PRODUCT DATASHEET
Flare series
last update 25/9/2015

DETAILS



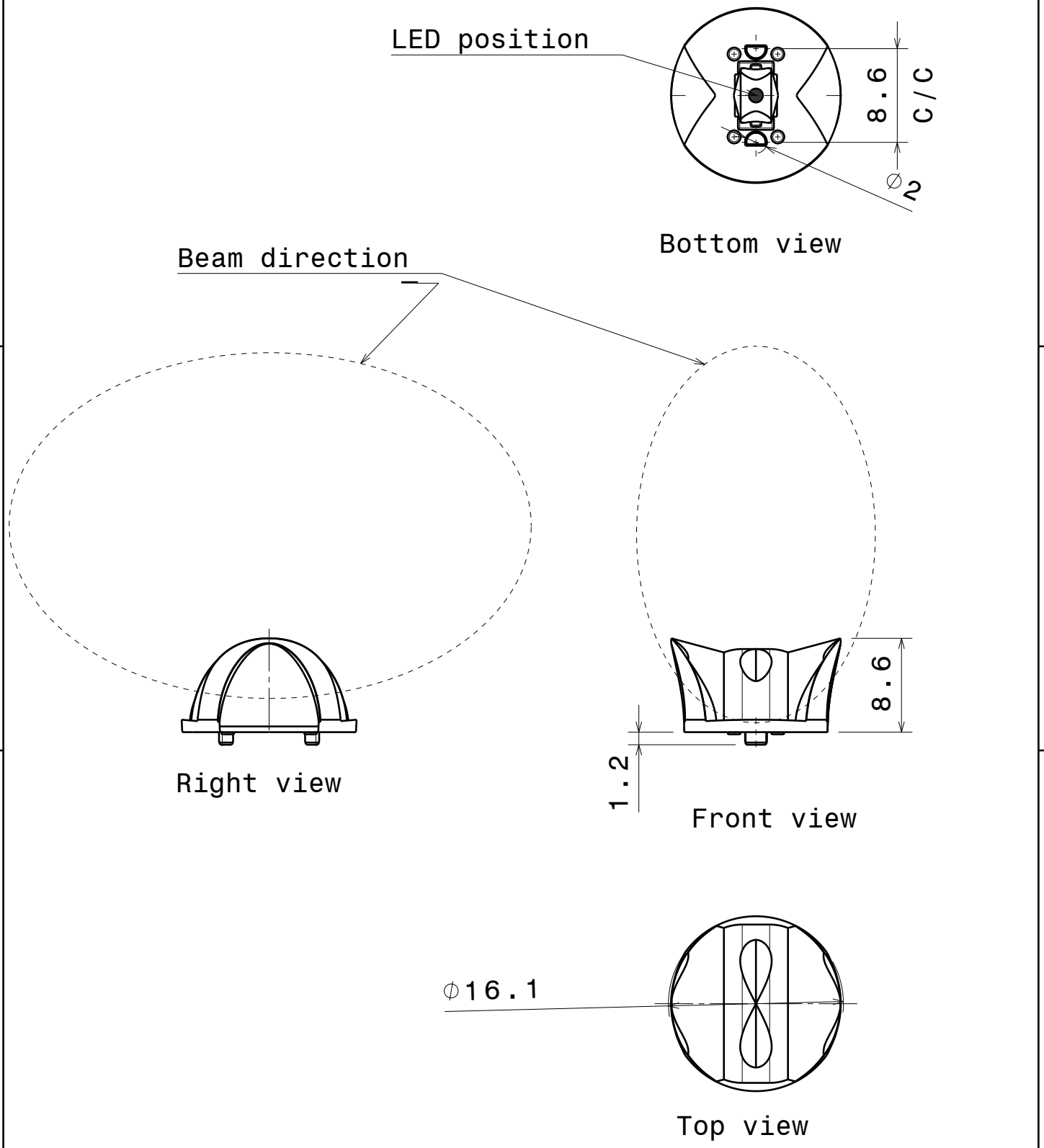
Product Number	C12837_FLARE-MINI-A-PIN
Family	Flare
Type	Lens
Color	clear
Diameter	16 mm
Height	8,6 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	25/09/2015

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
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	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

