

DETAILS

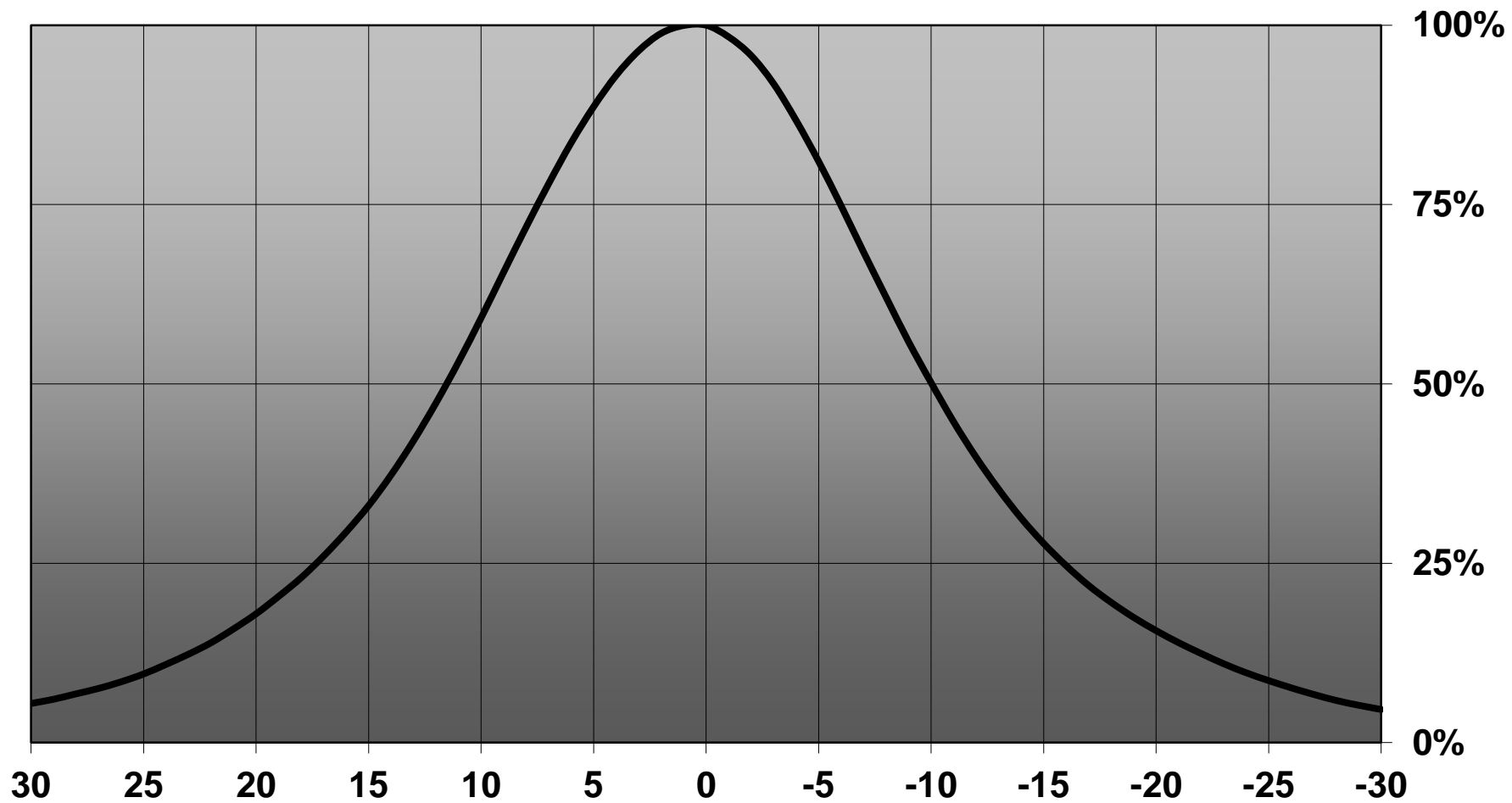
Product Number	CP12940_LARISA-M-CLIP8
Family	Larisa
Type	Assembly
Color	black
Diameter	9,9 + 9,9 mm
Height	7,5 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	clips
Status	production ready
ROHS Compliant	Yes
Date Updated	9/12/2016



