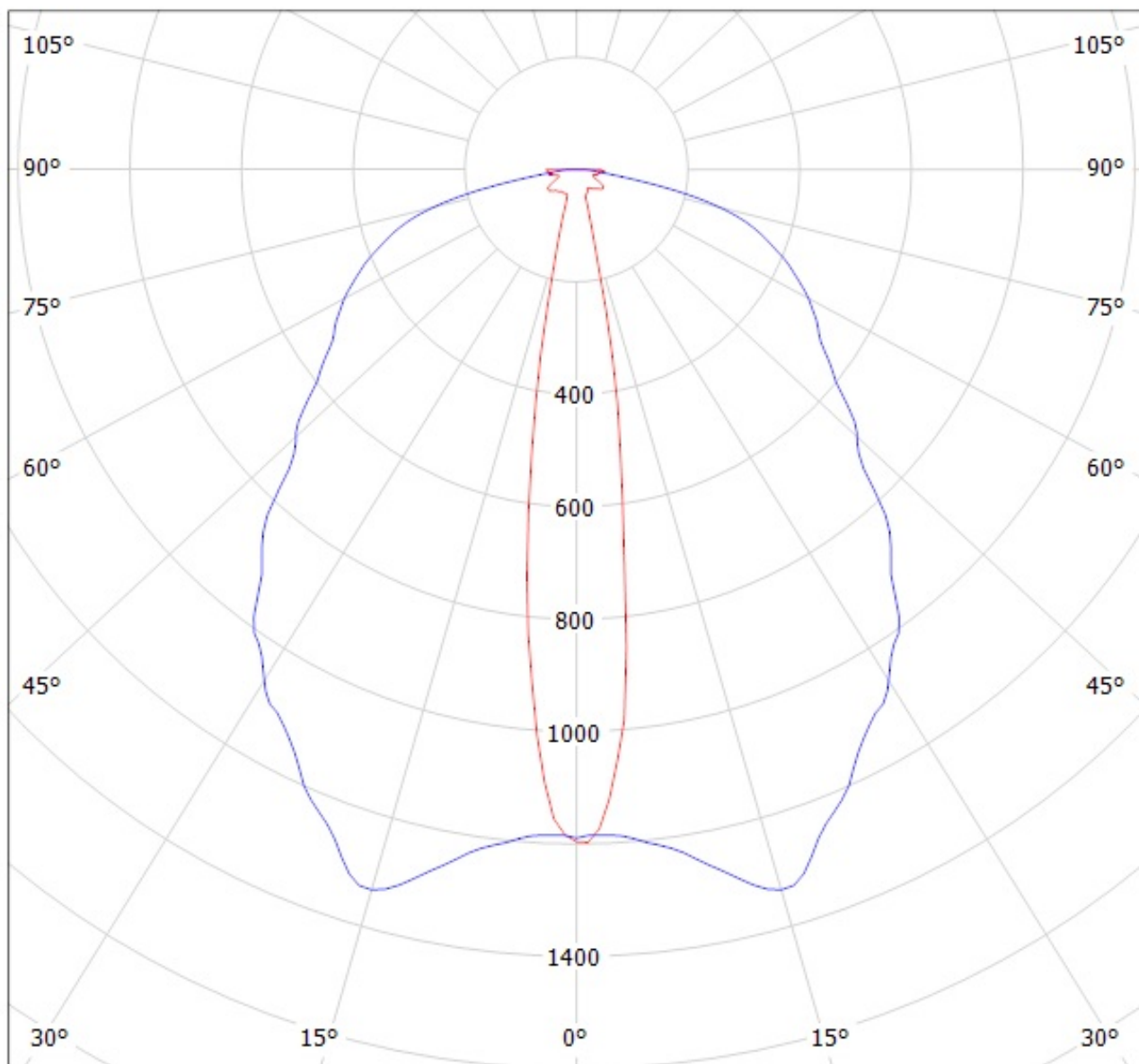


cd/klm

— C0 - C180

— C90 - C270

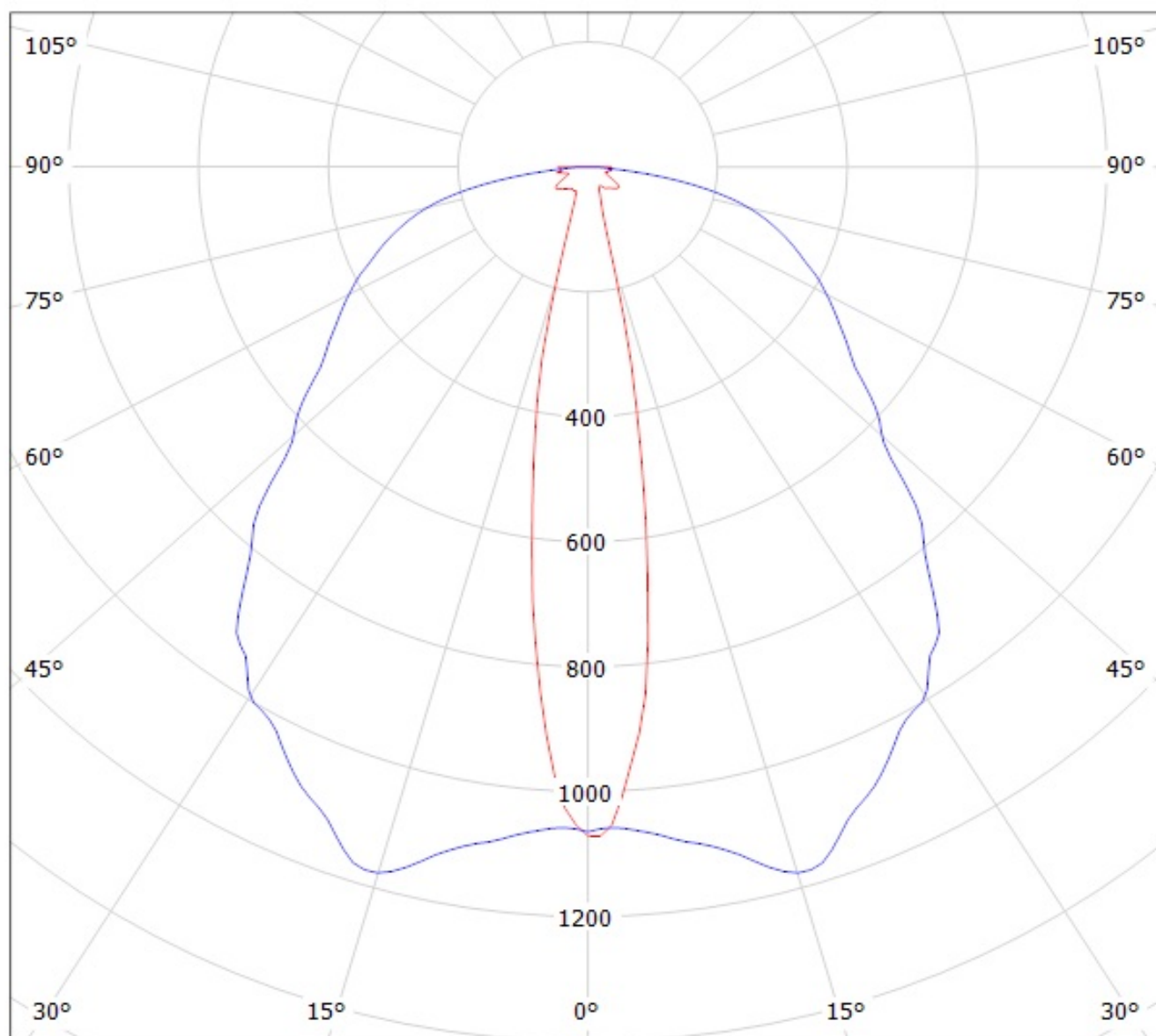
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XB-D) Efficiency=95%
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XT-E AWT) Efficiency=94%
Lamps: 1 x Cree XT-E AWT (108lm@250mA)

