

## DETAILS

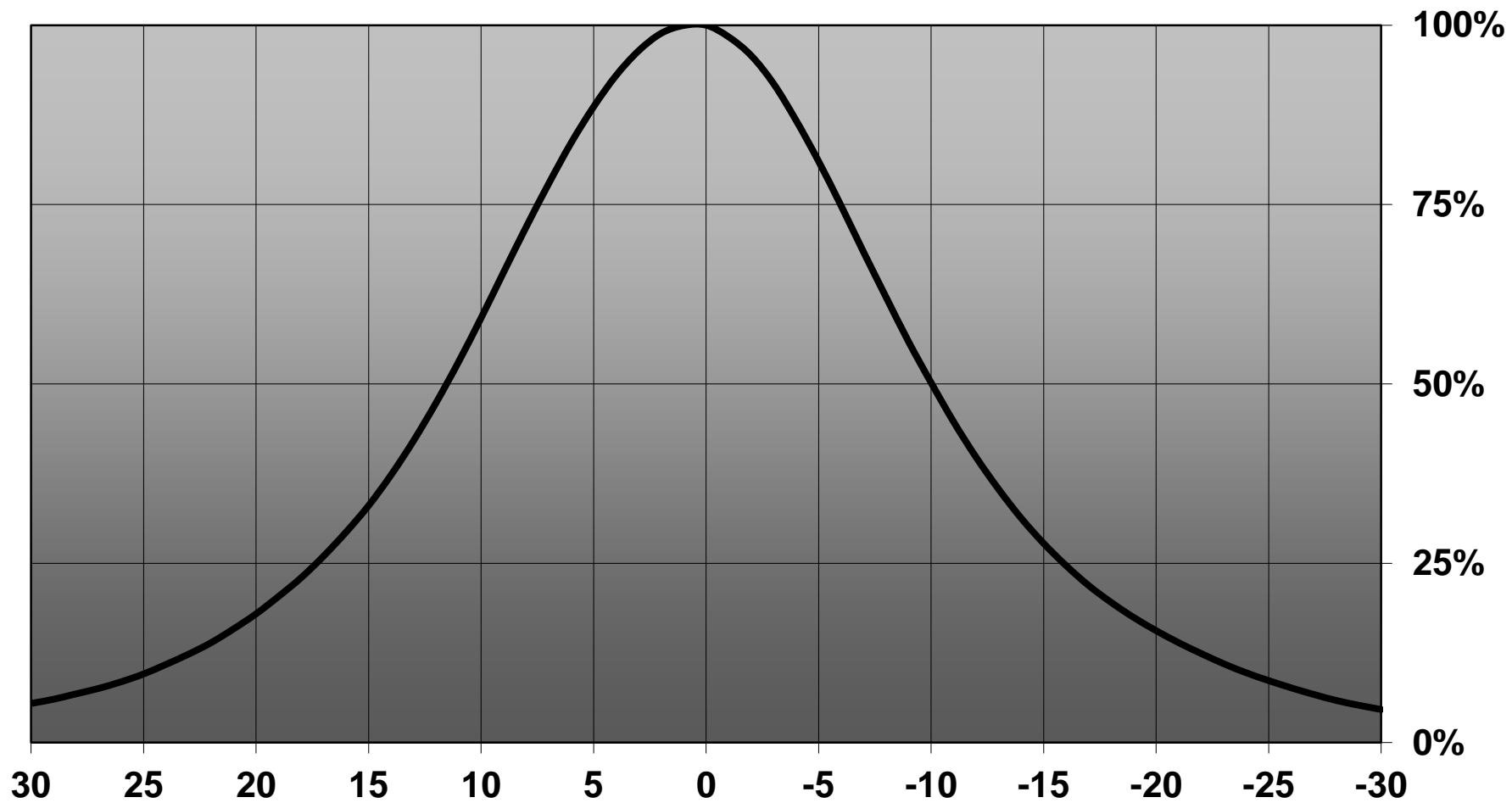
<b>Product Number</b>	CP12940_LARISA-M-CLIP8
<b>Family</b>	Larisa
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	9,9 + 9,9 mm
<b>Height</b>	7,5 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	clips
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	9/12/2016



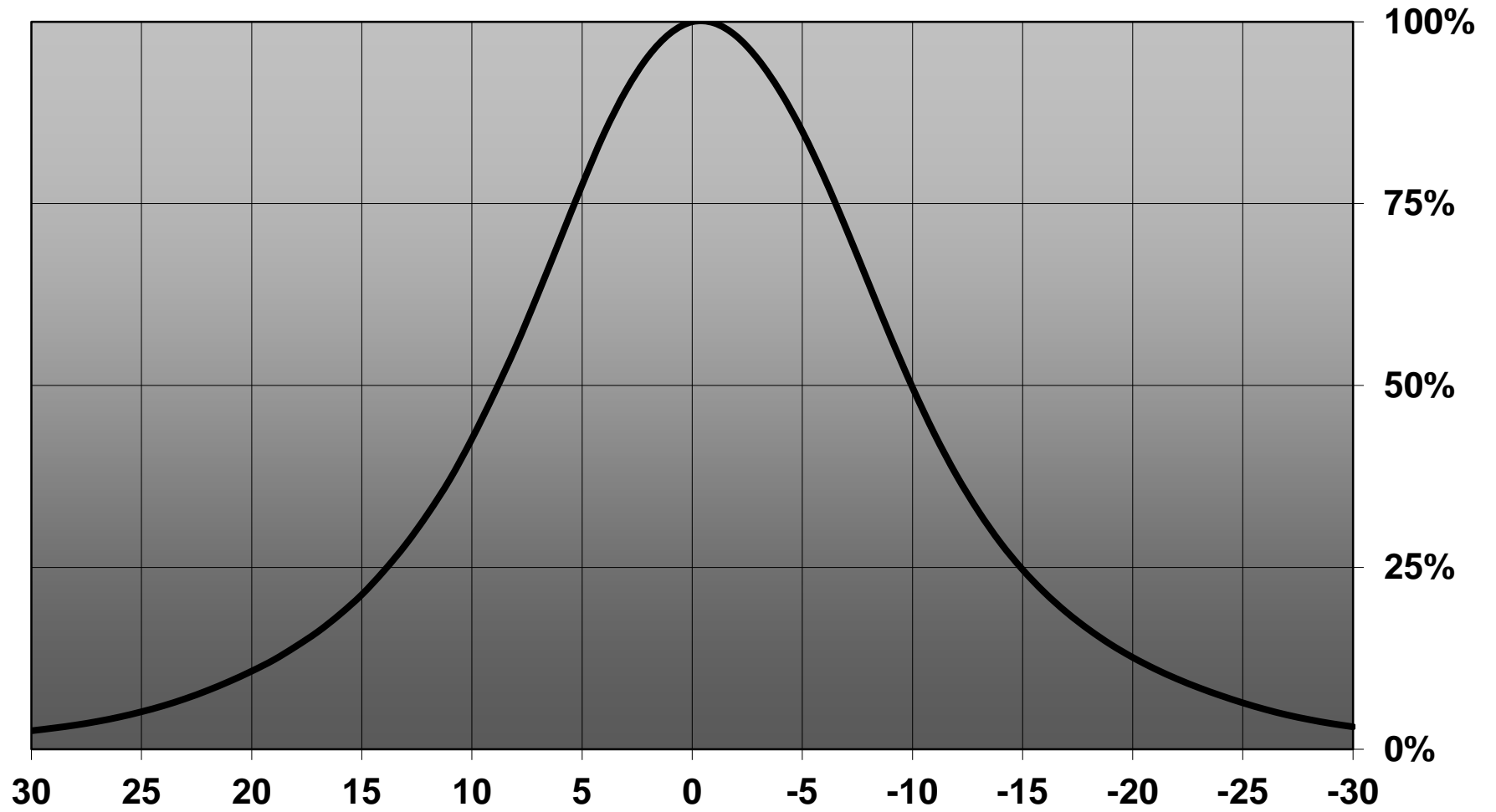
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-G	36 deg	Medium	88 %	1.900	-
XB-D	30 deg	Medium	87 %	2.300	-
XQ-E	25 deg	Medium	86 %	3.000	-
XQ-E HI	22 deg	Medium	78 %	3.600	-
H35C0 (LEMWA33)	37 deg	Medium	87 %	1.840	-
H35B0 (LEMWA32)	31 deg	Medium	89 %	2.400	-
LUXEON A	37 deg	Medium	86 %	1.700	-
LUXEON Rebel ES	35 deg	Medium	87 %	1.900	-
LUXEON Rebel	26 deg	Medium	88 %	3.000	-
LUXEON Z	19 deg	Medium	84 %	5.000	-
LUXEON Z ES	24 deg	Medium	88 %	3.300	-
NVSxx19A	34 deg	Medium	84 %	1.900	-
NCSxx19A	27 deg	Medium	84 %	2.500	-
NF2x757A	31 deg	Medium	84 %	2.140	-
NF2x757G	34 deg	Medium	80 %	1.550	-
Oslon Square EC	31 deg	Medium	83 %	2.000	-
Oslon SSL 150	30 deg	Medium	88 %	2.600	-
Duris S5 (2 chip)	34 deg	Medium	80 %	1.900	-
Oslon SSL 80	25 deg	Medium	82 %	2.910	-

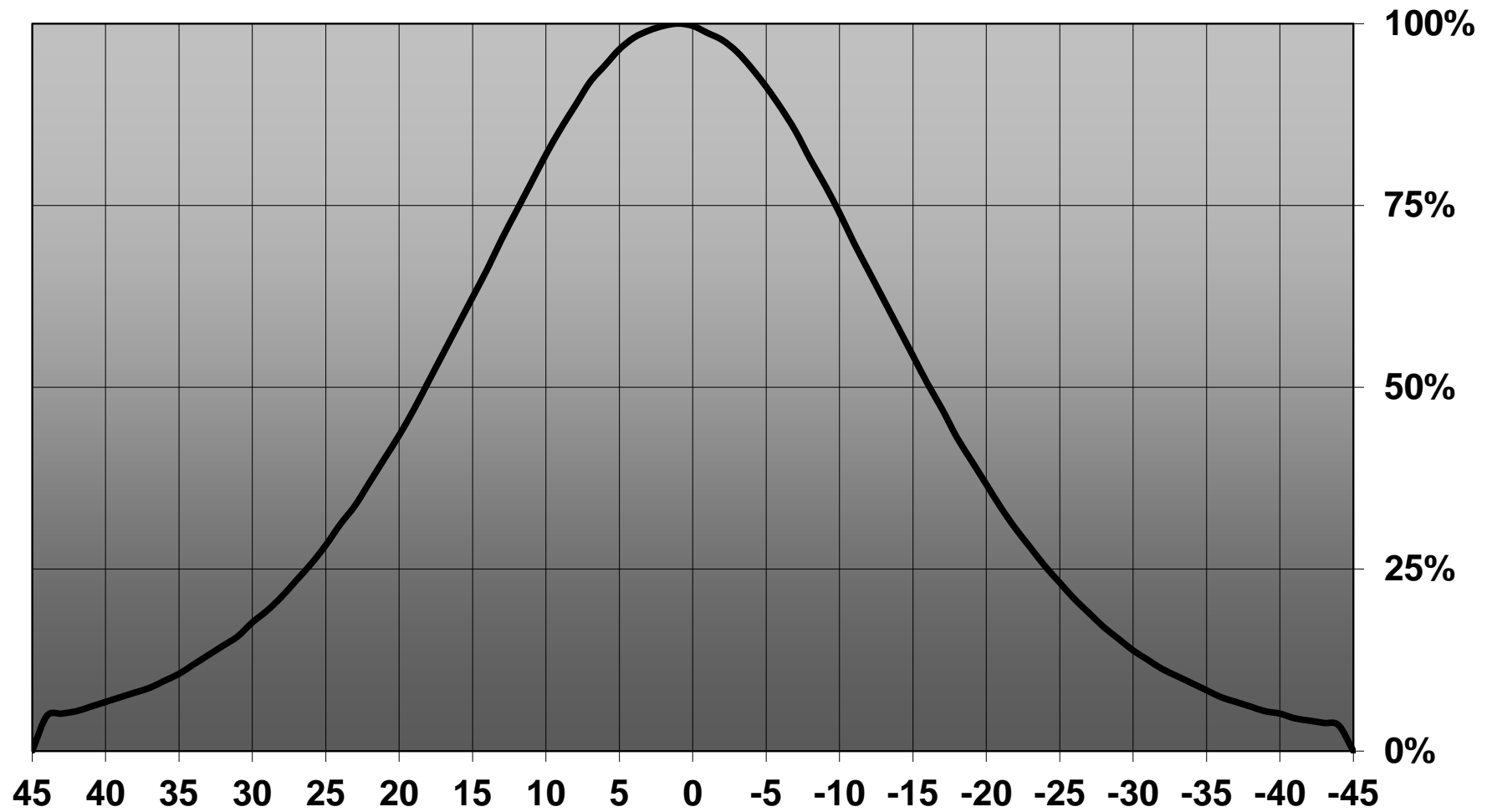
Relative intensity of CP12940\_LARISA-M-CLIP8\_(XQ-E\_HI)



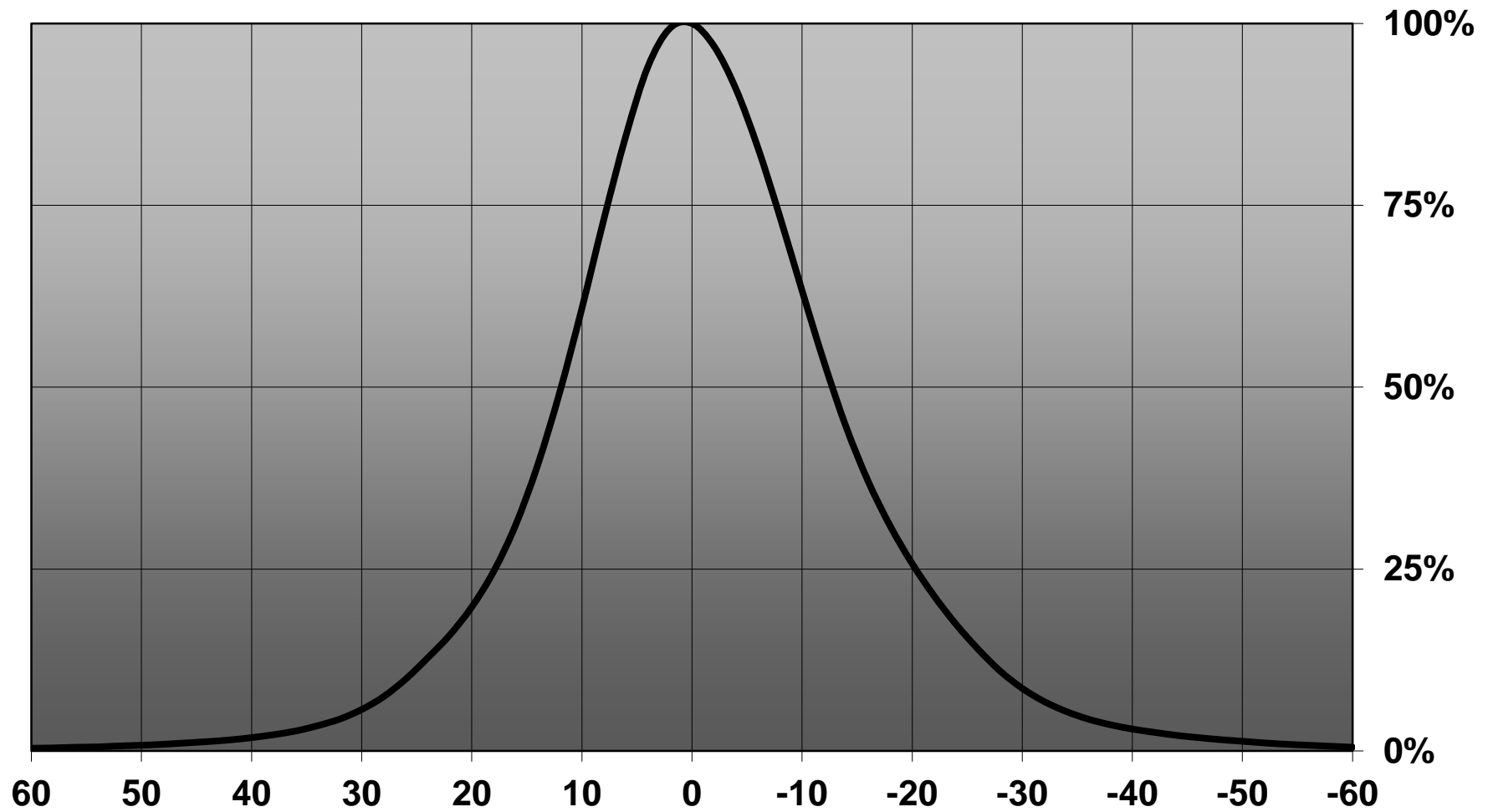
Relative intensity of CP12940\_LARISA-M-CLIP8\_(Luxeon Z)



