

## DETAILS

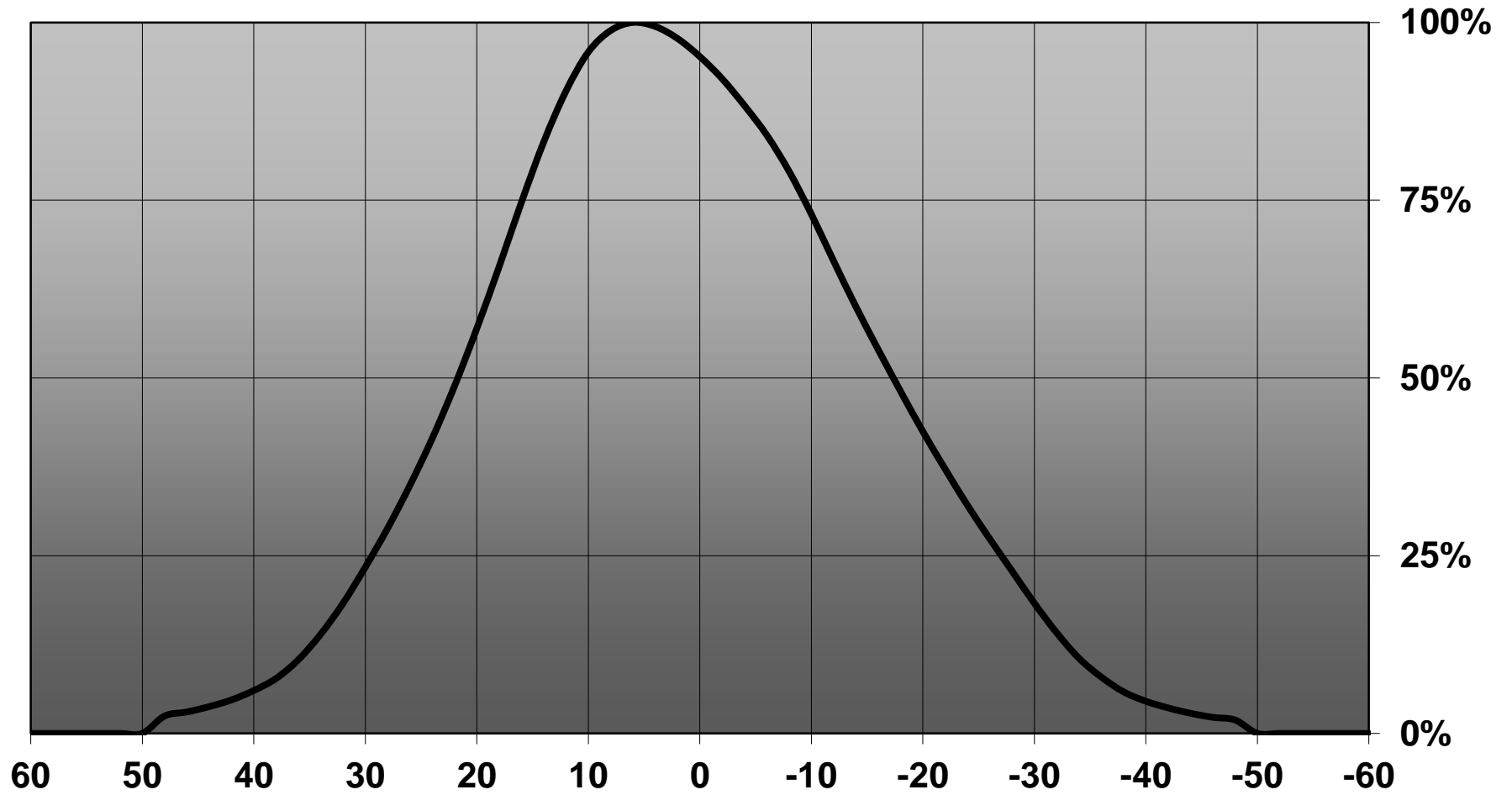
<b>Product Number</b>	CP12944_LARISA-W-CLIP8
<b>Family</b>	Larisa
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	9,9 x 9,9 mm
<b>Height</b>	7,5 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA,PC
<b>Holder Material</b>	
<b>Fastening</b>	glue, clips
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	9/12/2016



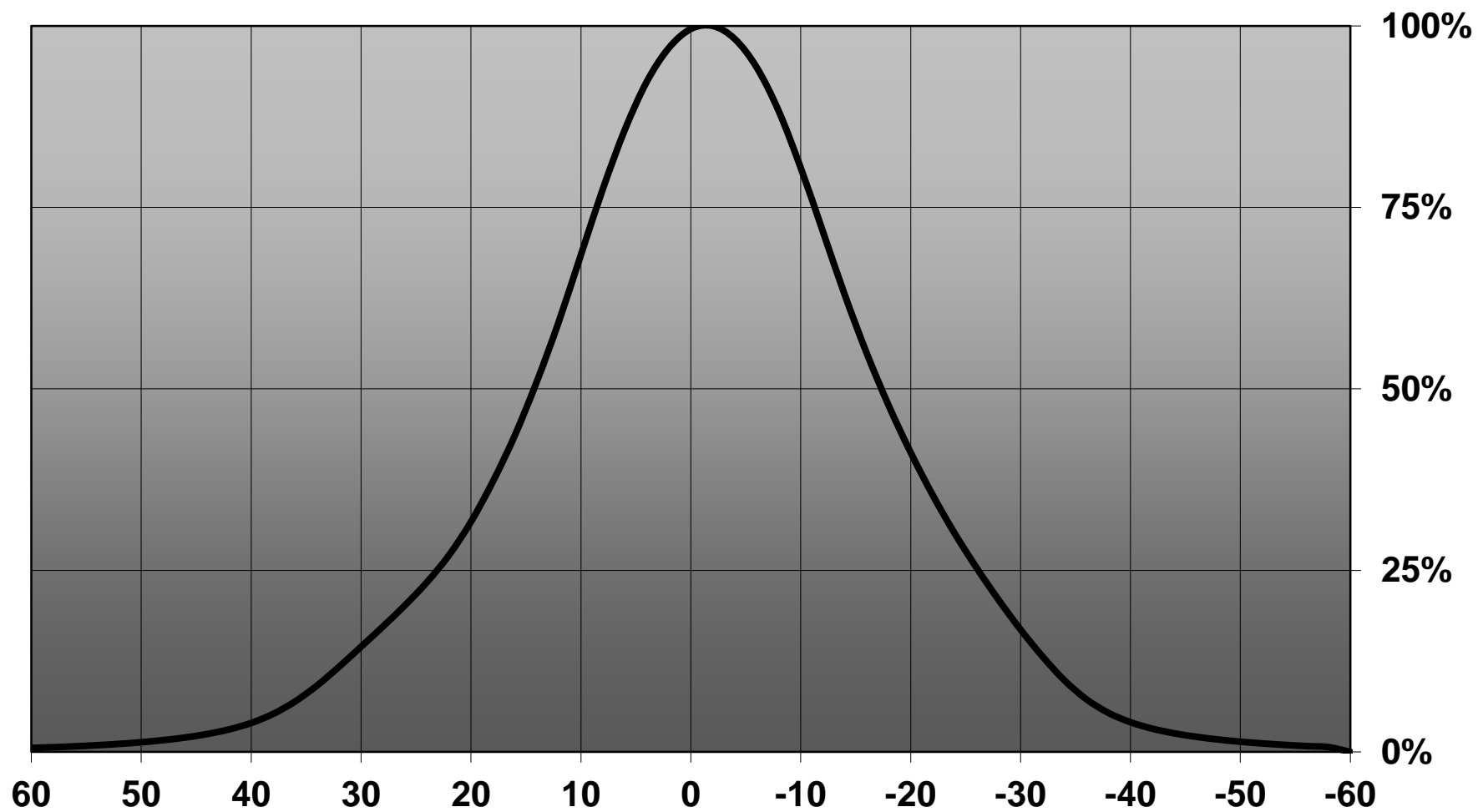
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XB-D	45 deg	Wide	84 %	1.300	-
XQ-E	46 deg	Wide	84 %	1.200	-
XQ-E HI	39 deg	Wide	81 %	1.600	-
H35C0 (LEMWA33)	55 deg	Wide	85 %	1.000	-
LUXEON Rebel ES	52 deg	Wide	87 %	1.100	-
LUXEON Rebel	47 deg	Wide	88 %	1.300	-
LUXEON A	63 deg	Wide	86 %	0.800	-
LUXEON Z	32 deg	Wide	85 %	2.090	-
LUXEON Z ES	37 deg	Wide	88 %	1.740	-
NCSxx19A	39 deg	Wide	85 %	1.500	-
NVSxx19A	45 deg	Wide	84 %	1.200	-
NF2x757A	37 deg	Wide	84 %	1.660	-
NF2x757G	40 deg	Wide	83 %	1.430	-
Oslon Square EC	46 deg	Wide	82 %	1.100	-
Oslon SSL 150	55 deg	Wide	86 %	1.200	-
Duris S5 (2 chip)	41 deg	Wide	85 %	1.500	-
Oslon SSL 80	sim: 49	Wide	sim: 83 %	sim: 1.160	-

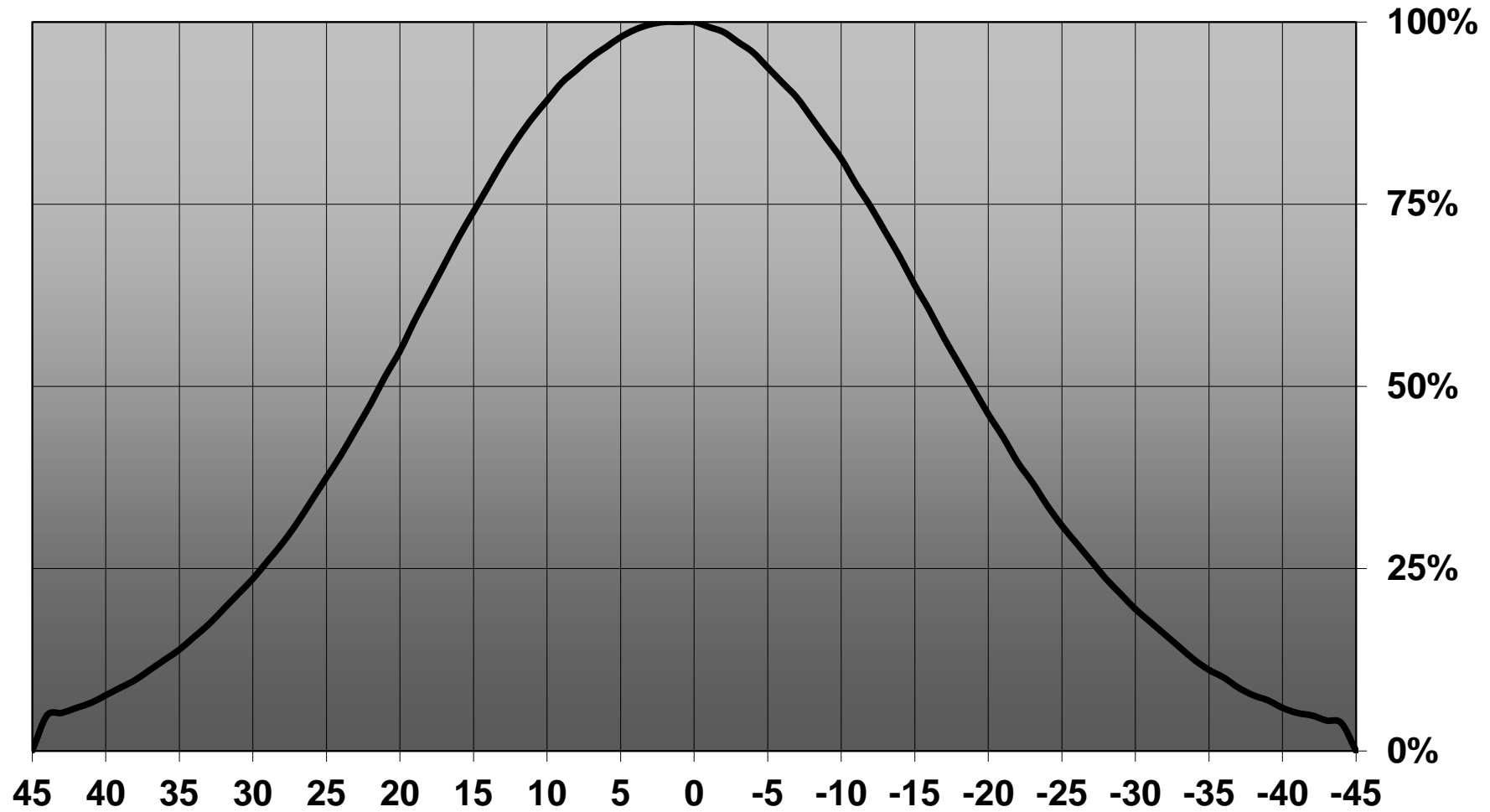
Relative intensity of CP12944\_LARISA-W-CLIP8\_(XQ-E\_HI)