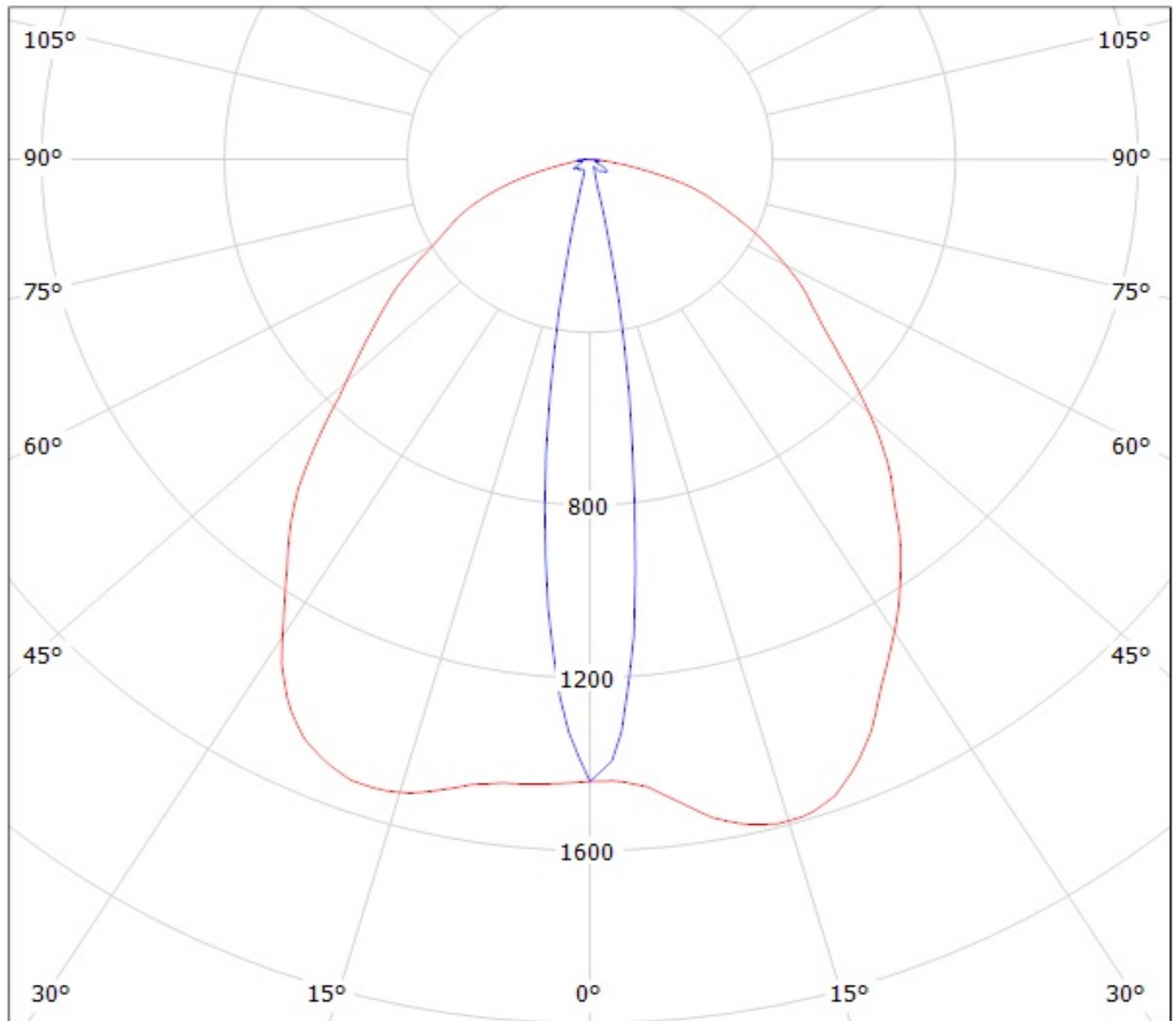


cd/klm

— C0 - C180

— C90 - C270

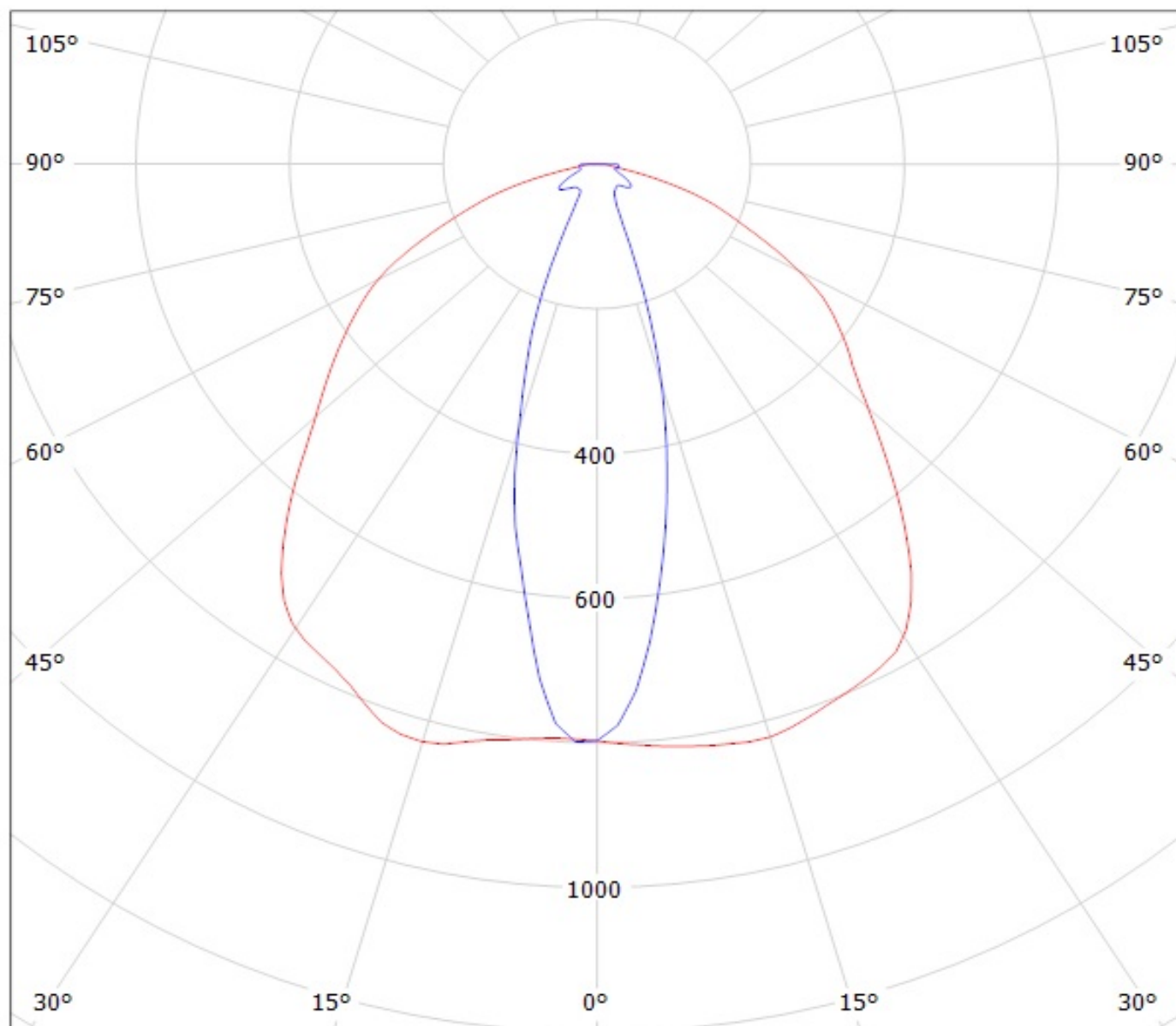
Luminaire: Ledil Oy C12837_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy C12837_FLARE-MINI-A-PIN_(XP-L)
Lamps: 1 x Cree XP-L (125 lm @ 250mA) P=0.7W I=250mA