Relative intensity of CP12940\_LARISA-M-CLIP8\_(NF2757G)



Relative intensity of CP12940\_LARISA-M-CLIP8\_(SSL80)



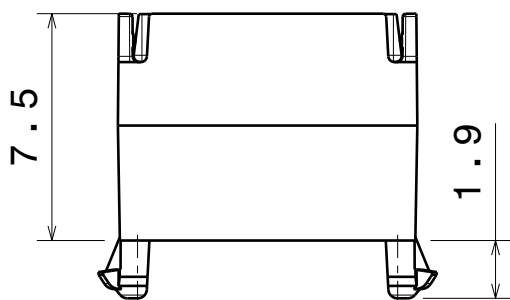
D

C

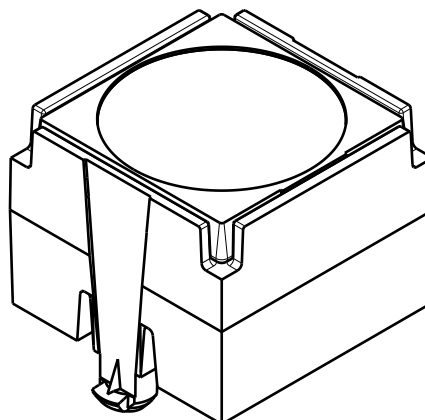
B

A

4

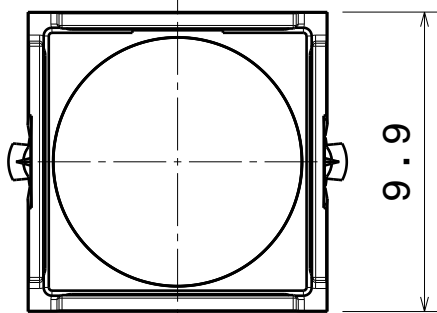


Front view

Isometric view  
Scale: 4:1

3

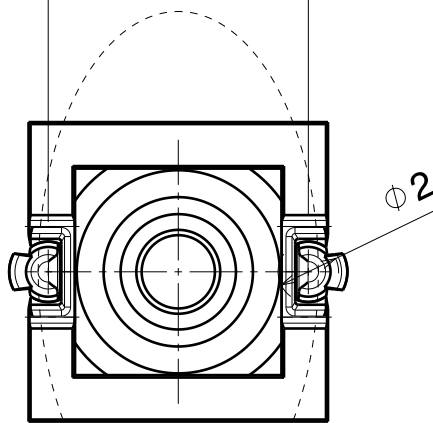
9.9



Top view

8.6

c / c



Bottom view

Oval beam direction

2

2

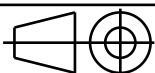
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LARISA lens	PMMA	
2	C12907	LARISA-HOLDER-CLIP8	PC	black

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

LARISA-CLIP8

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

SIZE PART NUMBER

A4

-

SCALE

4:1

WEIGHT

0,6 g

SHEET

1/1

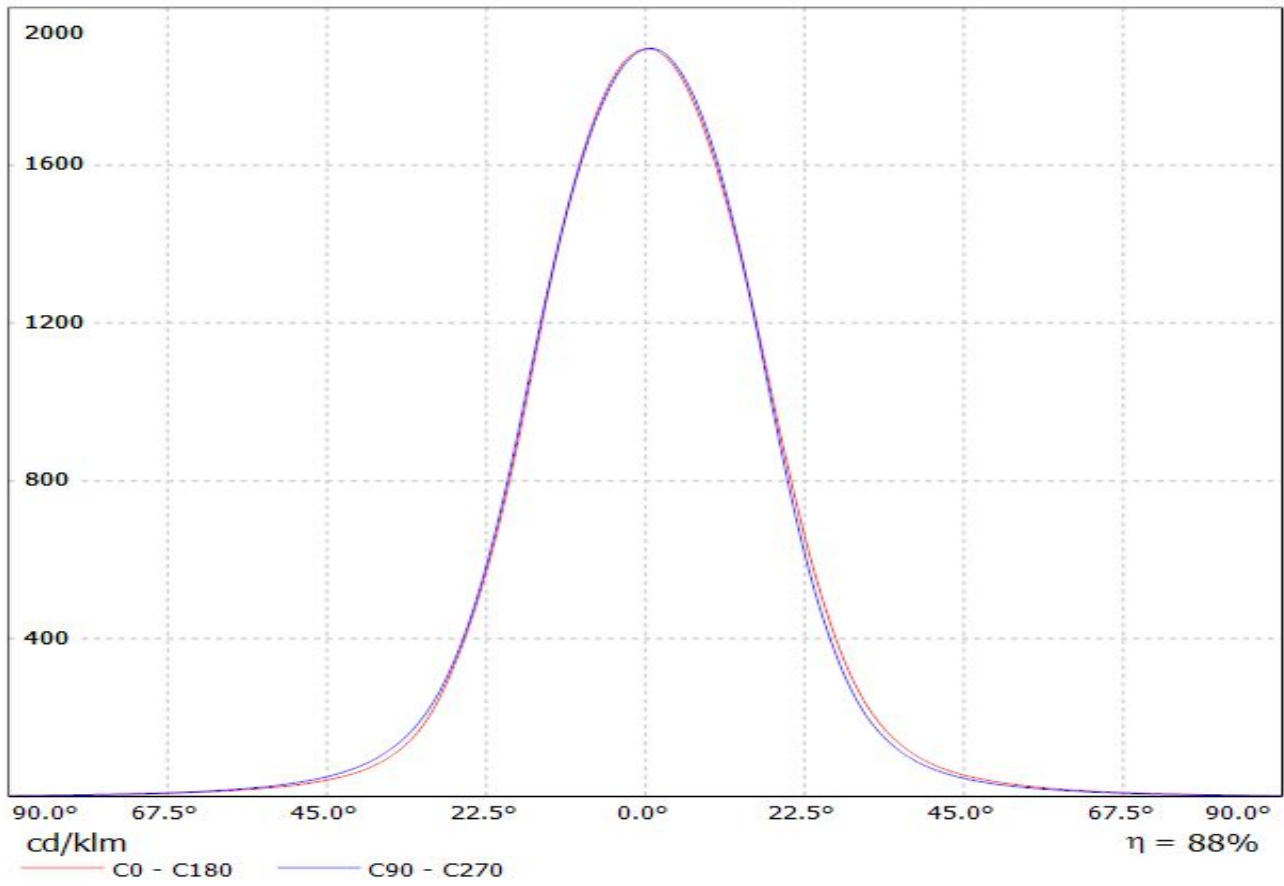
1

1

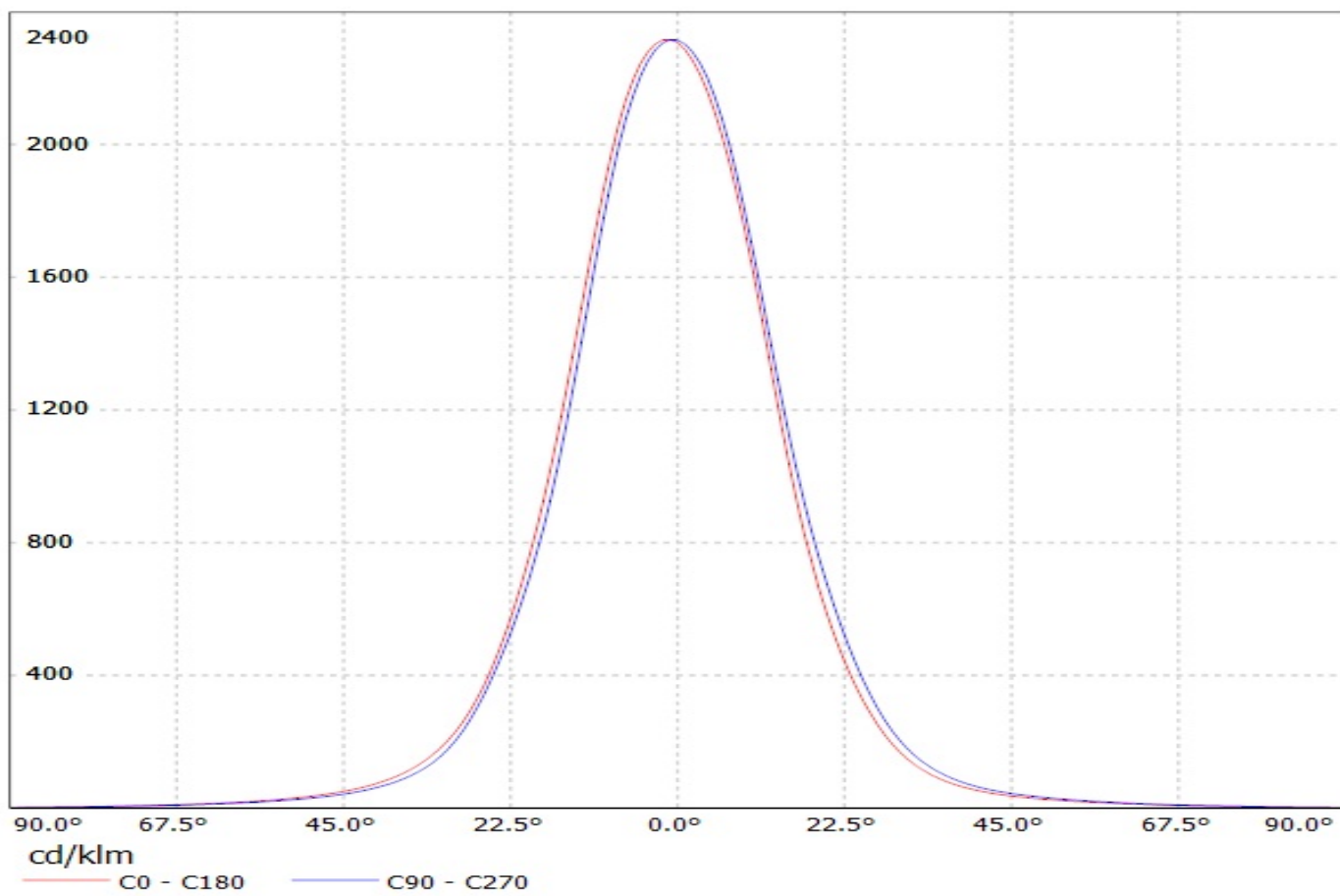
D

A

Luminaire: LEDiL Oy LARISA-M\_XP-G\_(CLIP8&CLIP16) Eff.87.8%  
Lamps: 1 x XP-G (62.2075lm@250mA)



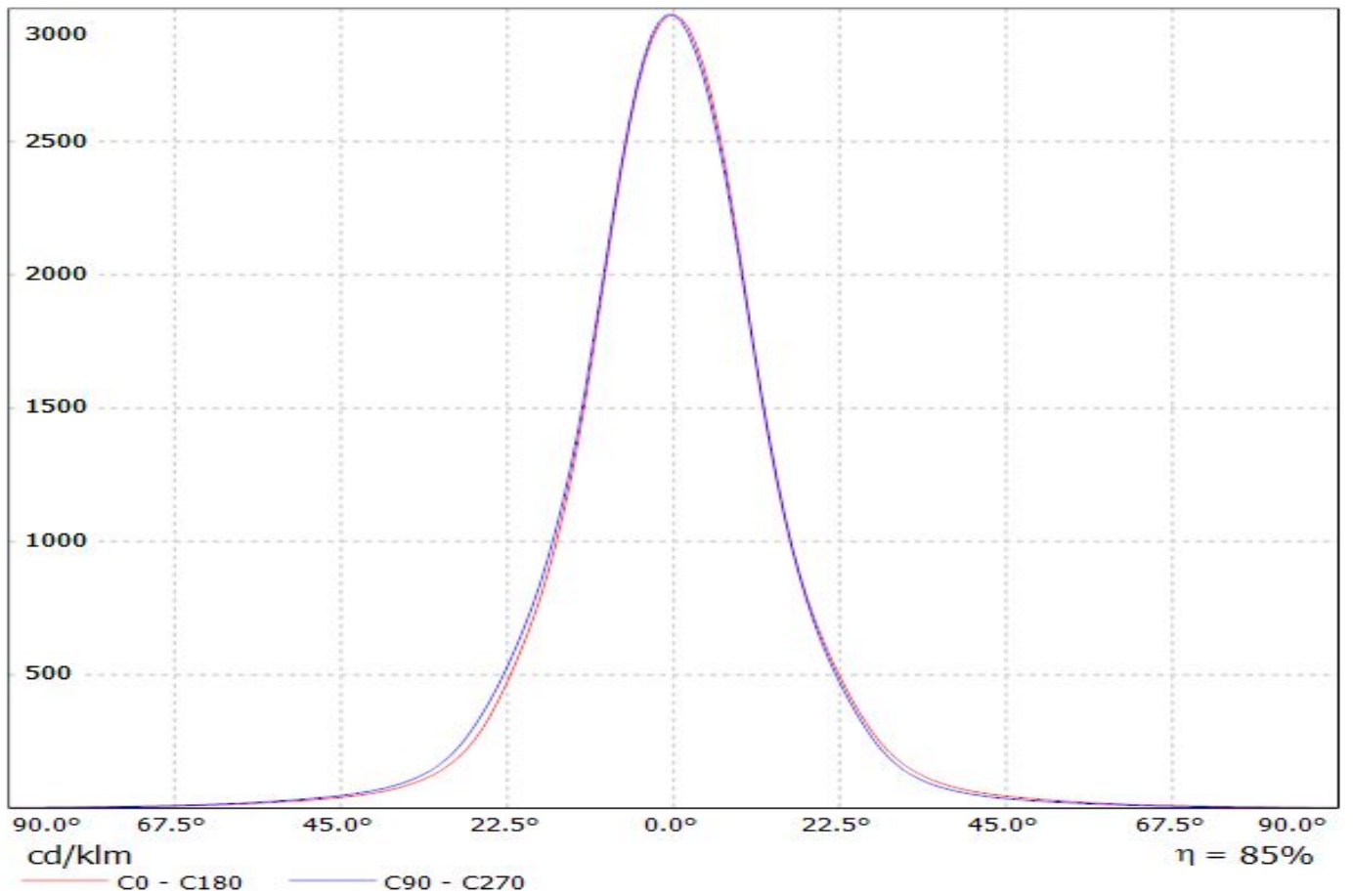
Valaisin: LEDiL Oy LARISA-M\_XB-D\_(CLIP8&CLIP16) Eff.84.0%  
Lamput: 1 x XB-D (91.7428lm@250mA)