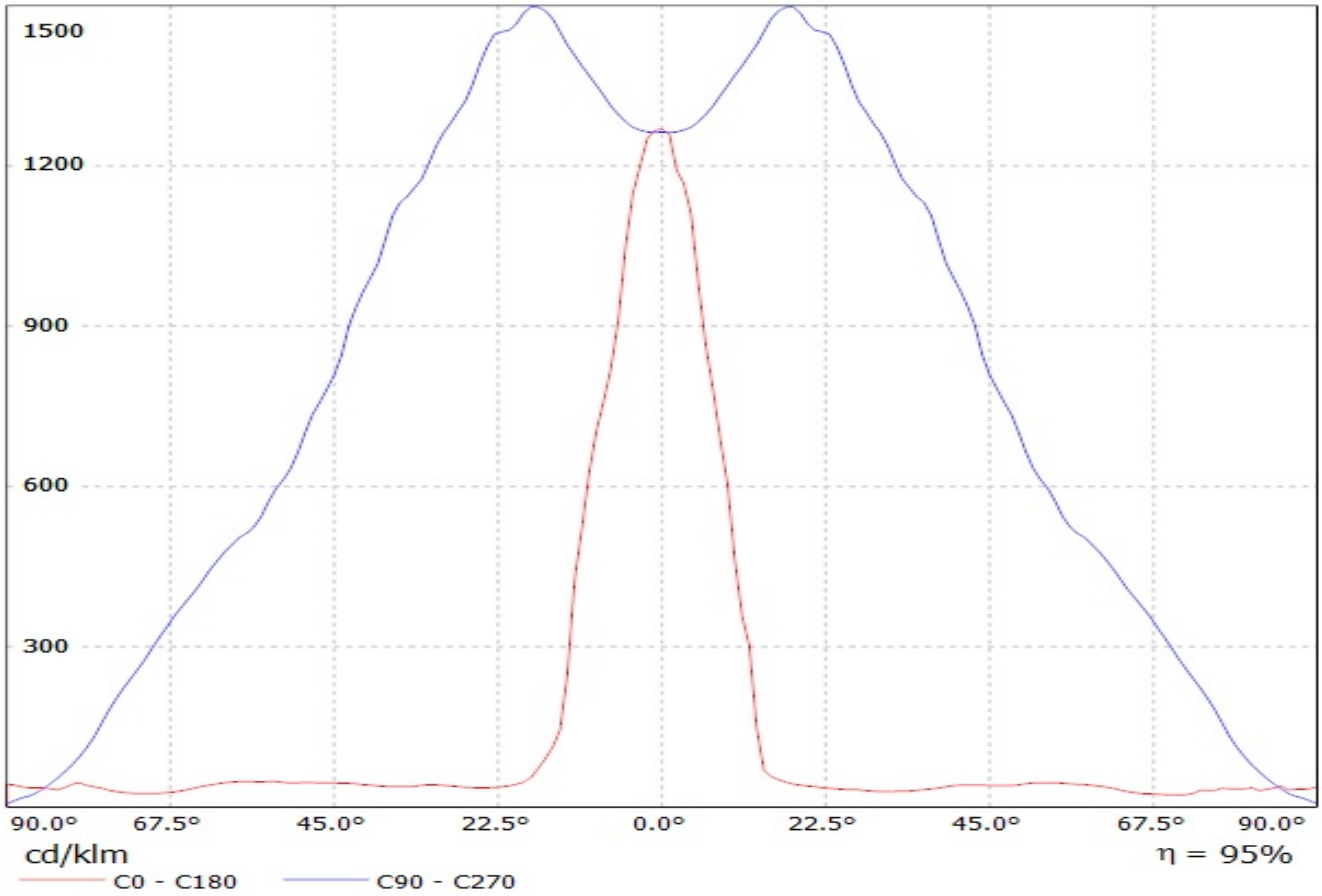
DRAWING TITLE

Datasheet FLARE-MINI_PIN

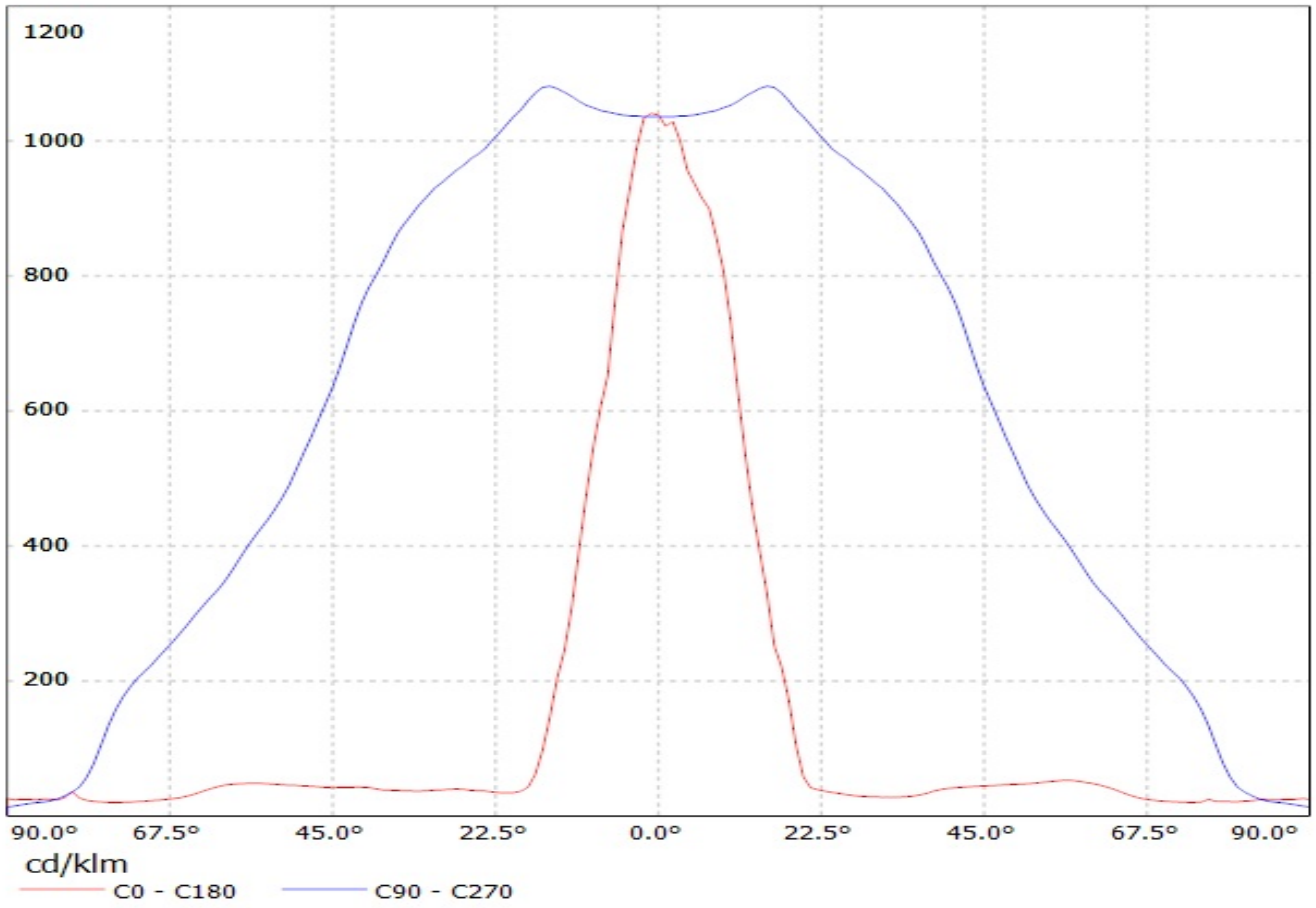
SIZE	PART NUMBER
A4	-

SCALE	WEIGHT		SHEET
2:1	(g)		1/1

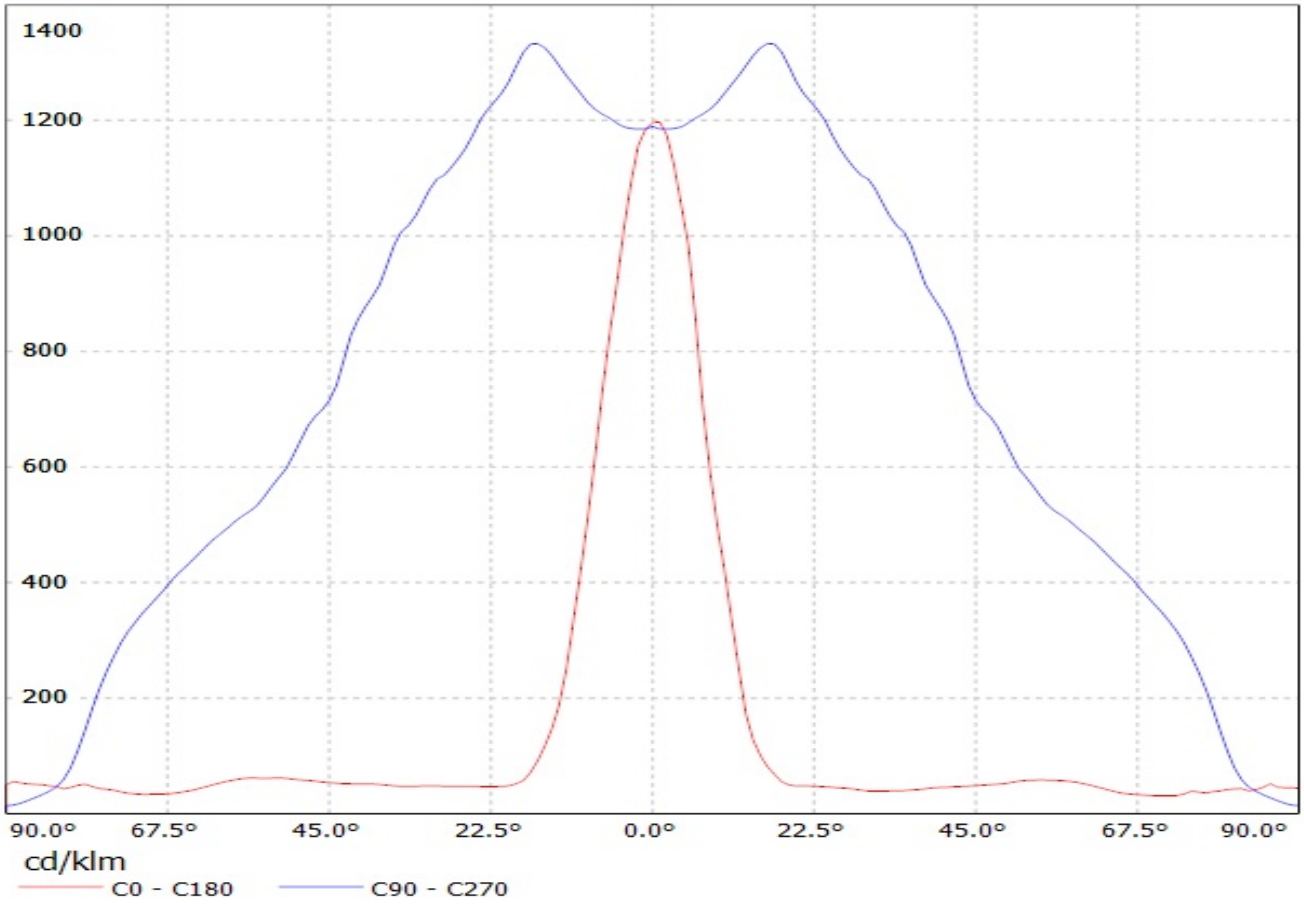
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XP-E) Efficiency=95%
Lamps: 1 x Cree XP-E (74lm@250mA)



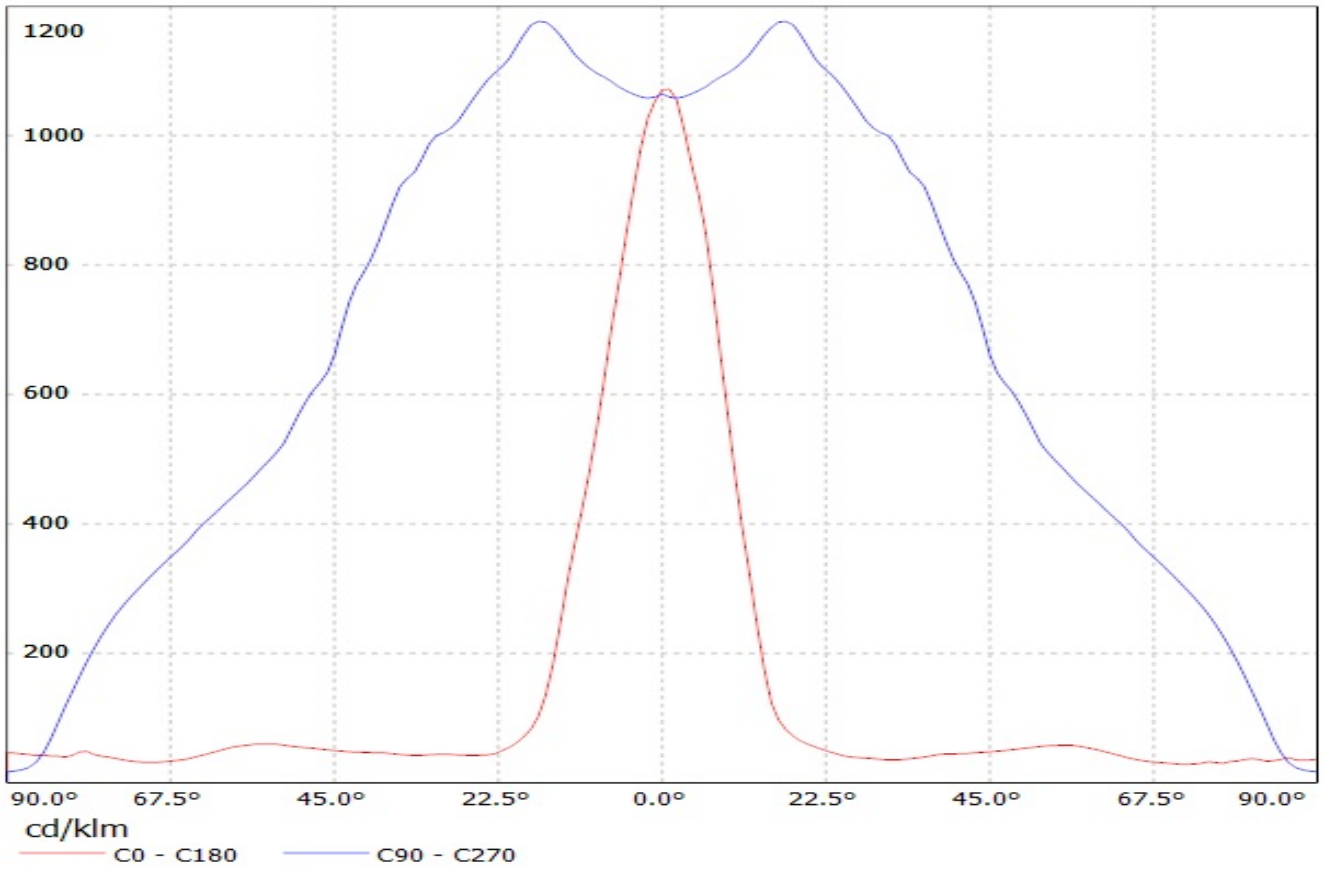
Luminaire: LEDIL OY C12763 & C12837 FLARE-MINI-A (XP-G) Efficiency=95%
Lamps: 1 x Cree XP-G (92lm@250mA)



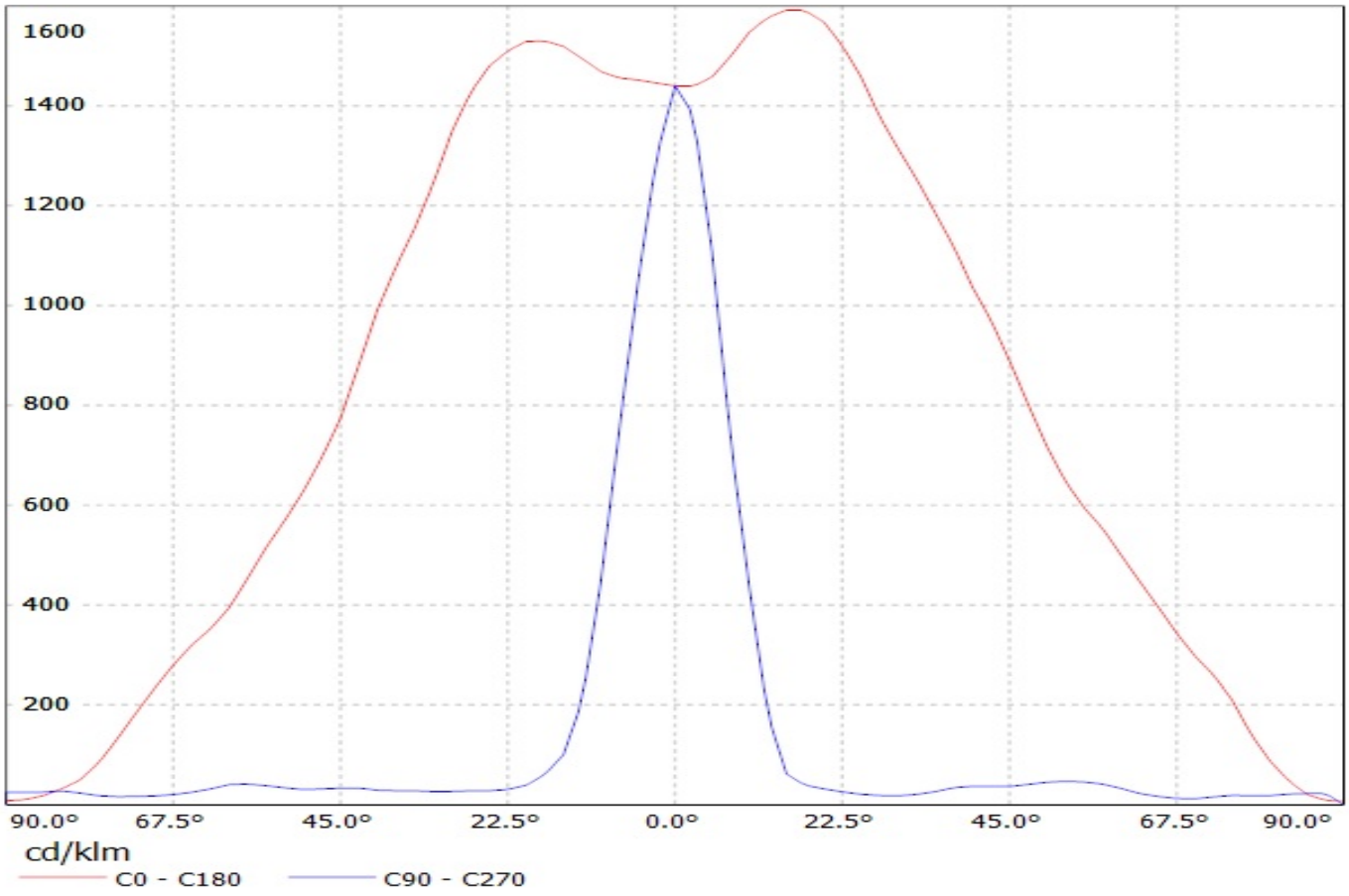
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XB-D) Efficiency=95%
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



