

## DETAILS

<b>Product Number</b>	C12763_FLARE-MINI-A
<b>Family</b>	Flare
<b>Type</b>	Lens
<b>Color</b>	clear
<b>Diameter</b>	16 mm
<b>Height</b>	8,6 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	25/09/2015

## OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
XP-E	95+17 deg	Oval	95 %	1.600	-
XB-D	95+16 deg	Oval	95 %	1.300	-
XP-G	99+21 deg	Oval	95 %	1.070	-
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

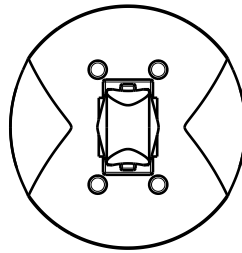
C

B

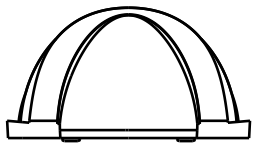
A

4

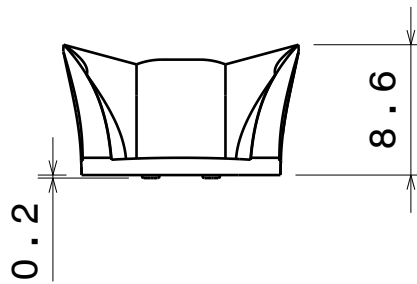
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Bottom view