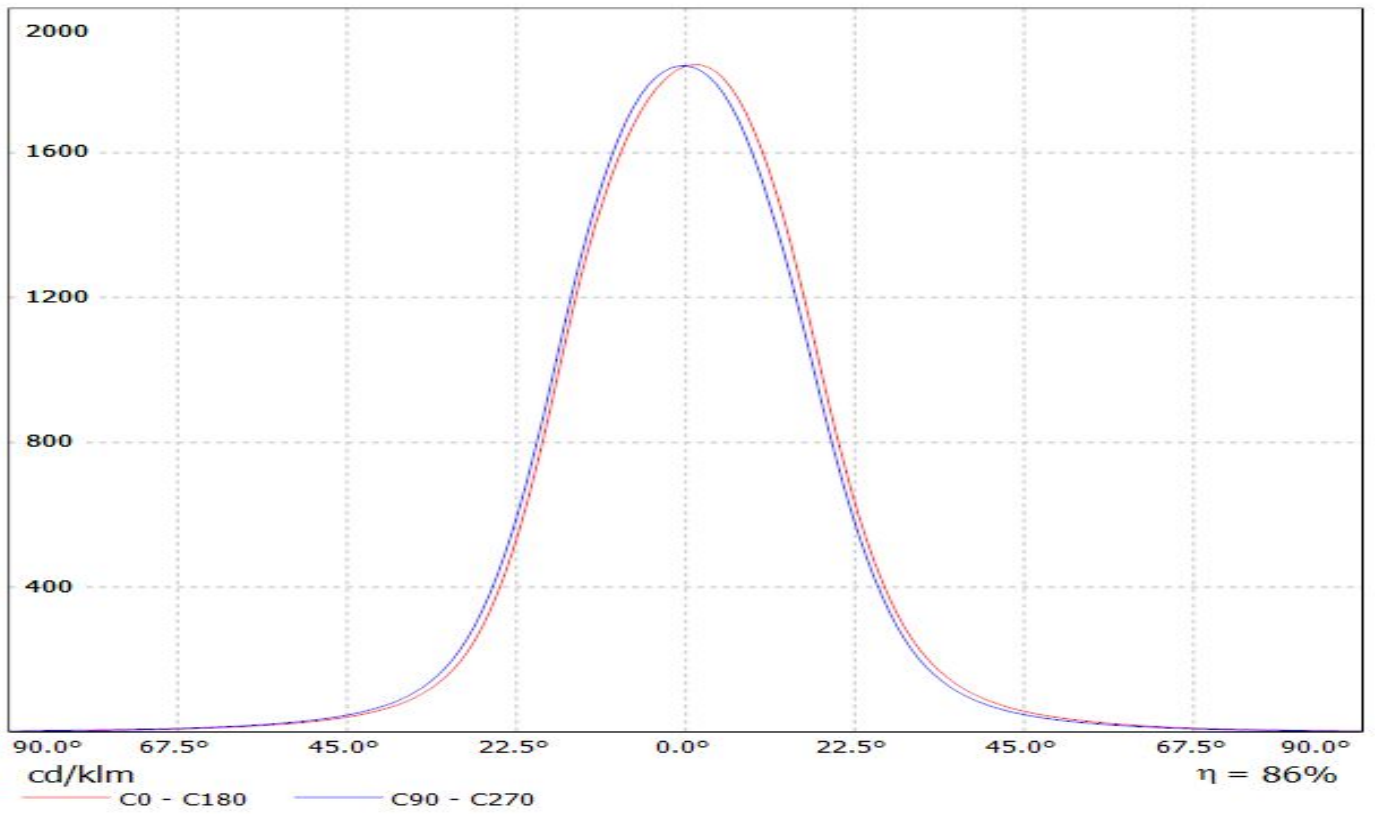
Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8\_(XQ-E)

Lamps: 1 x Cree\_XQ-E\_(XQEAWT-0-7B1-Q40-0H-00001\_81.2847lm@250mA\_P=0.764419W\_I=250mA)



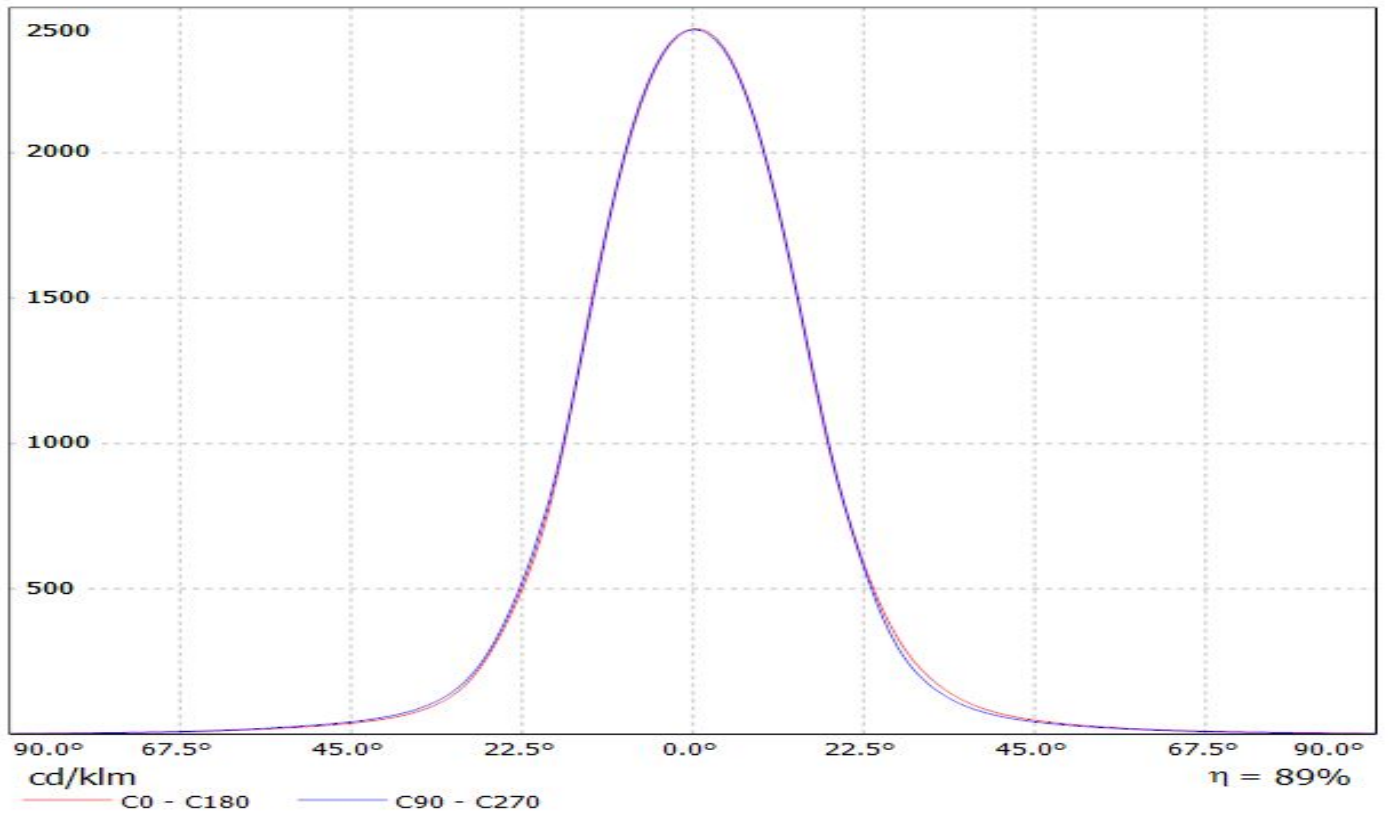
**LEDiL Oy CP12940\_LARISA-M-CLIP8\_(3535\_Ceramic) Eff.86.4% / LDC  
(Linear)**

Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8\_(3535\_Ceramic) Eff.86.4%  
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)

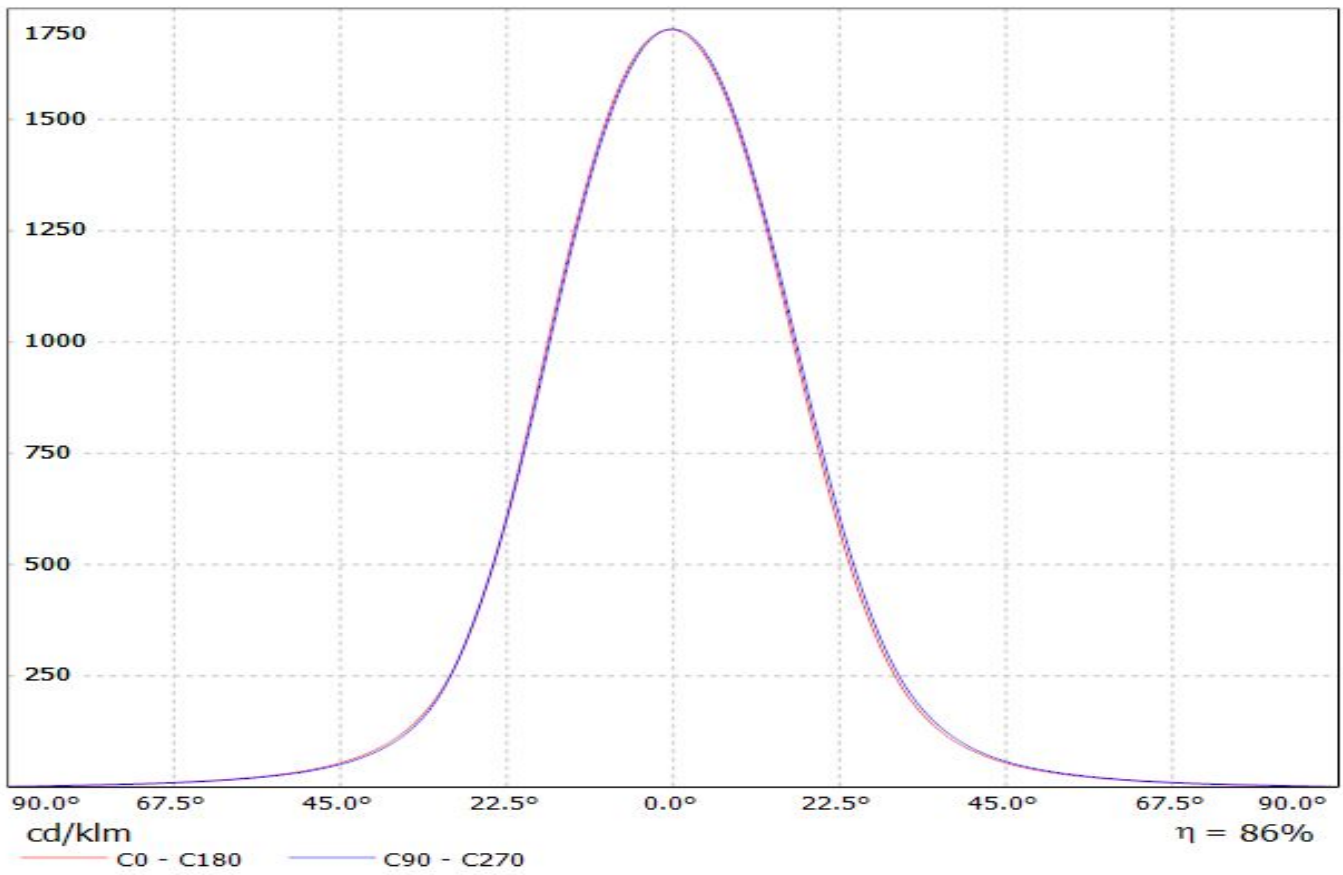


**LEDiL Oy CP12940\_LARISA-M-CLIP8/CP12941\_LARISA-M-CLIP16\_  
(LG3535\_2W) Eff.89.1% / LDC (Linear)**

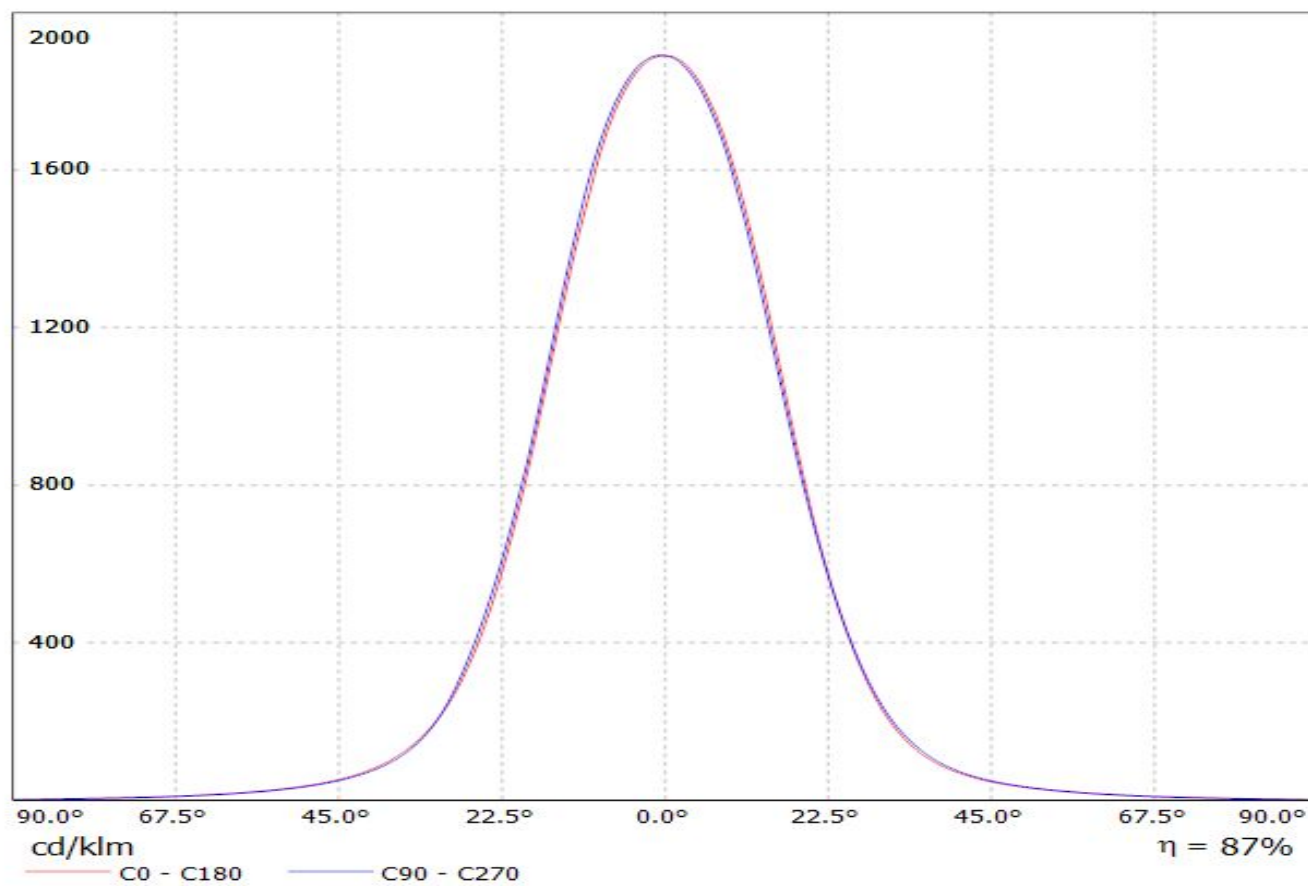
Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8/CP12941\_LARISA-M-CLIP16\_(LG3535\_2W) Eff.89.1%  
Lamps: 1 x LG3535\_2W (97.3629lm@250mA)



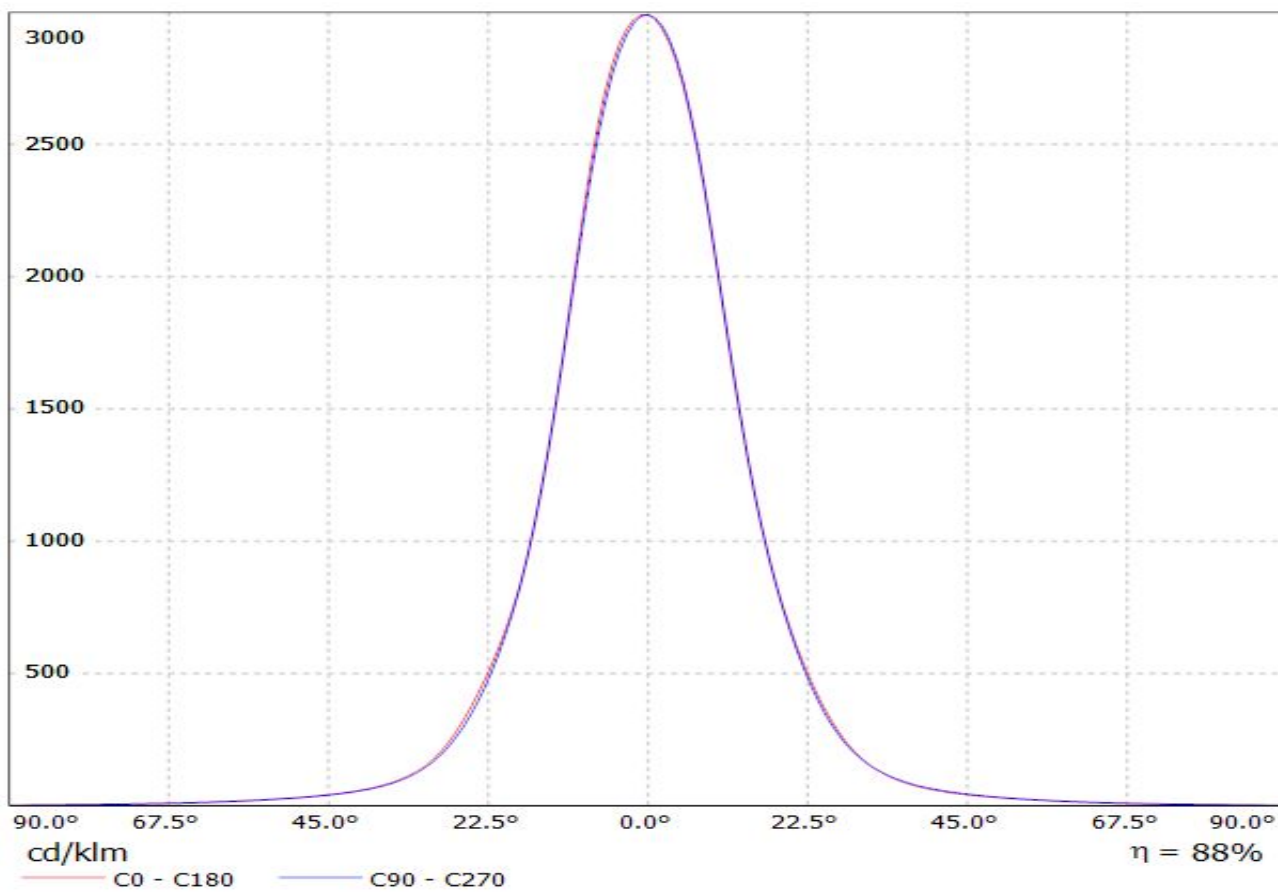
Luminaire: LEDiL Oy LARISA-M\_Luxeon\_A\_(CLIP8&CLIP16) Eff.85.8%  
Lamps: 1 x Luxeon A (66.8723lm@250mA)