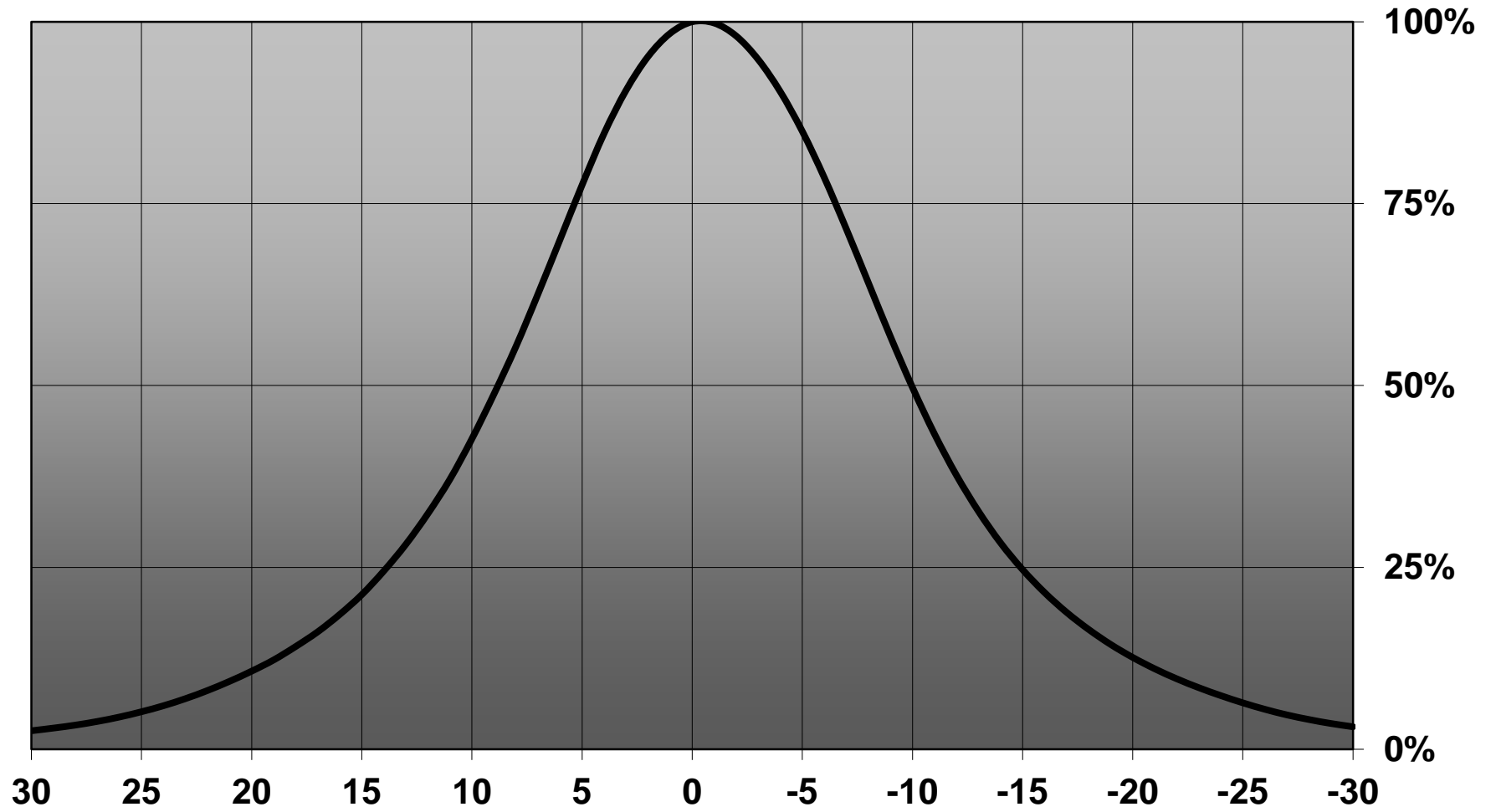
OPTICAL PROPERTIES

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	-