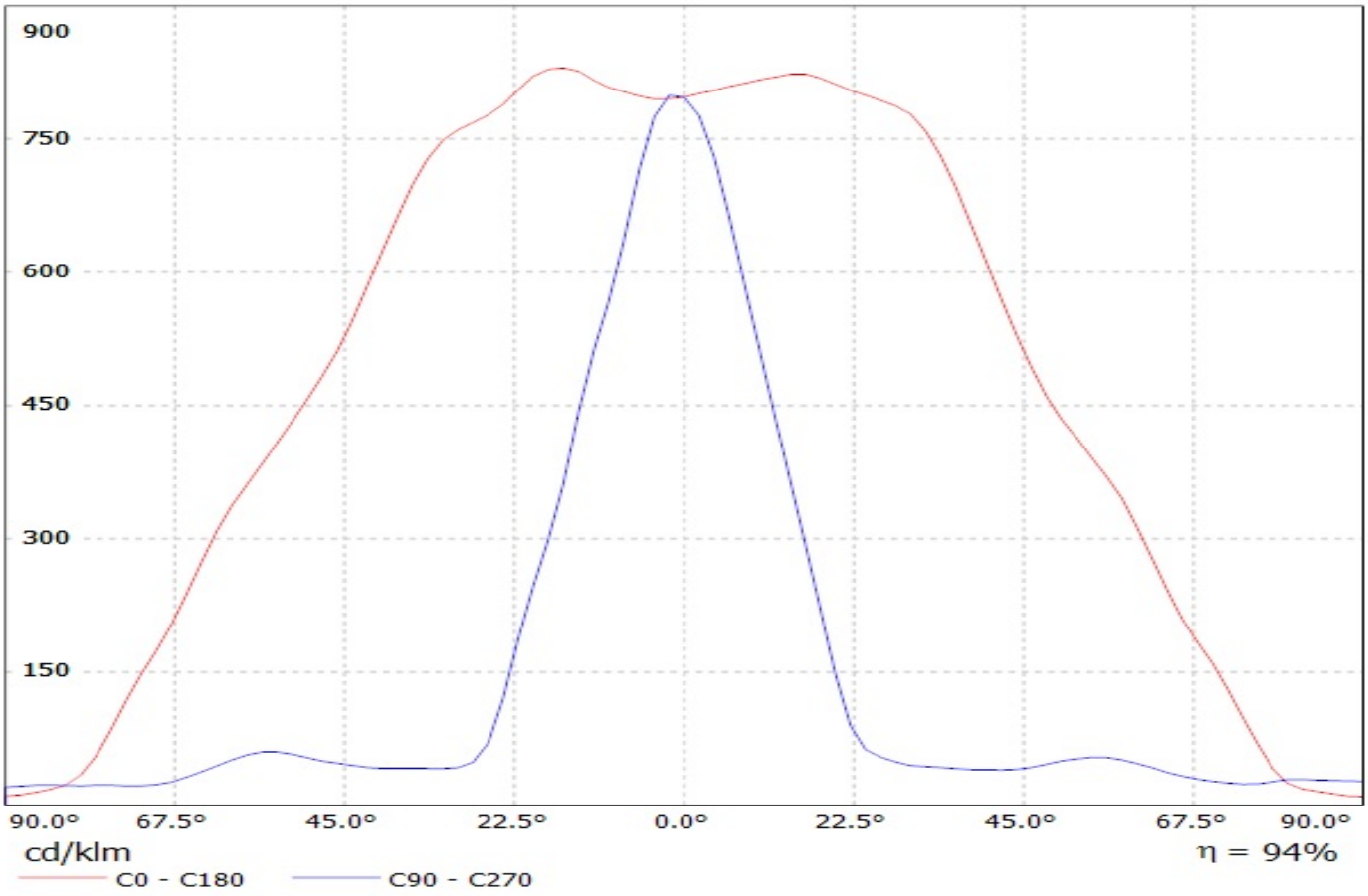
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XT-E AWT) Efficiency=94%
Lamps: 1 x Cree XT-E AWT (108lm@250mA)



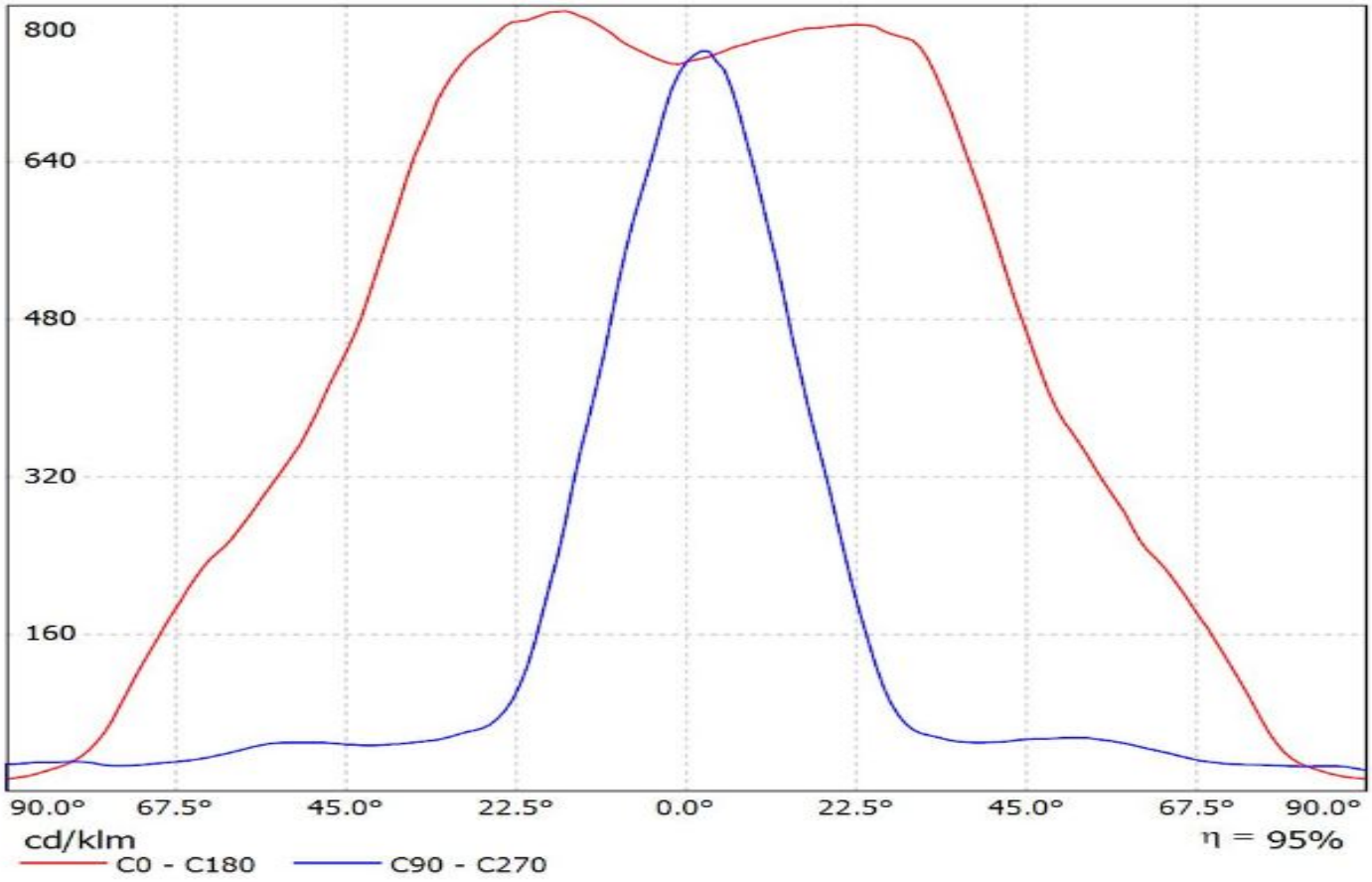
Luminaire: Ledil Oy C12837_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



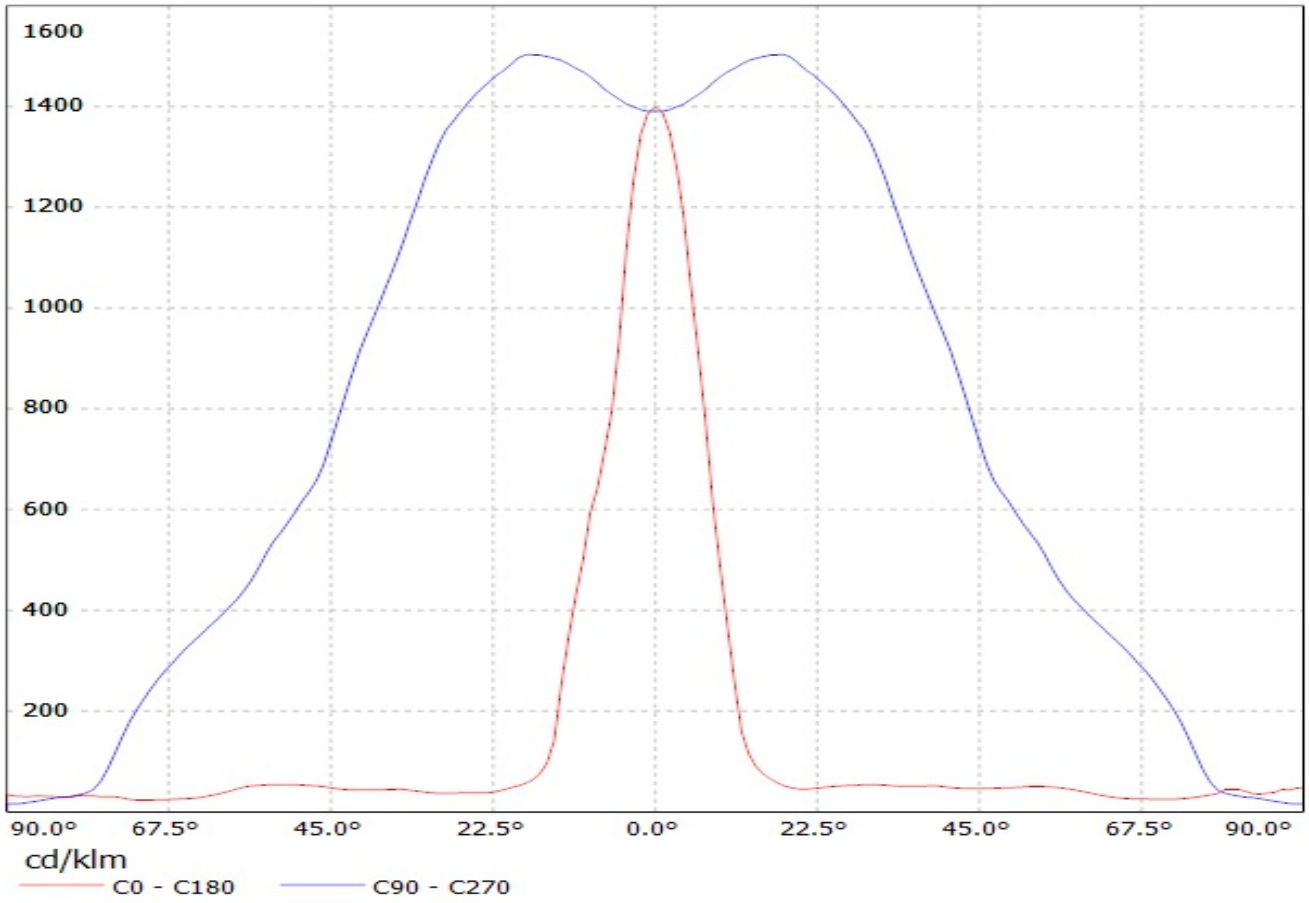
Luminaire: LEDil Oy C12837_FLARE-MINI-A-PIN_(XP-L)
Lamps: 1 x Cree XP-L (125 lm @ 250mA) P=0.7W I=250mA