Luminaire: LEDiL Oy LARISA-M\_Rebel-ES\_(CLIP8&CLIP16) Eff.87.0%  
Lamps: 1 x Rebel ES (89.842lm@250mA)

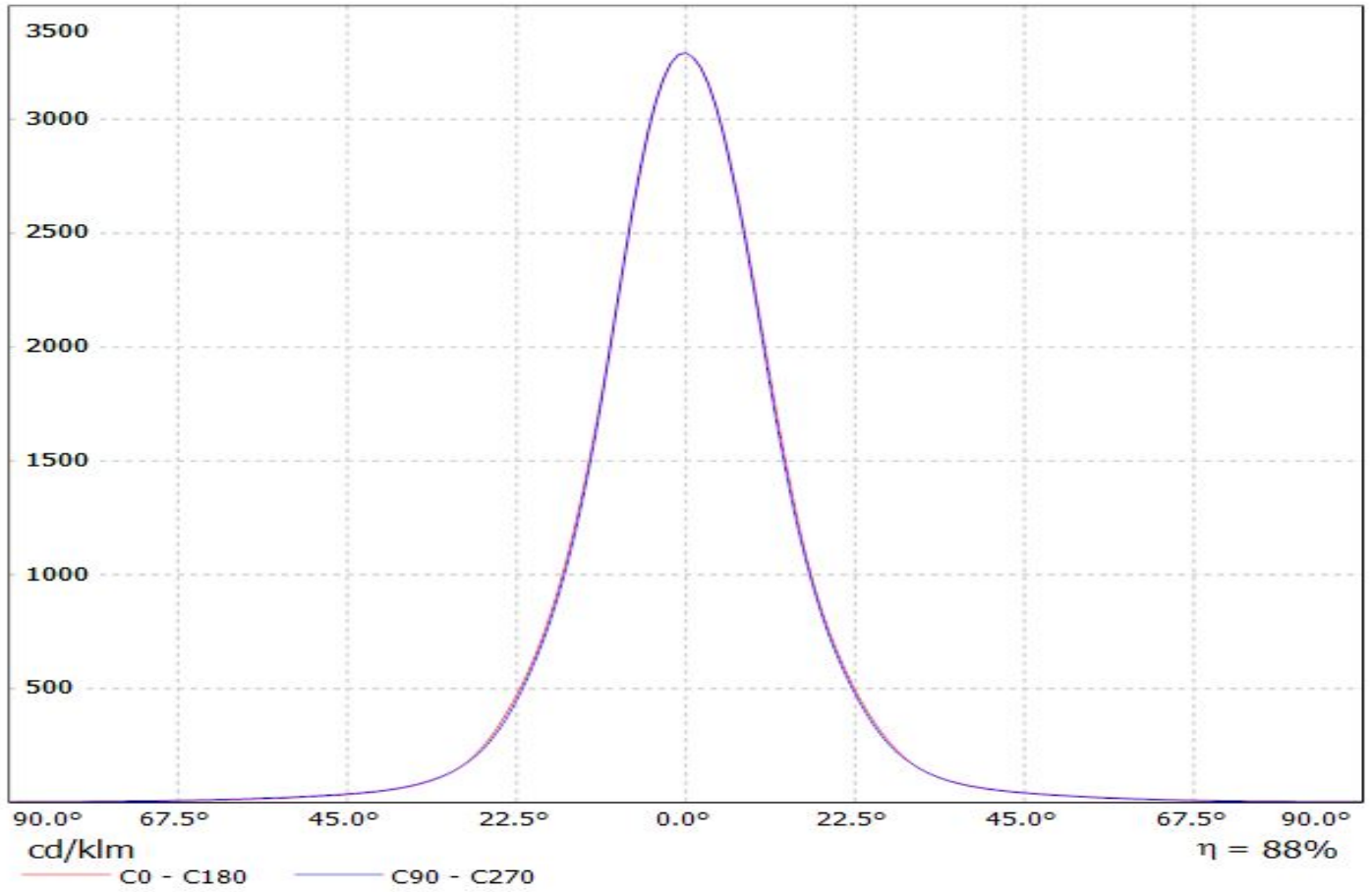


Luminaire: LEDiL Oy LARISA-M\_Rebel\_(CLIP8&CLIP16) Eff.88.0%  
Lamps: 1 x Rebel (80.8775lm@250mA)

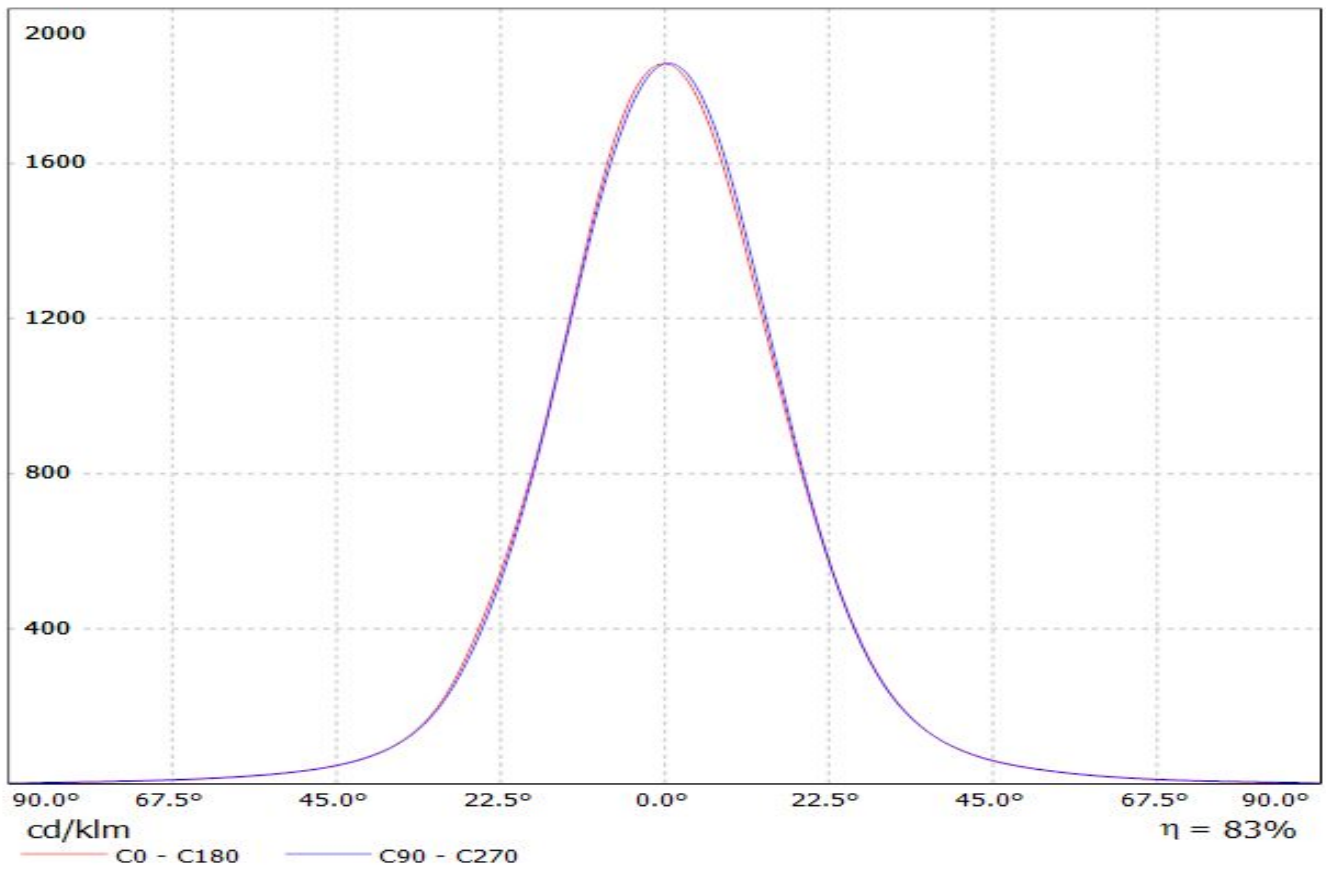


Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8\_(Luxeon\_Z\_ES)

Lamps: 1 x Philips\_Lumileds\_Luxeon\_Z\_ES\_(LXZ2-2790)\_51.1518lm@250mA\_P=0.73718W\_I=249.9mA

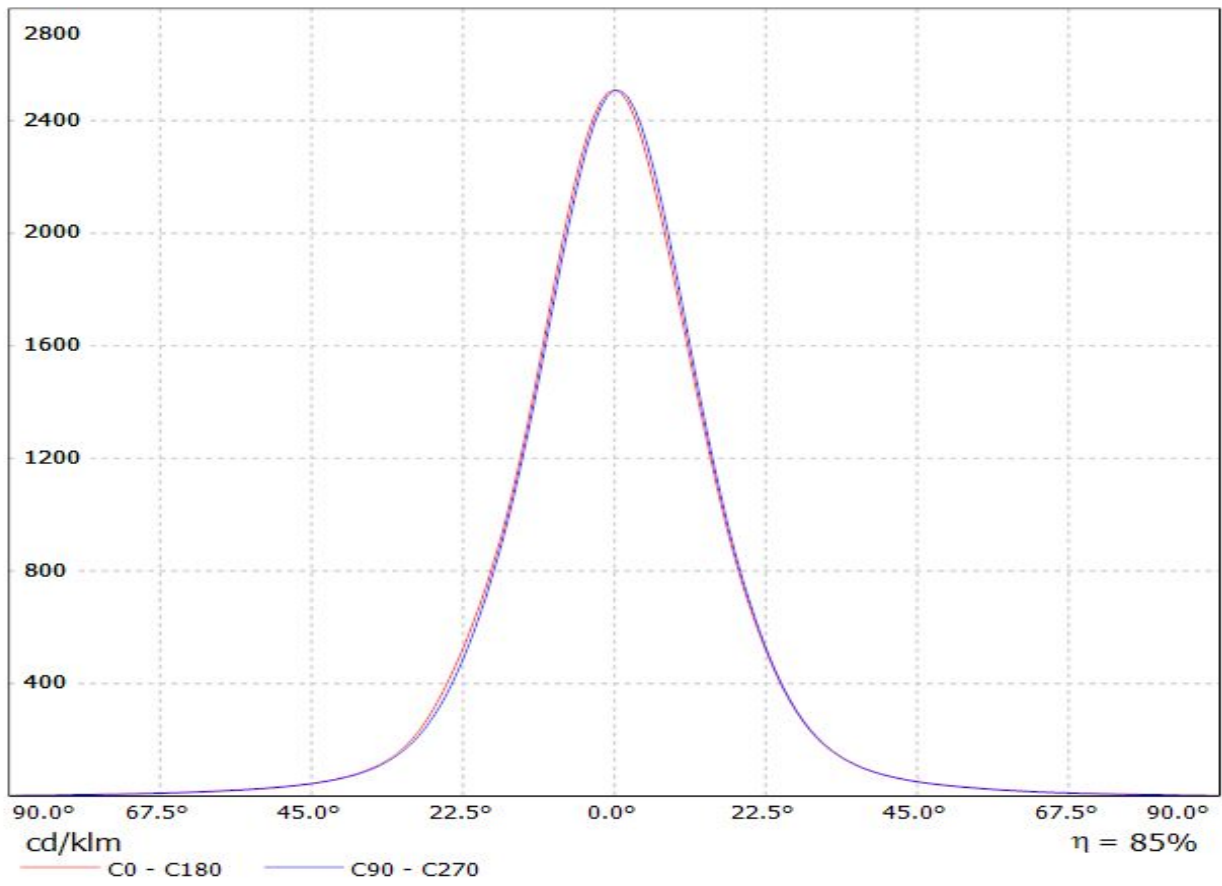


Luminaire: LEDiL Oy LARISA-M\_NV519\_(CLIP8&CLIP16) Eff.83.5%  
Lamps: 1 x NV519 (97.9644lm@250mA)