Right view



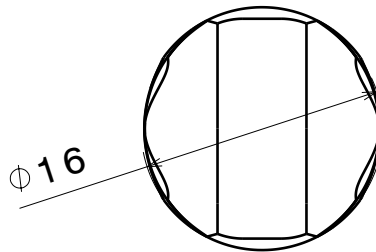
Front view

3

3

2

2



Top view

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWING TITLE

Datasheet FLARE-MINI

DRAWN BY

as

DATE

1.8.2012

CHECKED BY

sn

DATE

1.8.2012

DESIGNED BY

pl

DATE

27.2.2012

SIZE

A4

PART NUMBER

SCALE

2:1

WEIGHT

REV

001

SHEET

1/1

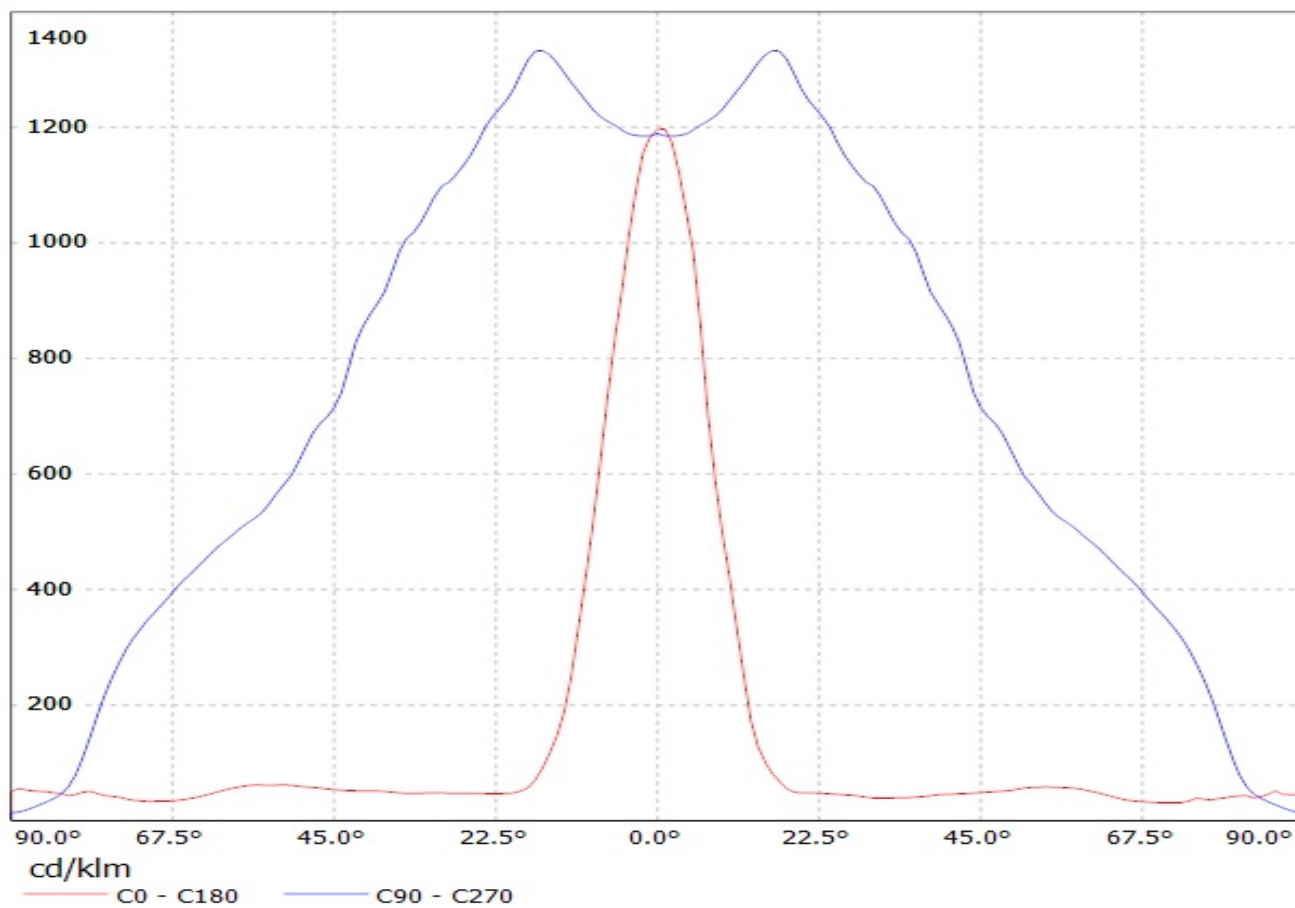
1

1

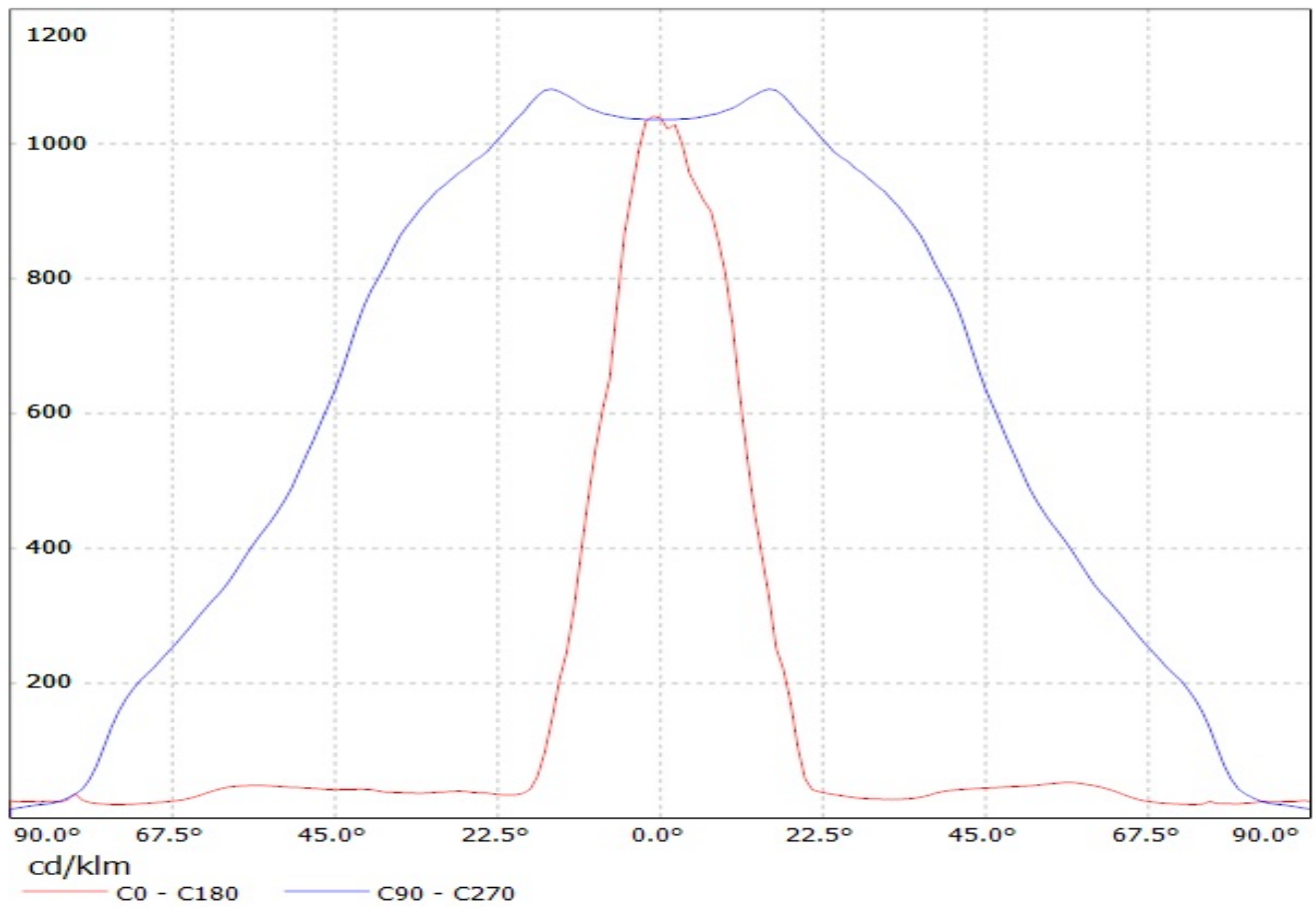
D

A

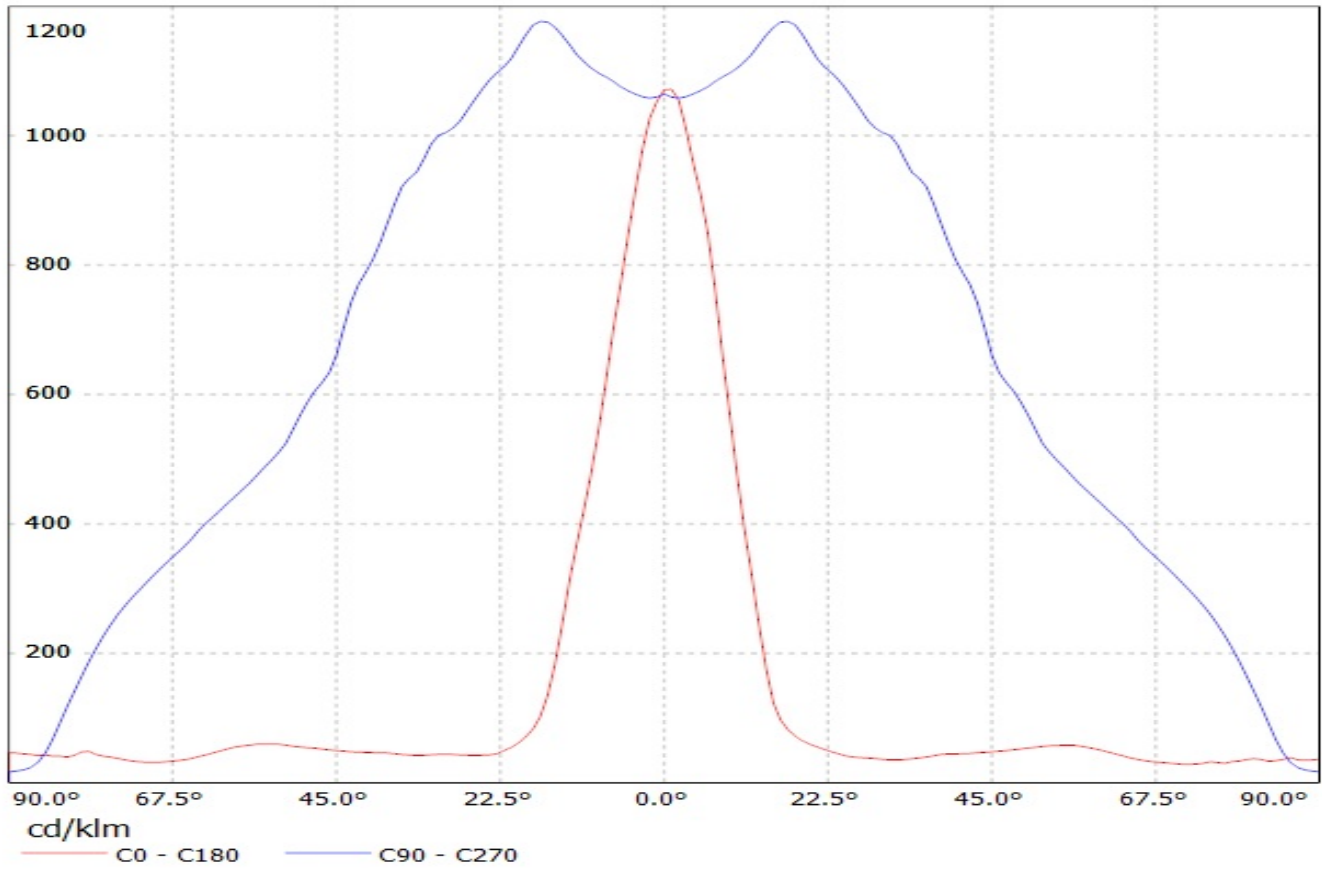
Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (XB-D) Efficiency=95%  
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



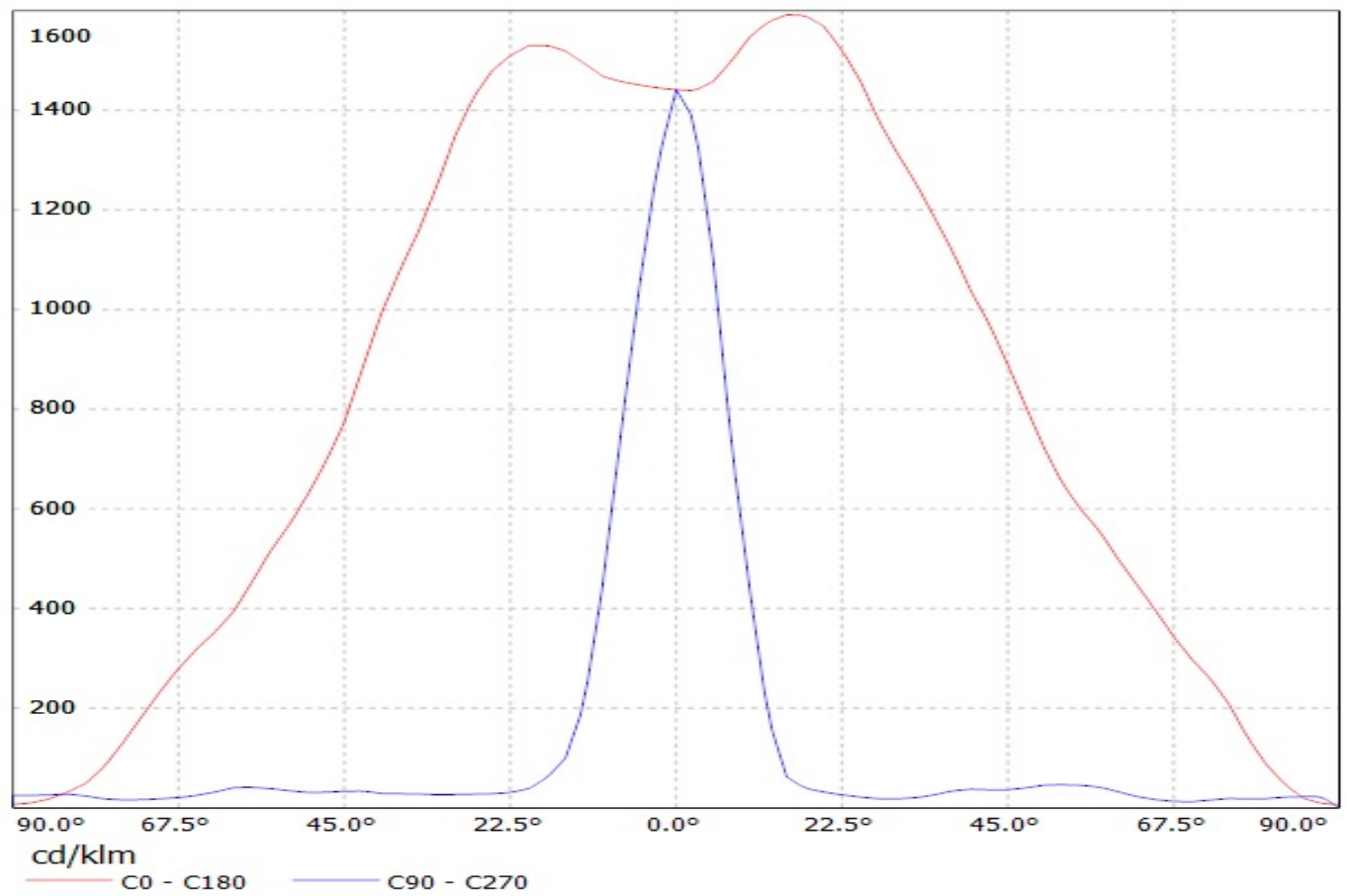
Luminaire: LEDIL OY C12763 & C12837 FLARE-MINI-A (XP-G) Efficiency=95%  
Lamps: 1 x Cree XP-G (92lm@250mA)



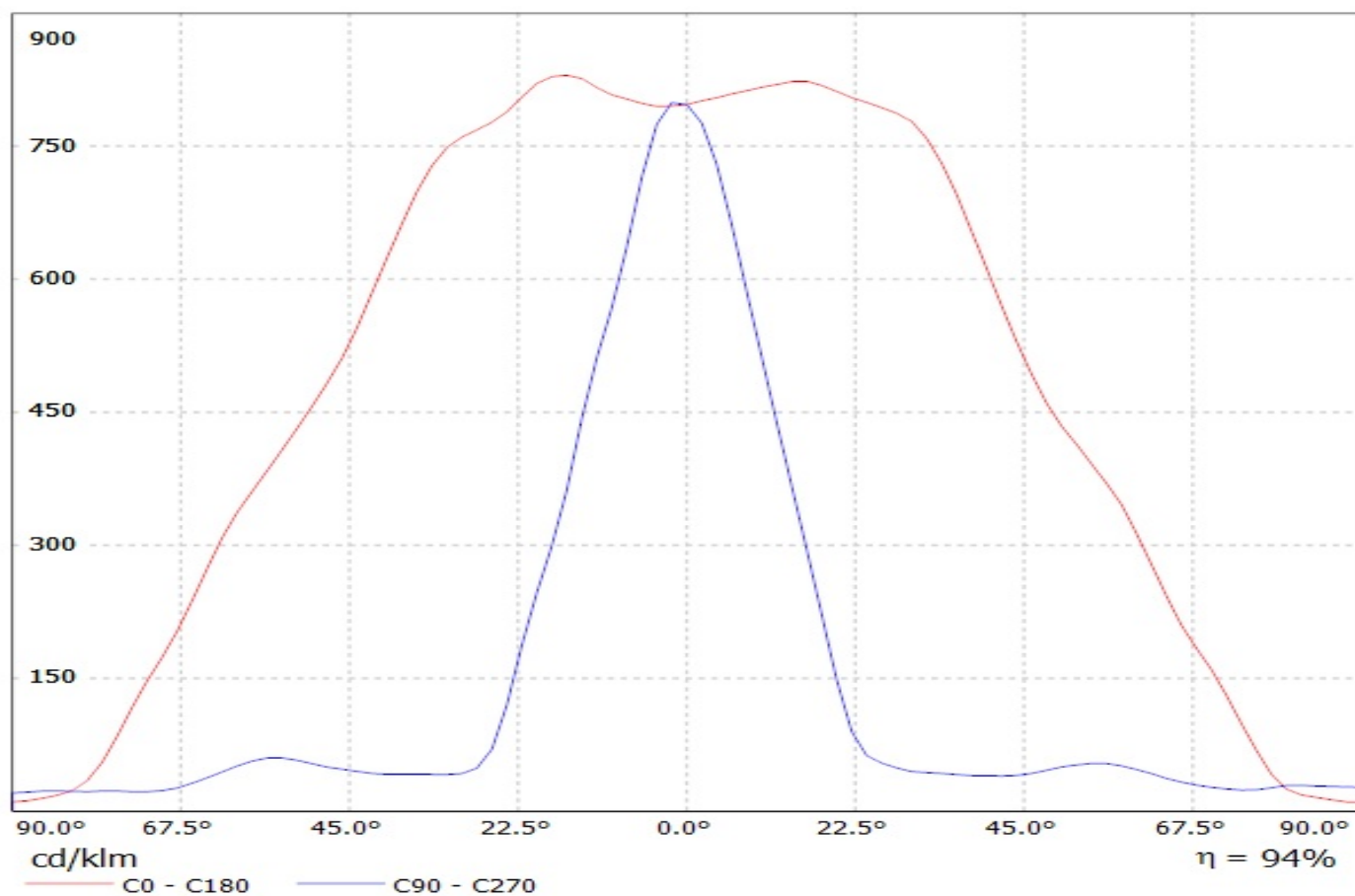
Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (XT-E AWT) Efficiency=94%  
Lamps: 1 x Cree XT-E AWT (108lm@250mA)



Luminaire: Ledil Oy C12763\_FLARE-MINI-A (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%  
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)