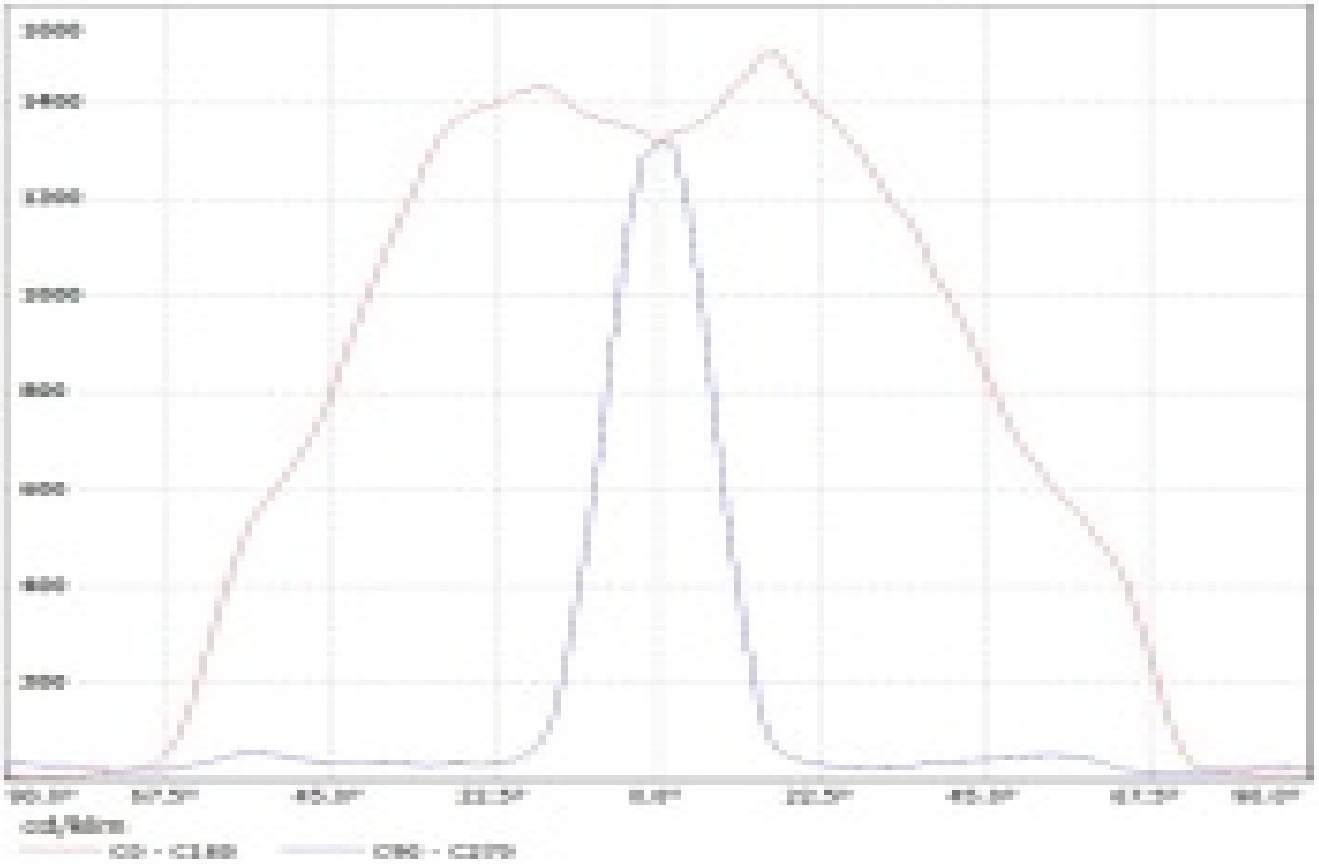
Luminaire: Ledil C12837_FLARE-MINI-A-PIN_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A



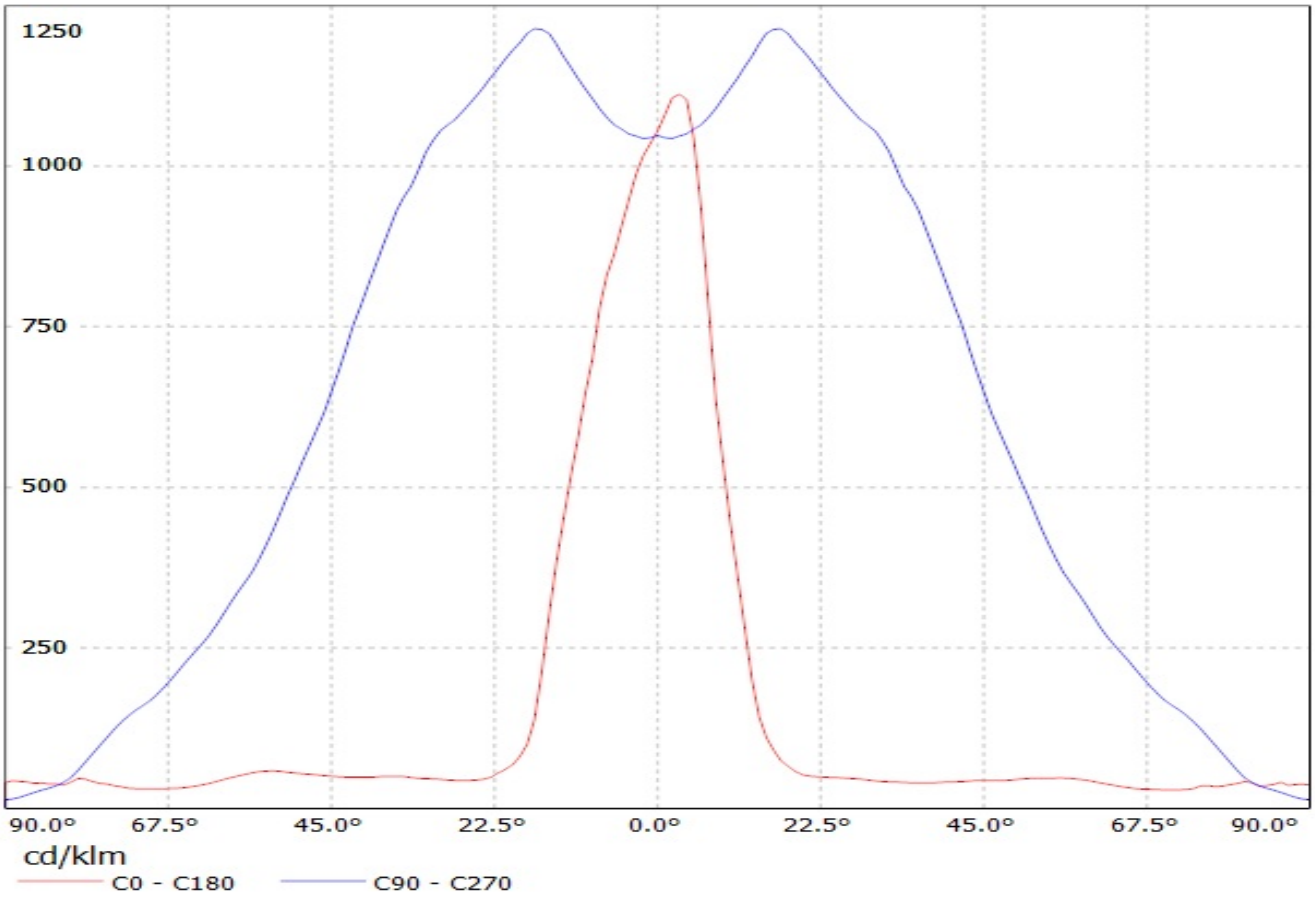
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (NCS19) Efficiency=95%
Lamps: 1 x Nichia NCS19 (95lm@250mA)



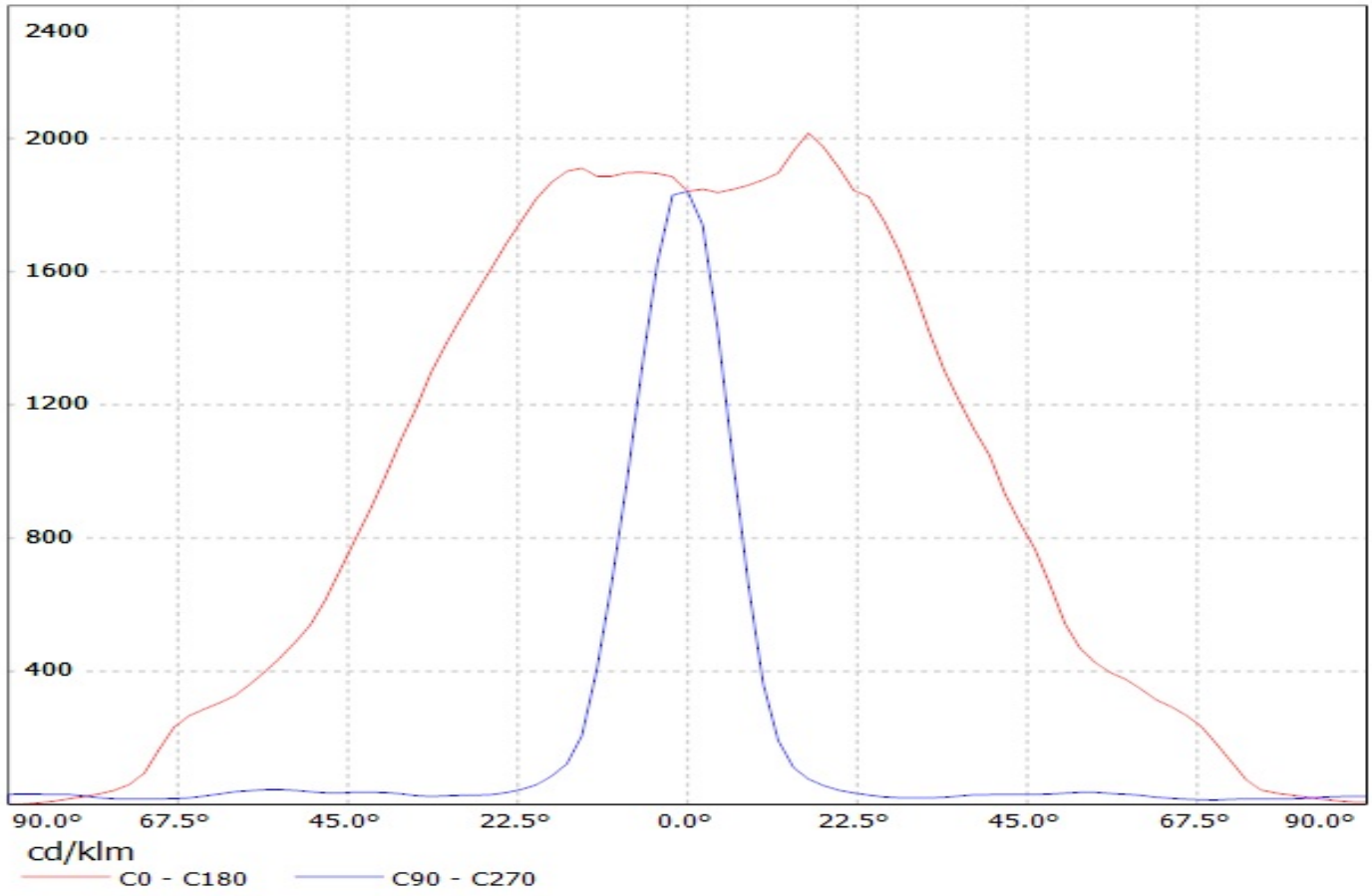
Luminaire: Ledil Oy CA10838_Flare-Mini-A-Pin_(NCSxx198) Efficiency=94%
Lampe: 1 x Nichia NCSxx198 (NCSL119BC) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



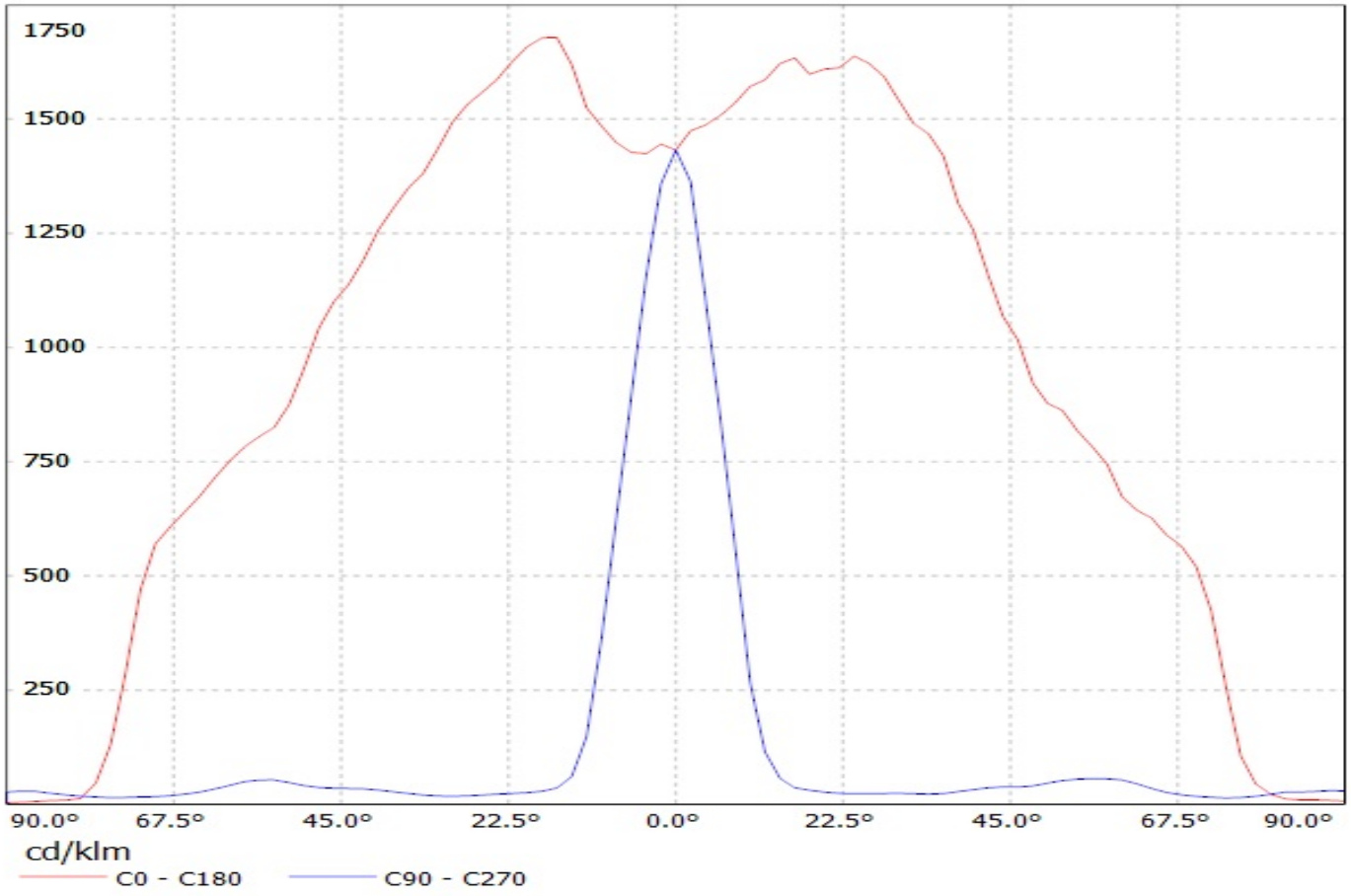
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (SQ EC) Efficiency=94%
Lamps: 1 x Osram Oslon Square EC (69lm@250mA)