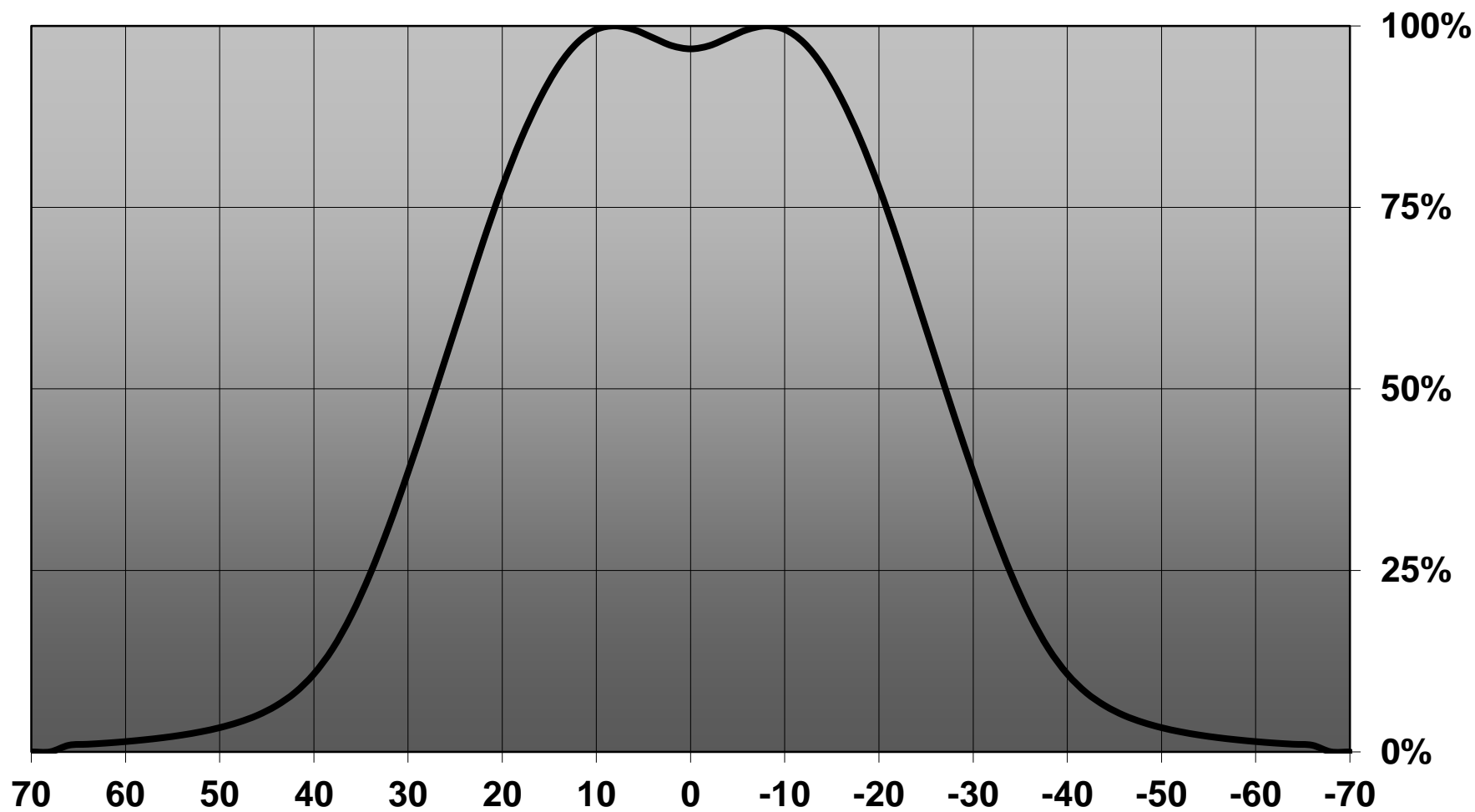
Relative intensity of CP12944\_LARISA-W-CLIP8\_(Luxeon Z)



Relative intensity of CP12944\_LARISA-W-CLIP8\_(NF2757G)



**Relative intensity of LARISA-W CLIP8&CLIP16 (SSL150)**



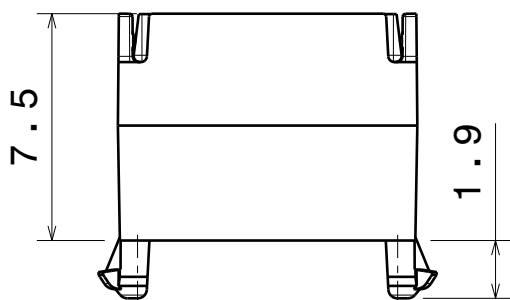
D

C

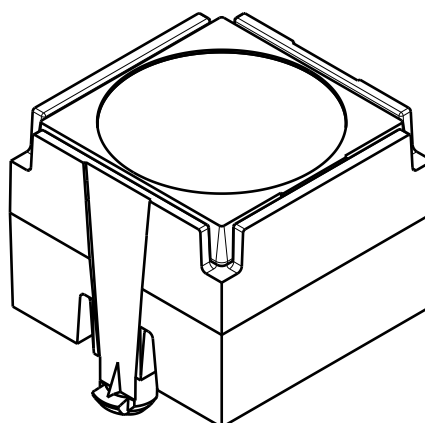
B

A

4

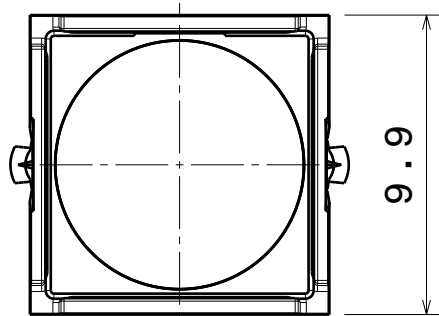


Front view

Isometric view  
Scale: 4:1

3

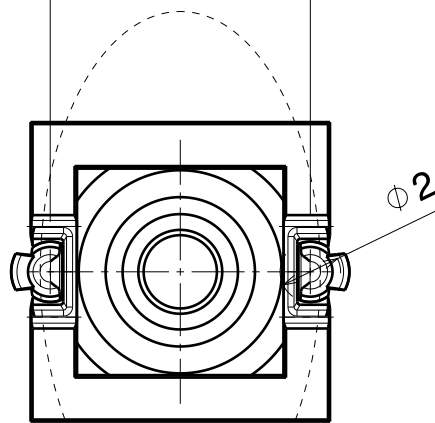
9.9



Top view

8.6

c / c



Bottom view

Oval beam direction

2

2

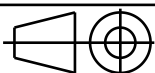
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LARISA lens	PMMA	
2	C12907	LARISA-HOLDER-CLIP8	PC	black

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

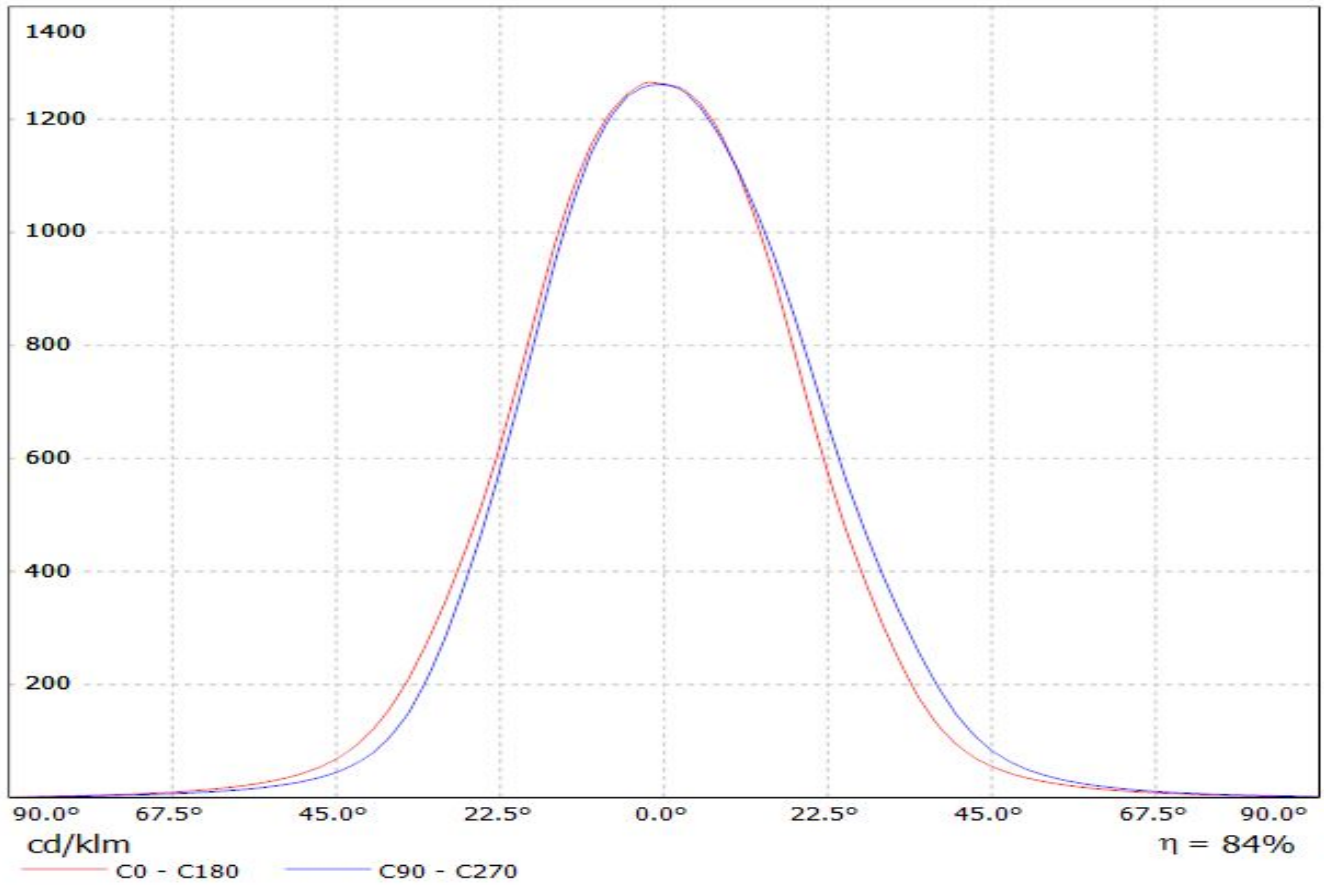
1

1

D

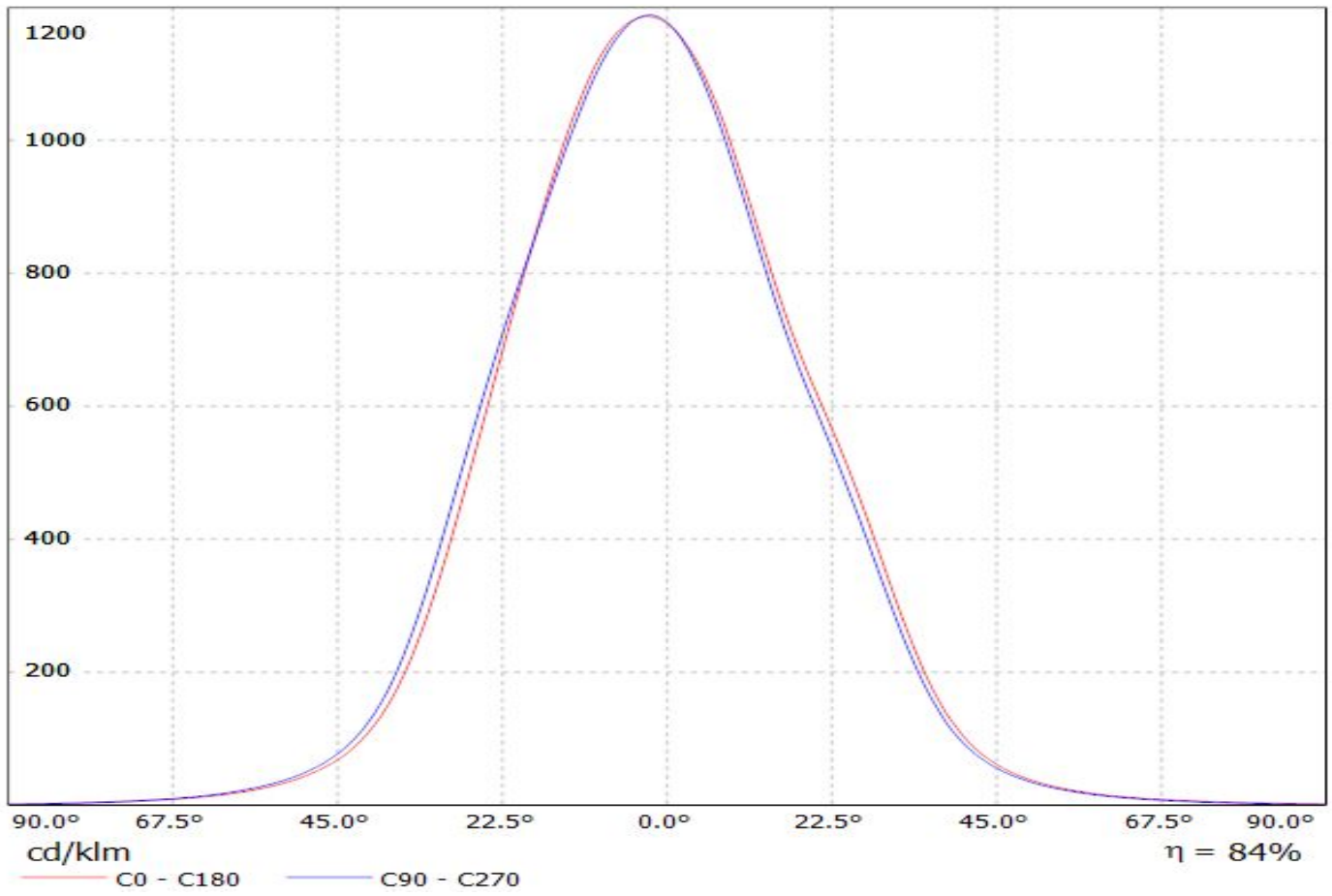
A

Luminaire: LEDIL OY CP12944&CP12945\_LARISA-W\_(XB-D) Eff.84%  
Lamps: 1 x XB-D (91.55lm@250mA)