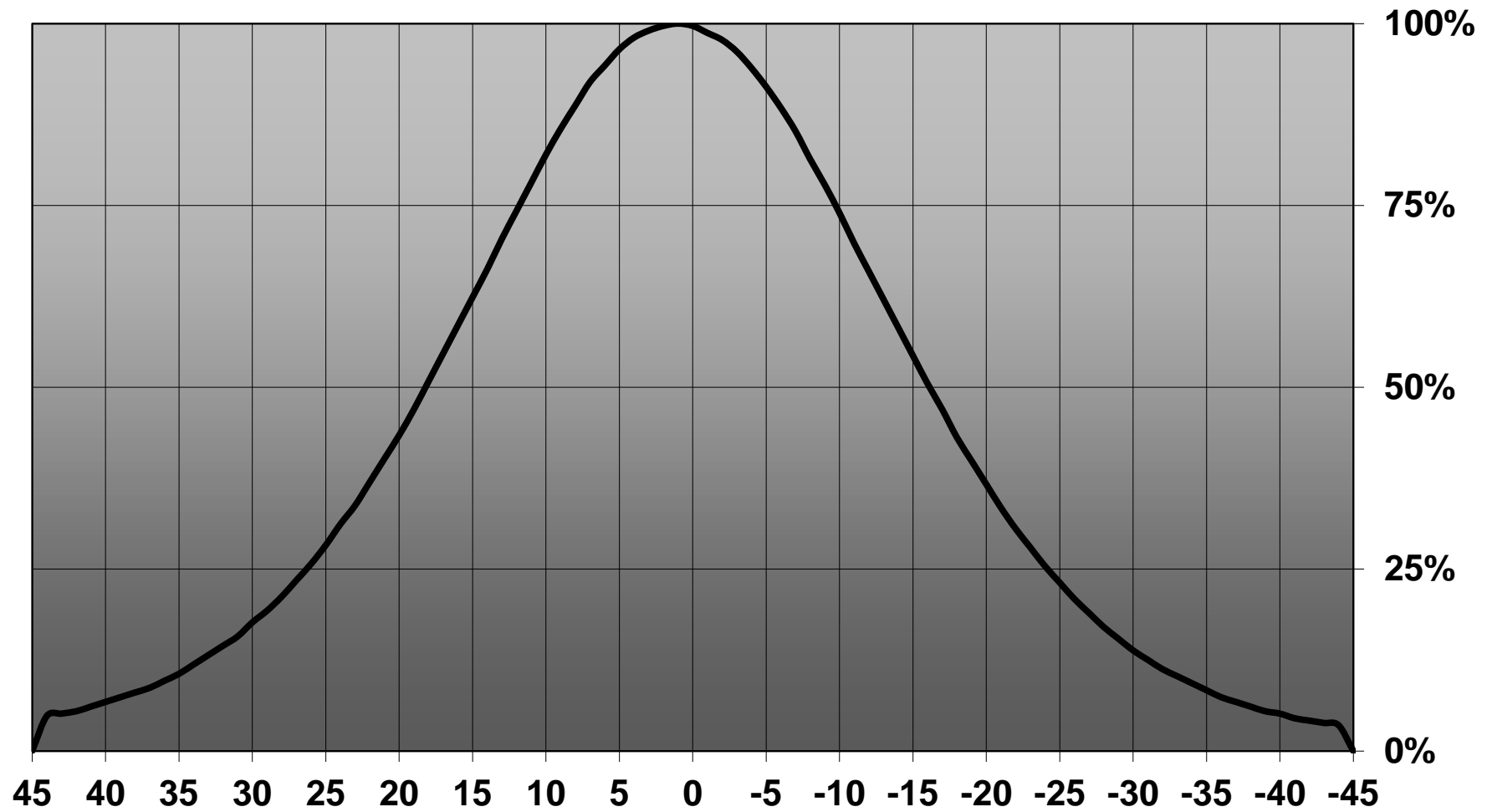
Relative intensity of CP12940_LARISA-M-CLIP8_(XQ-E_HI)