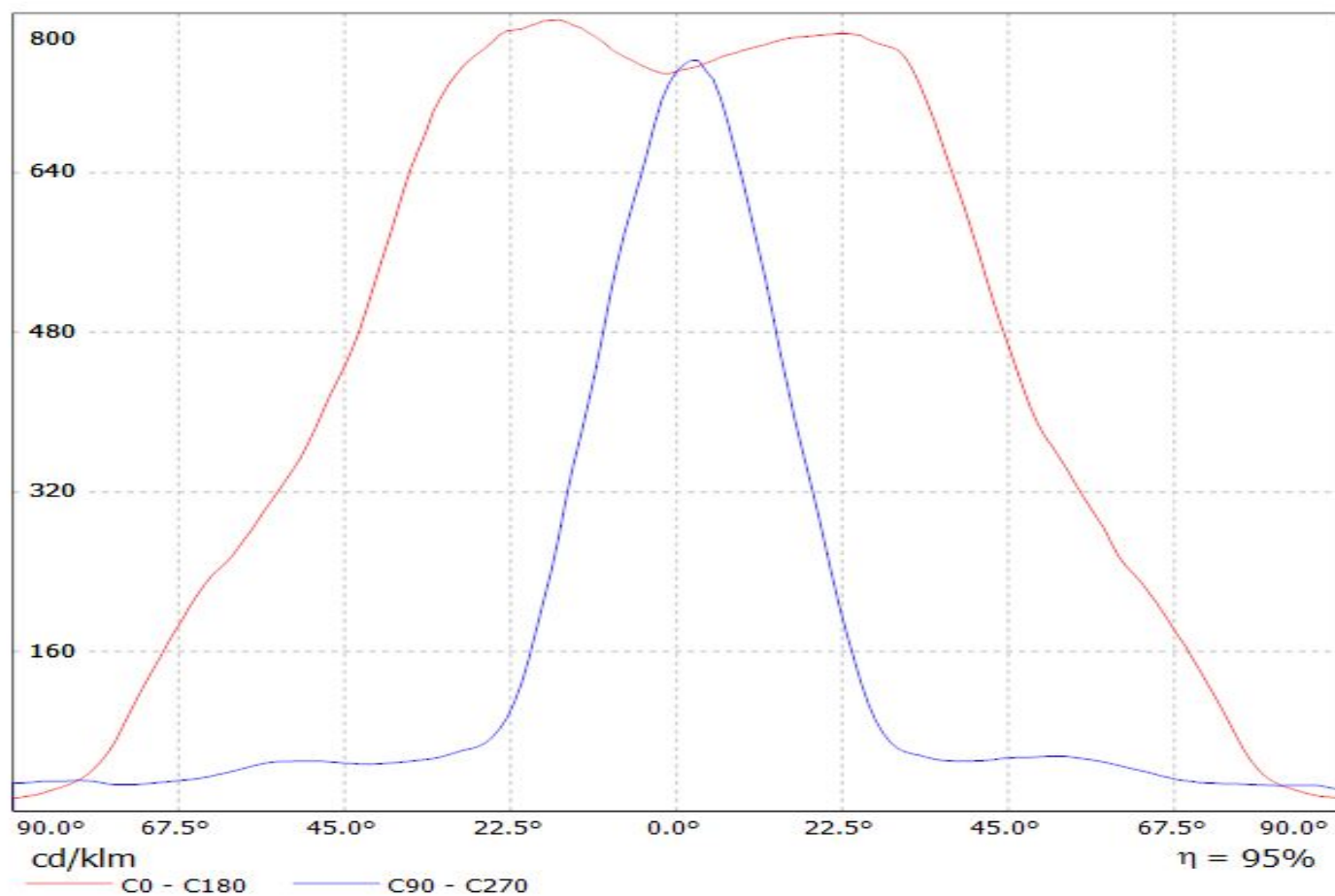


Luminaire: LEDil Oy C12763\_FLARE-MINI-A\_(XP-L)  
Lamps: 1 x Cree XP-L (125 lm @ 250mA) P=0.7W I=250mA



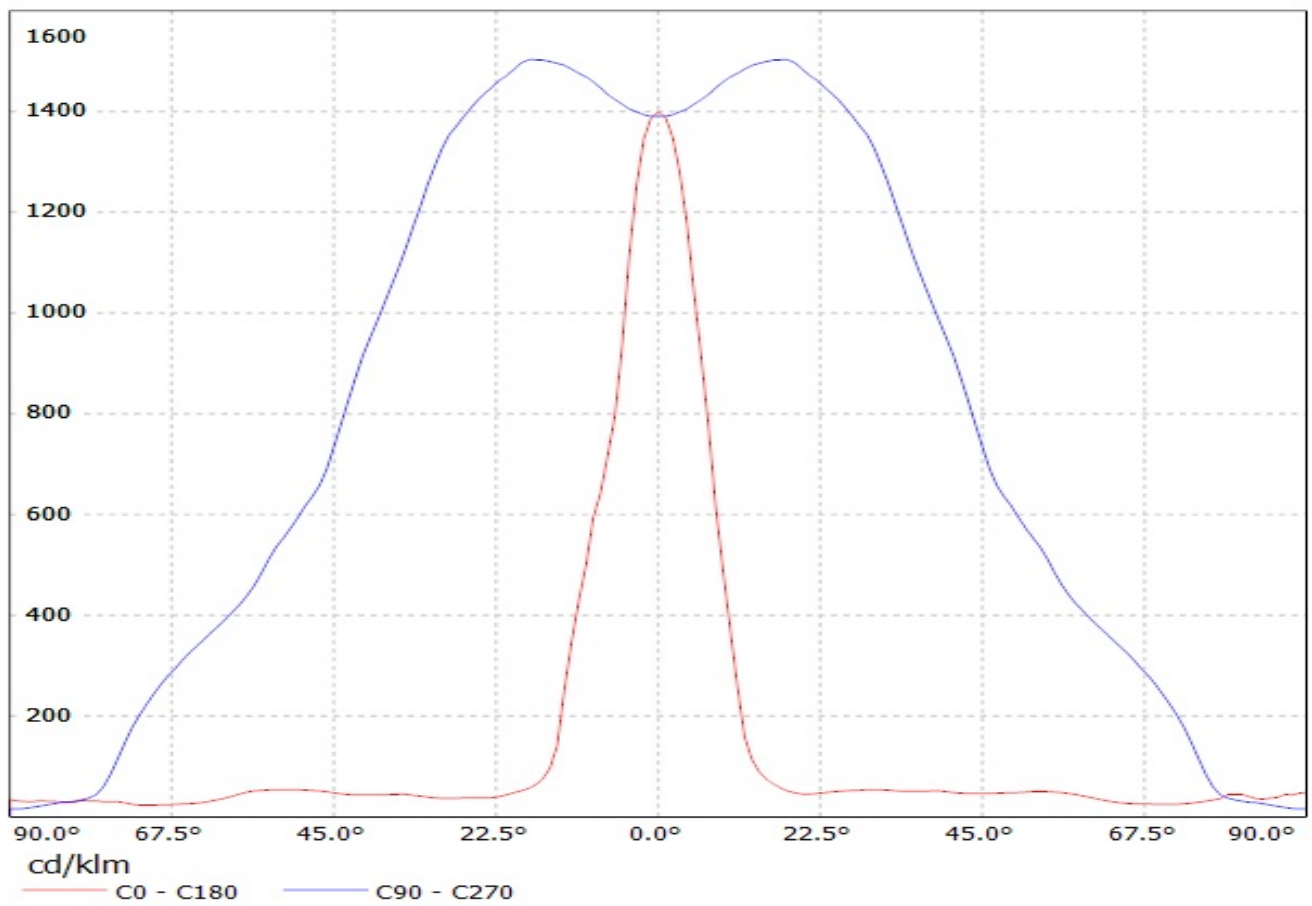
Luminaire: Ledil C12763\_FLARE-MINI-A\_(XP-L2)

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



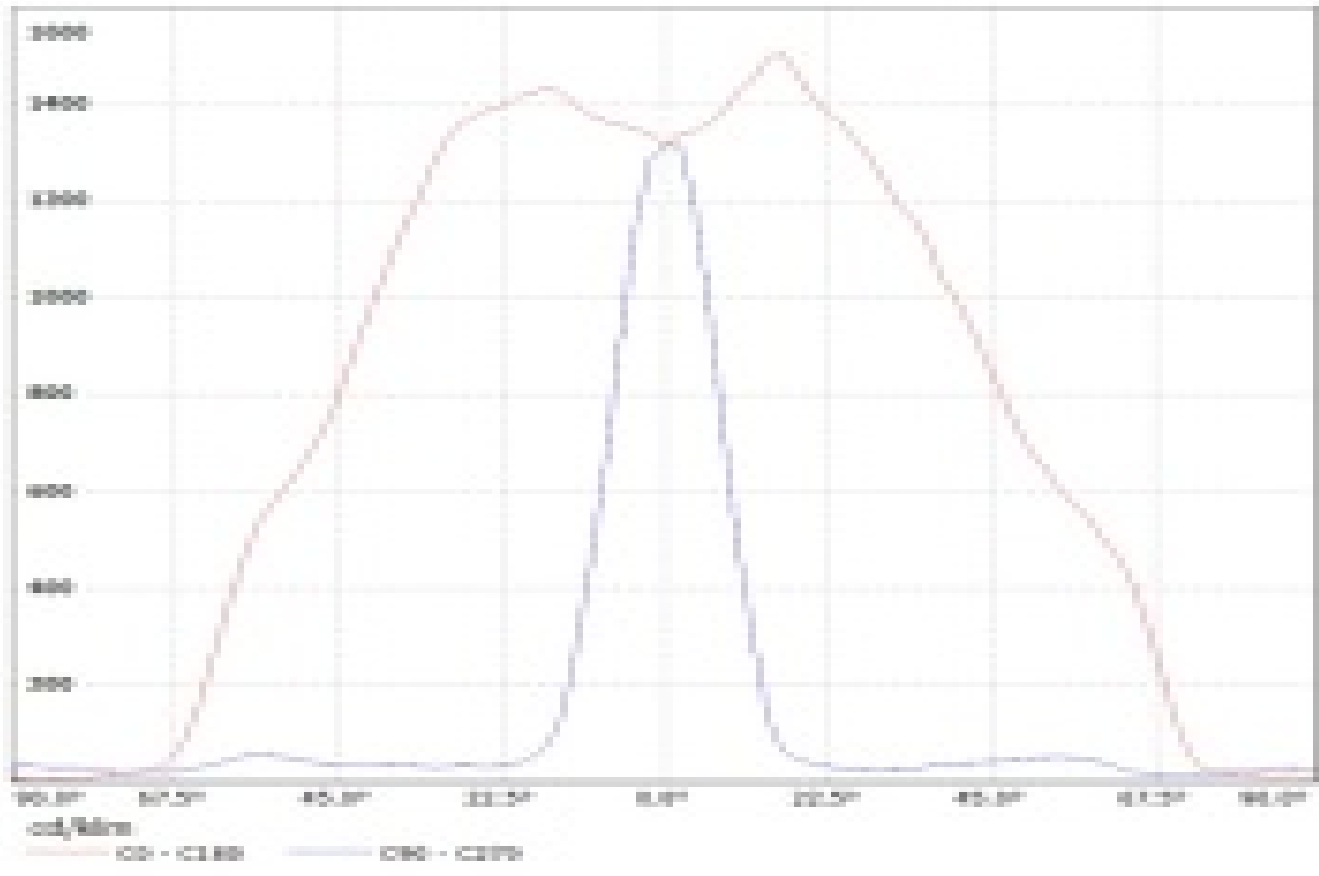


Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (NCS19) Efficiency=95%  
Lamps: 1 x Nichia NCS19 (95lm@250mA)