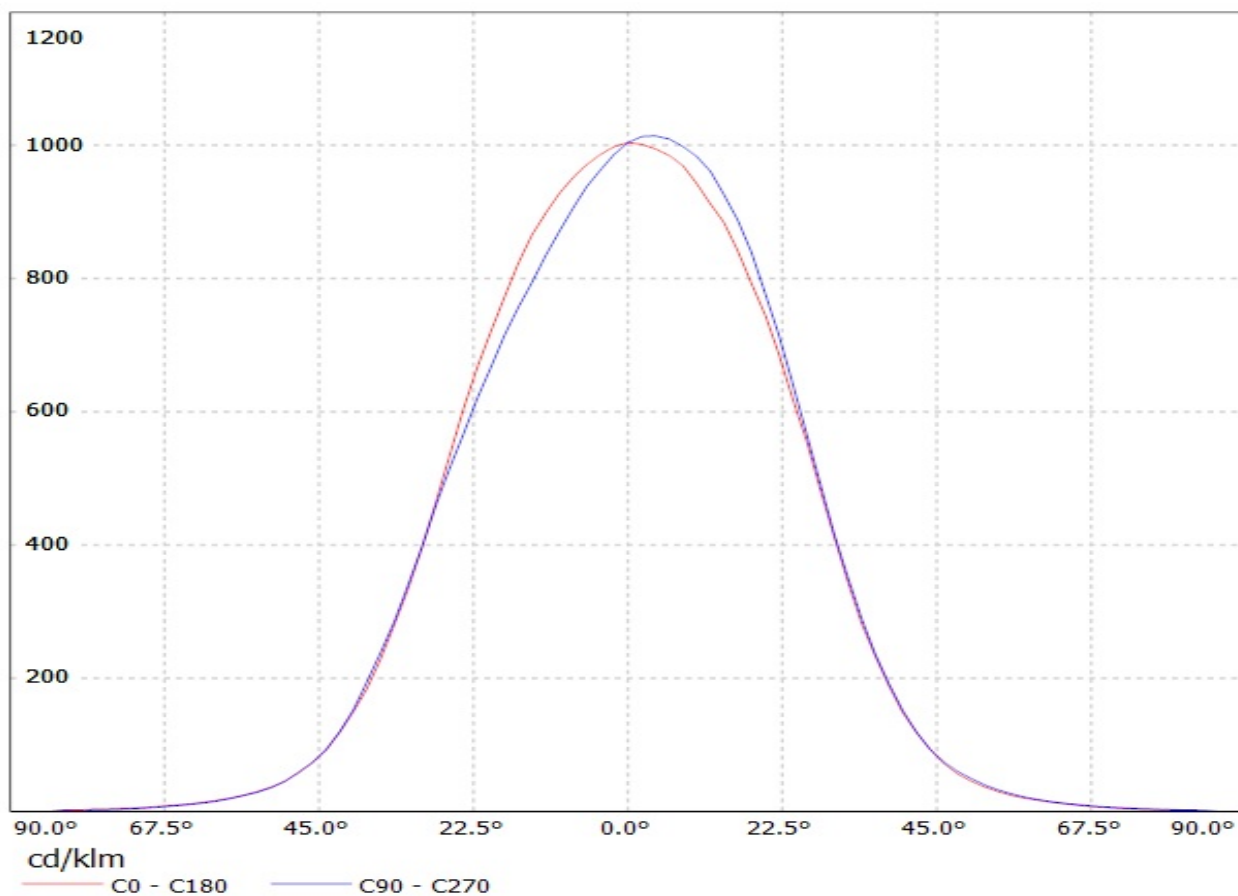
Luminaire: LEDiL Oy CP12944\_LARISA-W-CLIP8\_(XQ-E)

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

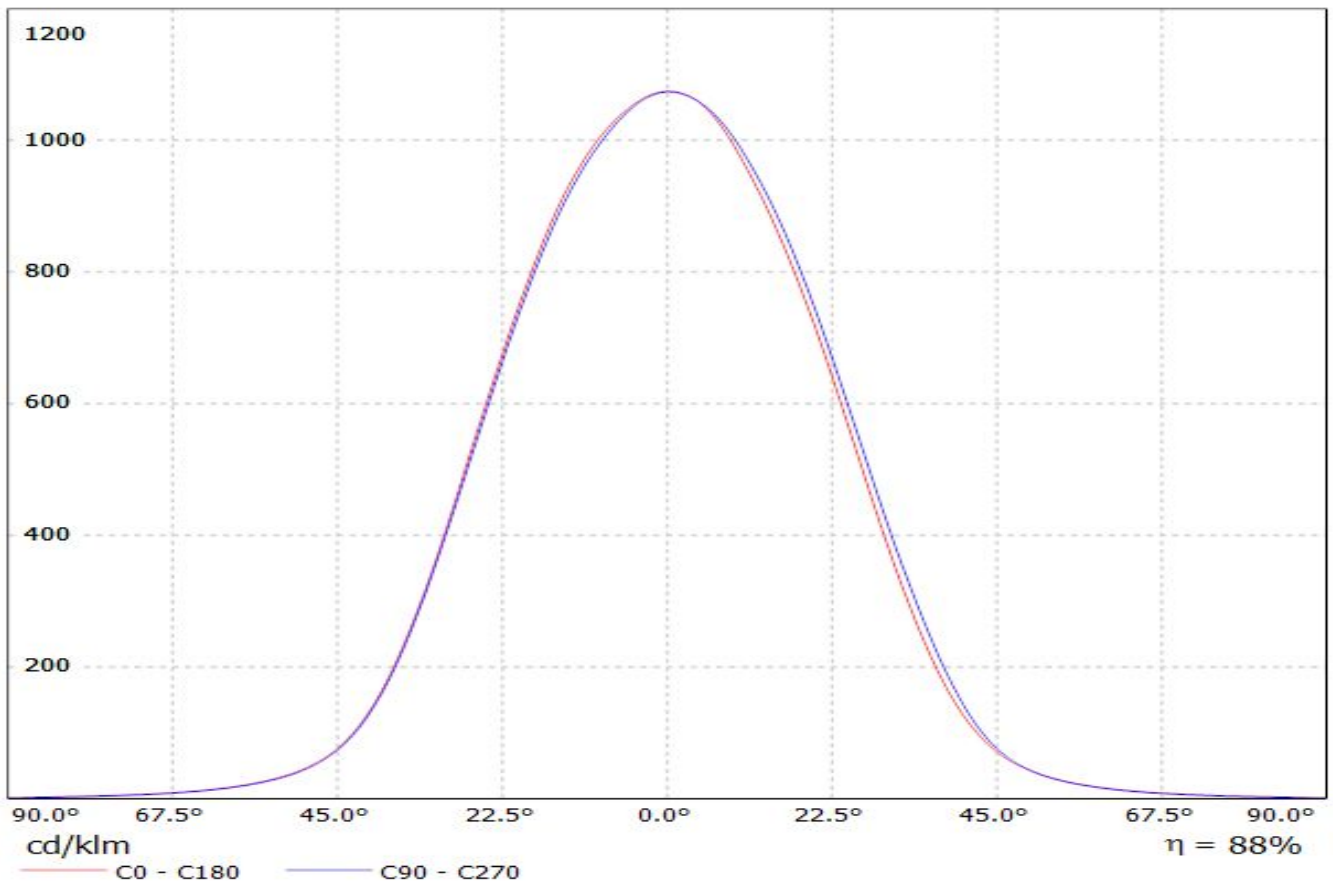




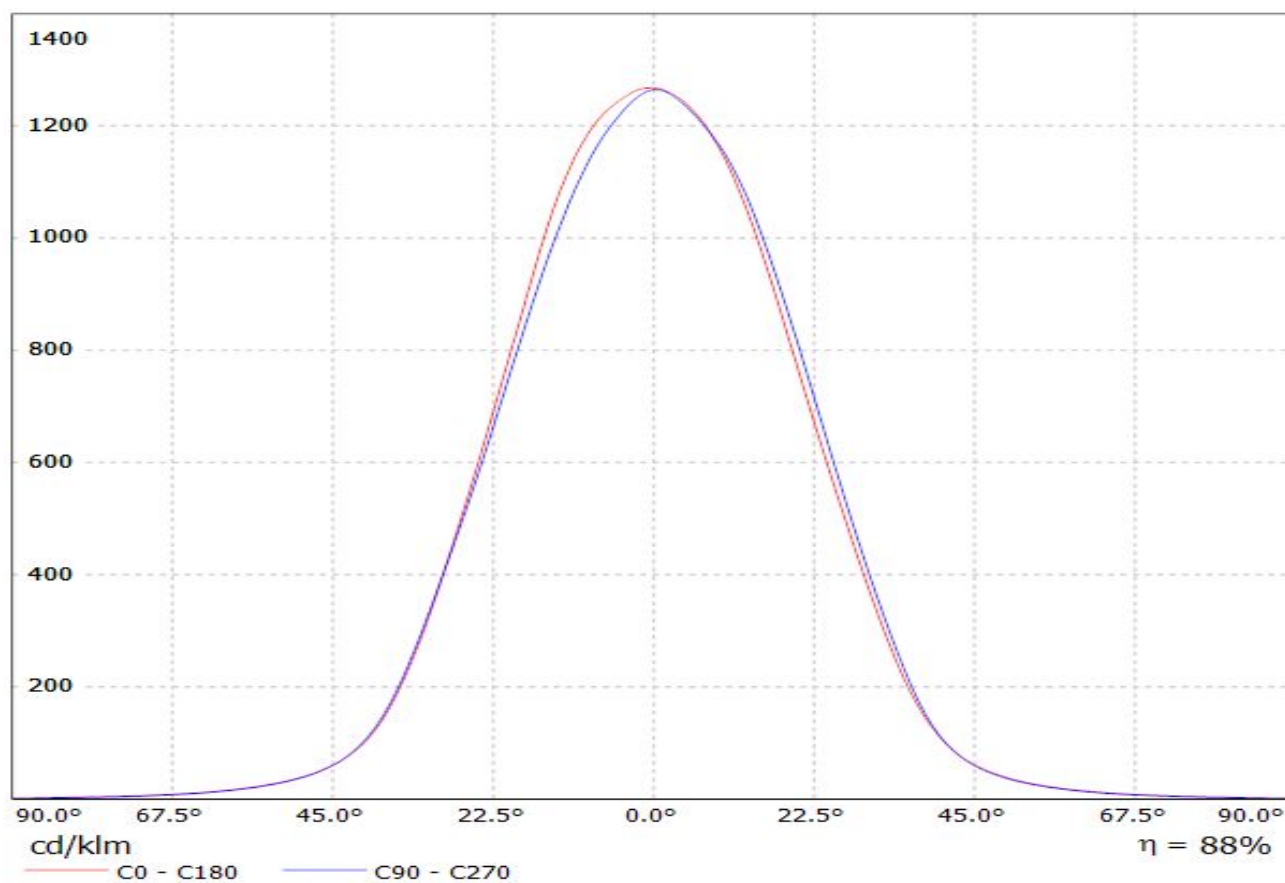
Luminaire: Ledil Oy CP12944\_LARISA-W-CLIP8\_(3535-3W) Efficiency=85%  
Lamps: 1 x LG 3535 Ceramic 3W (LEMWA33) 96lm@250mA CCT=6500K P=0.7W I=250mA