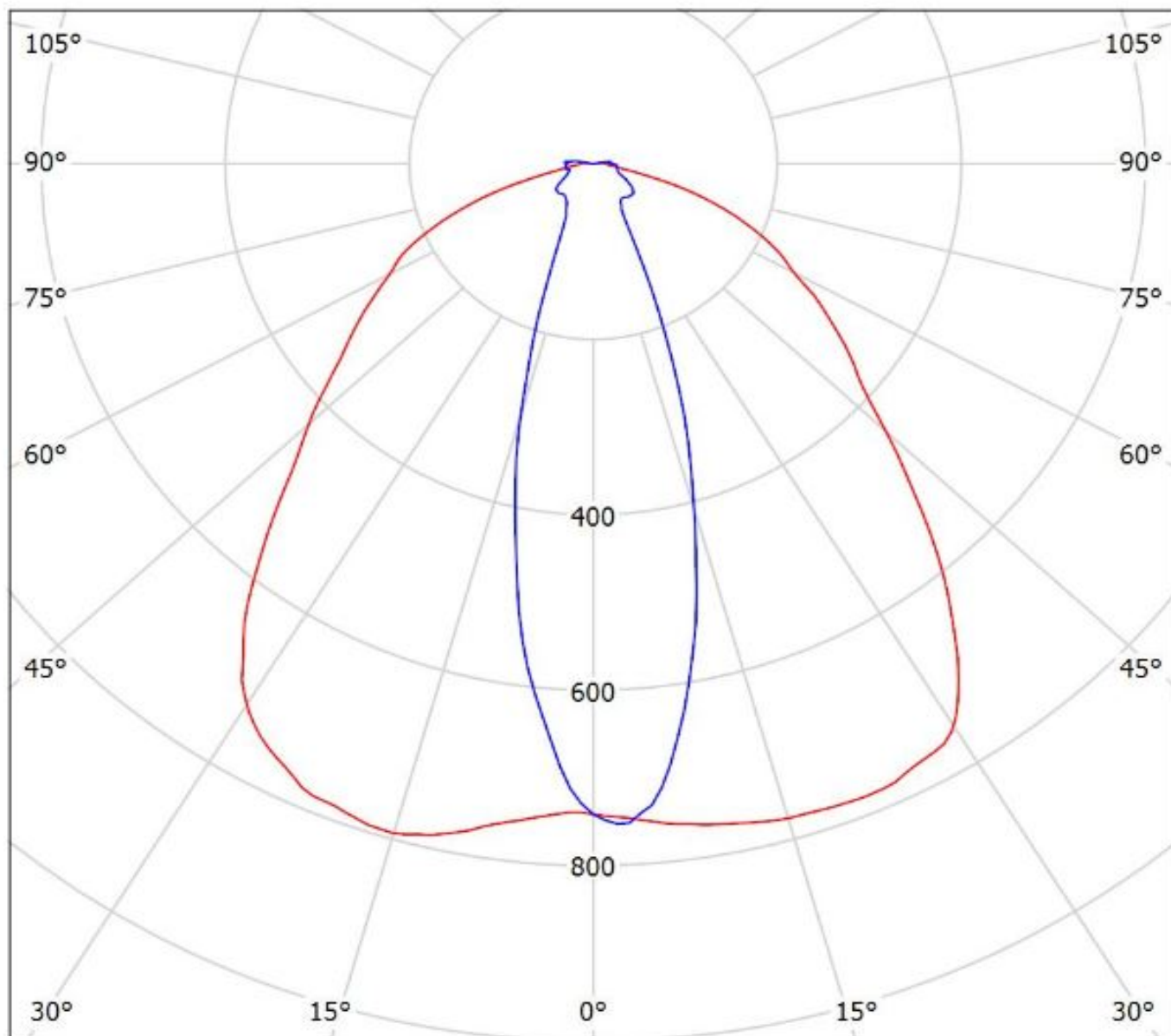
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil C12837_FLARE-MINI-A-PIN_(XP-L2)