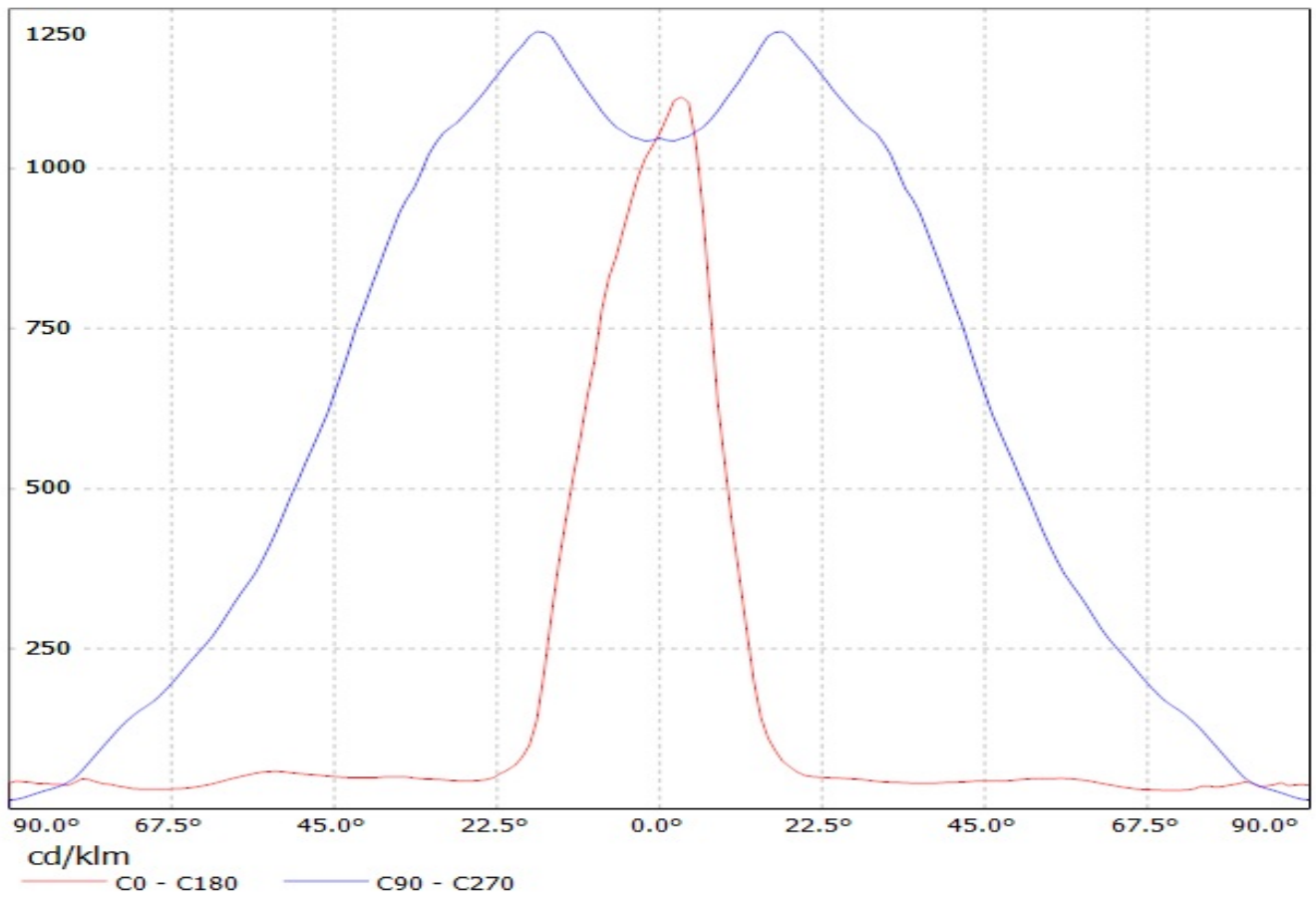


Luminaire: Ledli-Cy-CARDISS\_Plane-Mini-A-Plus\_2x120x150 (Efficiency=100%)

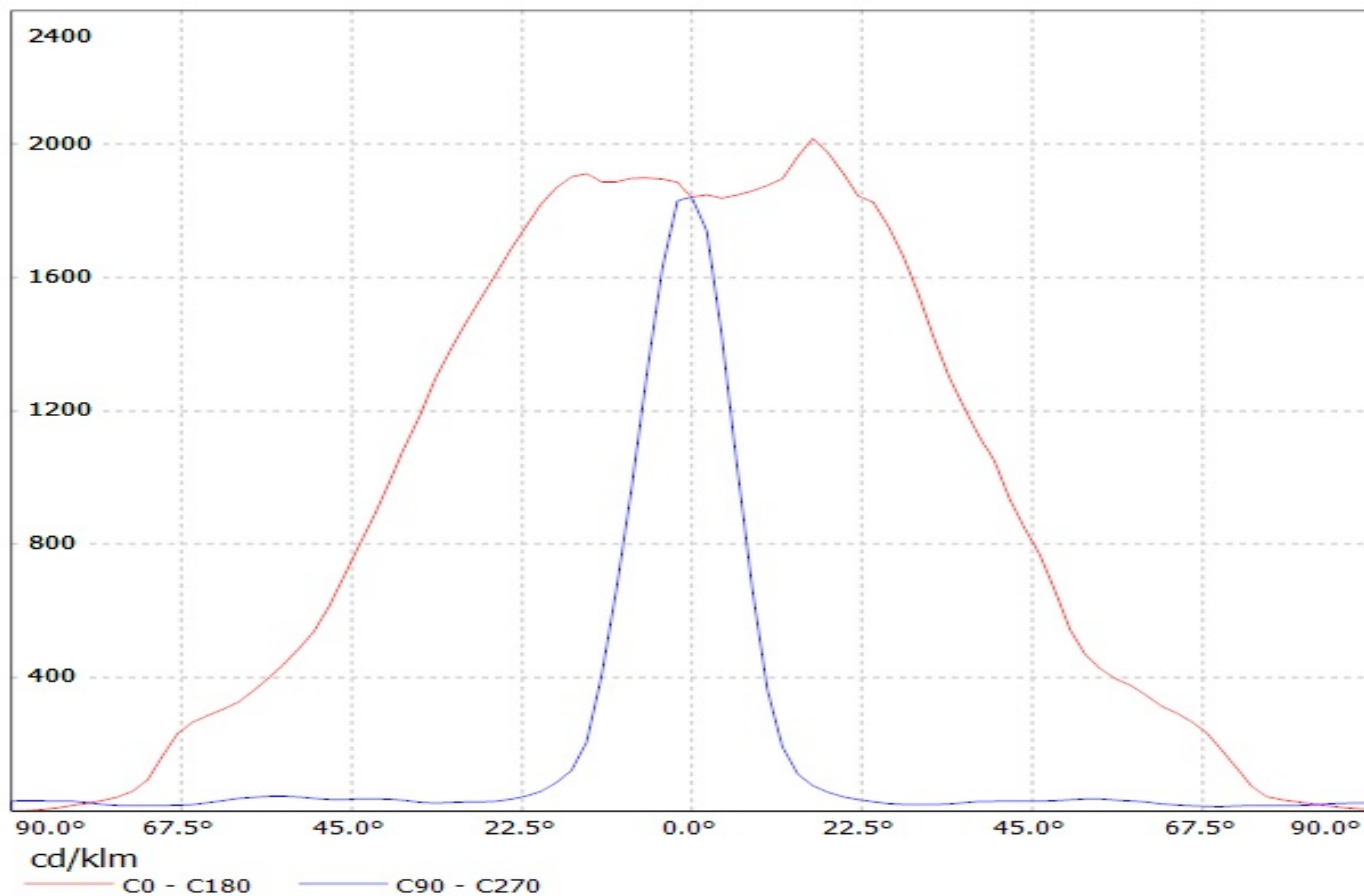
Lamp: 1 x Nichia NSC2000T50 (Wavelength=460nm @ 200mA-DCT=3000K) P=0.8W @ I=200mA



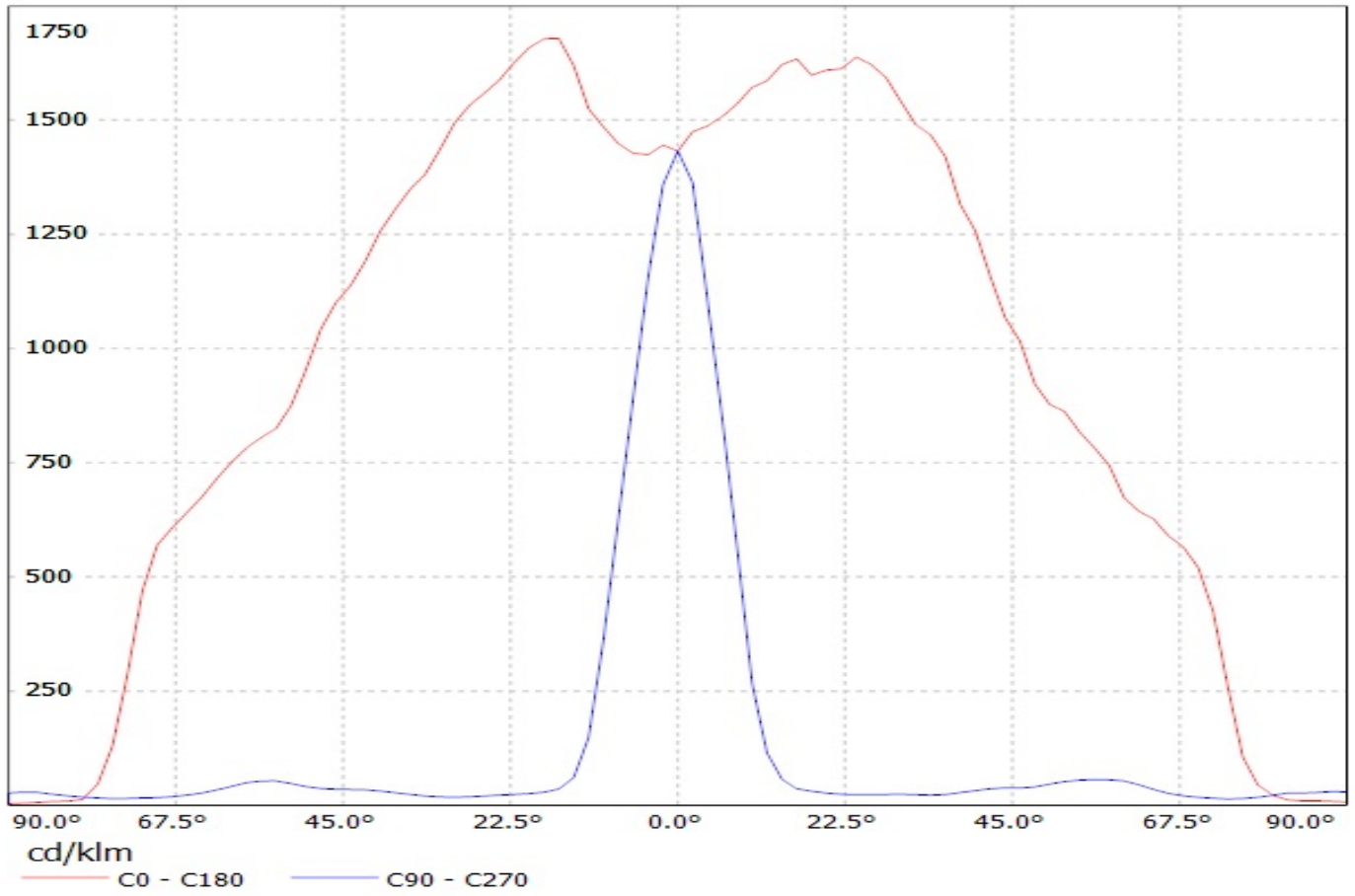
Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (SQ EC) Efficiency=94%  
Lamps: 1 x Osram Oslon Square EC (69lm@250mA)