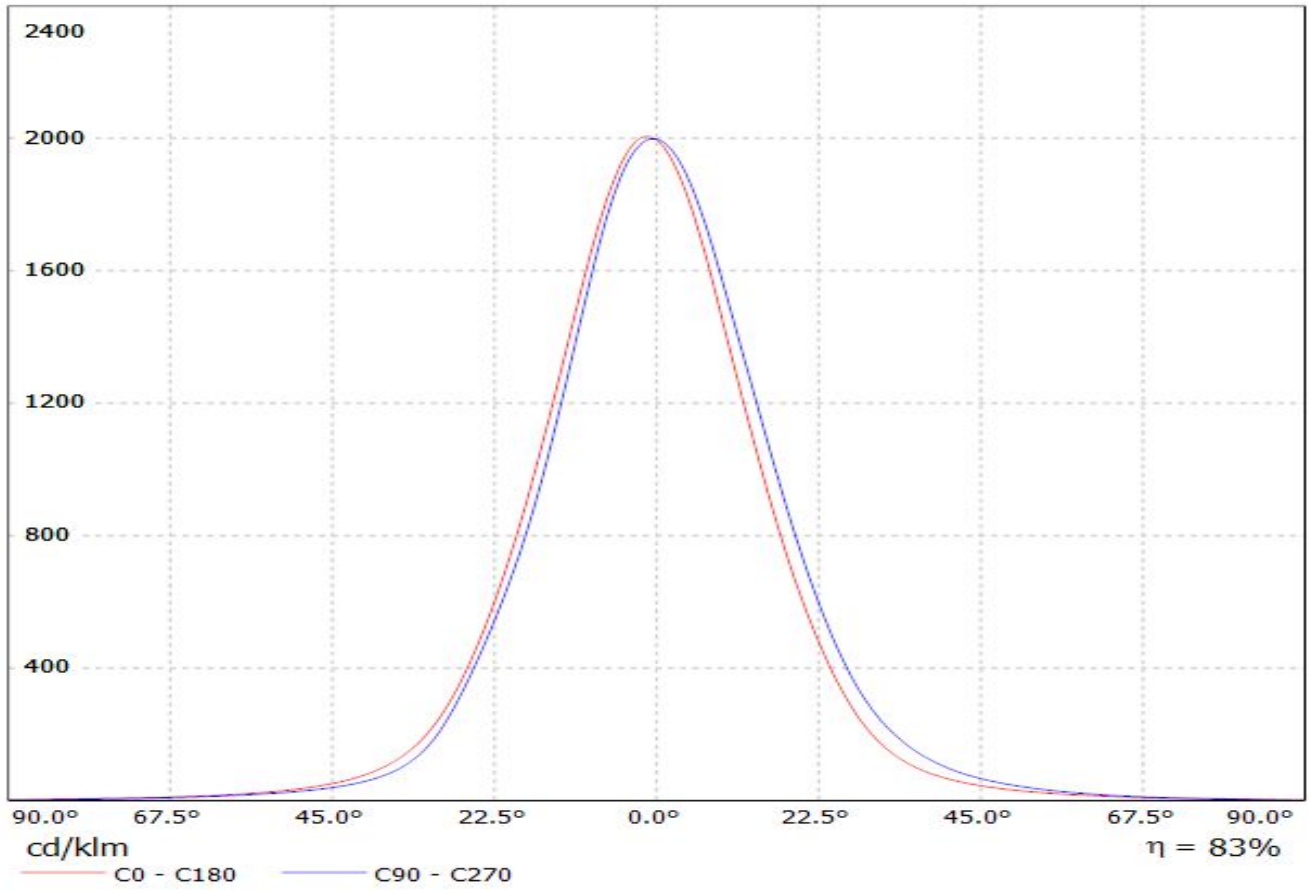




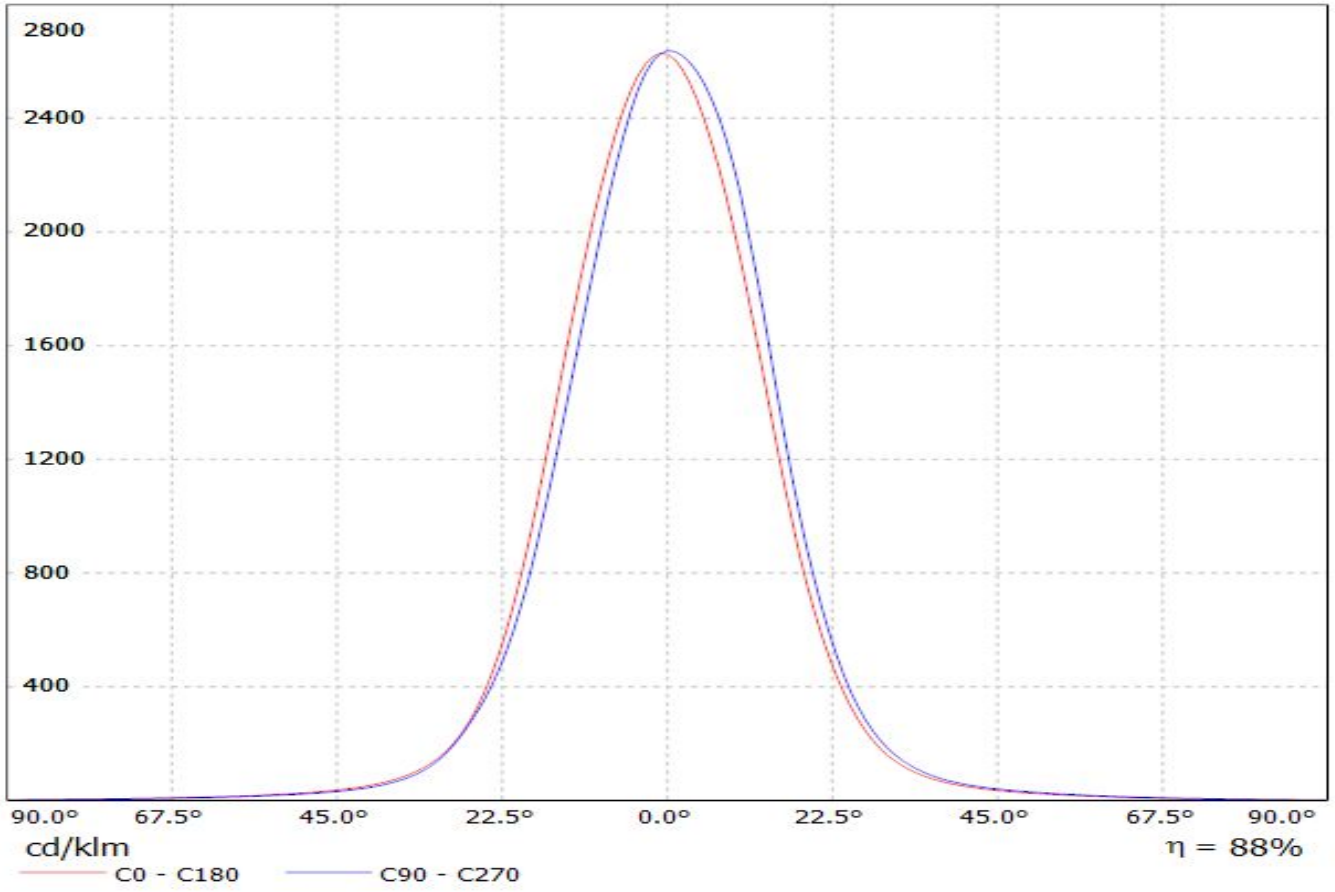
Luminaire: LEDiL Oy LARISA-M\_NCS19\_(CLIP8&CLIP16) Eff.84.6%  
Lamps: 1 x NCS19 (88.2595lm@250mA)



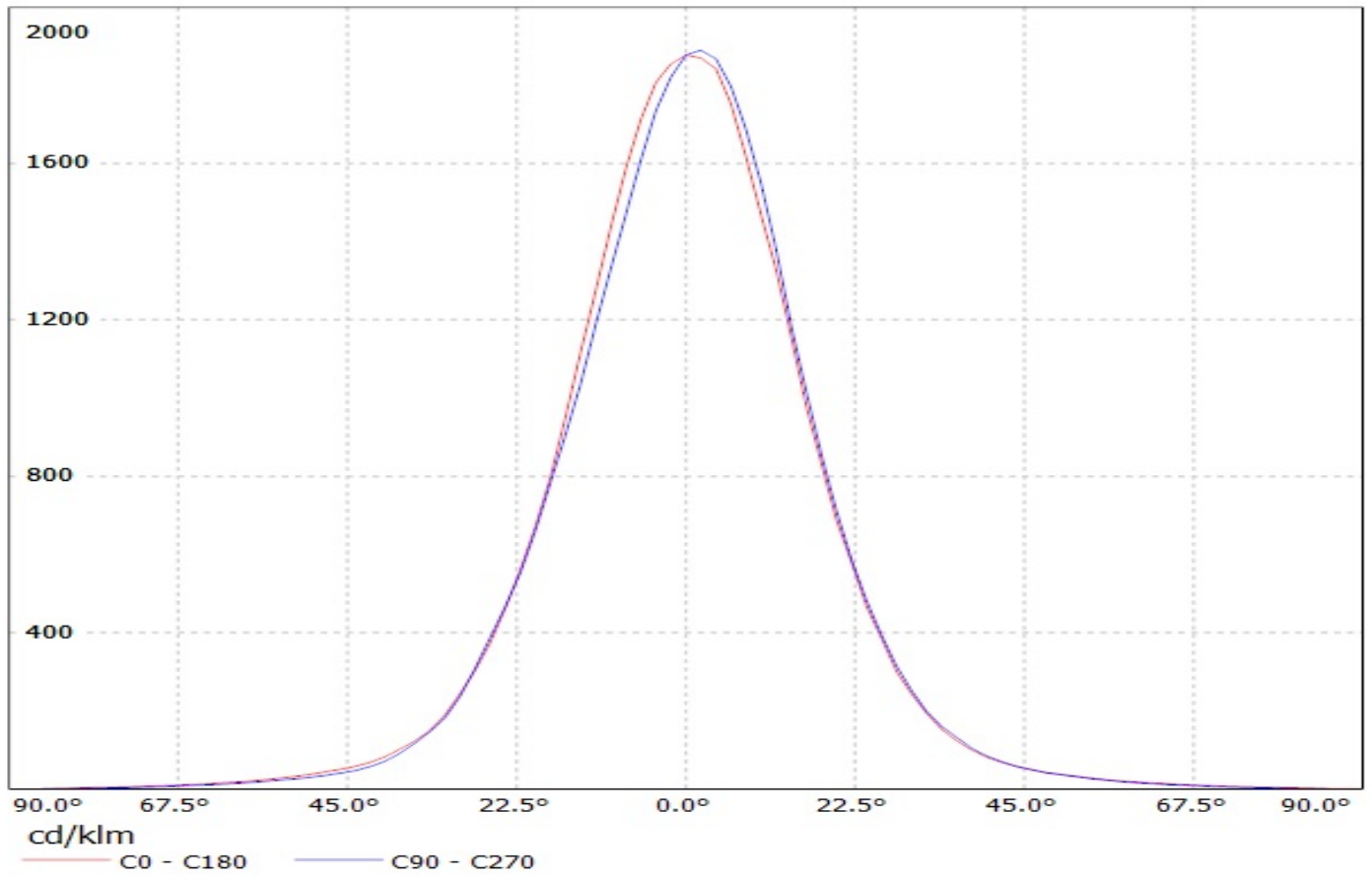
Luminaire: LEDiL Oy LARISA-M\_SQ-EC\_(CLIP8&CLIP16) Eff.82.8%  
Lamps: 1 x SQ-EC (64.5379lm@250mA)



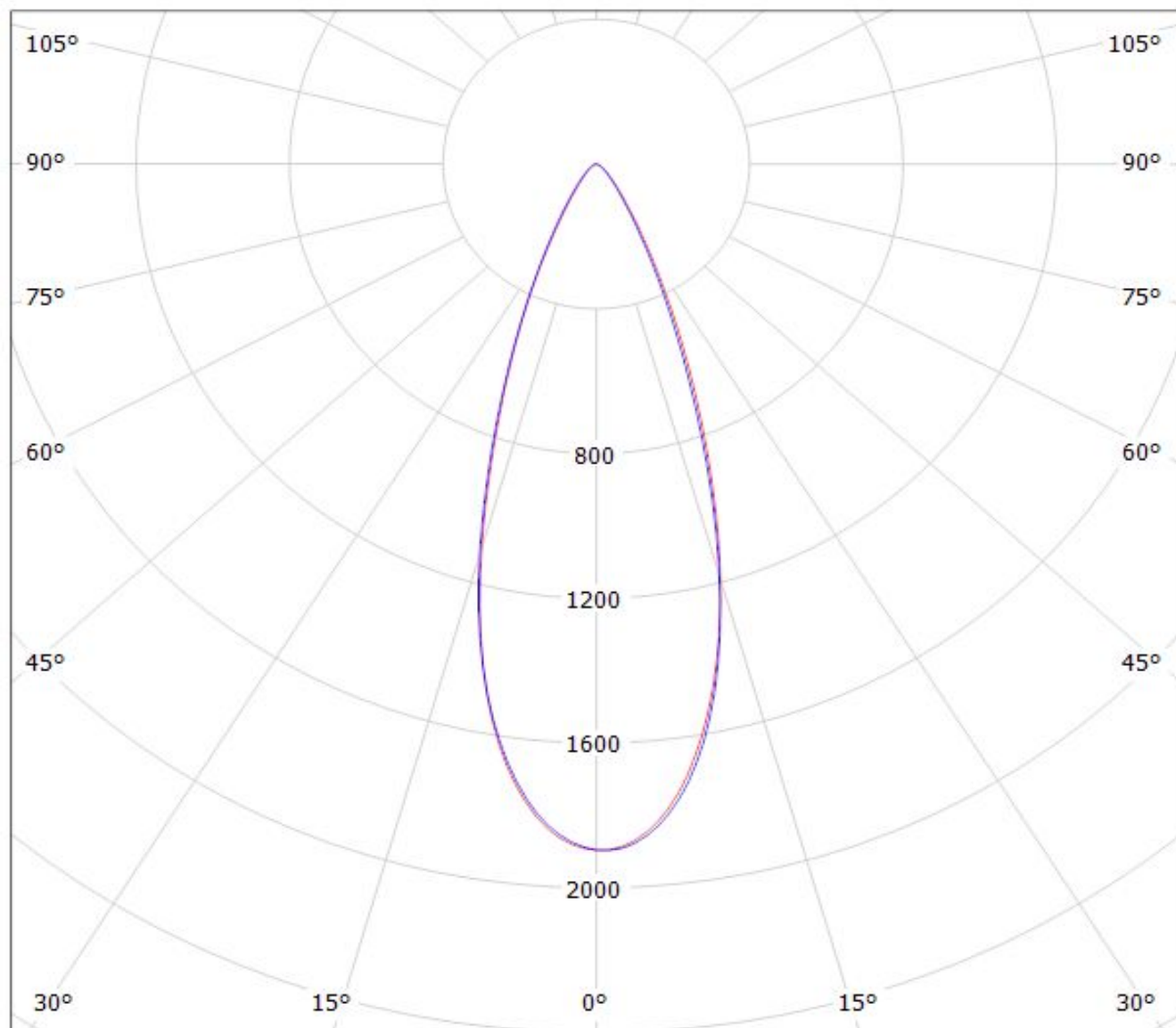
Luminaire: LEDiL Oy LARISA-M\_SSL150\_(CLIP8&CLIP16) Eff.87.7%  
Lamps: 1 x SSL150 (71.2649lm@250mA)



Luminaire: LEDil Oy CP12940\_LARISA-M-CLIP8\_(Duris\_S5) Efficiency=80%  
Lamps: 1 x Osram Duris S5 (GWPSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



Luminaire: LEDiL Oy LARISA-M\_XP-G\_(CLIP8&CLIP16) Eff.87.8%  
Lamps: 1 x XP-G (62.2075lm@250mA)

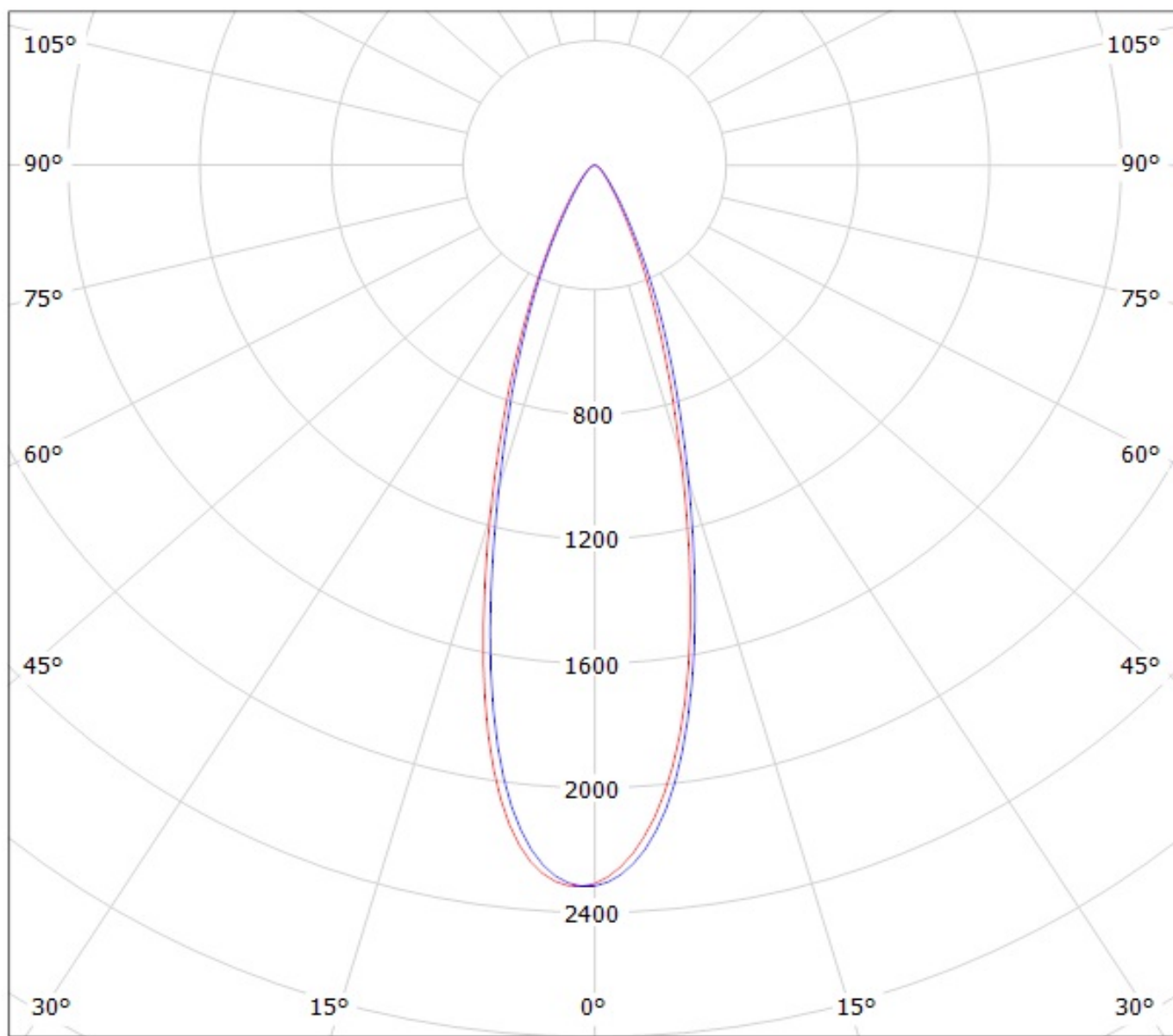


cd/klm

η = 88%

— C0 - C180 — C90 - C270

Valaisin: LEDiL Oy LARISA-M\_XB-D\_(CLIP8&CLIP16) Eff.84.0%  
Lamput: 1 x XB-D (91.7428lm@250mA)