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



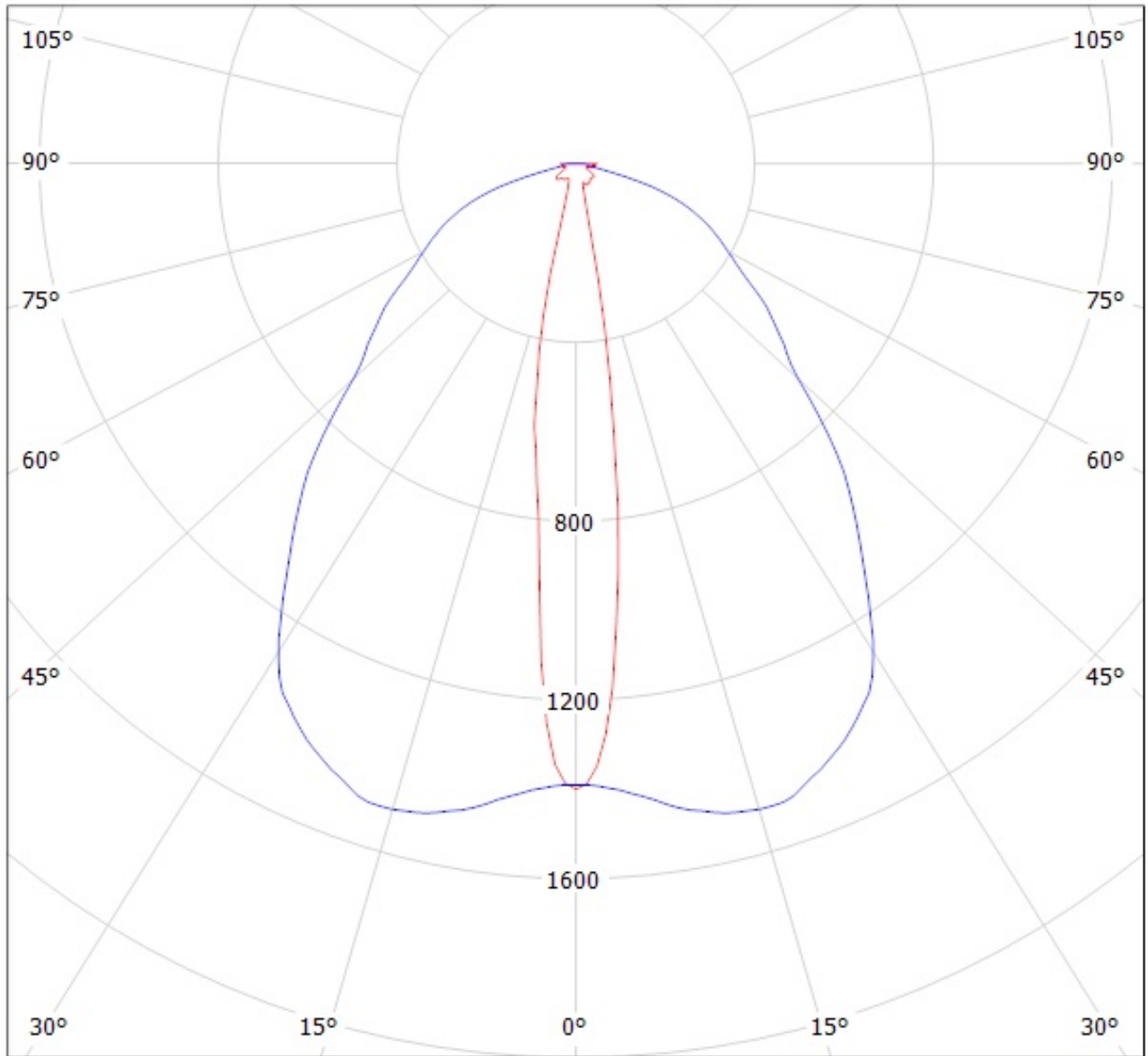
cd/klm

— C0 - C180

— C90 - C270

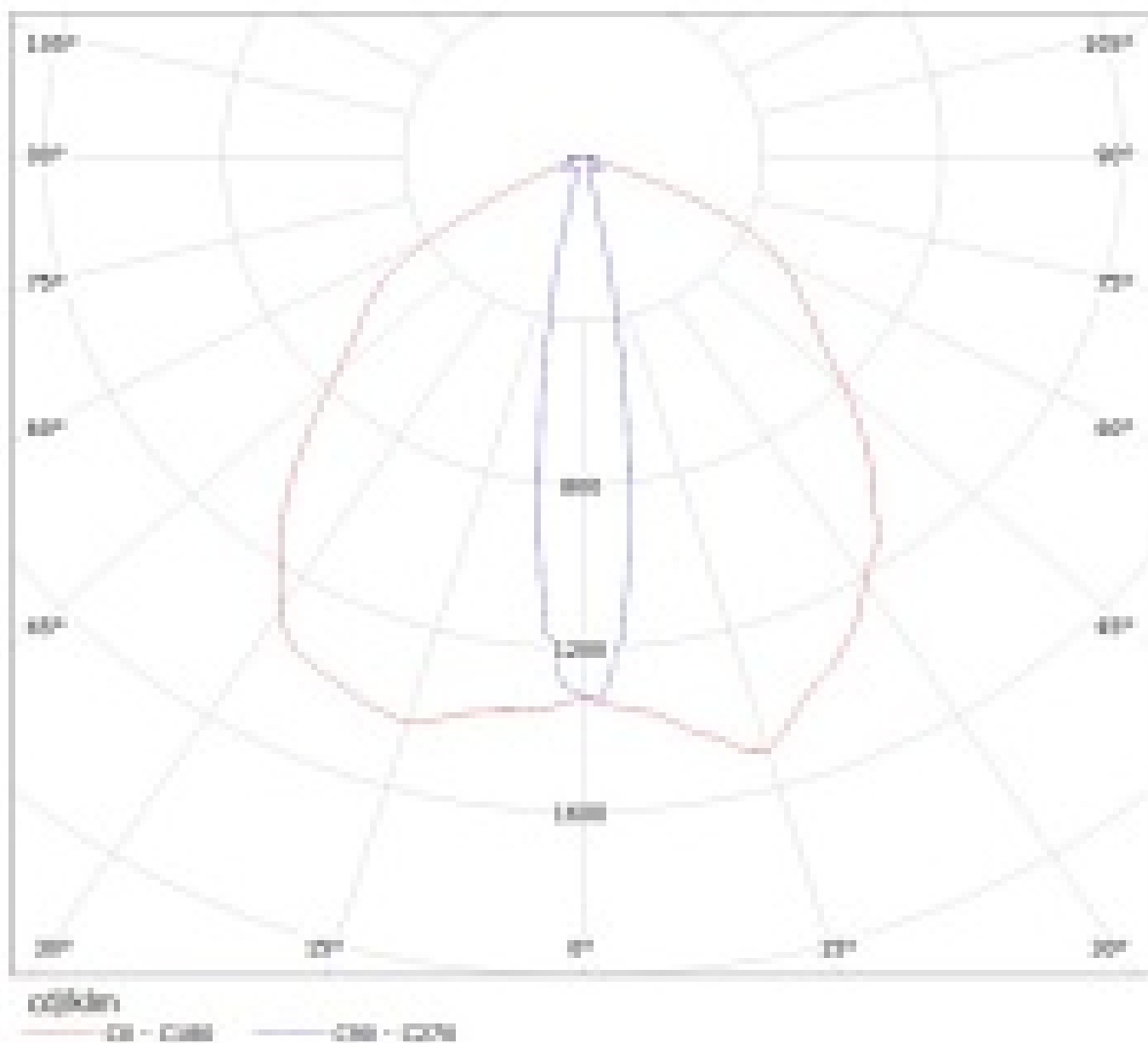
$\eta = 95\%$

Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (NCS19) Efficiency=95%
Lamps: 1 x Nichia NCS19 (95lm@250mA)