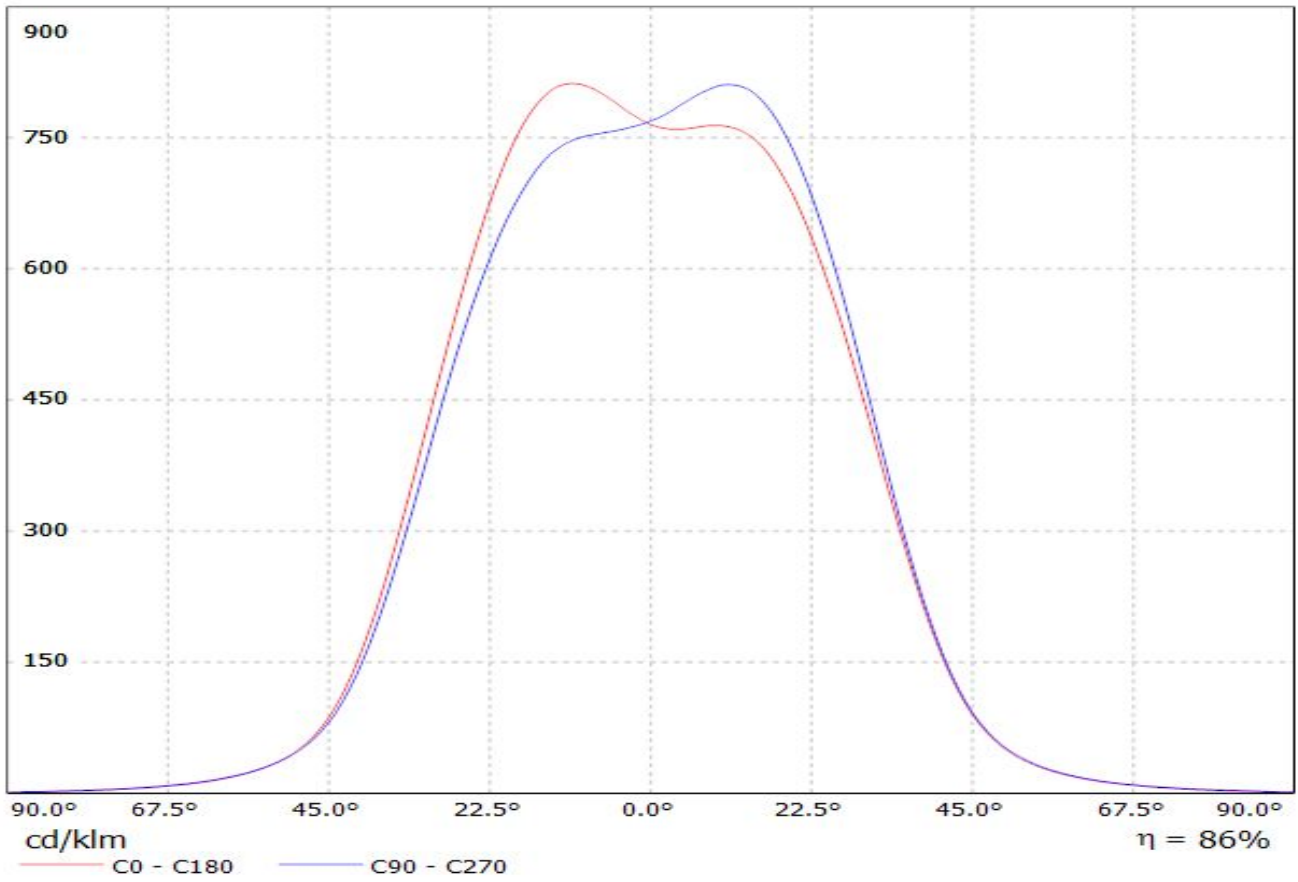
Luminaire: LEDiL Oy LARISA-W\_Rebel-ES\_(CLIP8&CLIP16) Eff.87.5%  
Lamps: 1 x Rebel ES (89.842lm@250mA)



Luminaire: LEDiL Oy LARISA-W\_Rebel\_(CLIP8CLIP16) Eff.88.4%  
Lamps: 1 x Rebel (80.8775lm@250mA)

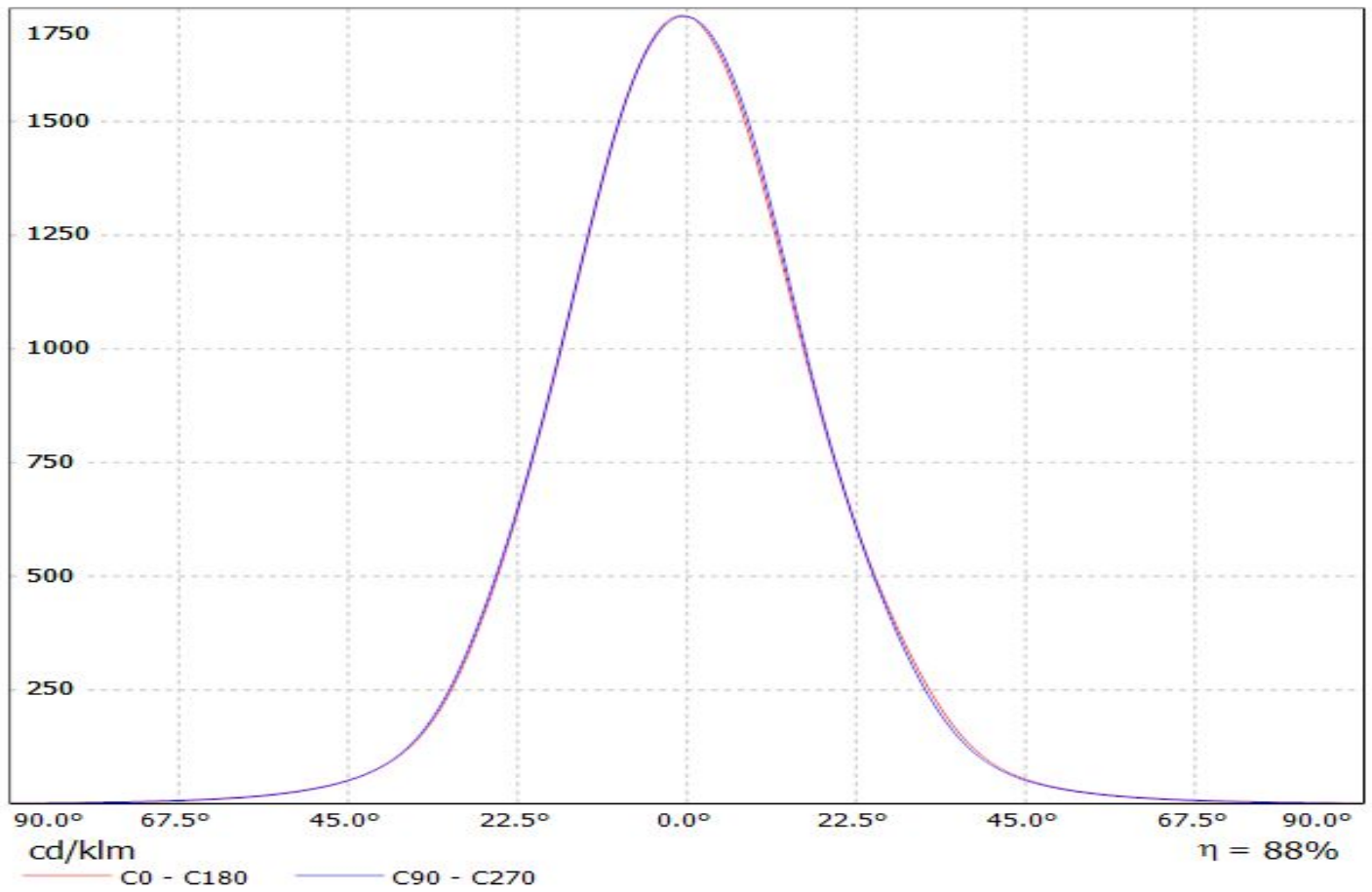


Luminaire: LEDiL Oy LARISA-W\_Luxeon\_A\_(CLIP8&CLIP16)) Eff.86.2%  
Lamps: 1 x Luxeon A (66.8723lm@250mA)

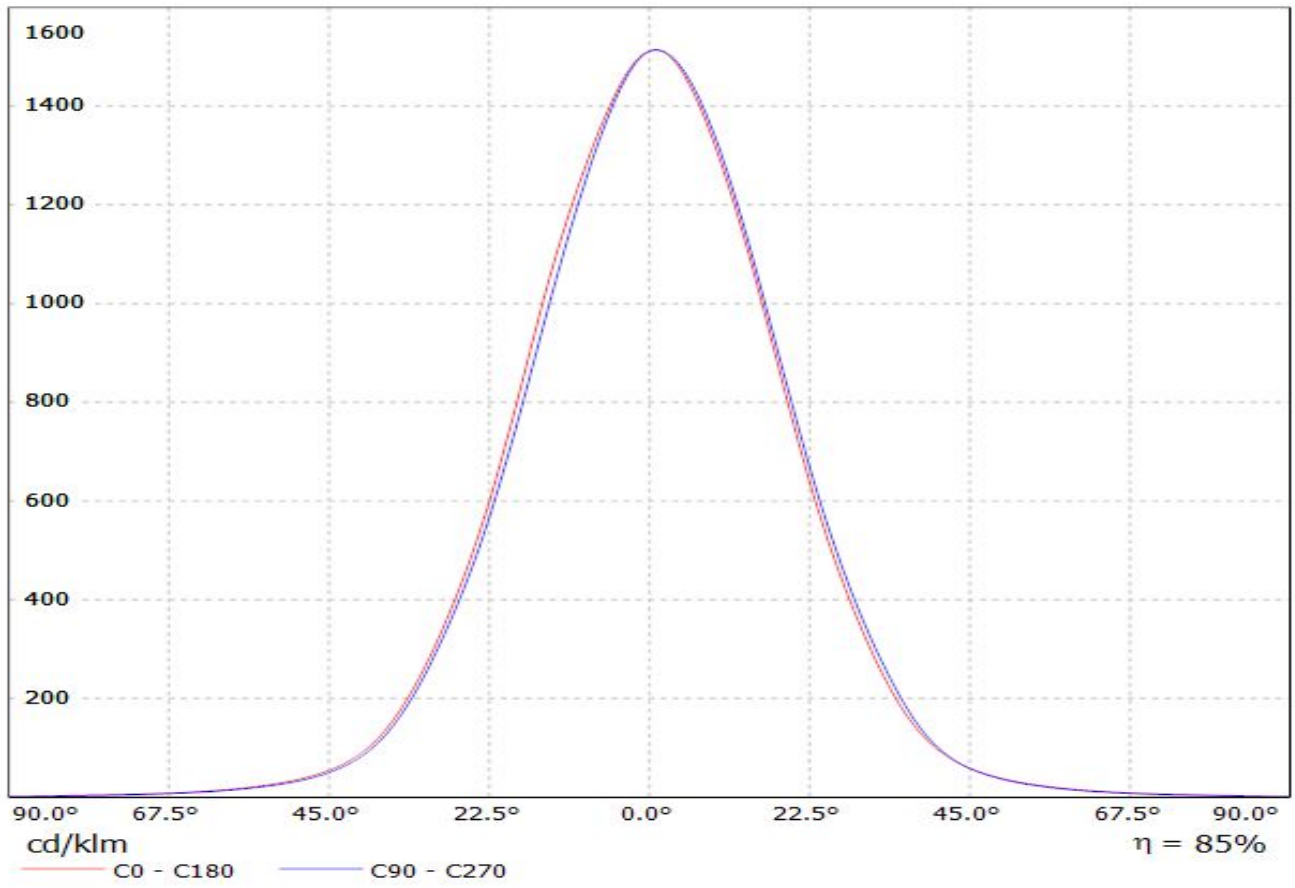


Luminaire: LEDiL Oy CP12944\_LARISA-W-CLIP8\_(Luxeon\_Z\_ES)

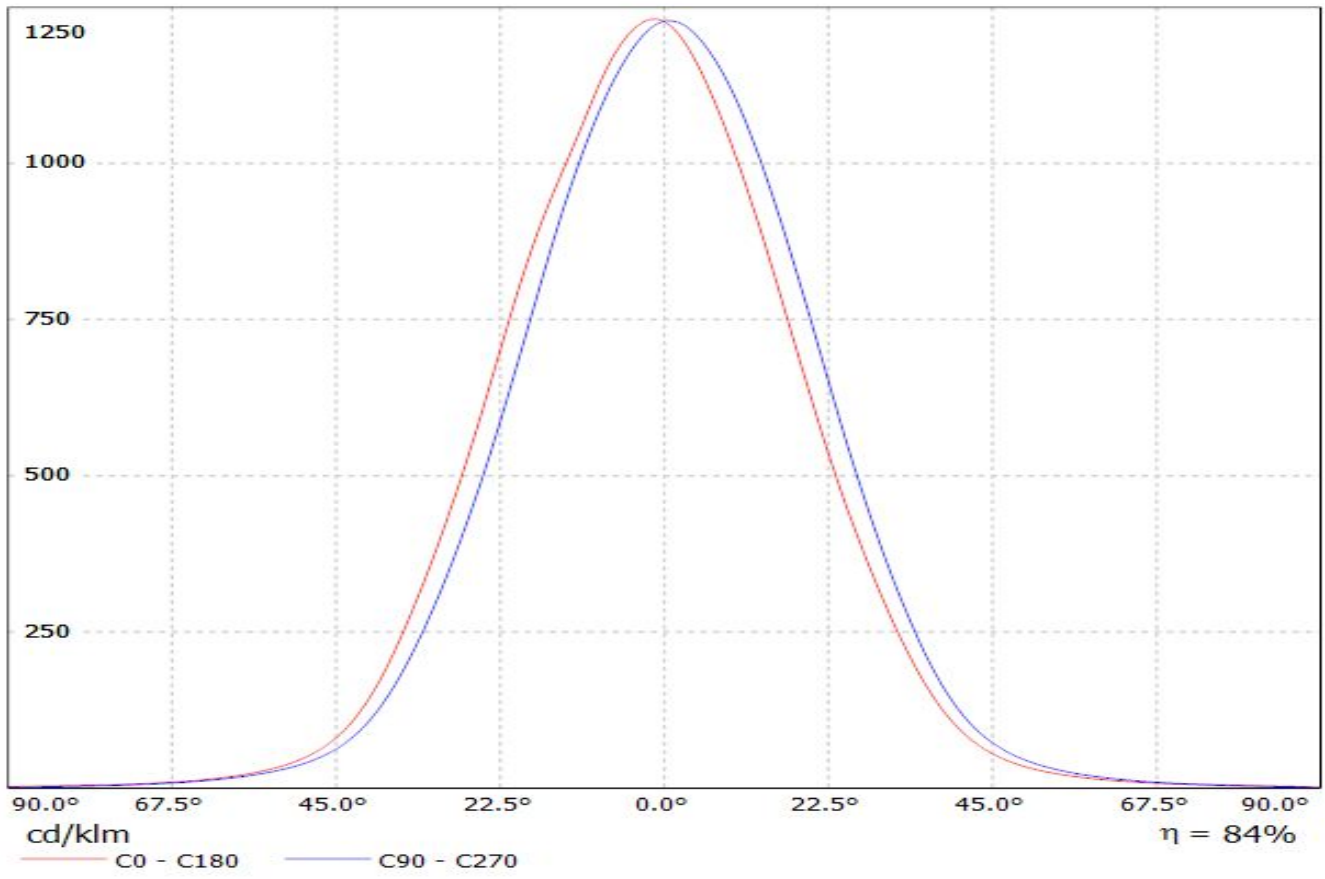
Lamps: 1 x Philips\_Lumileds\_Luxeon\_Z\_ES\_(LXZ2-2790)\_51.1518lm@250mA\_P=0.73718W\_I=249.9mA