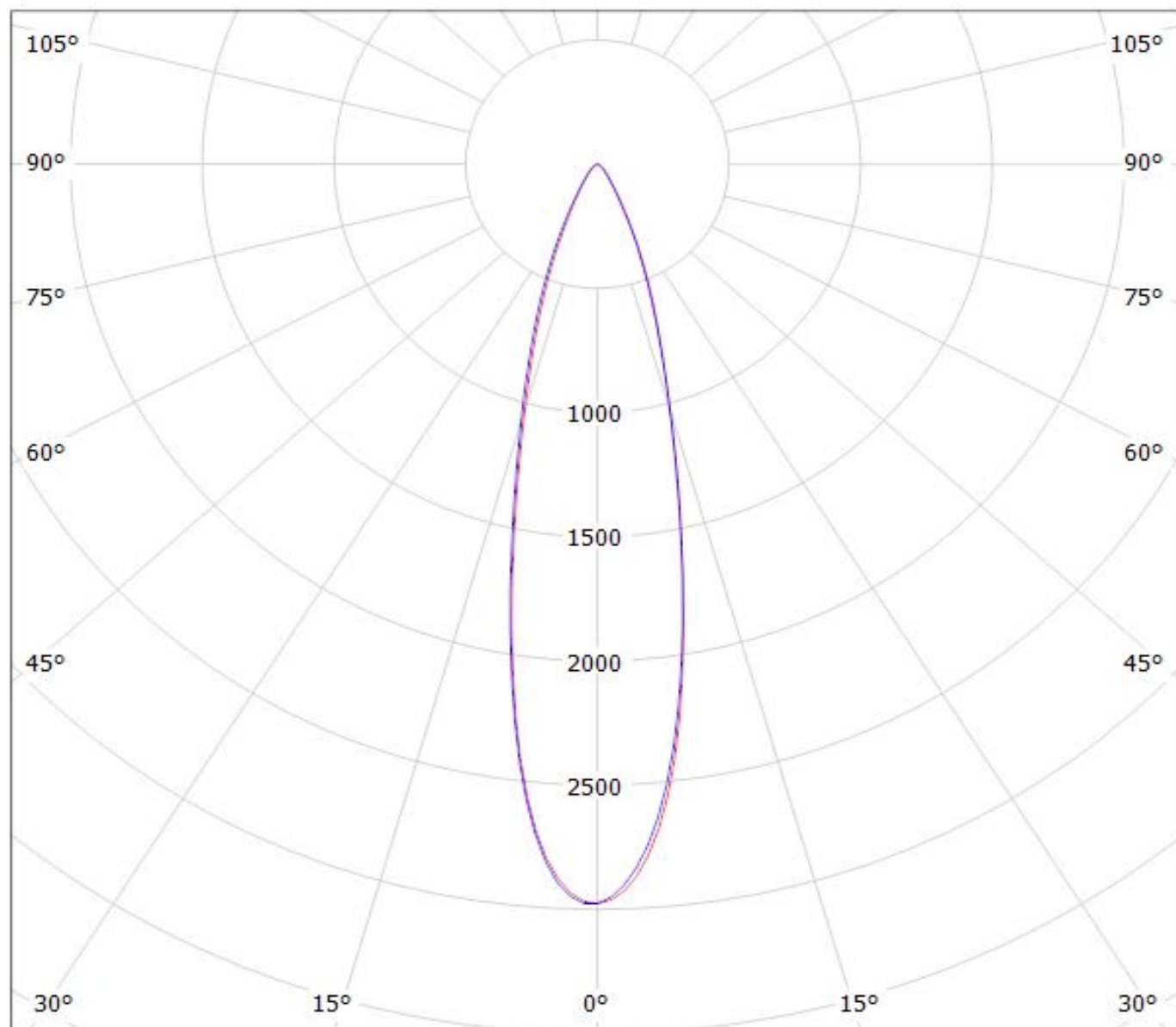
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8\_(XQ-E)

Lamps: 1 x Cree\_XQ-E\_(XQEAWT-0-7B1-Q40-0H-00001\_81.2847lm@250mA\_P=0.764419W\_I=250mA)



cd/klm

— C0 - C180

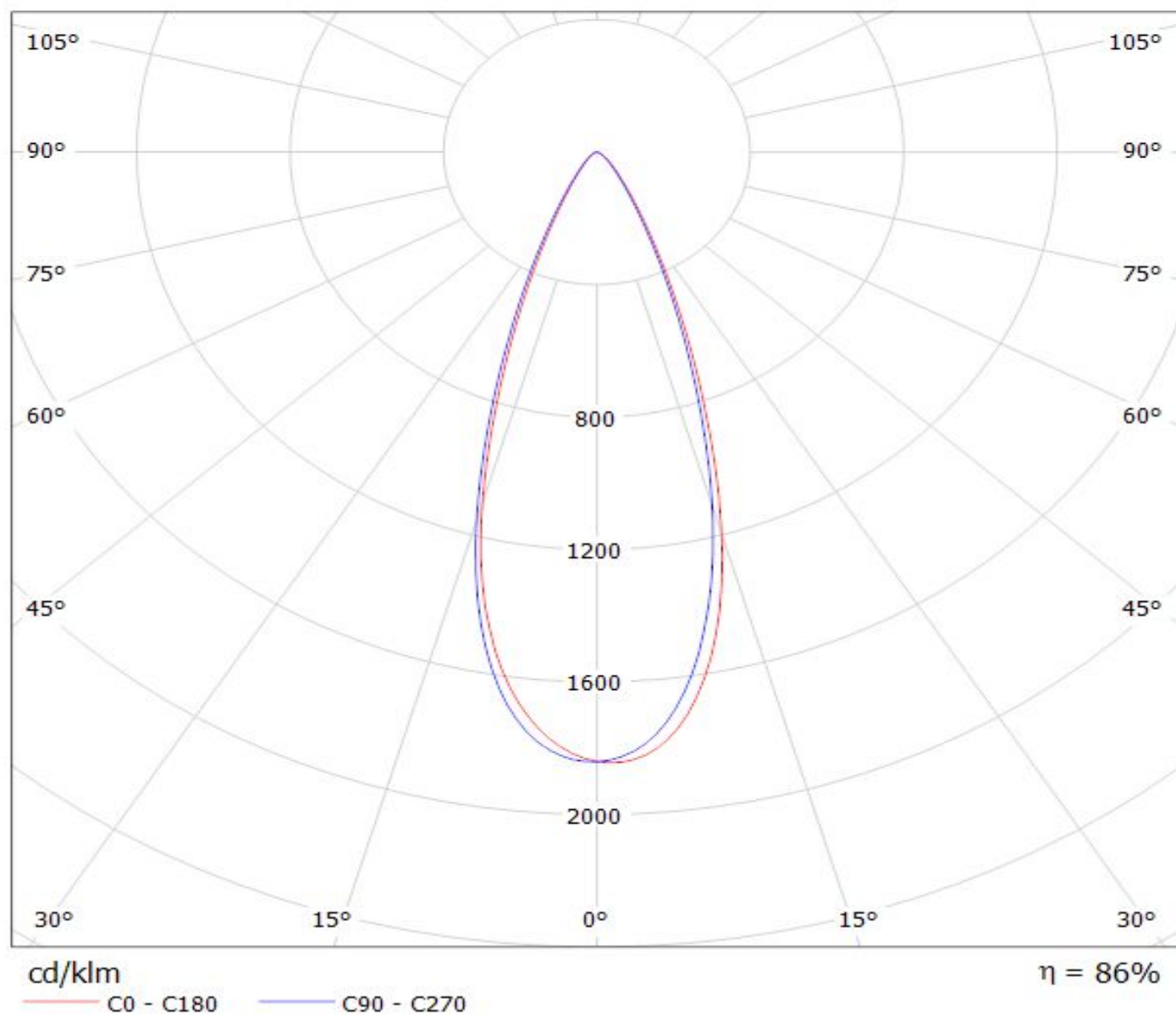
— C90 - C270

$\eta = 85\%$

# LEDiL Oy CP12940\_LARISA-M-CLIP8\_(3535\_Ceramic) Eff.86.4% / LDC (Polar)

Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8\_(3535\_Ceramic) Eff.86.4%

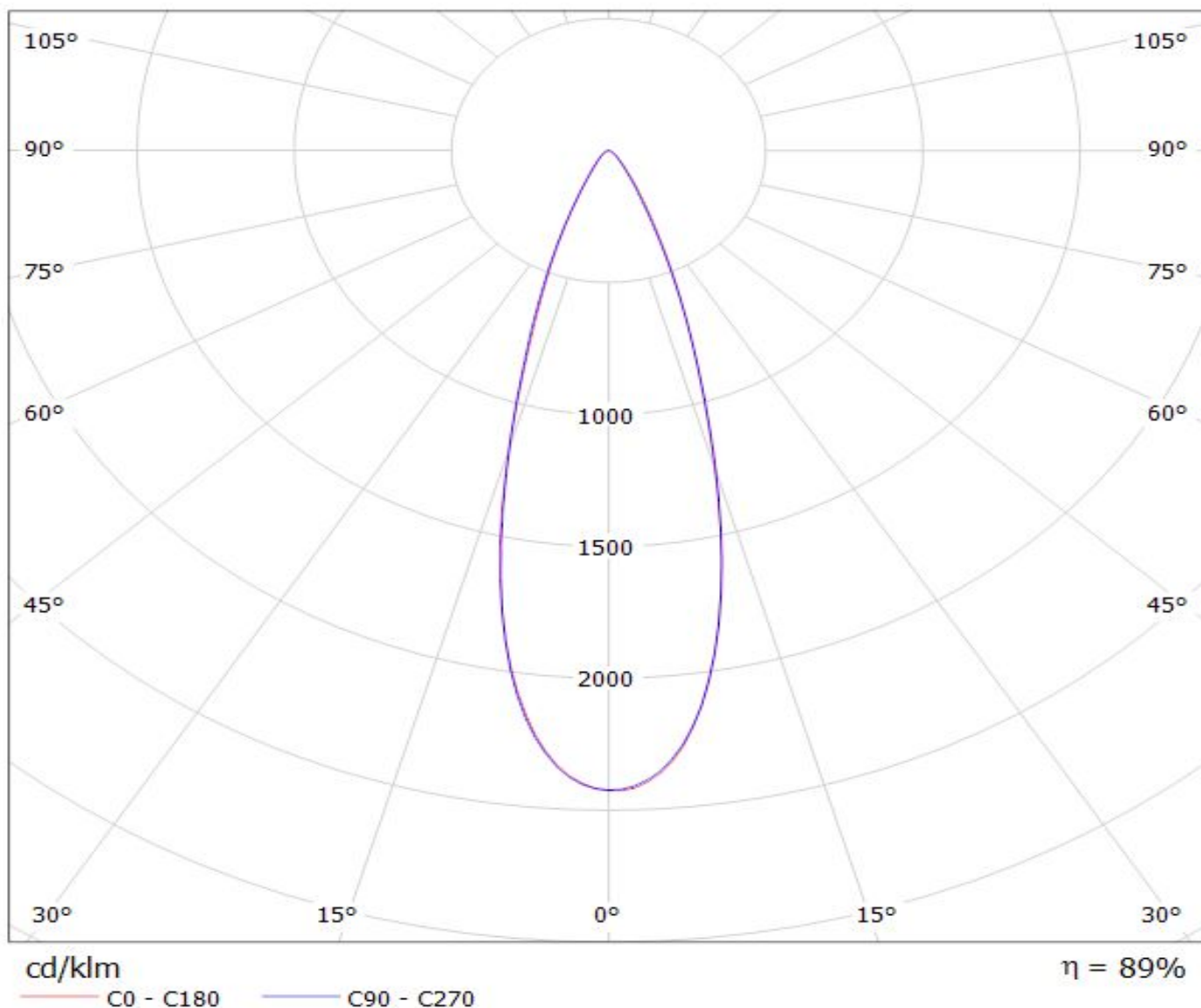
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)



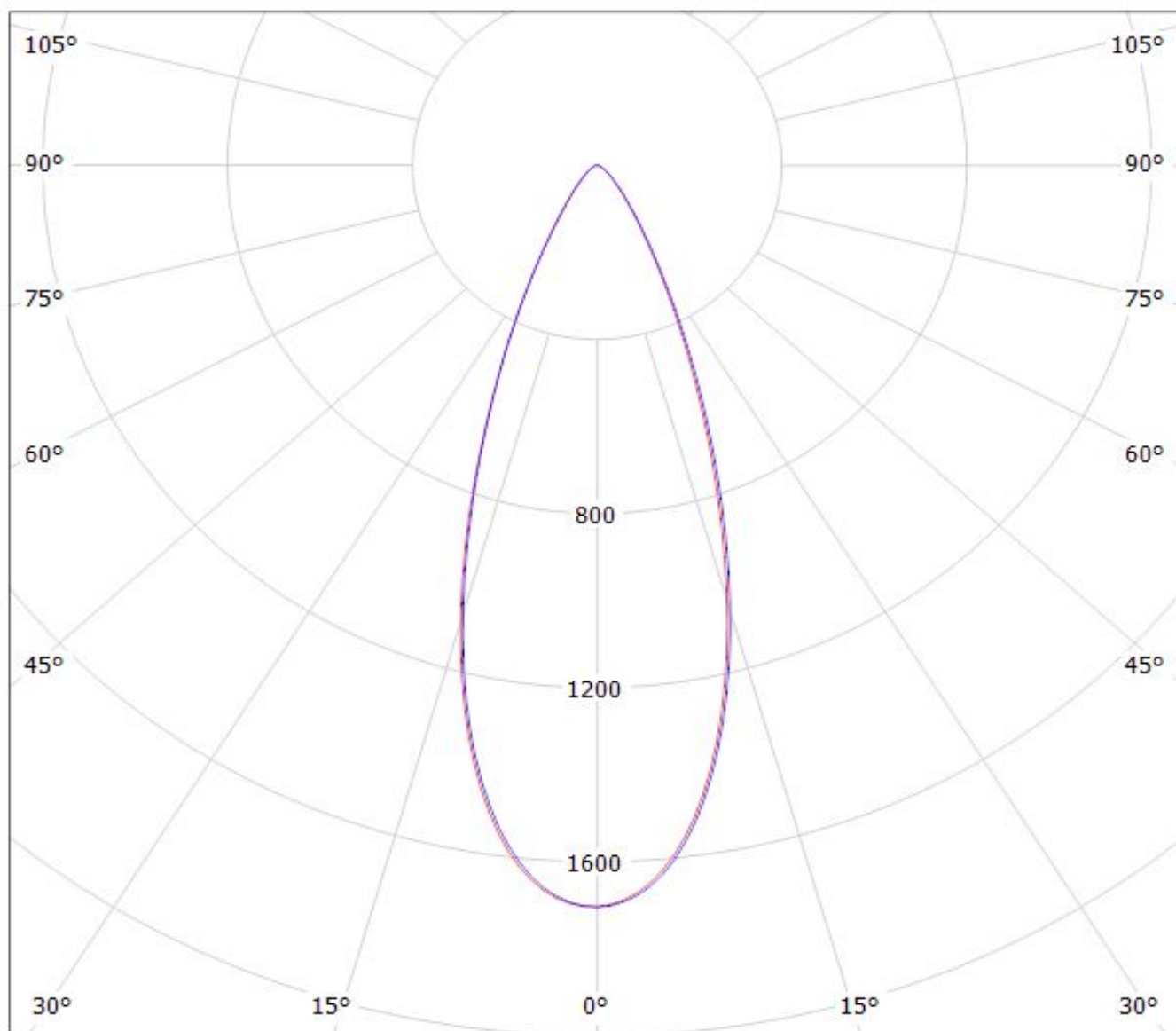


**LEDiL Oy CP12940\_LARISA-M-CLIP8/CP12941\_LARISA-M-CLIP16\_ (LG3535\_2W) Eff.89.1% / LDC (Polar)**

Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8/CP12941\_LARISA-M-CLIP16\_(LG3535\_2W) Eff.89.1%  
Lamps: 1 x LG3535\_2W (97.3629lm@250mA)