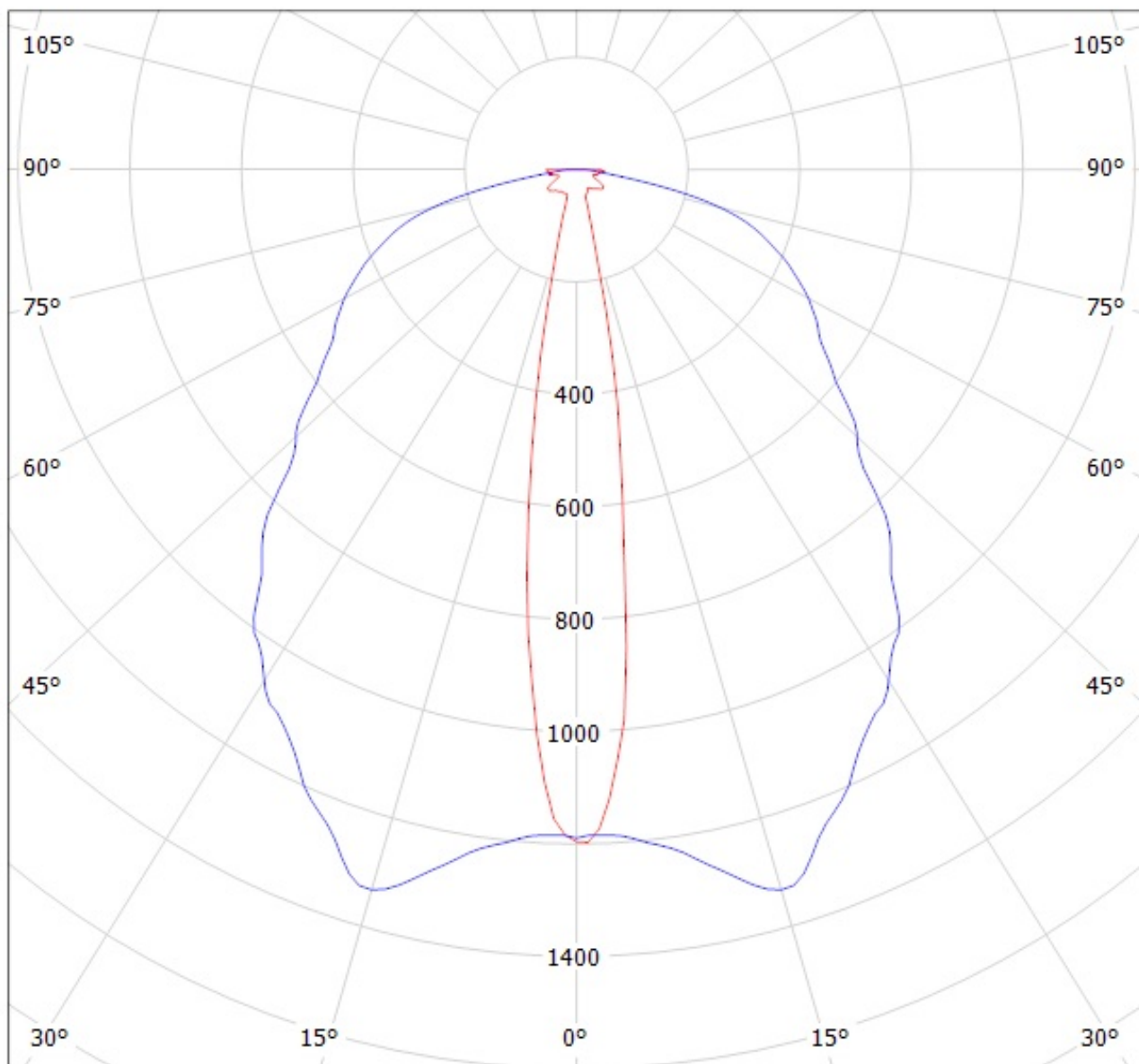
Luminaire: Ledil Oy C12763/C12837\_FLARE-MINI-A (Osram OSL80 84lm @ 250mA) Efficiency=93%  
Lamps: 1 x Osram OSL80 84lm @ 250mA



Luminaire: Ledil Oy C12763/C12837\_FLARE-MINI-A (Osram OSL150 95lm @ 250mA) Efficiency=93%  
Lamps: 1 x Osram OSL150 95lm @ 250mA



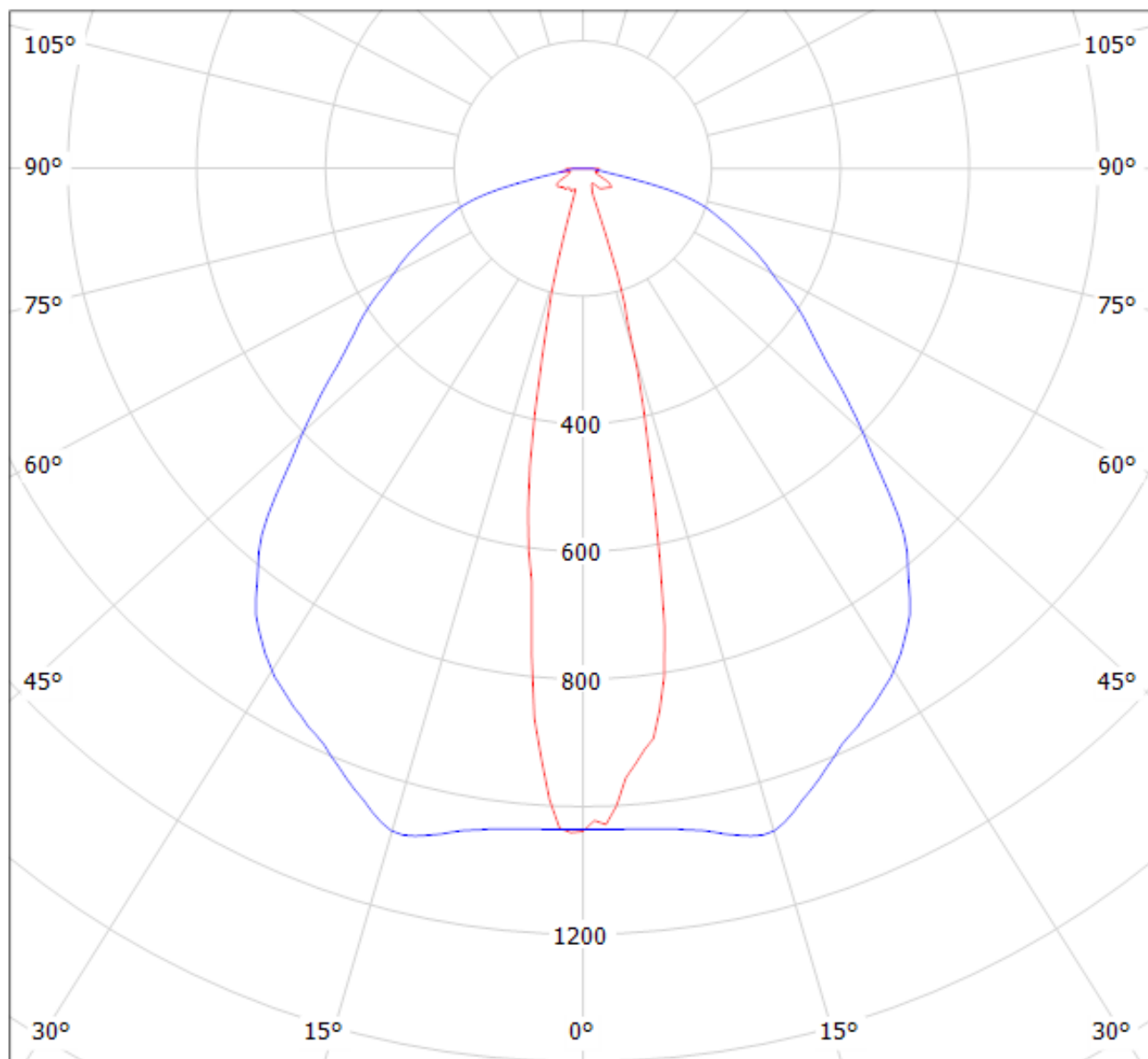
Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (XB-D) Efficiency=95%  
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



cd/klm

— C0 - C180    — C90 - C270

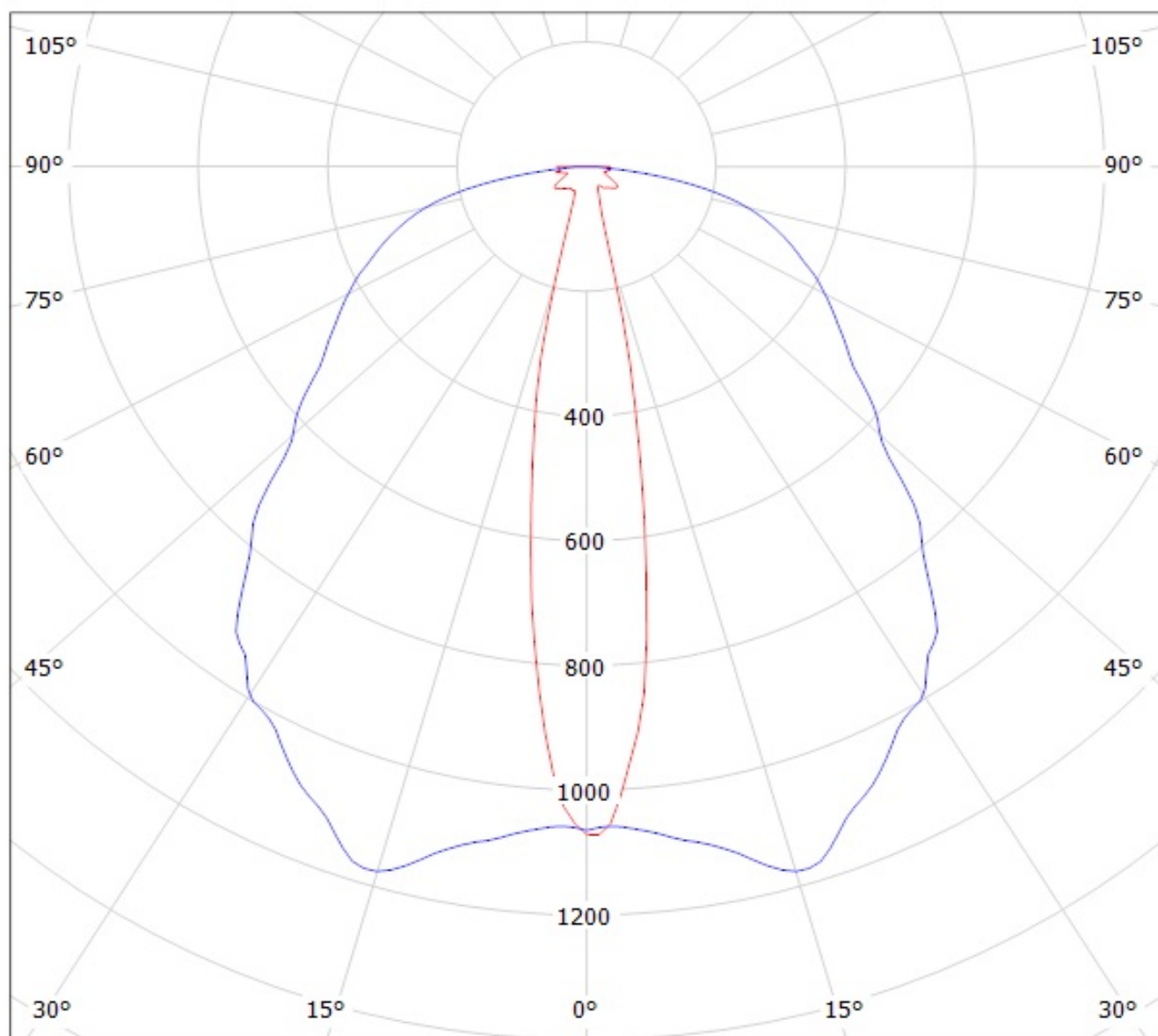
Luminaire: LEDIL OY C12763 & C12837 FLARE-MINI-A (XP-G) Efficiency=95%  
Lamps: 1 x Cree XP-G (92lm@250mA)