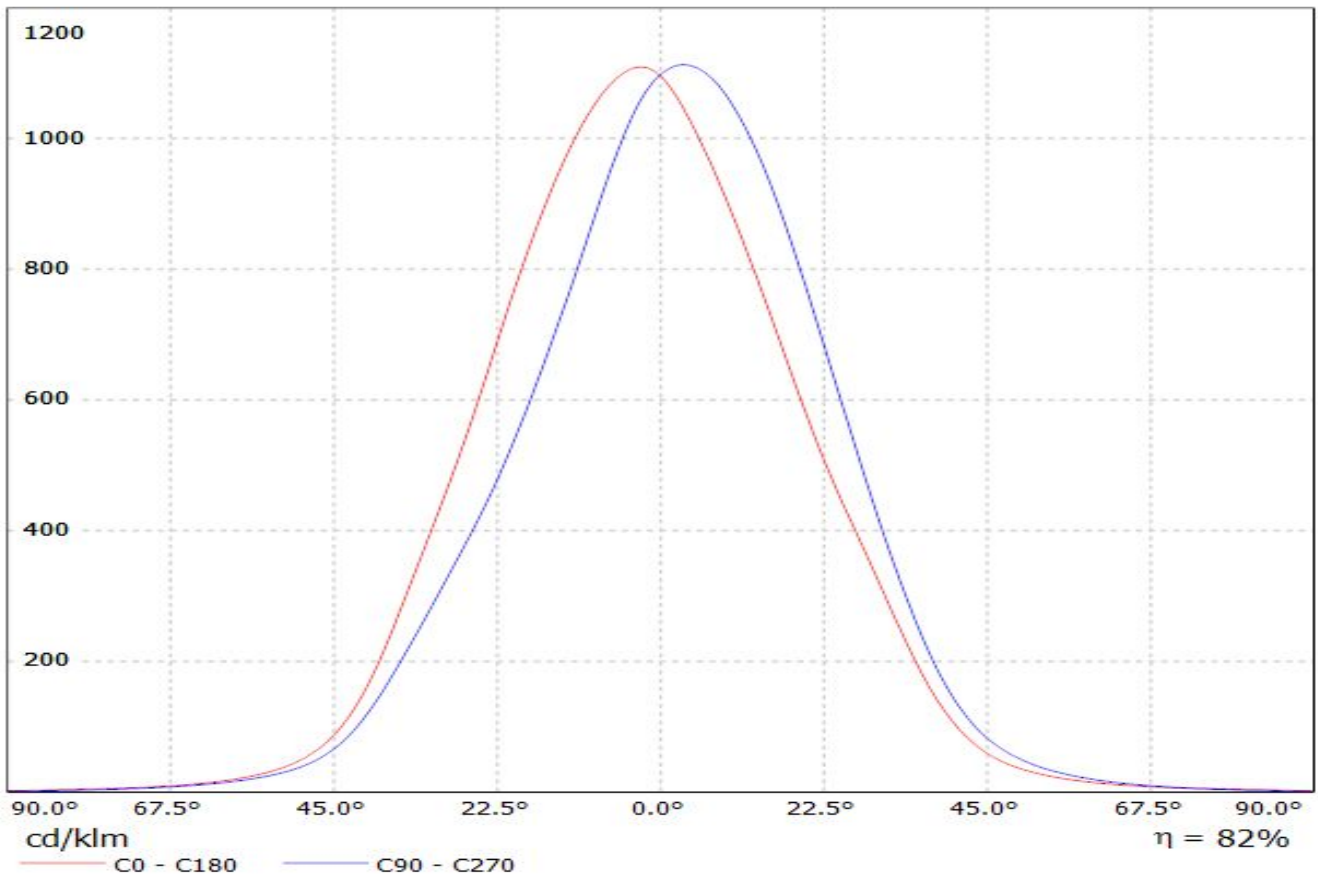
Luminaire: LEDiL Oy LARISA-W\_NCS19\_(CLIP8&CLIP16) Eff.84.7%  
Lamps: 1 x NCS19 (88.2595lm@250mA)



Luminaire: LEDiL Oy LARISA-W\_NV519\_(CLIP8&CLIP16) Eff.84.0%  
Lamps: 1 x NV519 (97.9644lm@250mA)

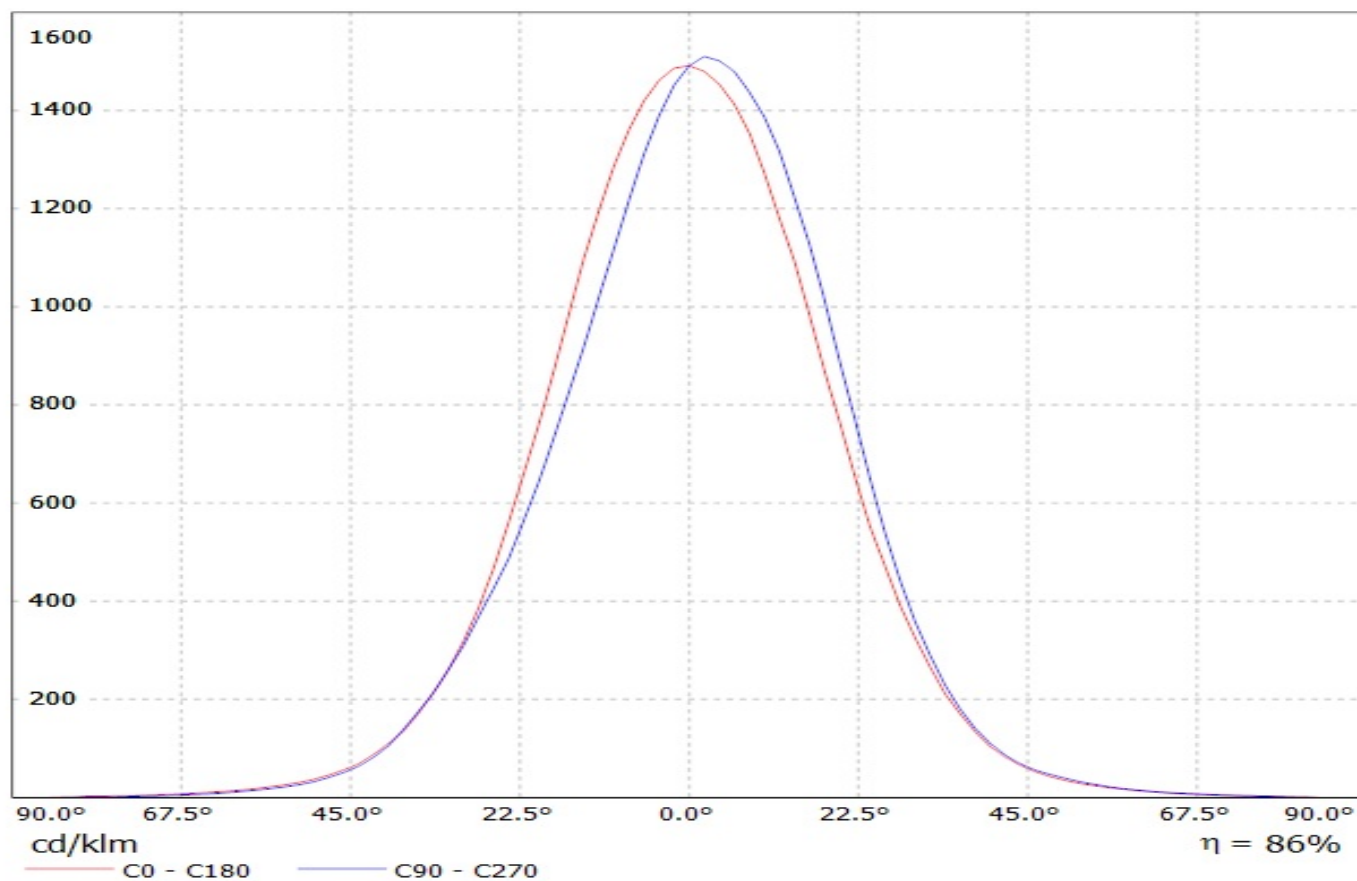


Luminaire: LEDiL Oy LARISA-W\_SQ-EC\_(CLIP8&CLIP16) Eff.81.8%  
Lamps: 1 x SQ-EC (64.5379lm@250mA)

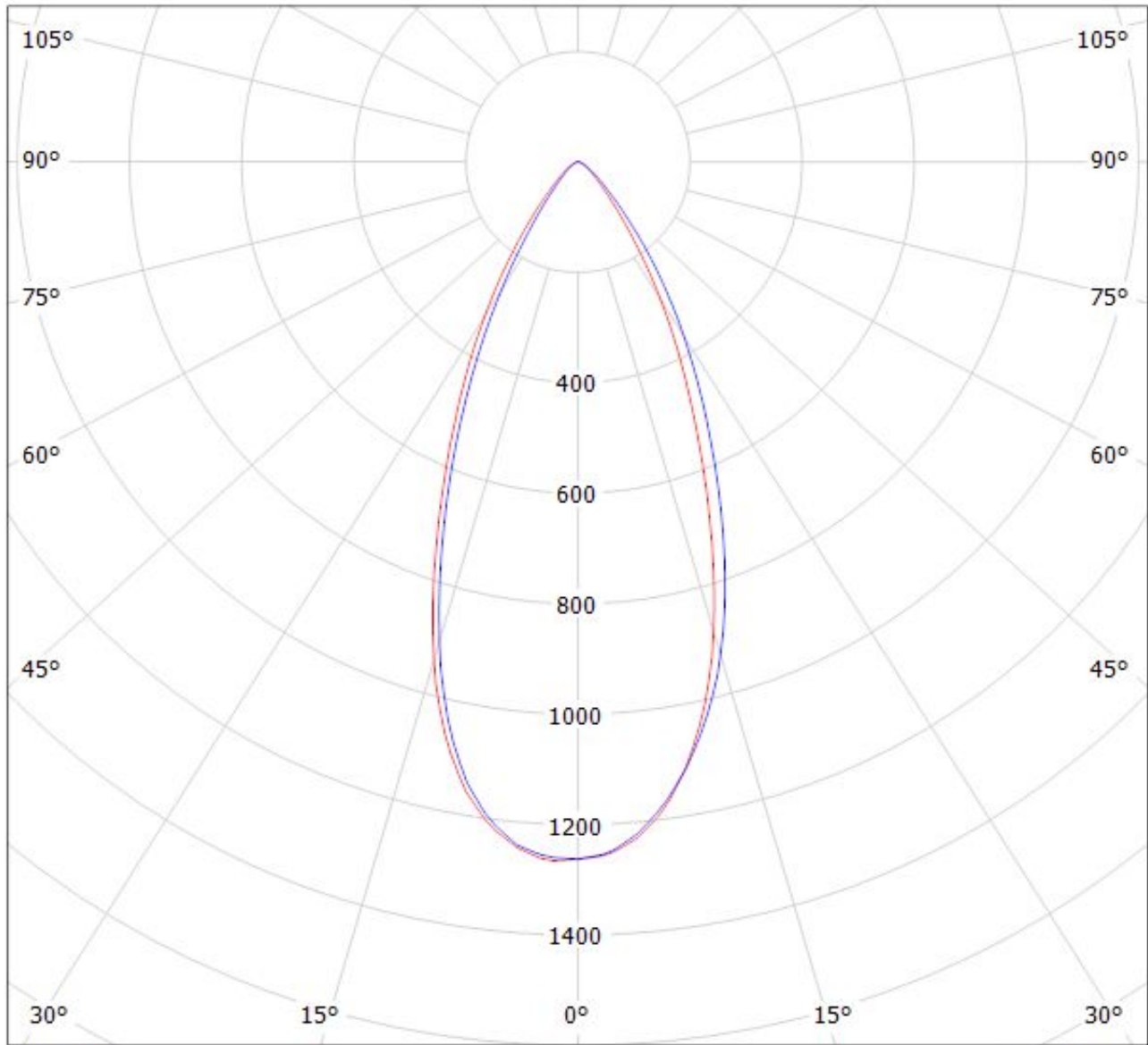




Luminaire: LEDil Oy CP12944\_LARISA-W-CLIP8\_(DURIS\_S5) Efficiency=85%  
Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