Luminaire: LEDiL Oy LARISA-M\_Luxeon\_A\_(CLIP8&CLIP16) Eff.85.8%  
Lamps: 1 x Luxeon A (66.8723lm@250mA)

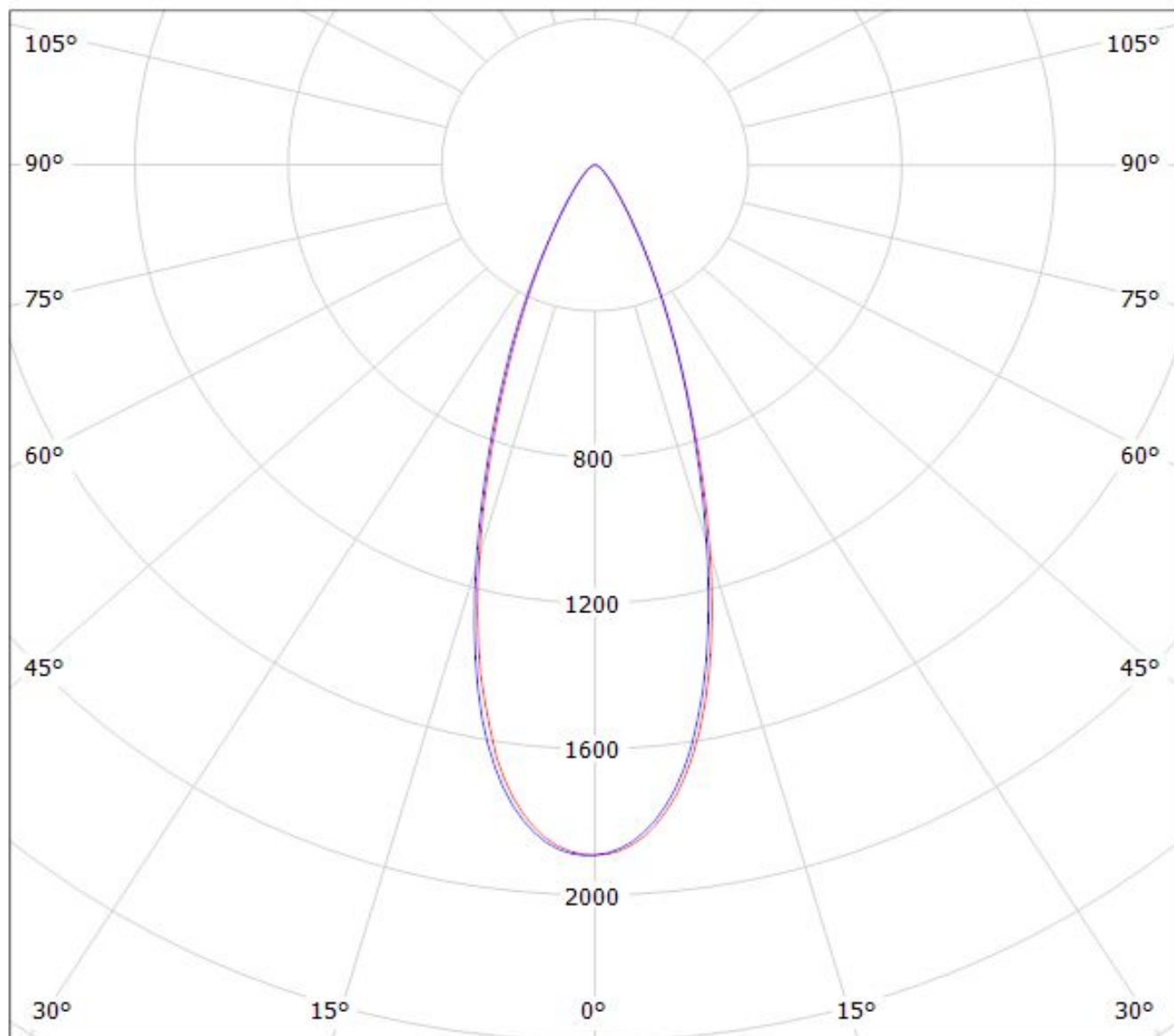


cd/klm

$\eta = 86\%$

— C0 - C180    — C90 - C270

Luminaire: LEDiL Oy LARISA-M\_Rebel-ES\_(CLIP8&CLIP16) Eff.87.0%  
Lamps: 1 x Rebel ES (89.842lm@250mA)

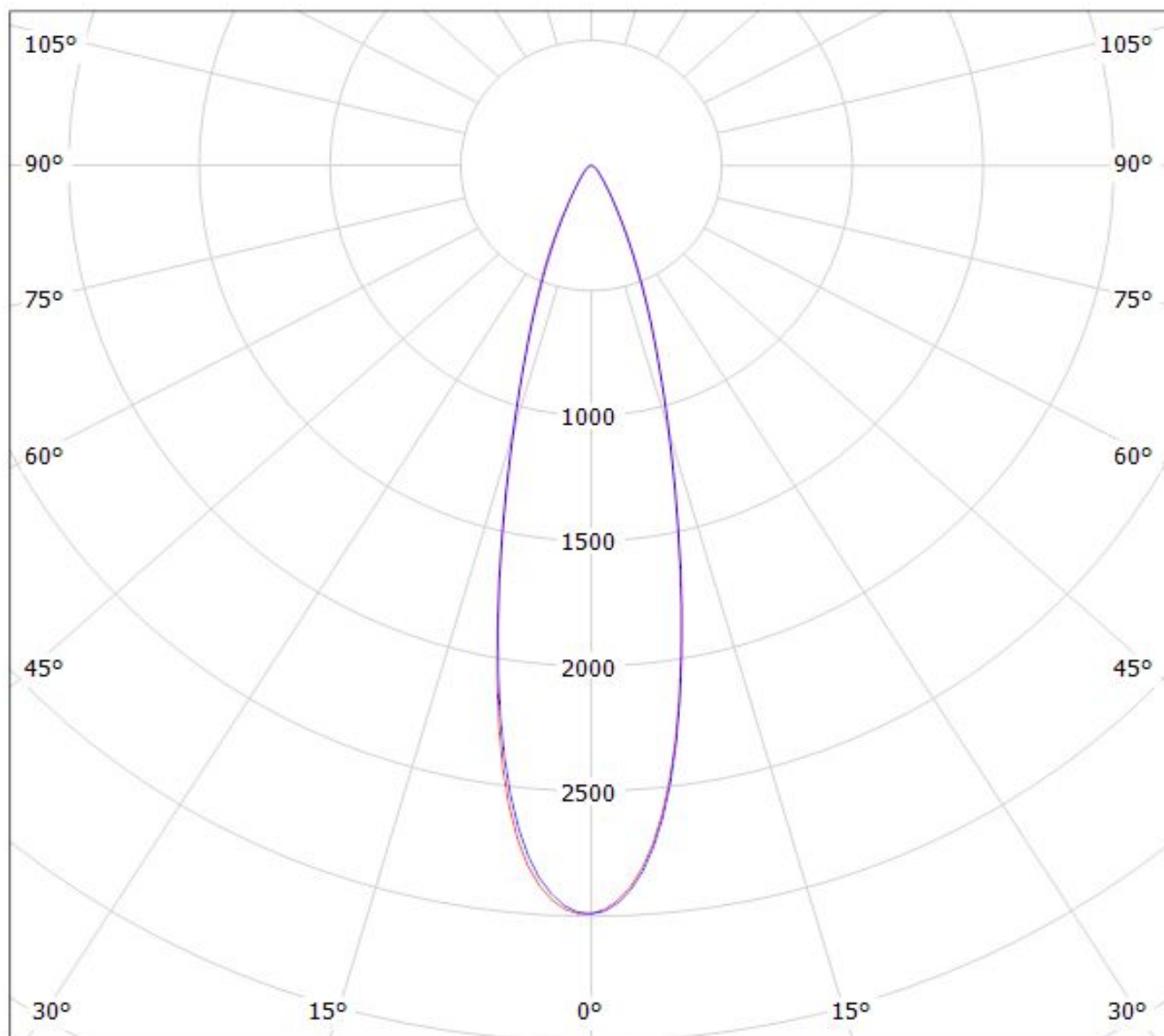


cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: LEDiL Oy LARISA-M\_Rebel\_(CLIP8&CLIP16) Eff.88.0%  
Lamps: 1 x Rebel (80.8775lm@250mA)



cd/klm

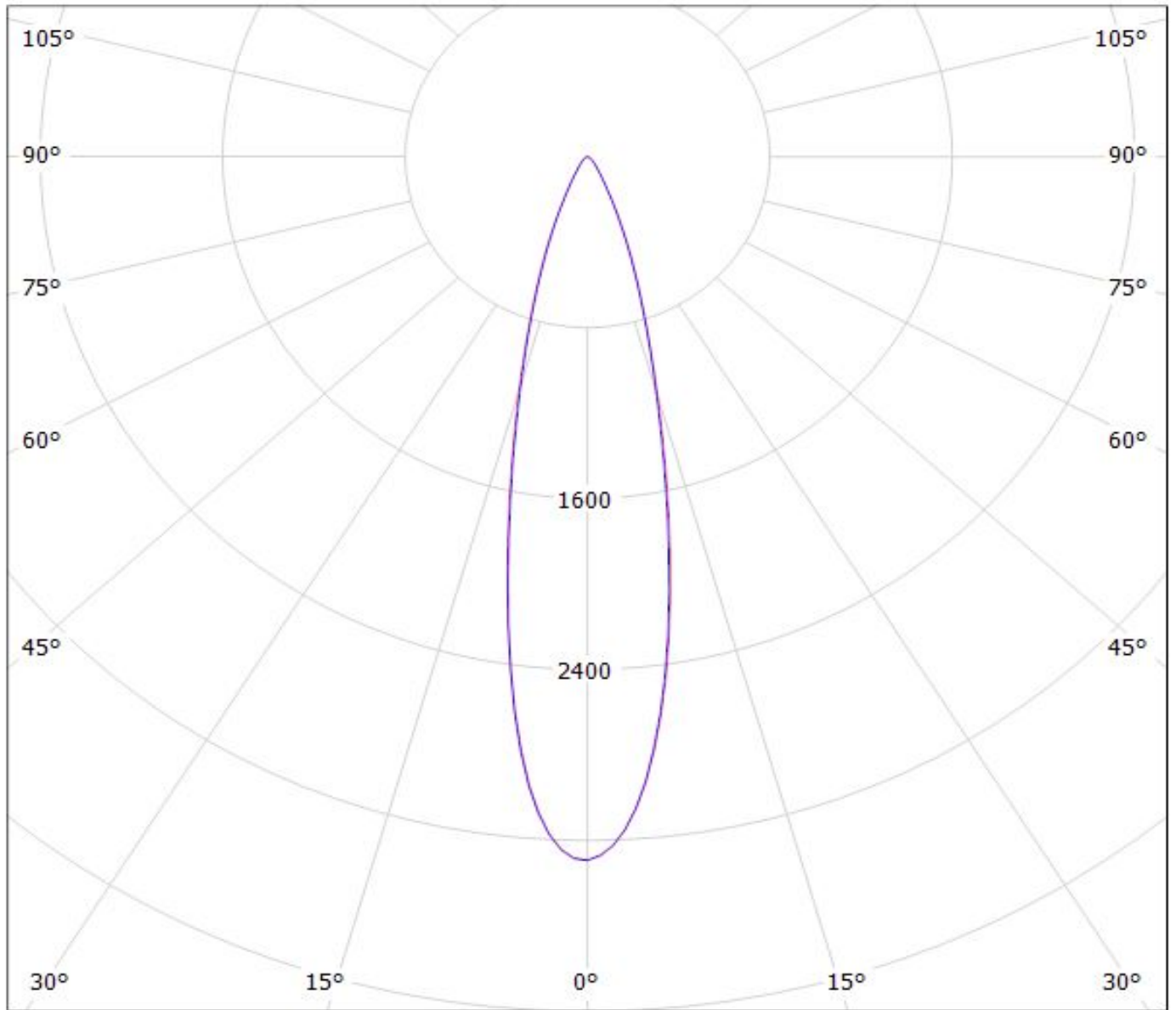
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy CP12940\_LARISA-M-CLIP8\_(Luxeon\_Z\_ES)

Lamps: 1 x Philips\_Lumileds\_Luxeon\_Z\_ES\_(LXZ2-2790)\_51.1518lm@250mA\_P=0.73718W\_I=249.9mA



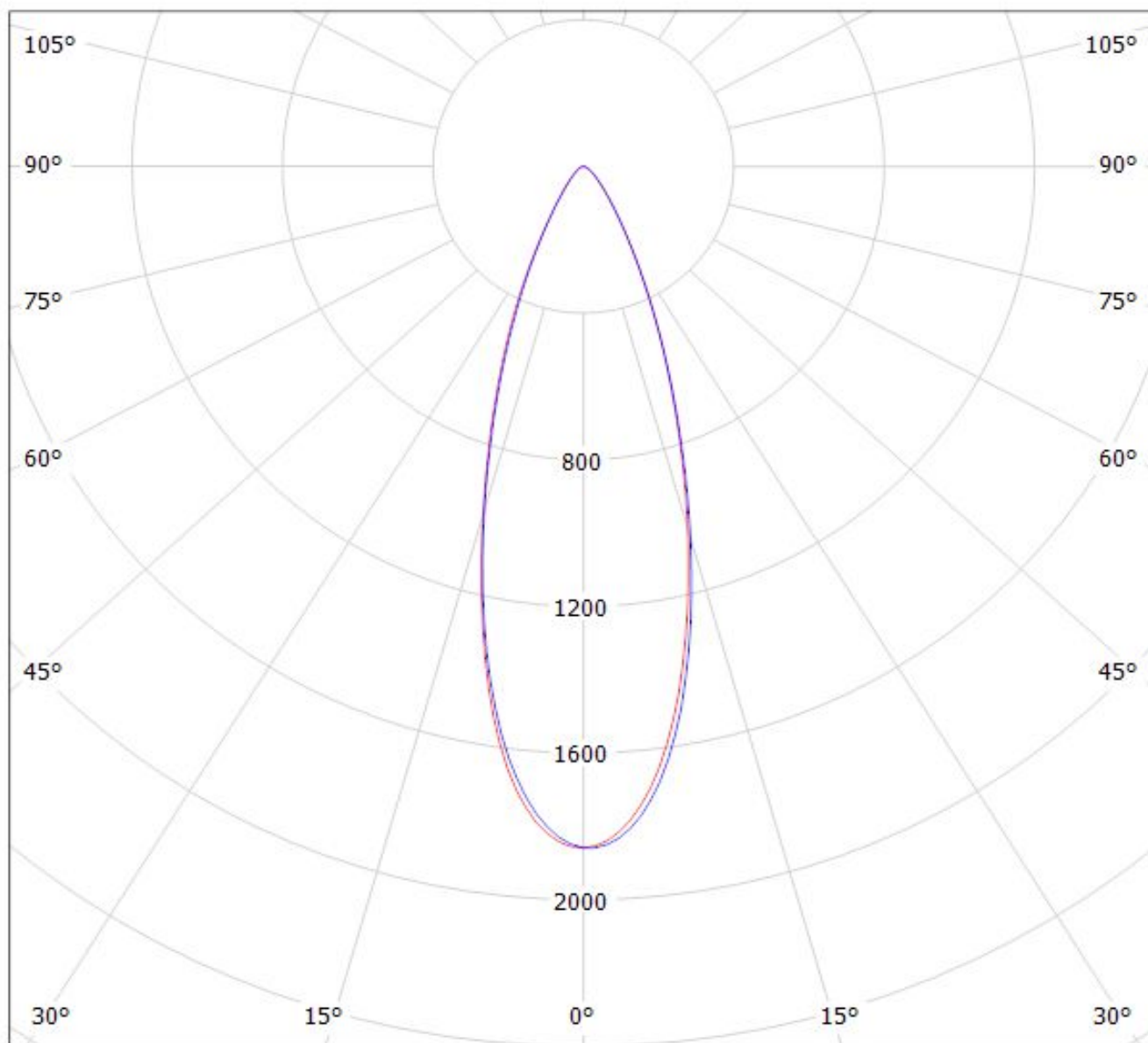
cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy LARISA-M\_NV519\_(CLIP8&CLIP16) Eff.83.5%  
Lamps: 1 x NV519 (97.9644lm@250mA)