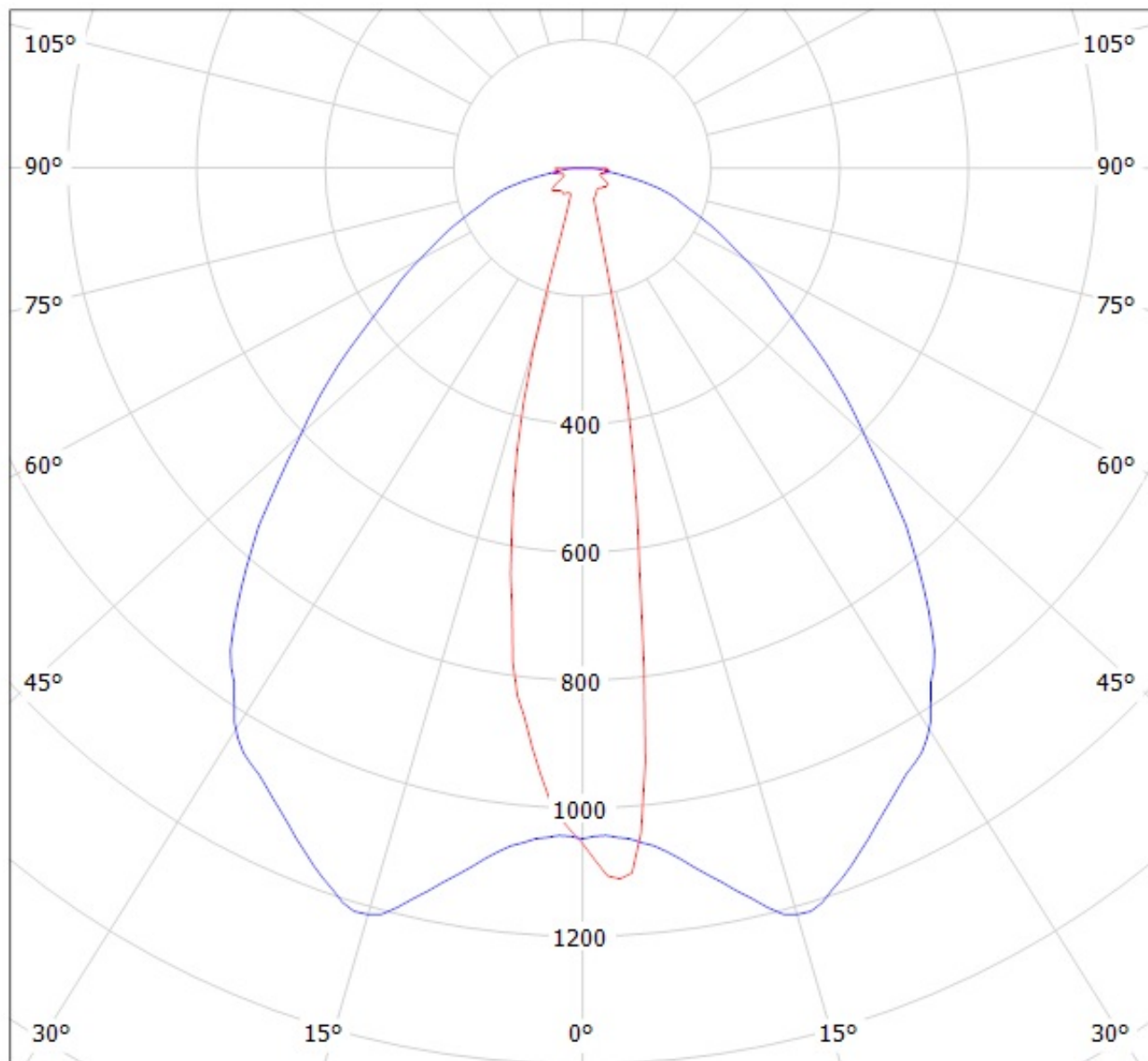


cd/klm
— C0 - C180 — C90 - C270

Luminaire: Ledli Qy C402000 Fluor-Mini-A-Pol (Aktiviteti) Efficiency: 144%
Lamp: 1 x Nichia NSD-Sw-115 (MSL-115E) 5Wm @ 