Luminaire: LEDIL OY CP12944&CP12945\_LARISA-W\_(XB-D) Eff.84%  
Lamps: 1 x XB-D (91.55lm@250mA)



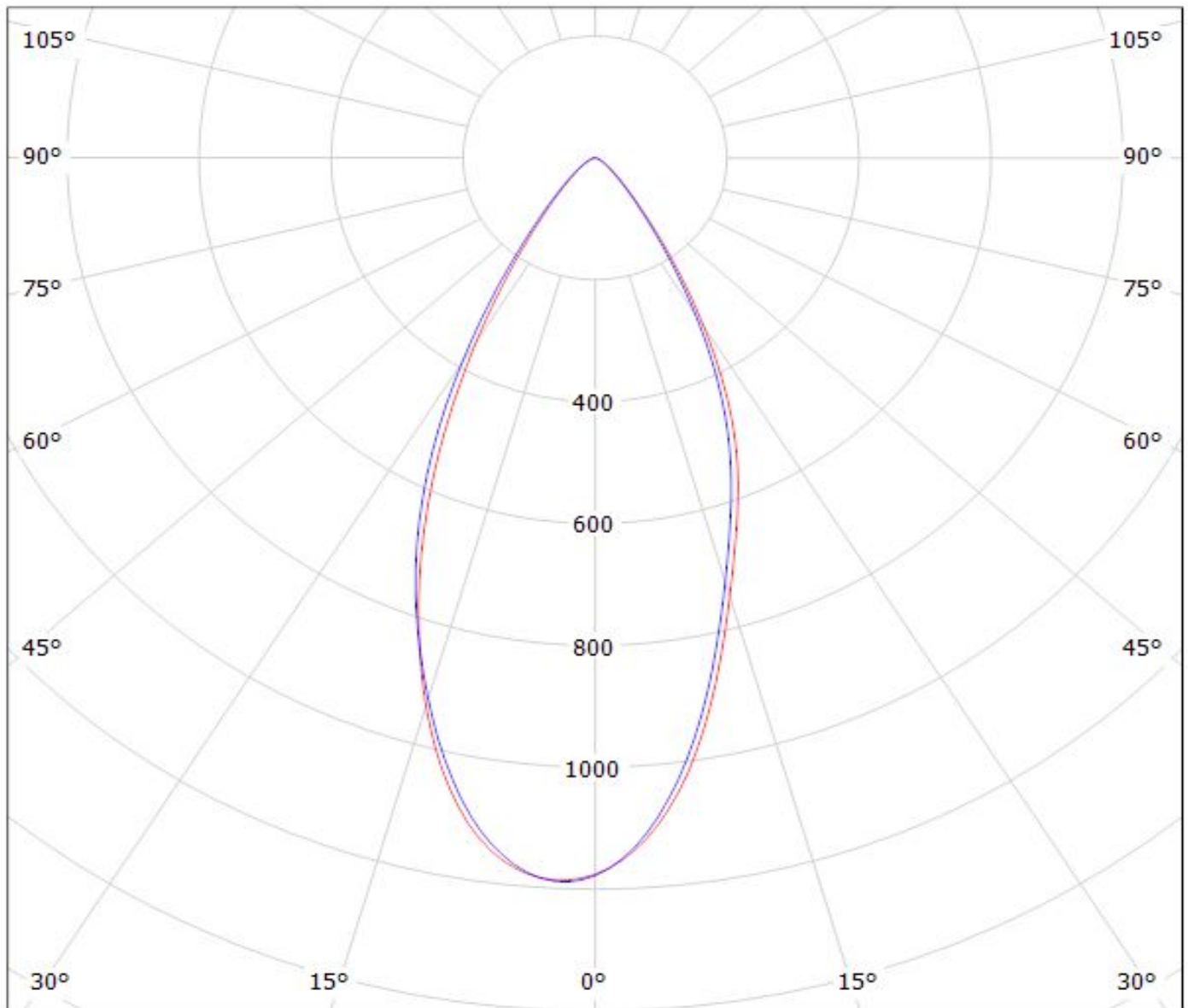
cd/klm

— C0 - C180    — C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy CP12944\_LARISA-W-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

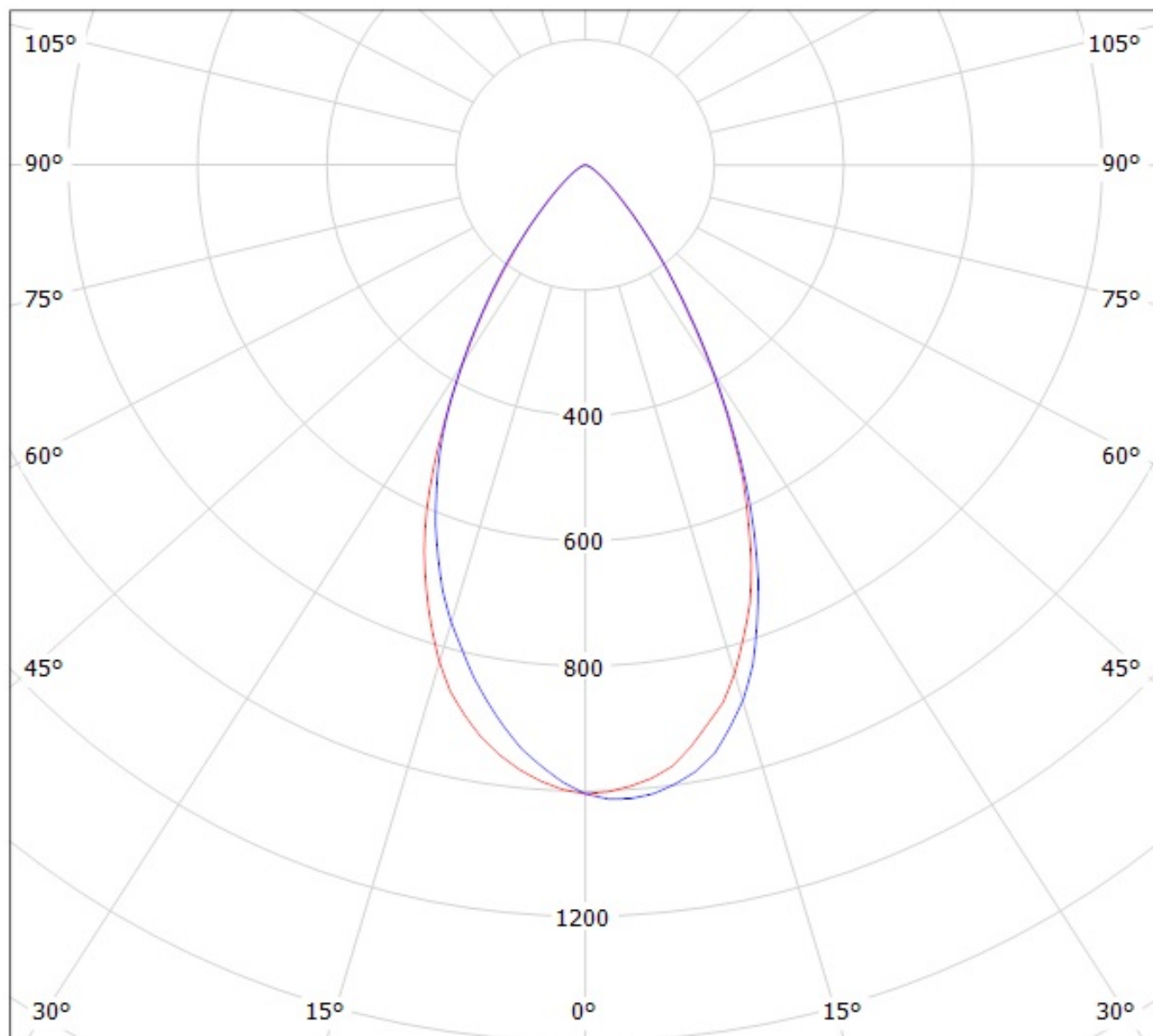
— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: Ledil Oy CP12944\_LARISA-W-CLIP8\_(3535-3W) Efficiency=85%

Lamps: 1 x LG 3535 Ceramic 3W (LEMWA33) 96lm@250mA CCT=6500K P=0.7W I=250mA

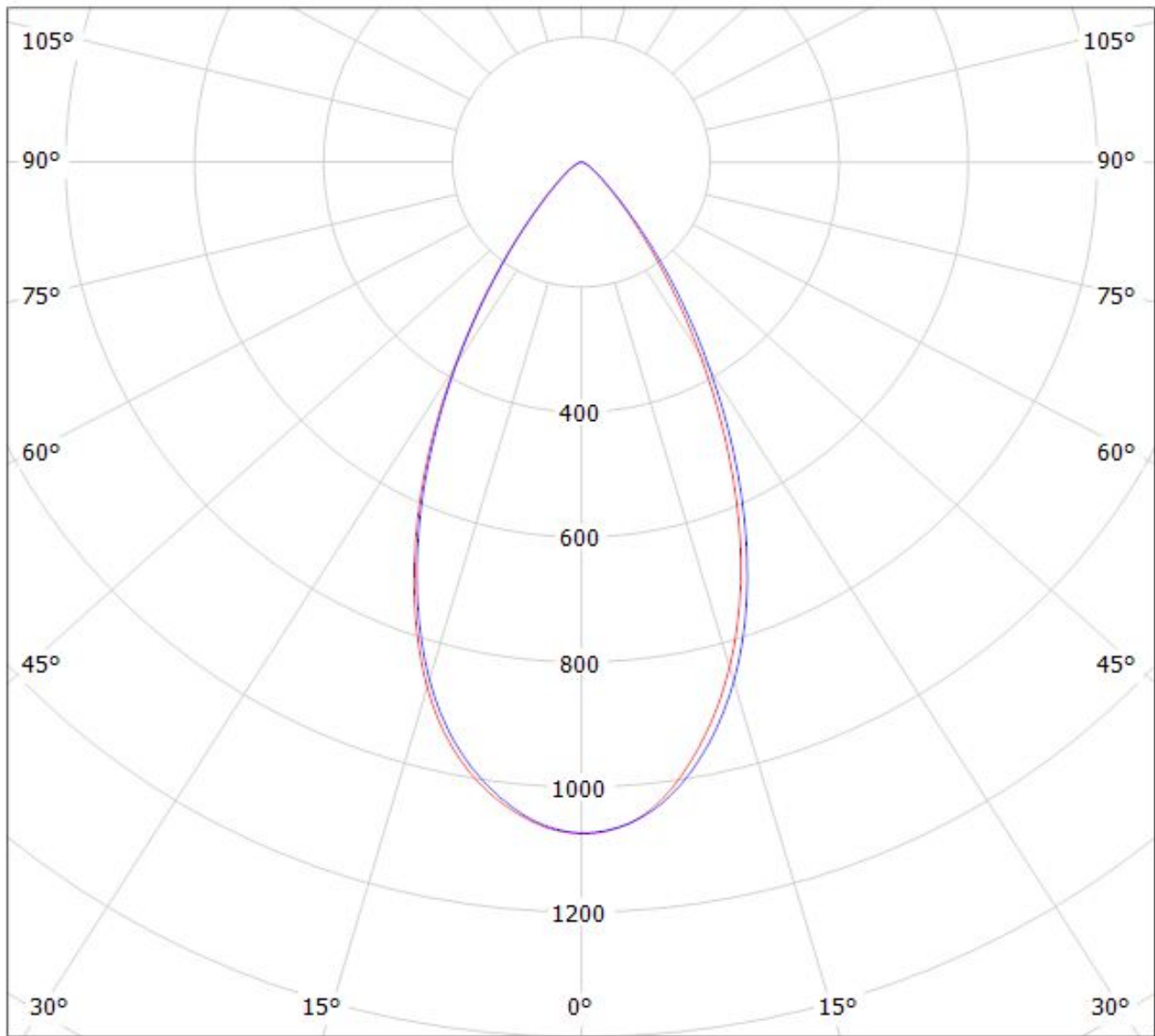


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy LARISA-W\_Rebel-ES\_(CLIP8&CLIP16) Eff.87.5%  
Lamps: 1 x Rebel ES (89.842lm@250mA)