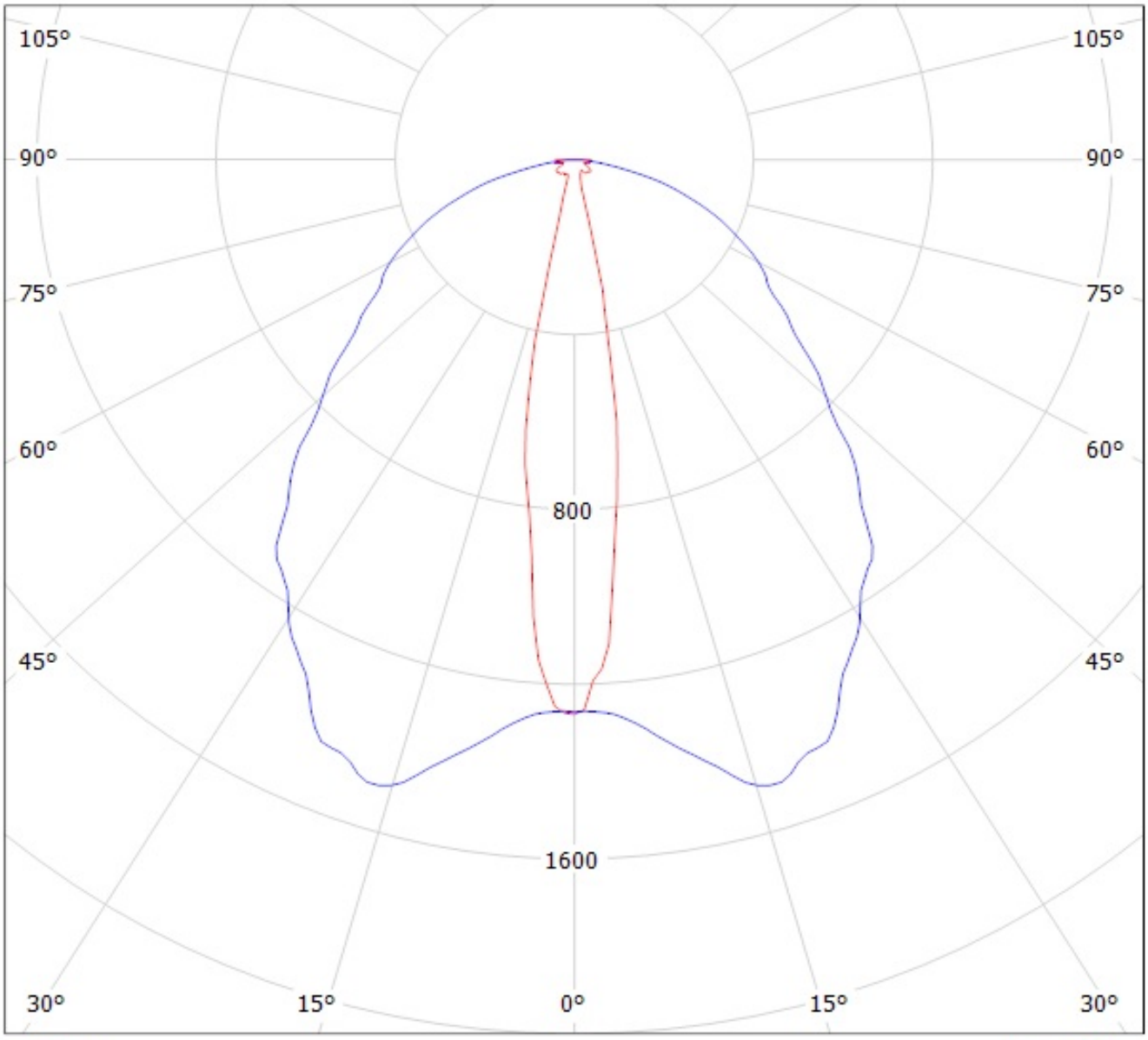
Luminaire: Ledil Oy C12763/C12837_FLARE-MINI-A (Osram OSL80 84lm @ 250mA) Efficiency=93%
Lamps: 1 x Osram OSL80 84lm @ 250mA



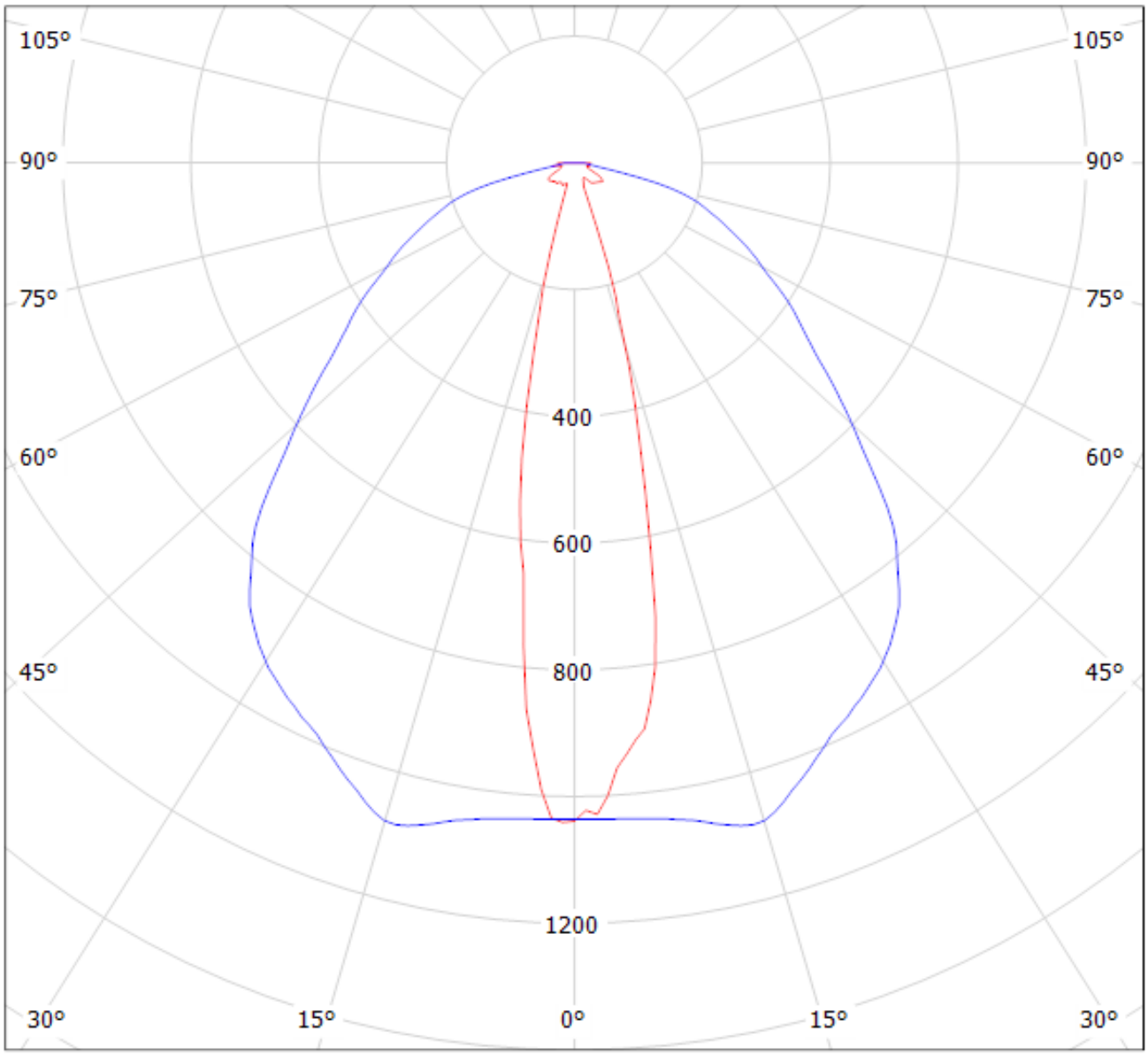
Luminaire: Ledil Oy C12763/C12837_FLARE-MINI-A (Osram OSL150 95lm @ 250mA) Efficiency=93%
Lamps: 1 x Osram OSL150 95lm @ 250mA



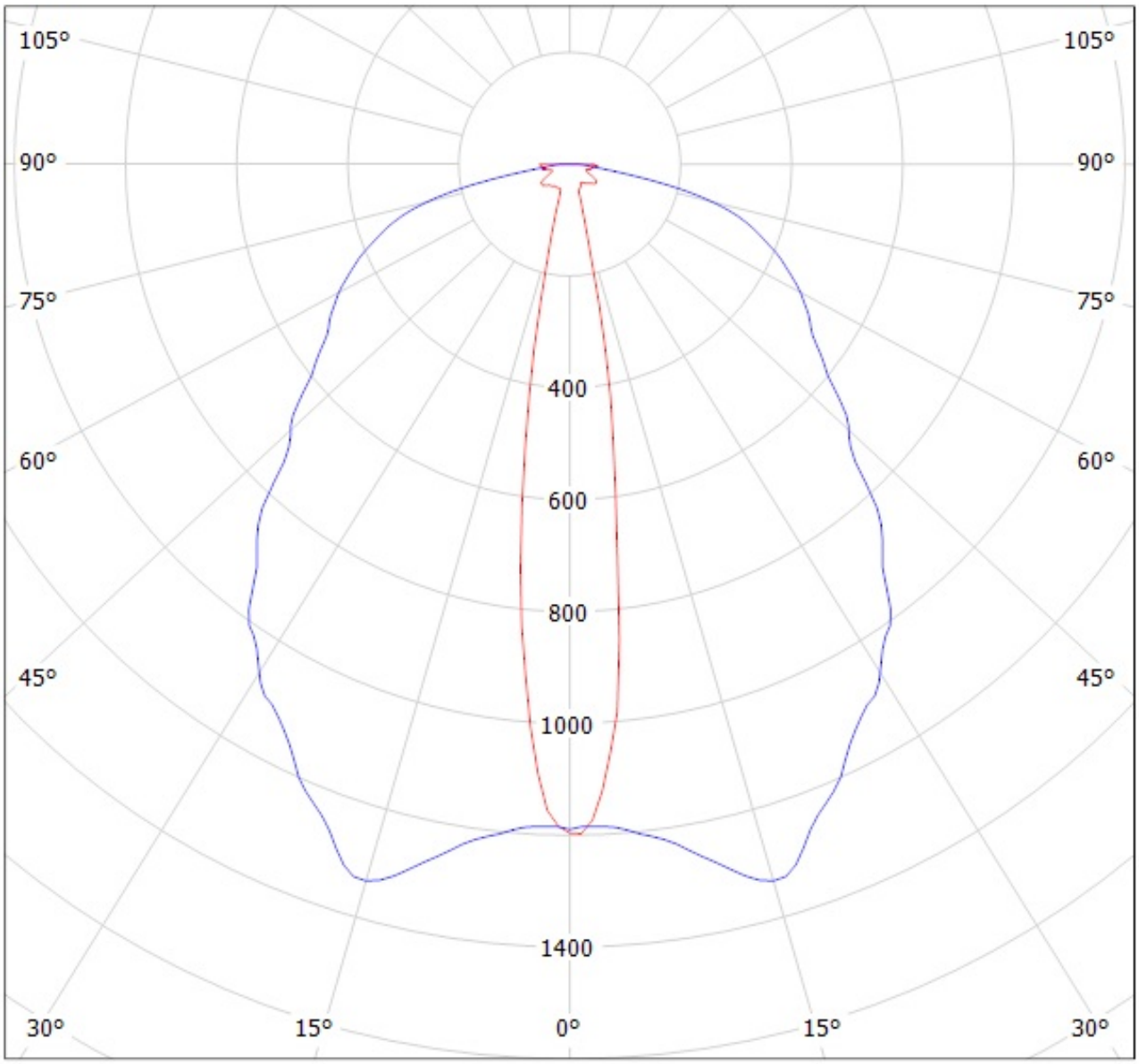
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XP-E) Efficiency=95%
Lamps: 1 x Cree XP-E (74lm@250mA)