cd/klm

— C0 - C180    — C90 - C270

Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (XT-E AWT) Efficiency=94%  
Lamps: 1 x Cree XT-E AWT (108lm@250mA)



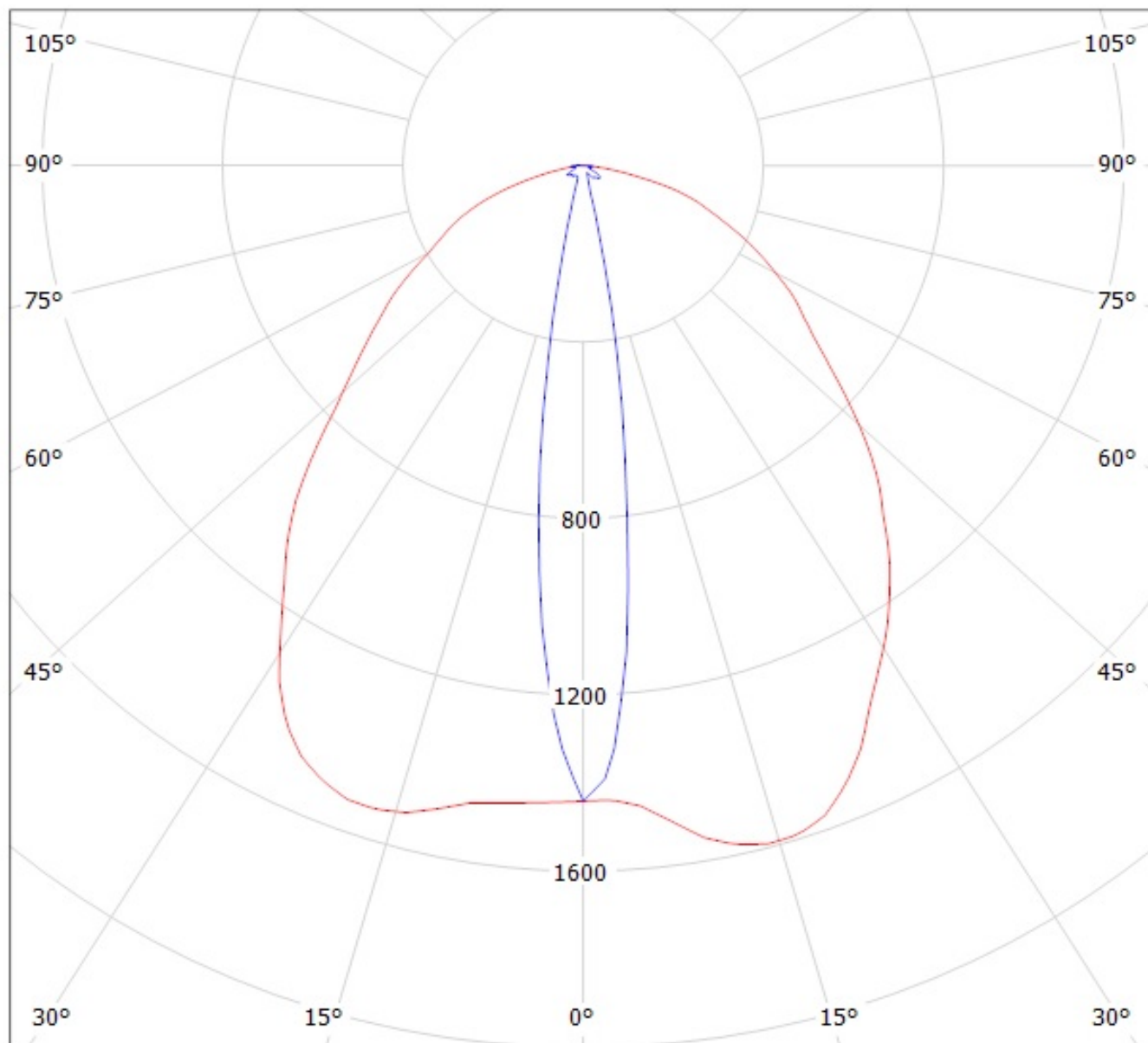
cd/klm

— C0 - C180

— C90 - C270



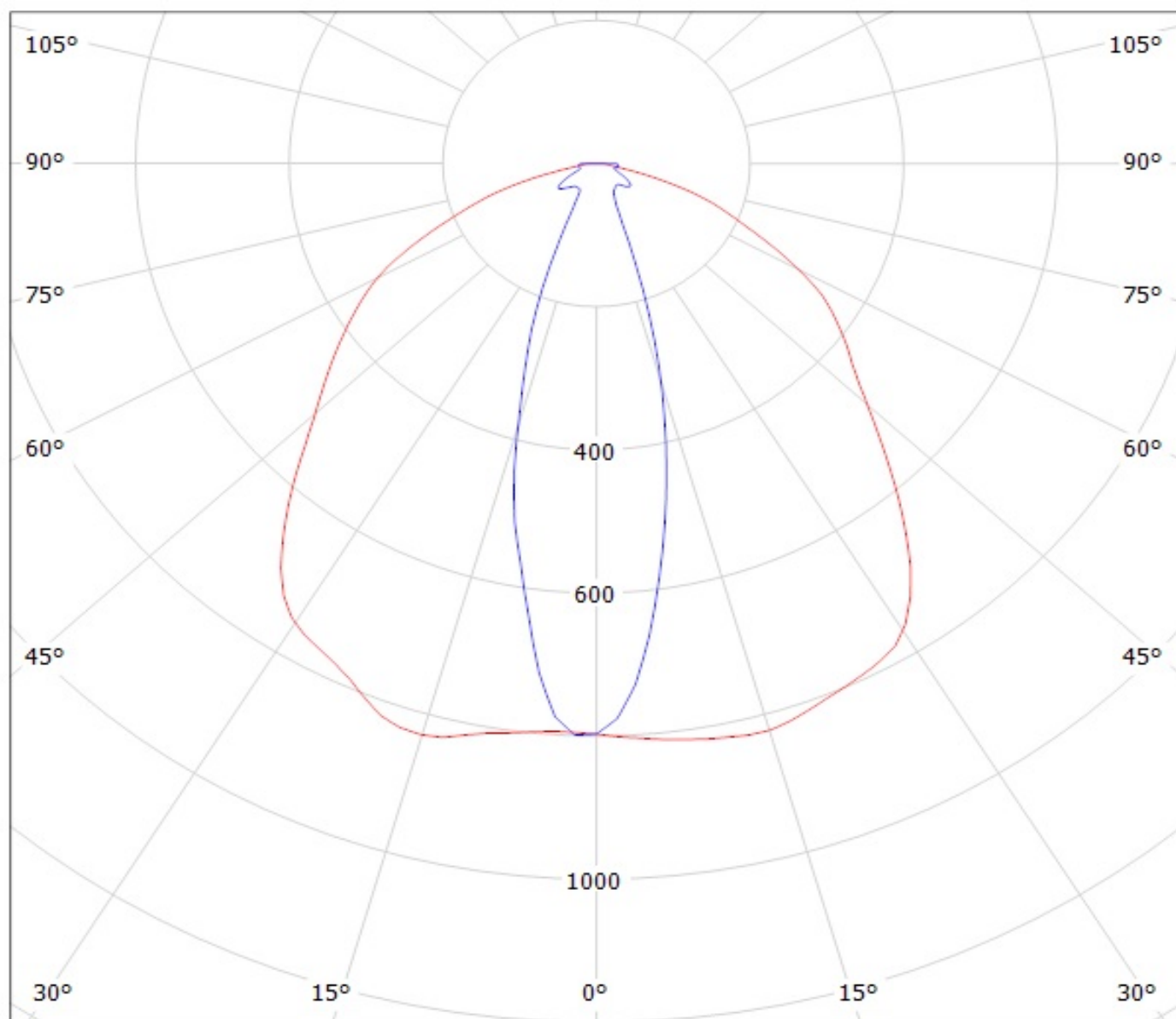
Luminaire: Ledil Oy C12763\_FLARE-MINI-A (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%  
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



cd/klm

— C0 - C180    — C90 - C270

Luminaire: LEDil Oy C12763\_FLARE-MINI-A\_(XP-L)  
Lamps: 1 x Cree XP-L (125 lm @ 250mA) P=0.7W I=250mA