250mA CCT=5000K P=0.947lx=25lmol

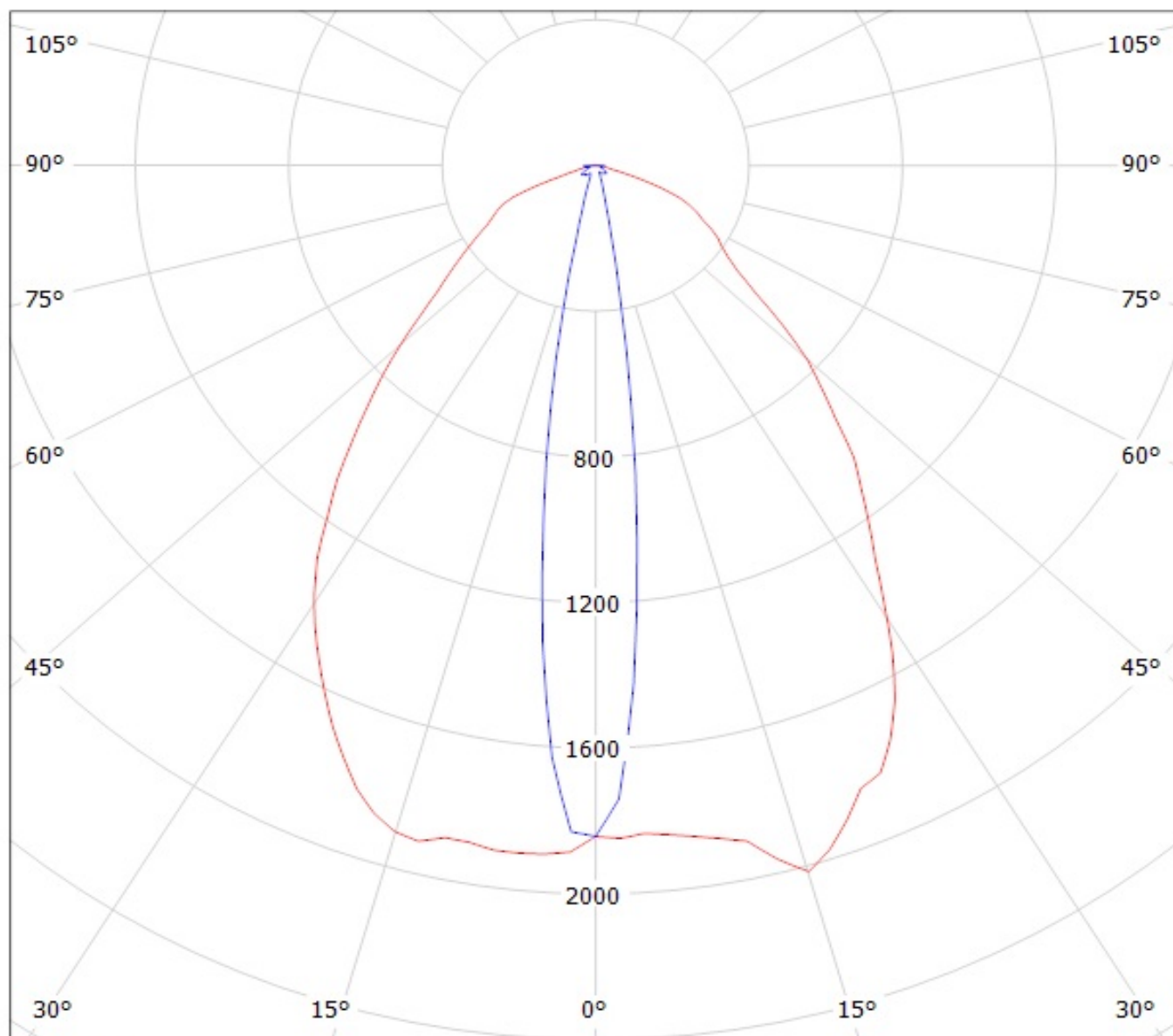


Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (SQ EC) Efficiency=94%
Lamps: 1 x Osram Oslon Square EC (69lm@250mA)