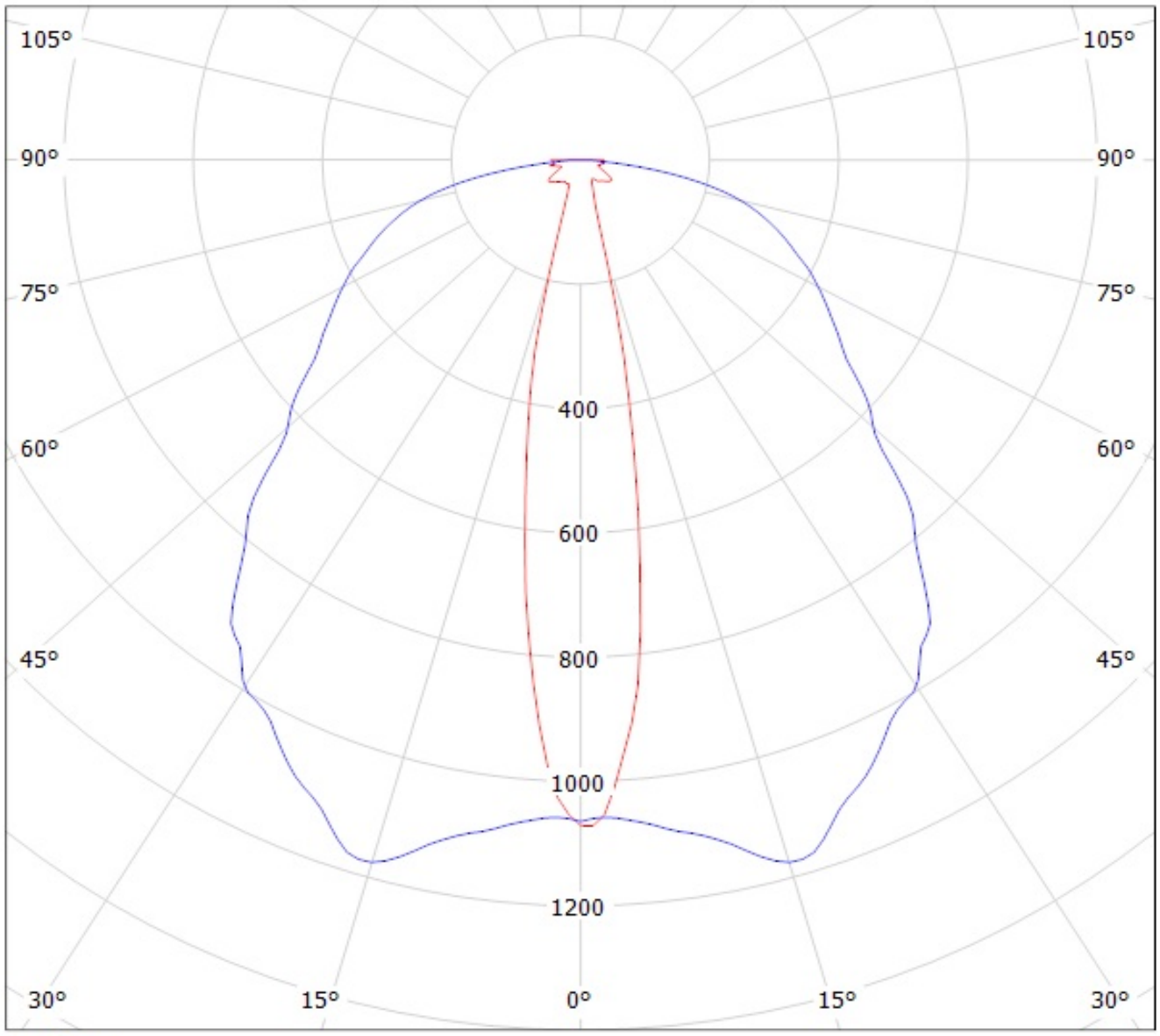
Luminaire: LEDIL OY C12763 & C12837 FLARE-MINI-A (XP-G) Efficiency=95%
Lamps: 1 x Cree XP-G (92lm@250mA)



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



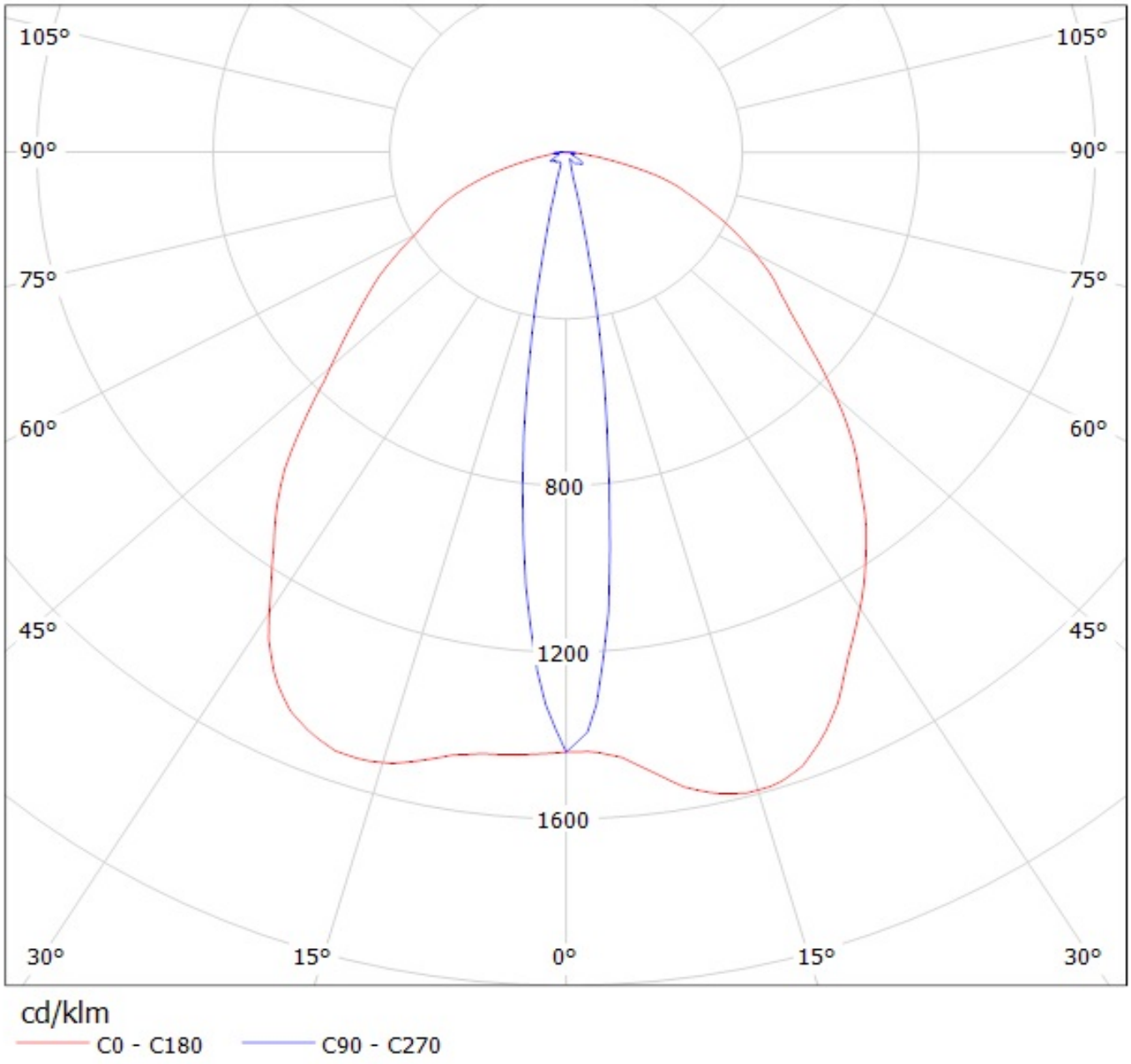
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (XT-E AWT) Efficiency=94%
Lamps: 1 x Cree XT-E AWT (108lm@250mA)