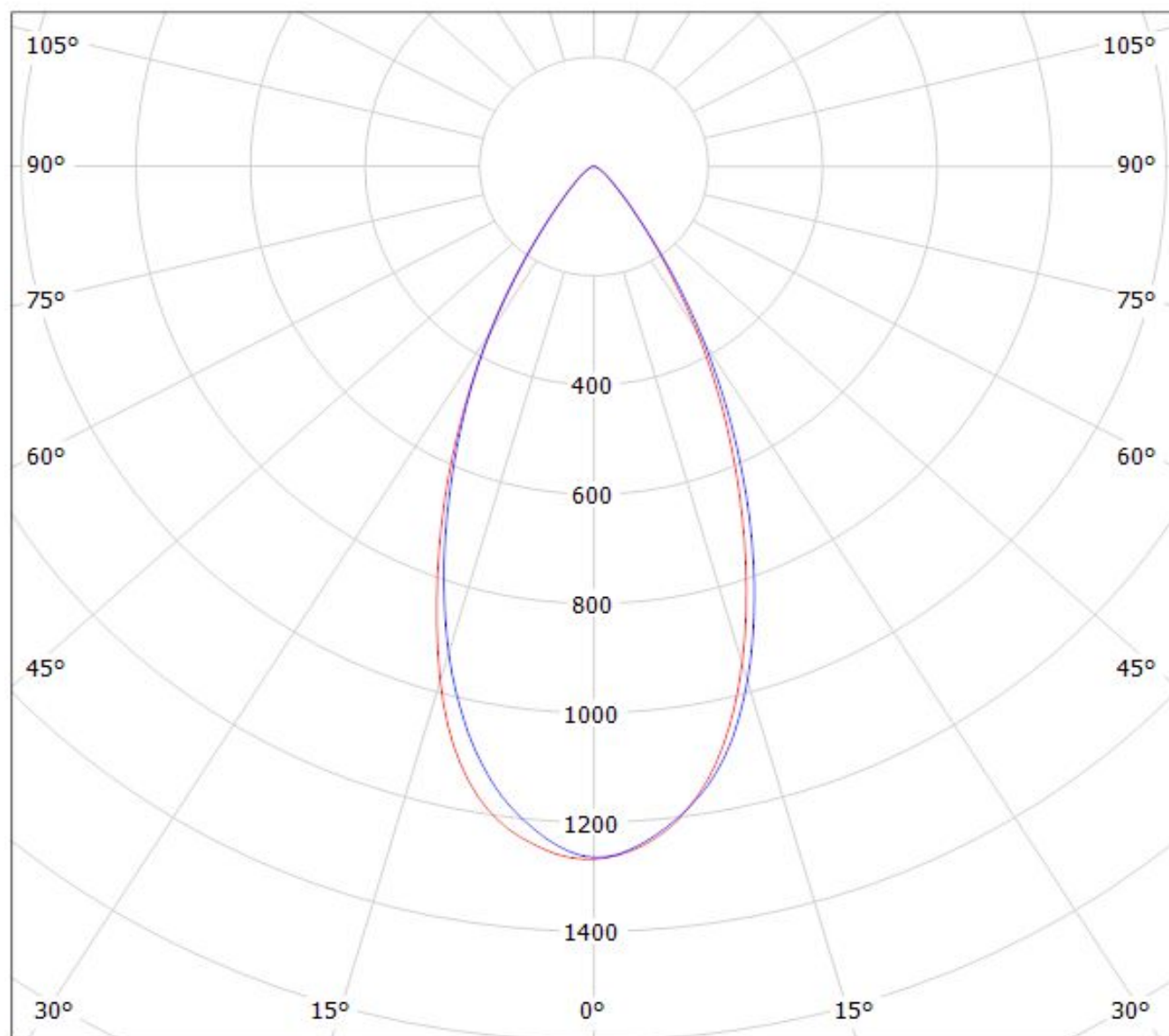
cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy LARISA-W\_Rebel\_(CLIP8CLIP16) Eff.88.4%  
Lamps: 1 x Rebel (80.8775lm@250mA)

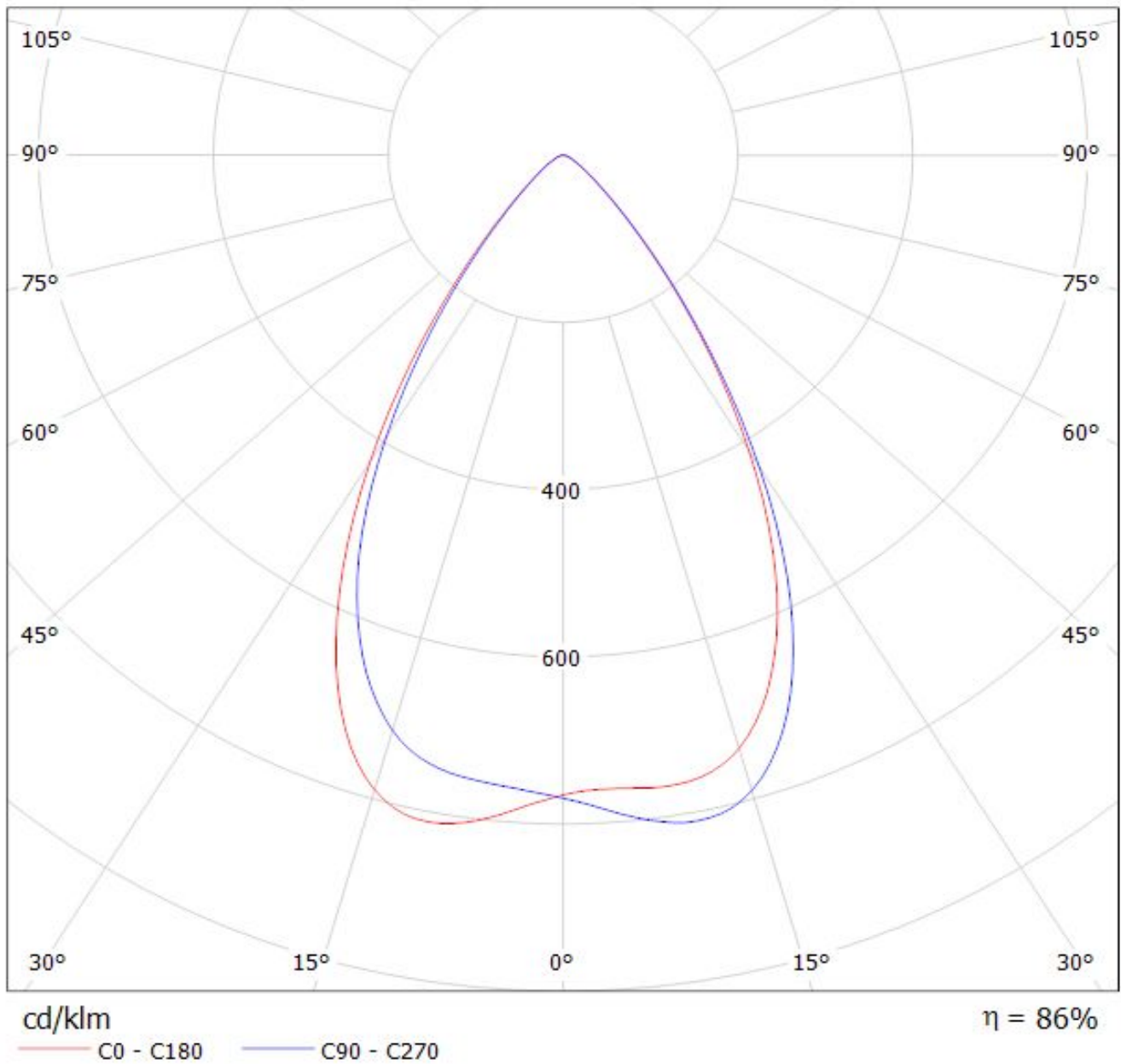


cd/klm

— C0 - C180 — C90 - C270

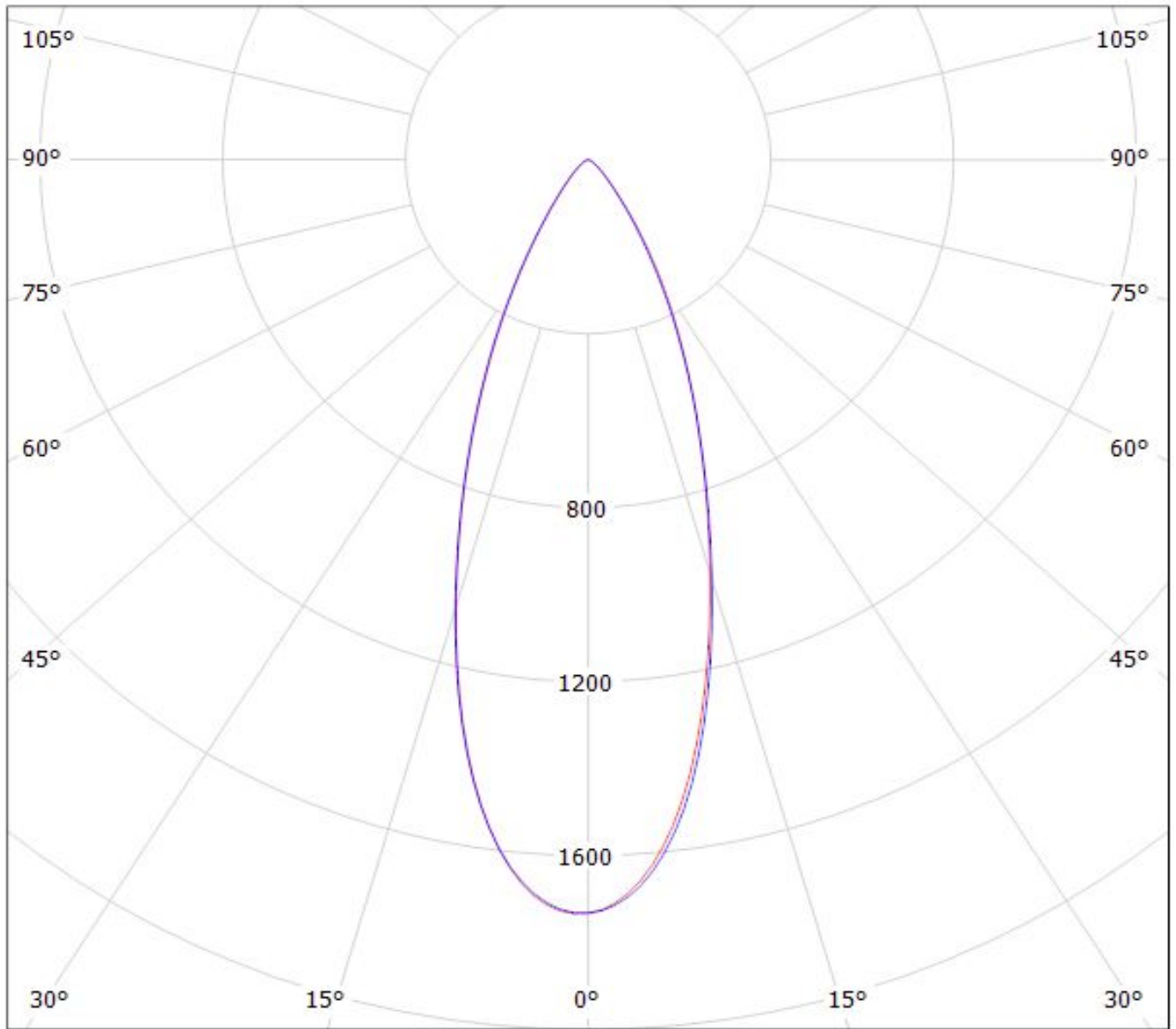
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Lamps: 1 x Luxeon A (66.8723lm@250mA)



Luminaire: LEDiL Oy CP12944\_LARISA-W-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

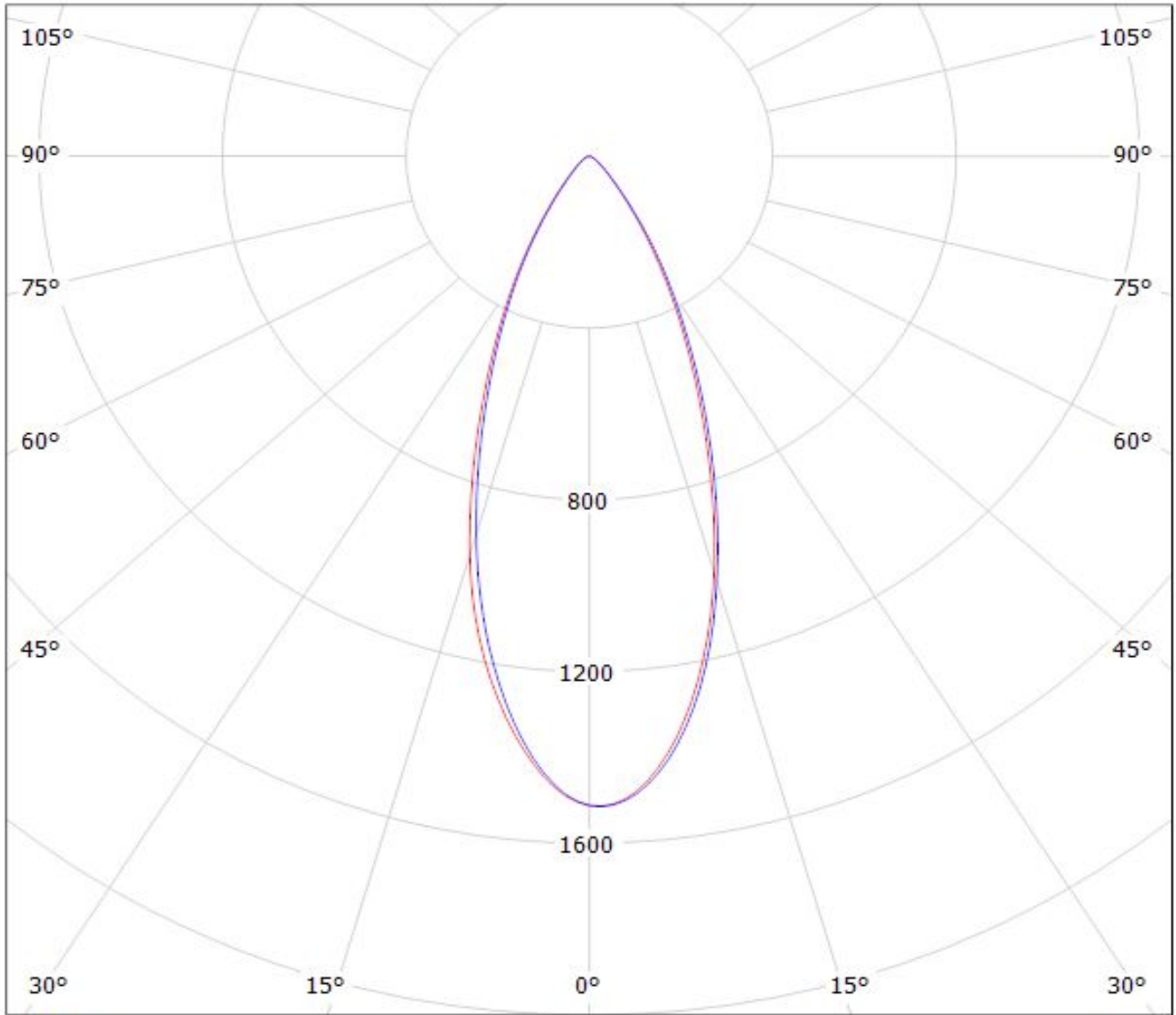
$\eta = 88\%$

— C0 - C180

— C90 - C270



Luminaire: LEDiL Oy LARISA-W\_NCS19\_(CLIP8&CLIP16) Eff.84.7%  
Lamps: 1 x NCS19 (88.2595lm@250mA)