cd/klm
— C0 - C180 — C90 - C270

Luminaire: Ledil Oy C12763/C12837_FLARE-MINI-A (Osram OSL80 84lm @ 250mA) Efficiency=93%
Lamps: 1 x Osram OSL80 84lm @ 250mA

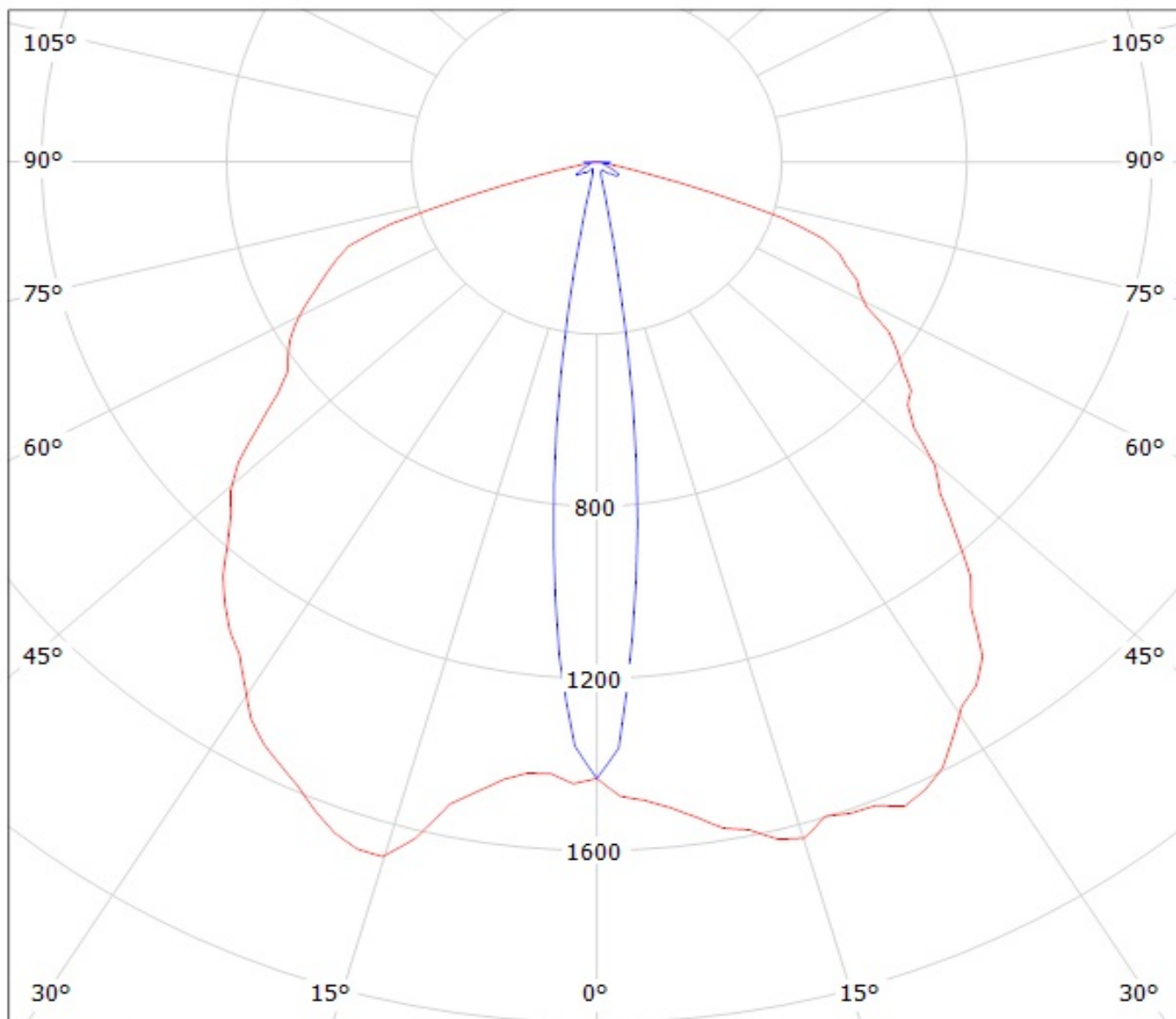


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C12763/C12837_FLARE-MINI-A (Osram OSL150 95lm @ 250mA) Efficiency=93%
Lamps: 1 x Osram OSL150 95lm @ 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.