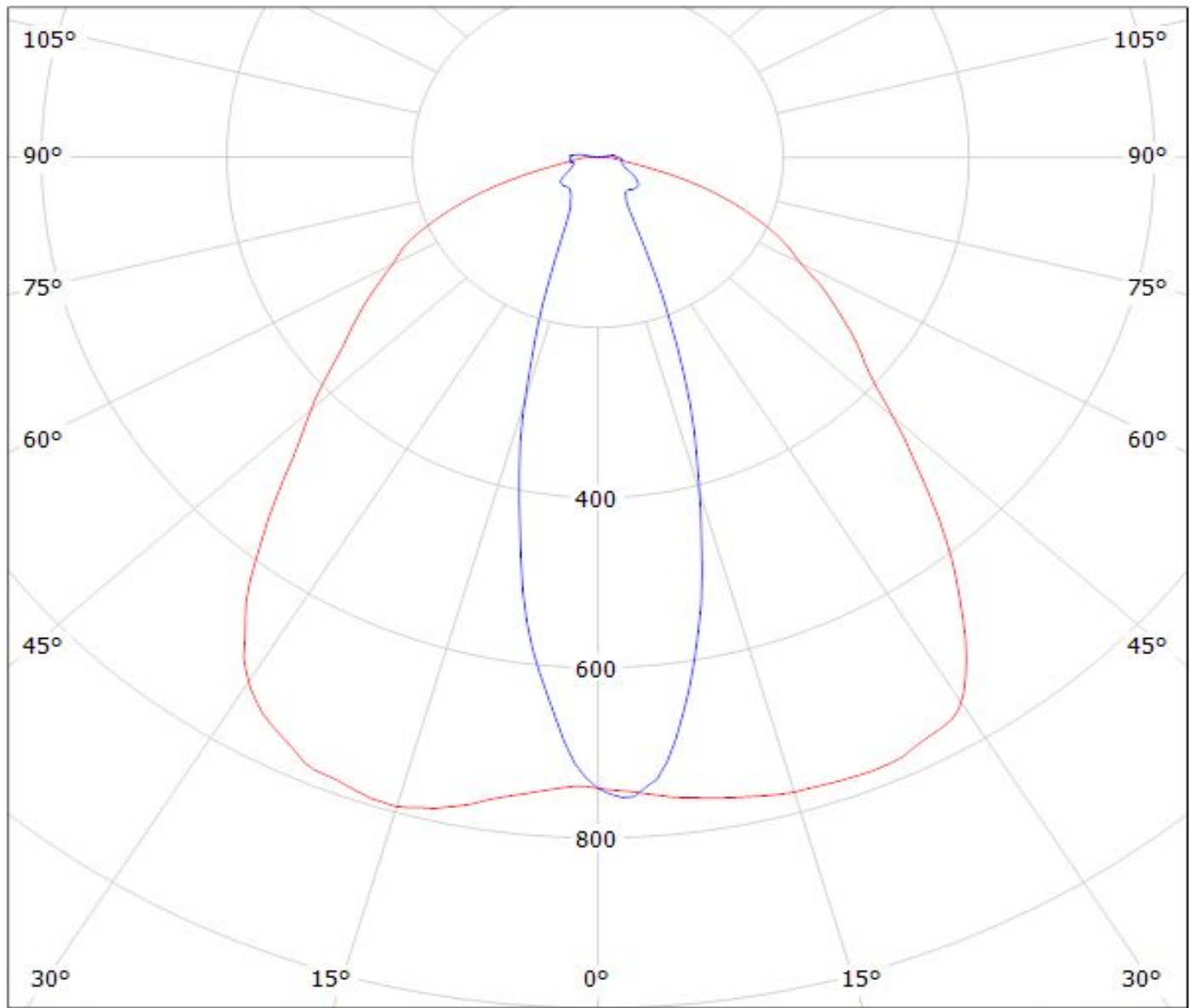
cd/klm

— C0 - C180 — C90 - C270

η = 94%

Luminaire: Ledil C12763\_FLARE-MINI-A\_(XP-L2)

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

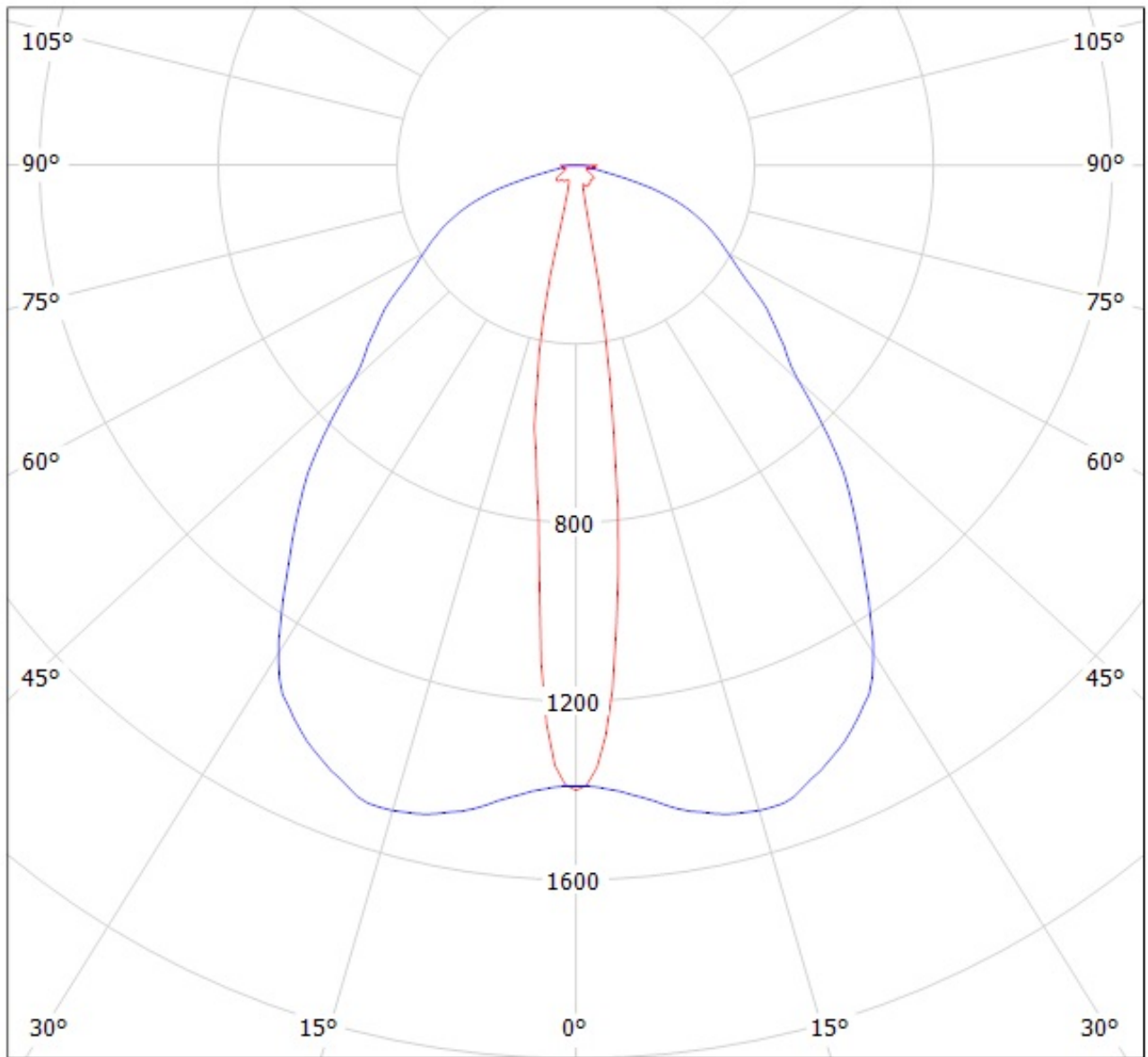


cd/klm

— C0 - C180    — C90 - C270

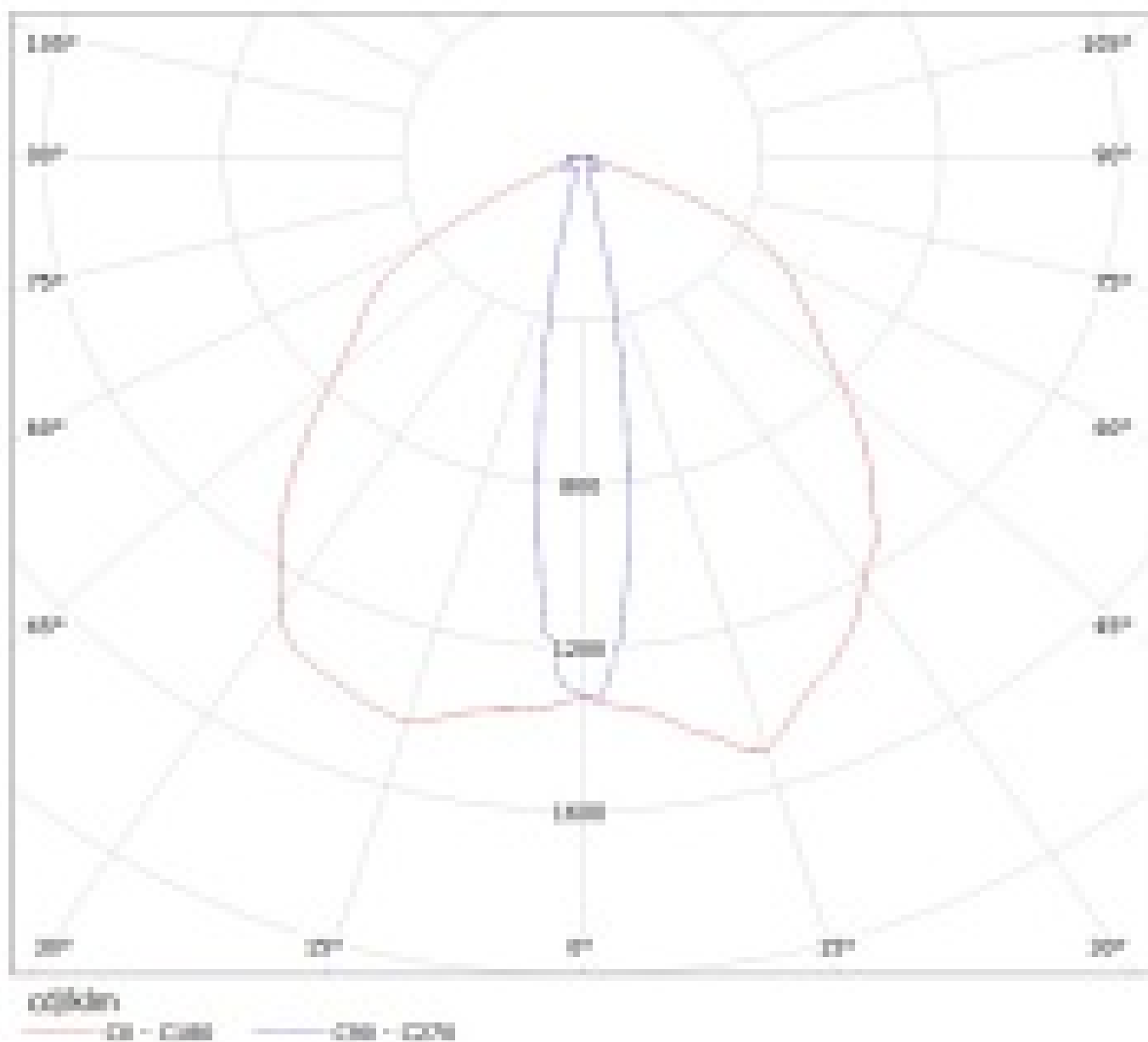
$\eta = 95\%$

Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (NCS19) Efficiency=95%  
Lamps: 1 x Nichia NCS19 (95lm@250mA)