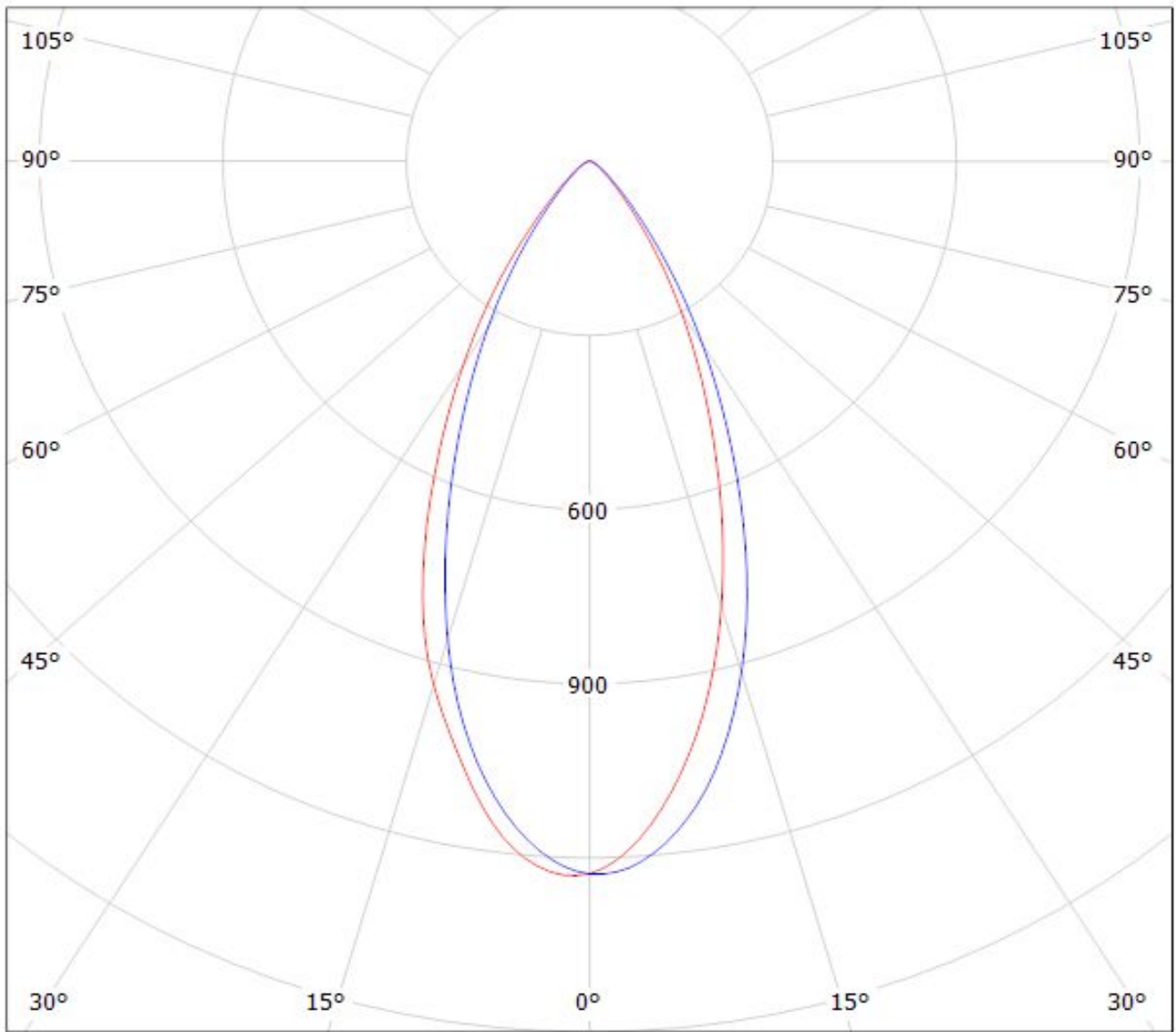


$\eta = 85\%$

cd/klm

— C0 - C180    — C90 - C270

Luminaire: LEDiL Oy LARISA-W\_NV519\_(CLIP8&CLIP16) Eff.84.0%  
Lamps: 1 x NV519 (97.9644lm@250mA)

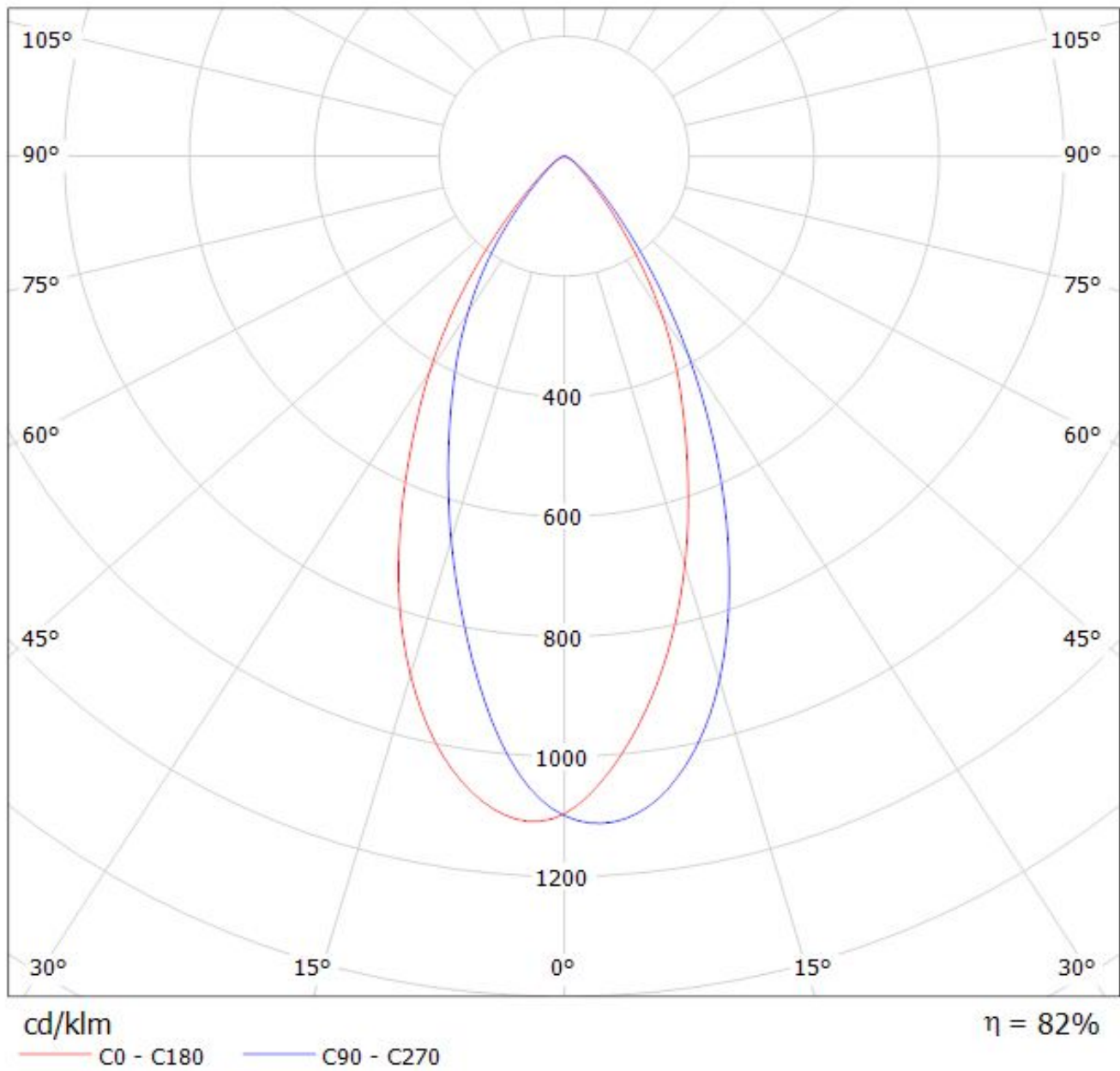


cd/klm

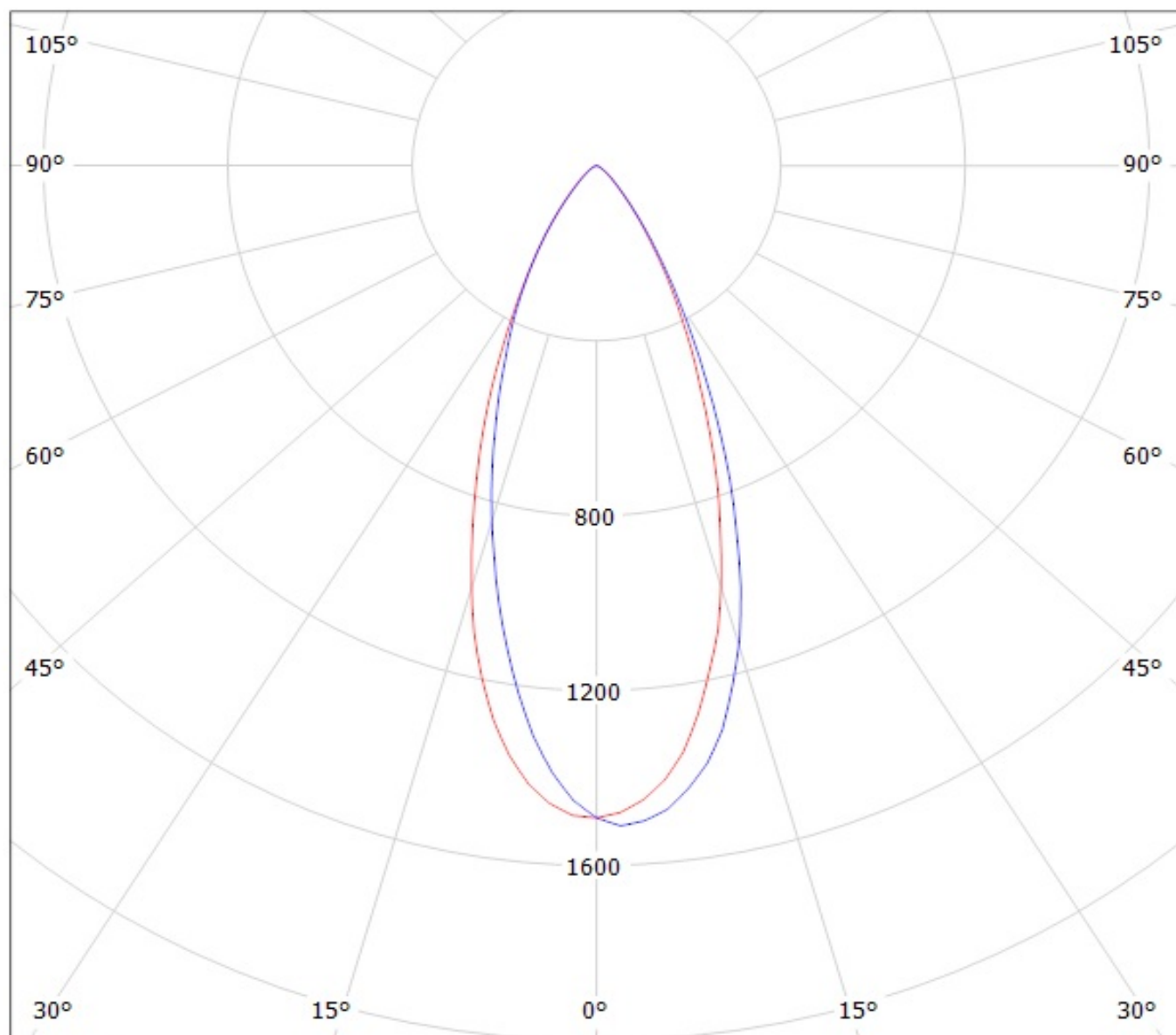
$\eta = 84\%$

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Luminaire: LEDil Oy CP12944\_LARISA-W-CLIP8\_(DURIS\_S5) Efficiency=85%  
Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



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.**