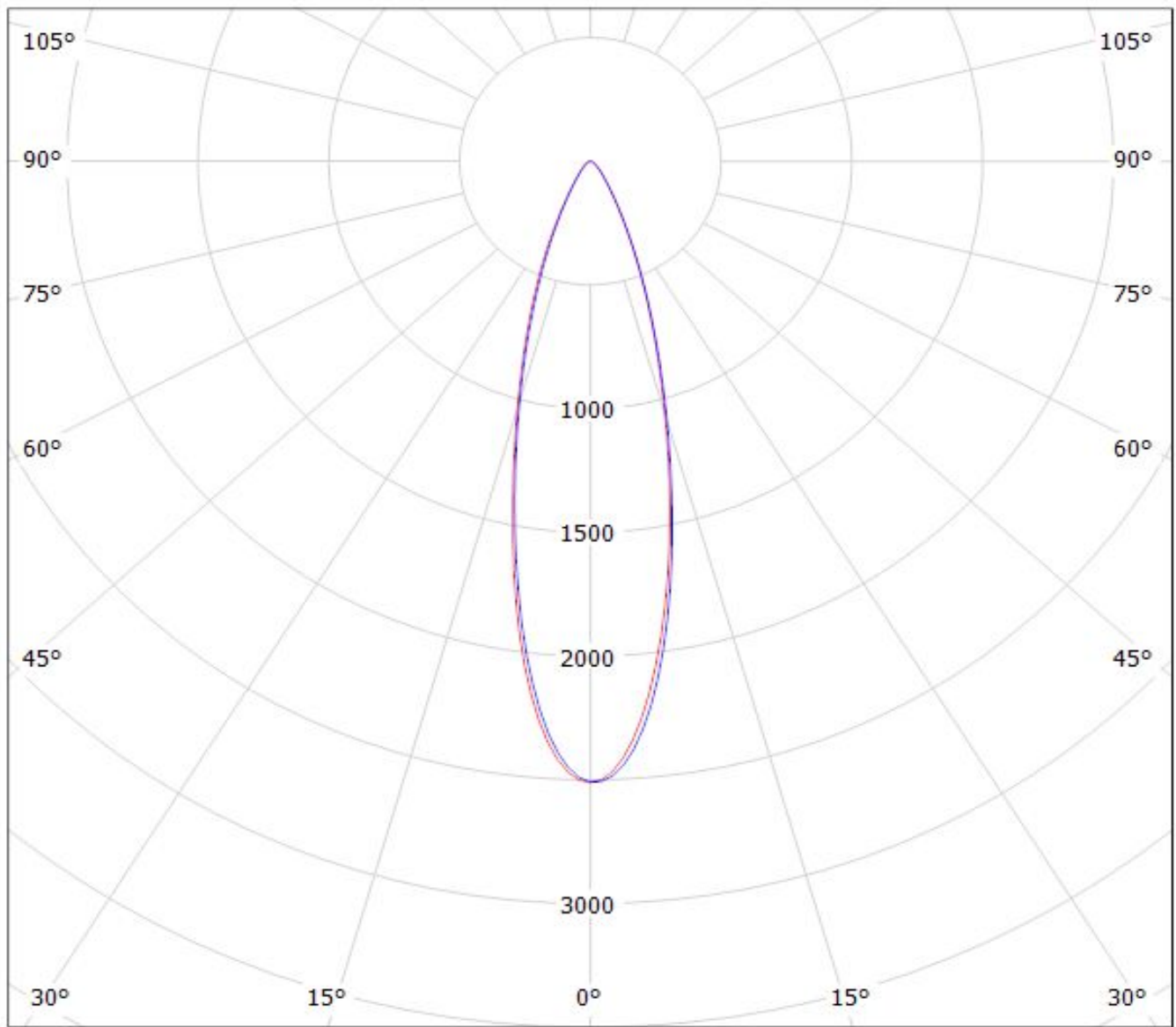


cd/klm

— C0 - C180    — C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy LARISA-M\_NCS19\_(CLIP8&CLIP16) Eff.84.6%  
Lamps: 1 x NCS19 (88.2595lm@250mA)



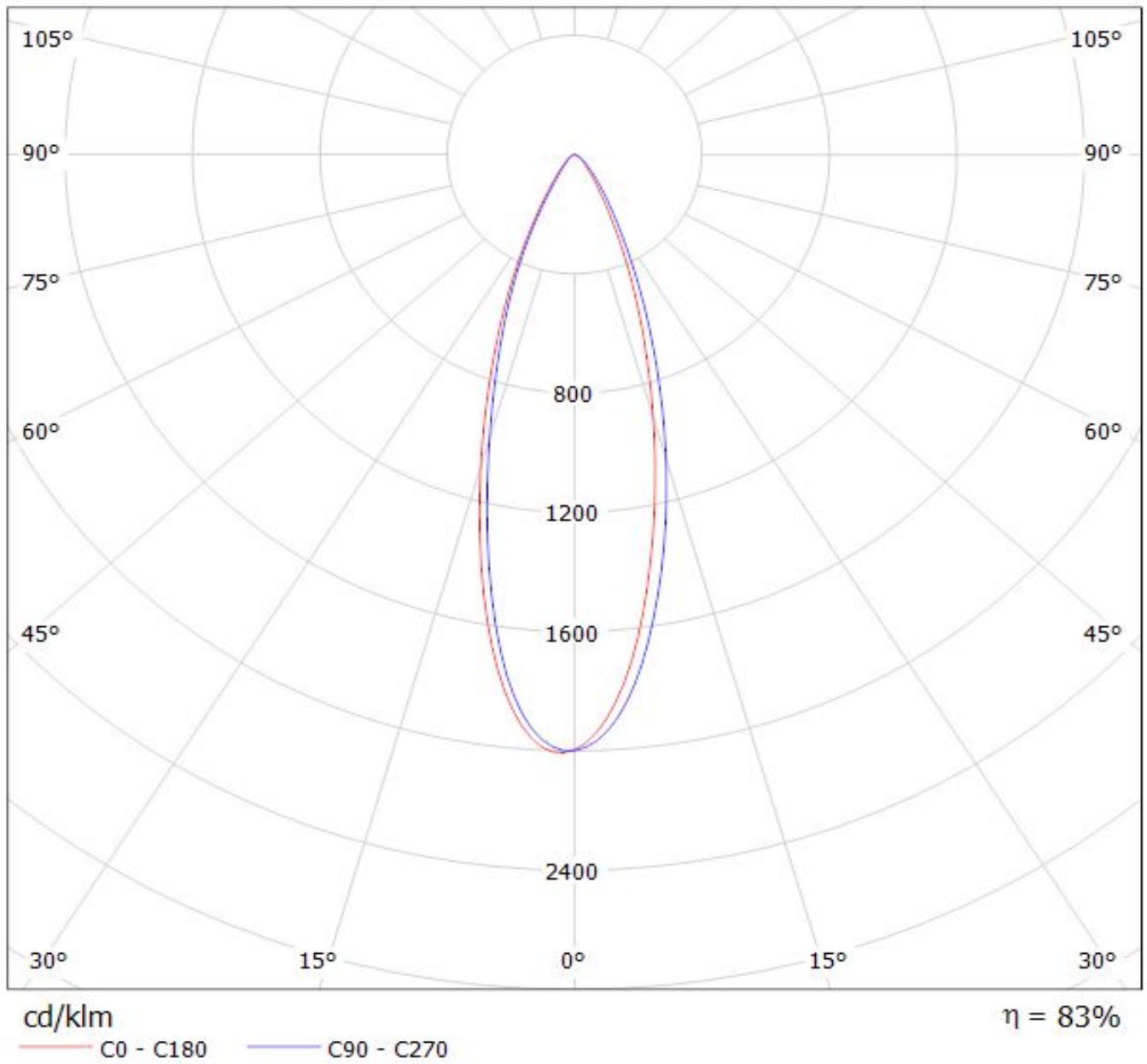
cd/klm

— C0 - C180

— C90 - C270

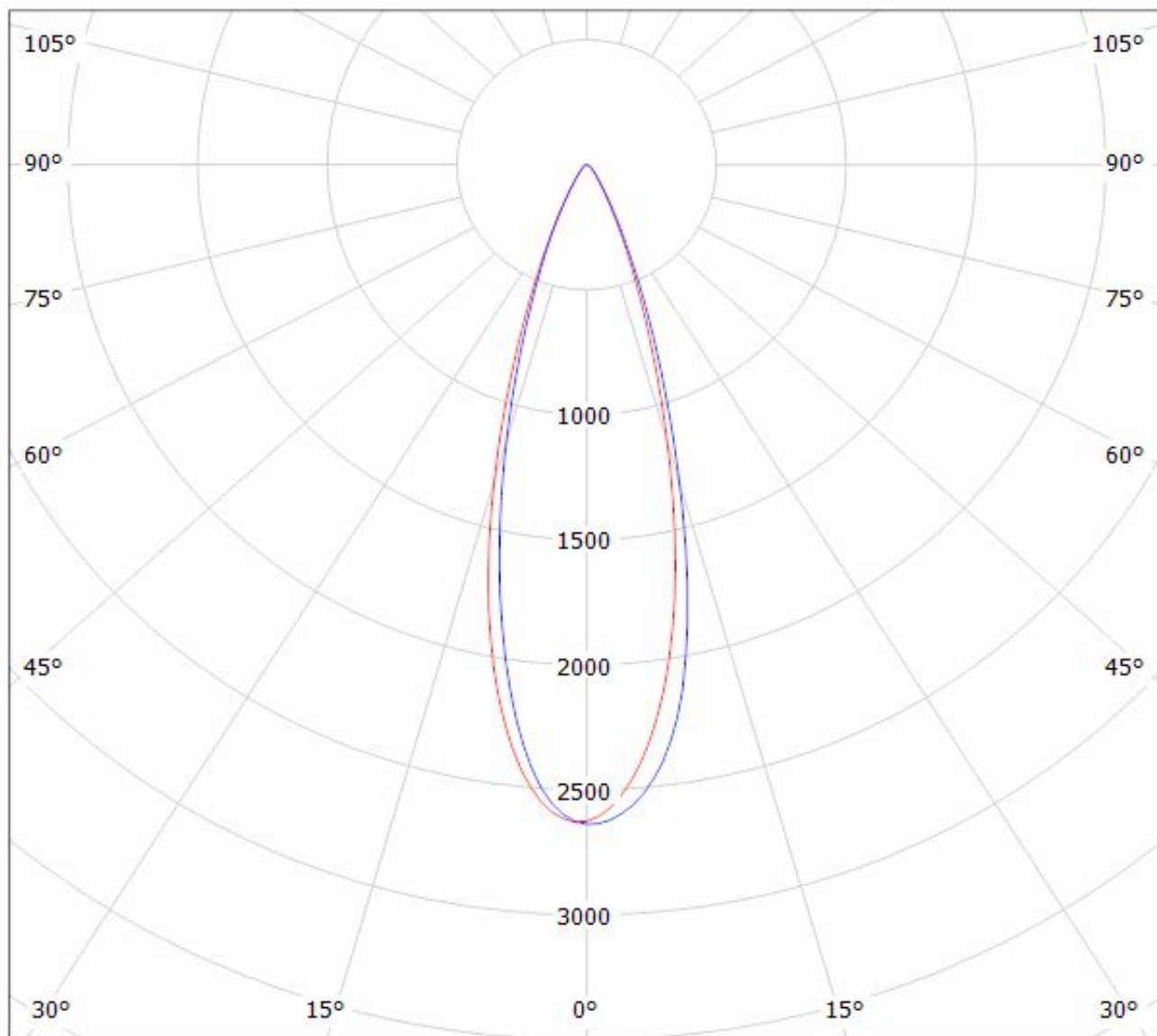
$\eta = 85\%$

Luminaire: LEDiL Oy LARISA-M\_SQ-EC\_(CLIP8&CLIP16) Eff.82.8%  
Lamps: 1 x SQ-EC (64.5379lm@250mA)





Luminaire: LEDiL Oy LARISA-M\_SSL150\_(CLIP8&CLIP16) Eff.87.7%  
Lamps: 1 x SSL150 (71.2649lm@250mA)



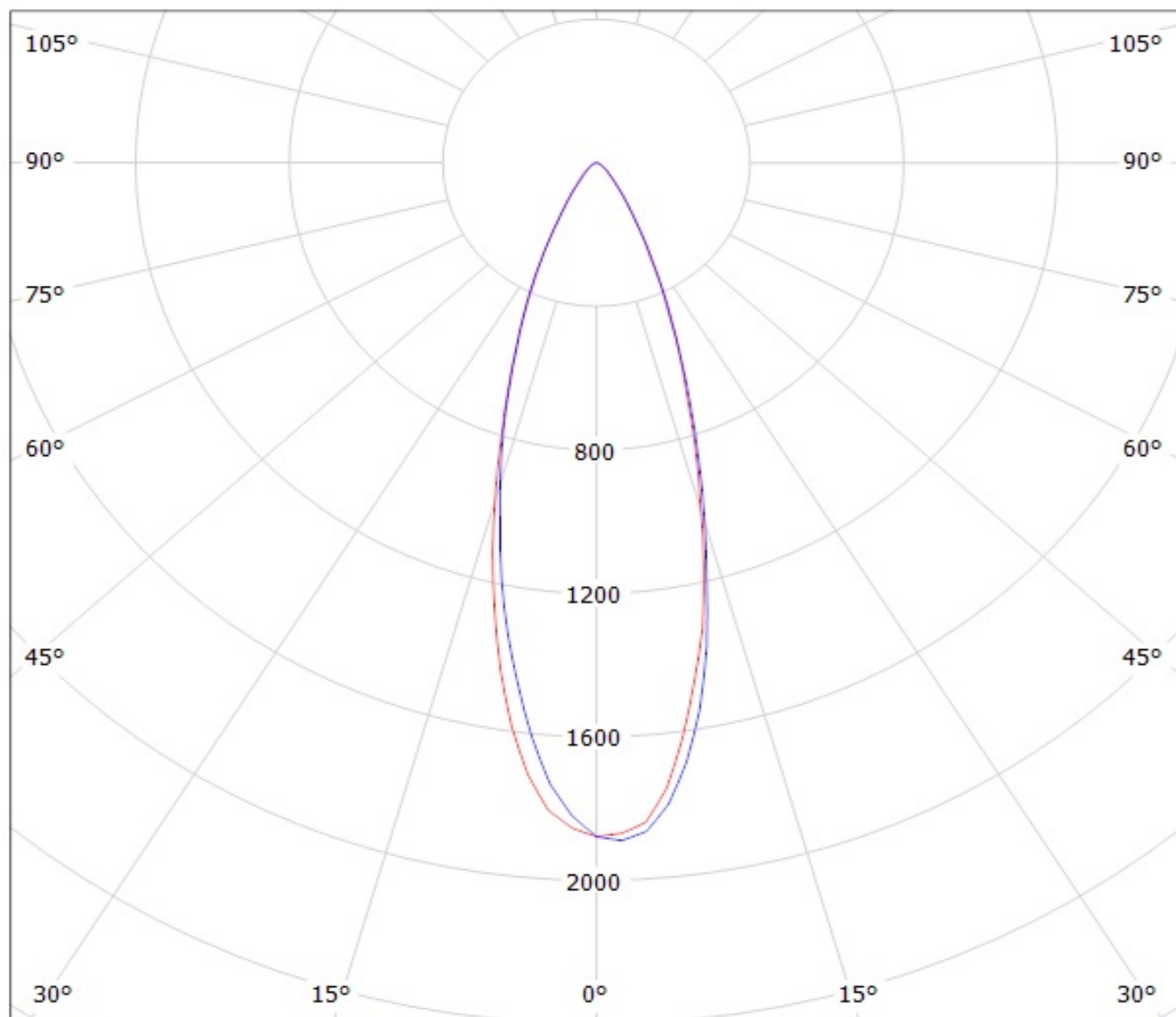
cd/klm

$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy CP12940\_LARISA-M-CLIP8\_(Duris\_S5) Efficiency=80%  
Lamps: 1 x Osram Duris S5 (GWPSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 81\%$

**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.**