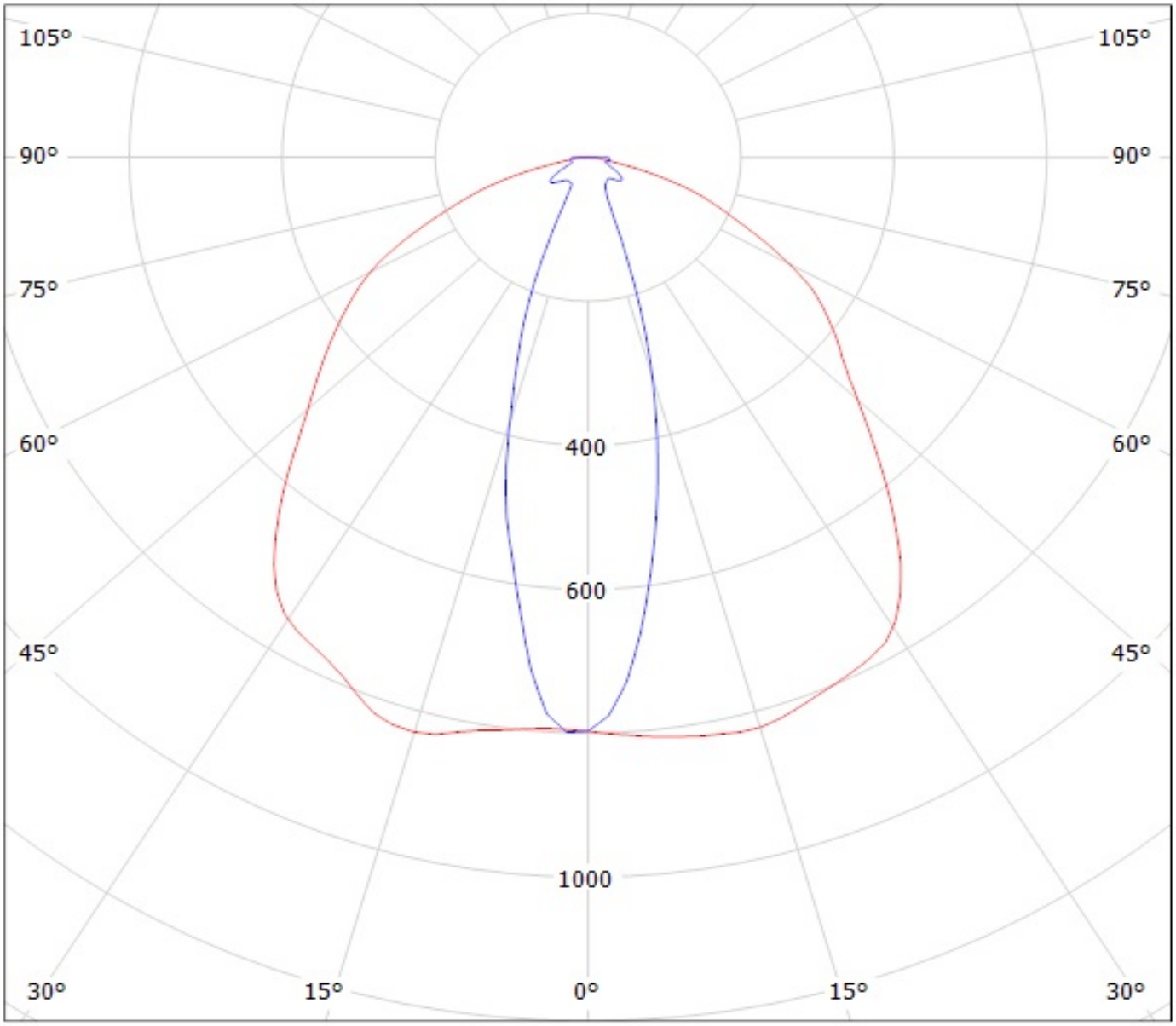
cd/klm

C0 - C180 C90 - C270

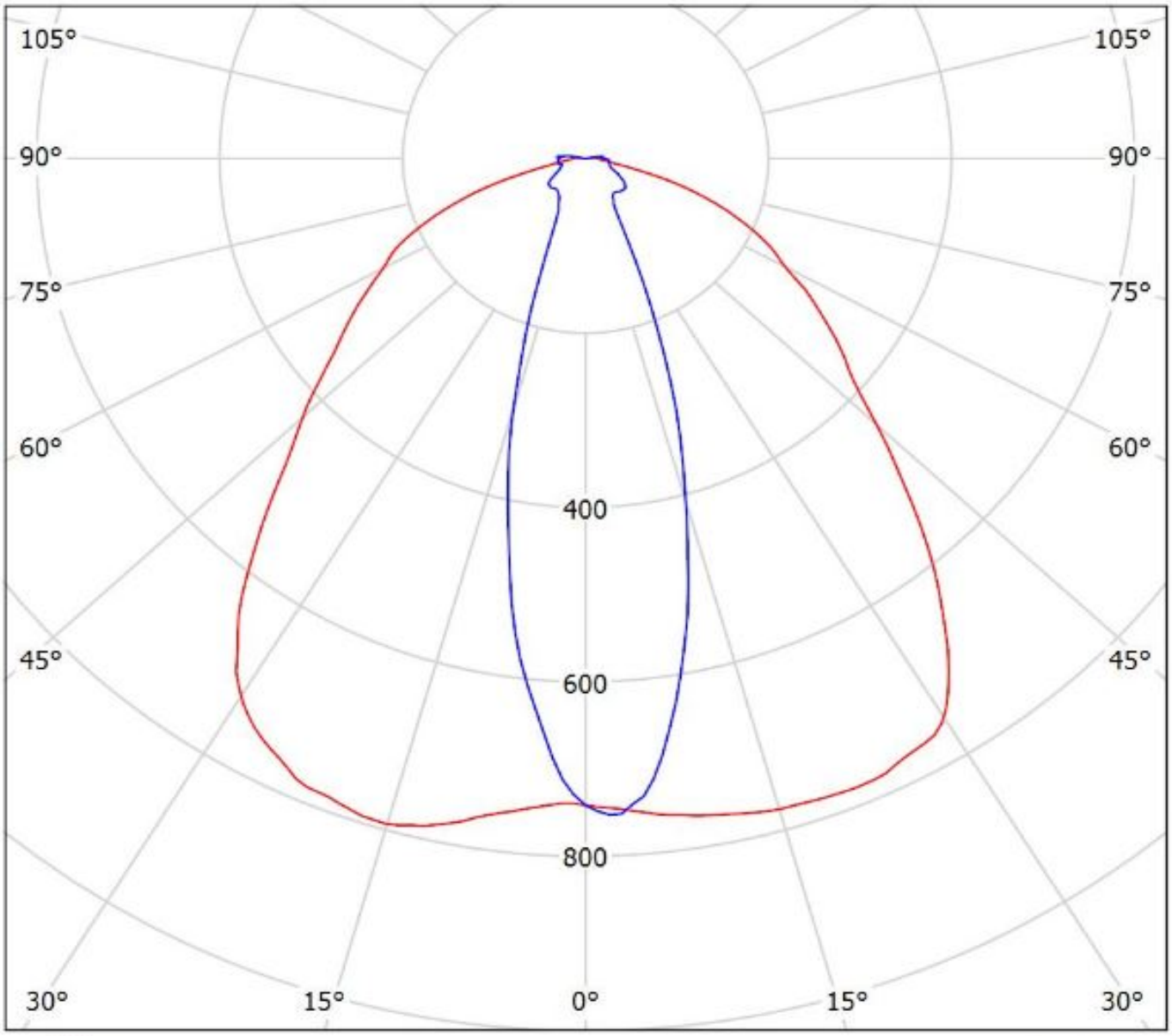
Luminaire: Ledil Oy C12837_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



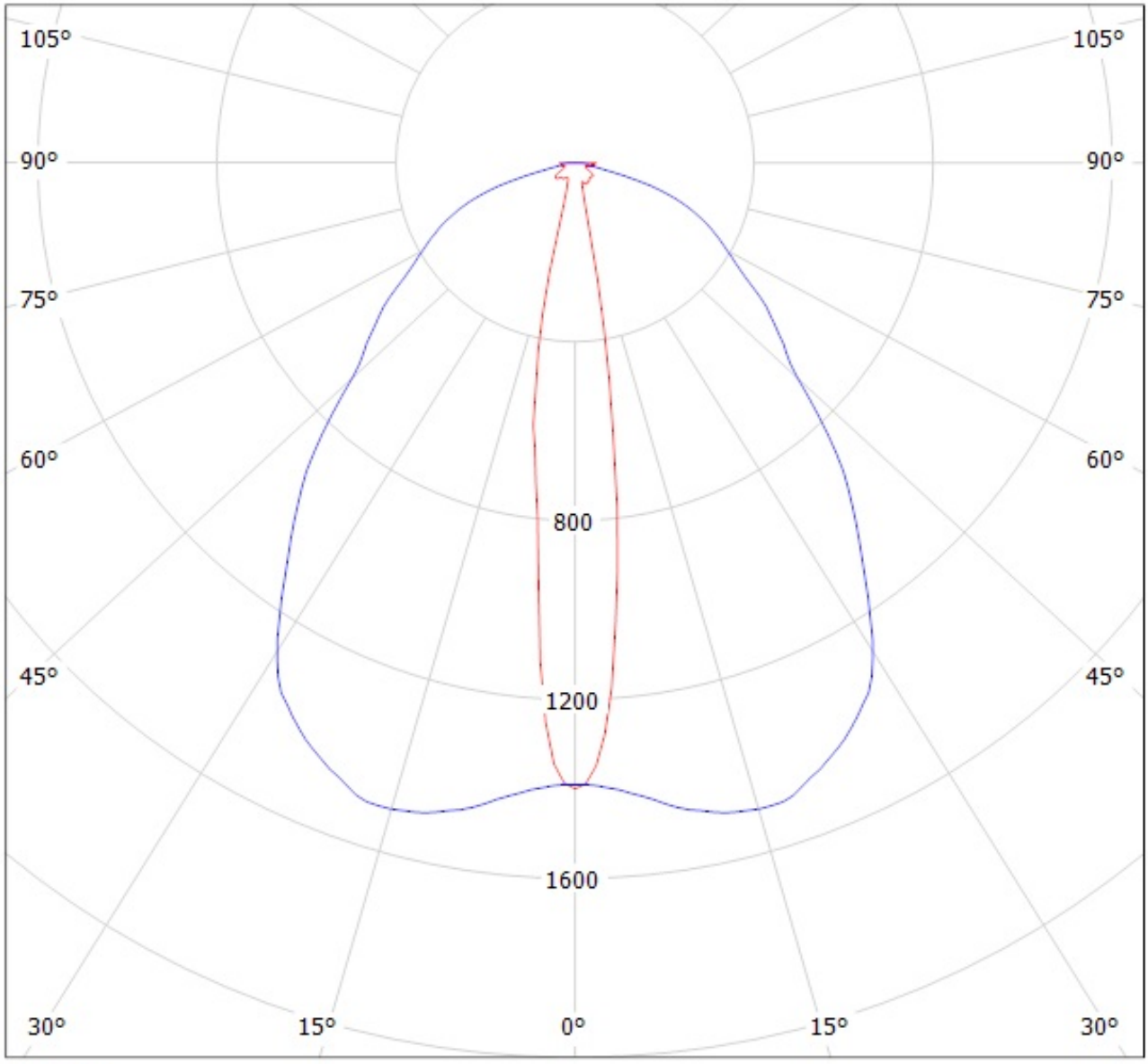
Luminaire: LEDil Oy C12837_FLARE-MINI-A-PIN_(XP-L)
Lamps: 1 x Cree XP-L (125 lm @ 250mA) P=0.7W I=250mA



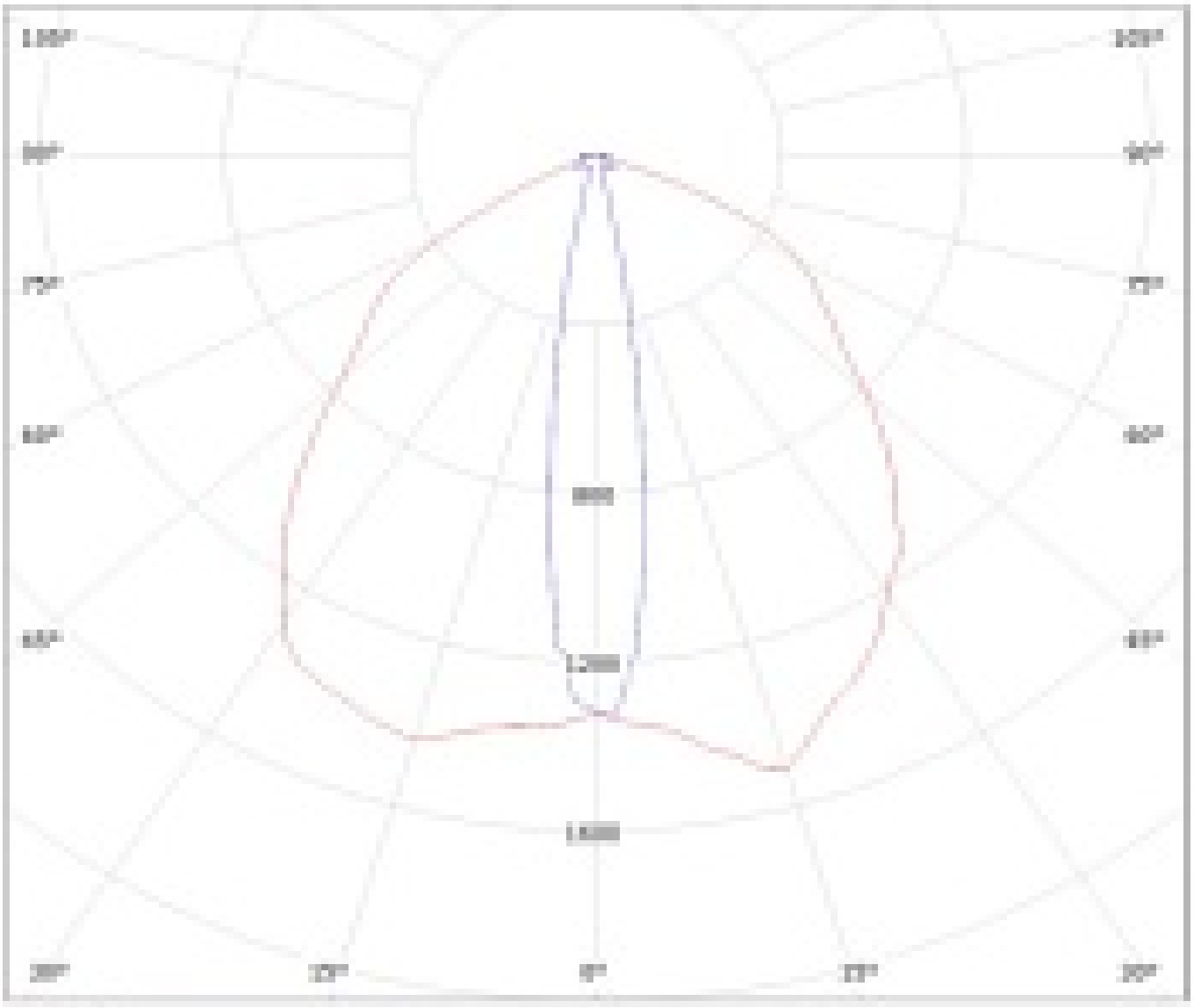
Luminaire: Ledil C12837_FLARE-MINI-A-PIN_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A