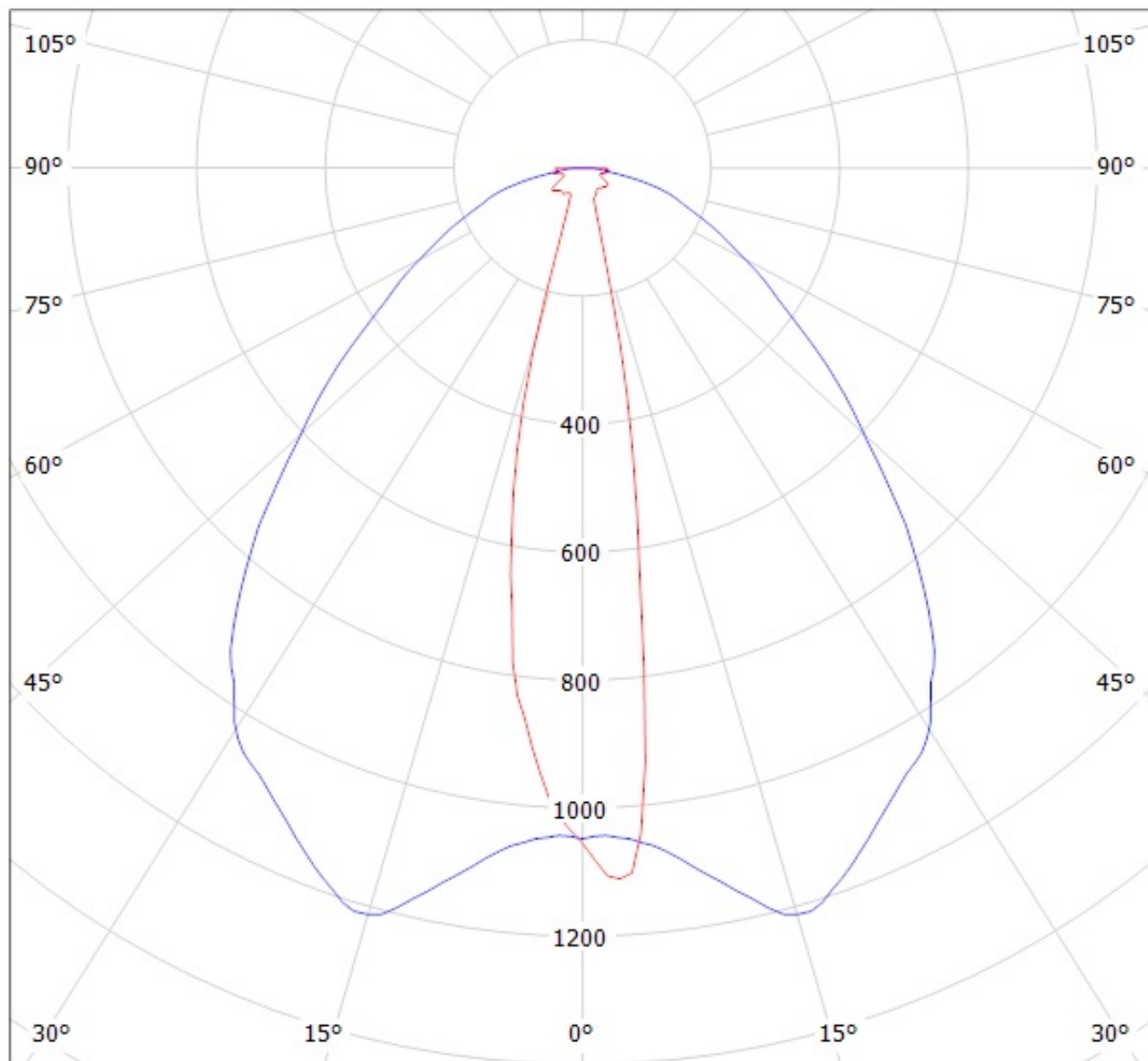


cd/klm  
— C0 - C180    — C90 - C270

Luminaire: Ledli Qy C40000 (Fluor-Mini-A-Pol) (Aktiviteti) Efficiency:14%  
Lamp: 1 x Nichia NSD-Ser-185 (R05L1100E) 50mm Ø 250mA CCT=5000K P=0.84W=250mA



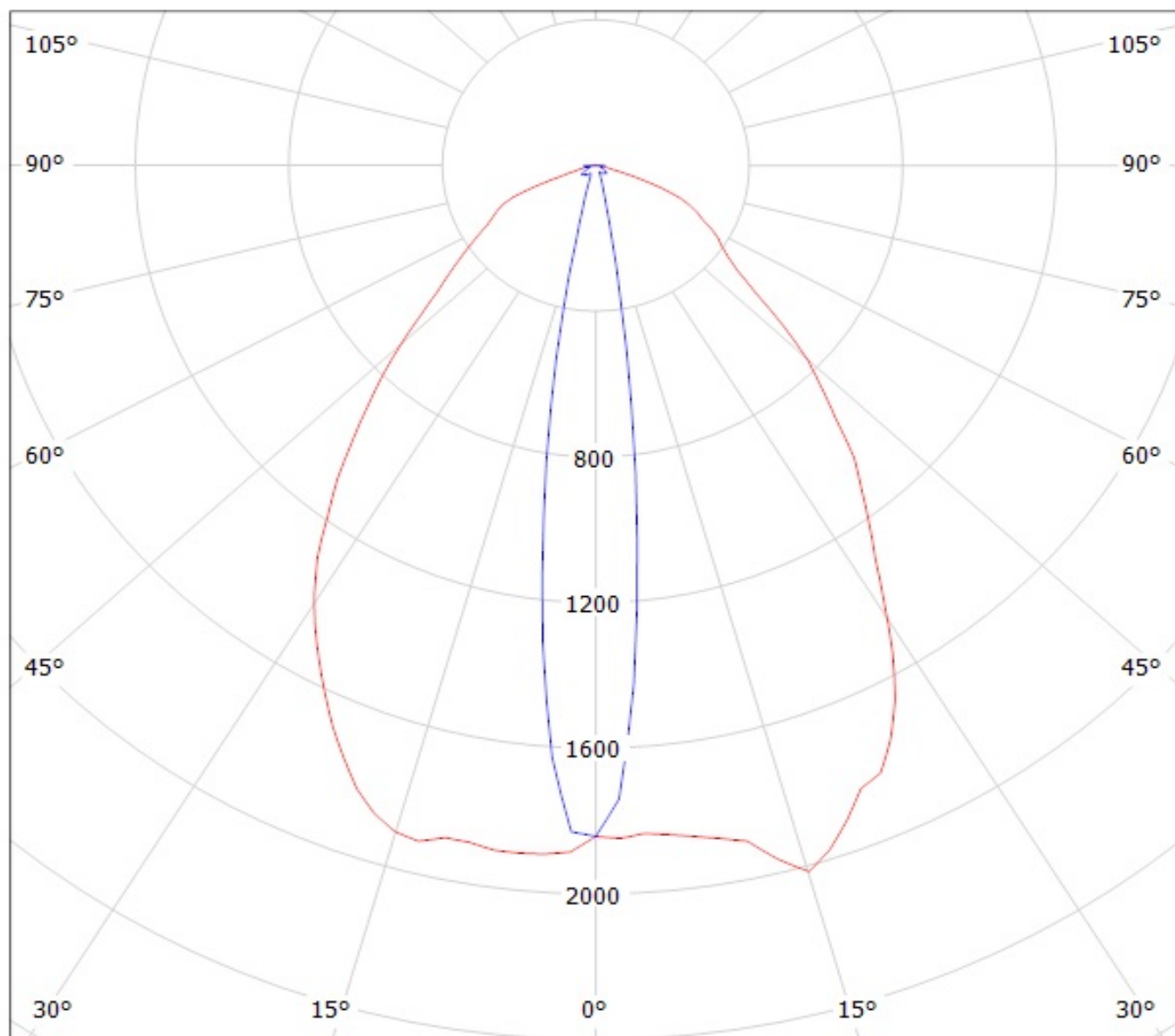
Luminaire: LEDIL OY C12763 & C12837\_FLARE-MINI-A (SQ EC) Efficiency=94%  
Lamps: 1 x Osram Oslon Square EC (69lm@250mA)



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

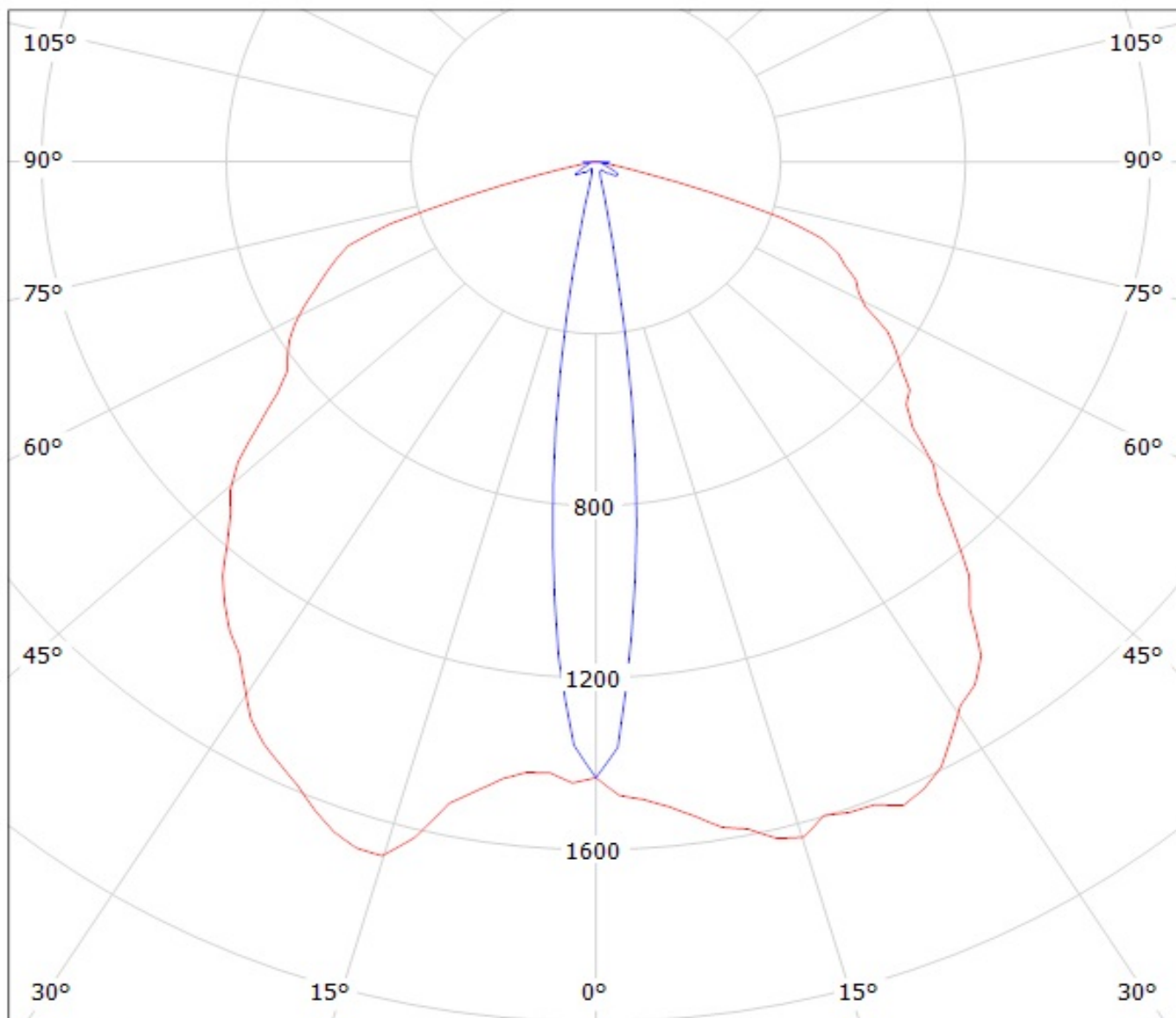


cd/klm

— 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.**