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



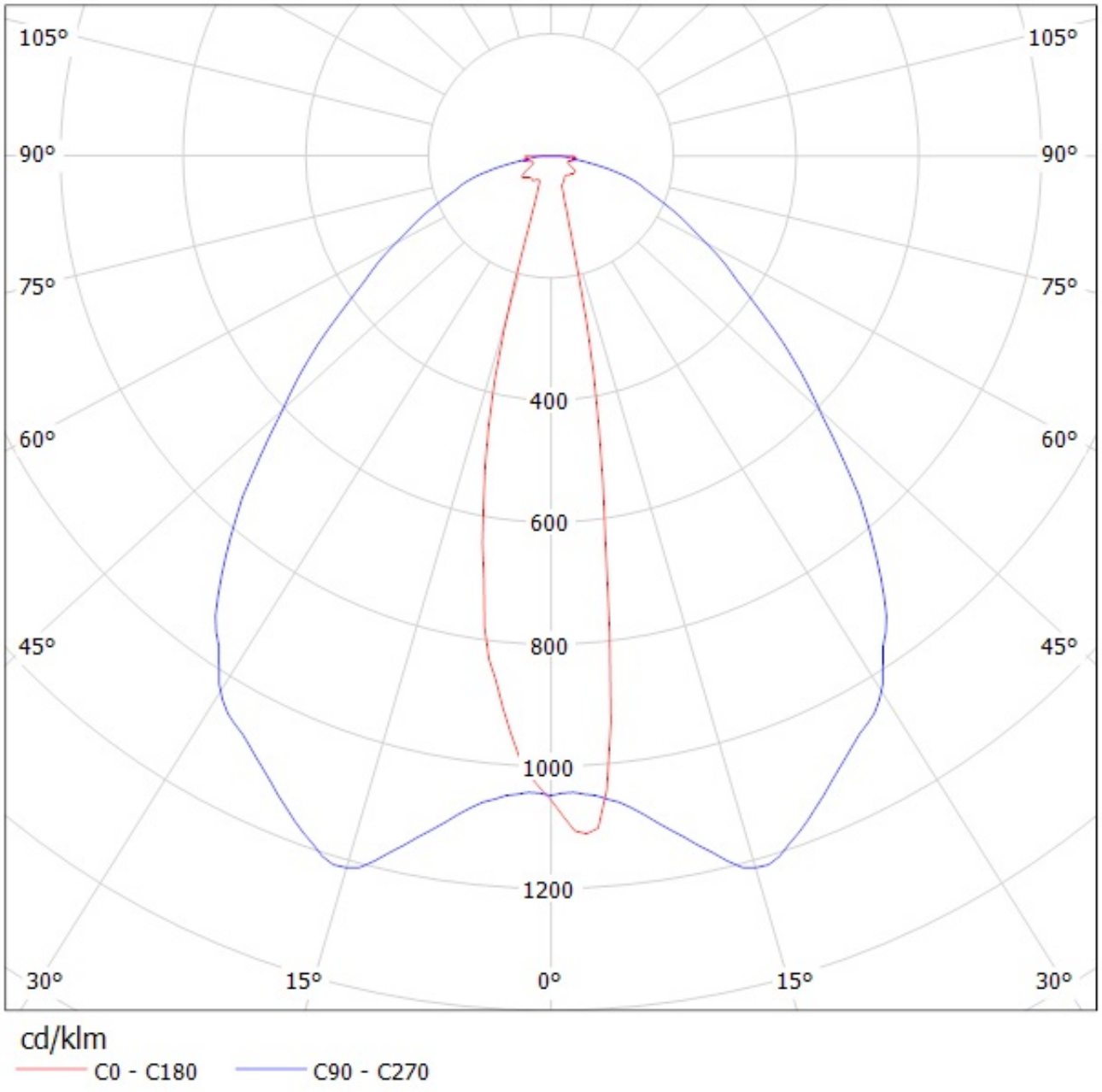
Luminaire: Ledil Oy CA12030_Flare-Mini-A-Pin_(NCSxx19B) Efficiency=94%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 50lm @ 250mA CCT=3000K P=0.5W I=250mA



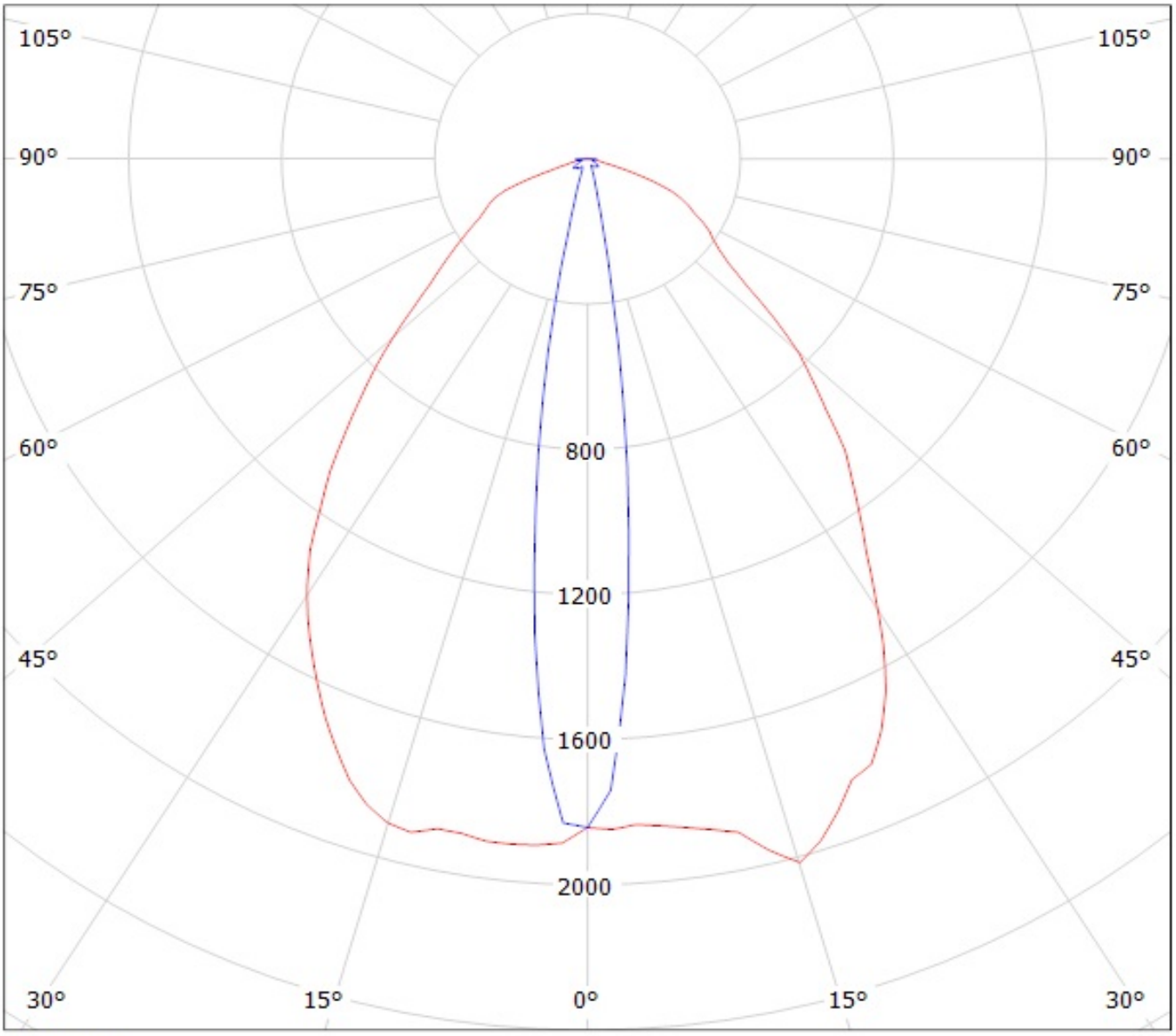
cd/klm

C0 - C180 C90 - C270

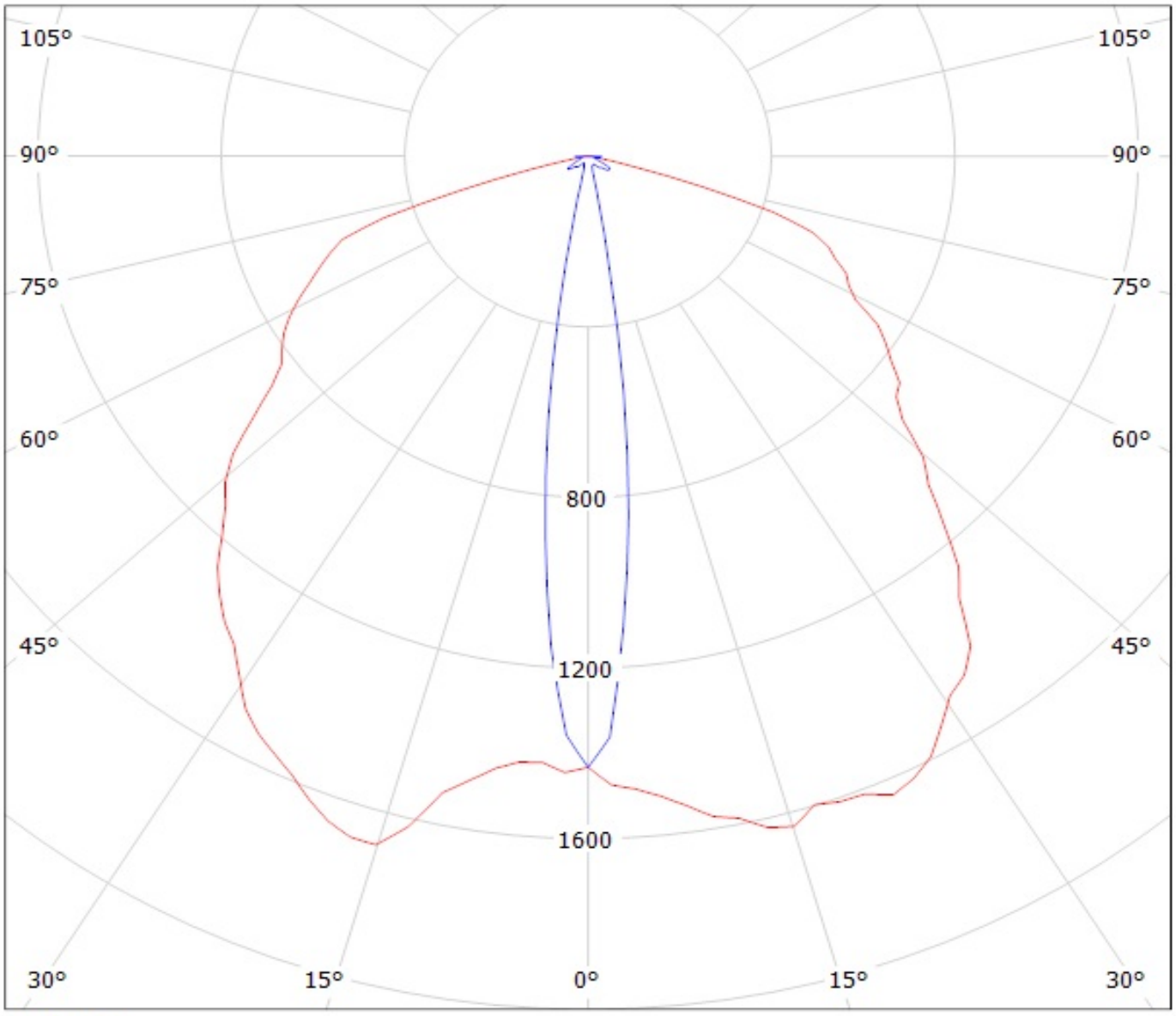
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (SQ EC) Efficiency=94%
Lamps: 1 x Osram Oslon Square EC (69lm@250mA)



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



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.