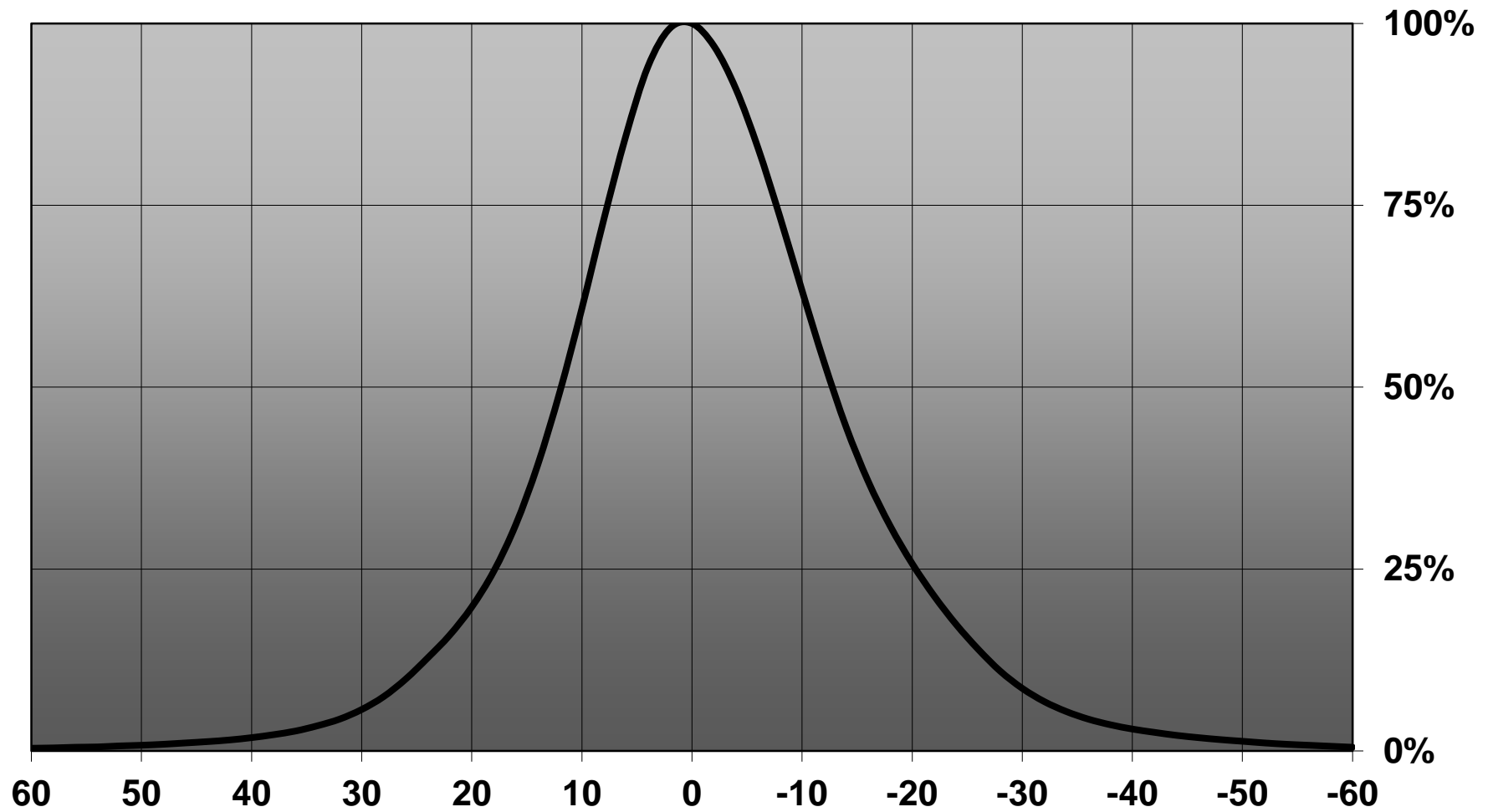
Relative intensity of CP12940_LARISA-M-CLIP8_(Luxeon Z)



Relative intensity of CP12940_LARISA-M-CLIP8_(NF2757G)



Relative intensity of CP12940_LARISA-M-CLIP8_(SSL80)



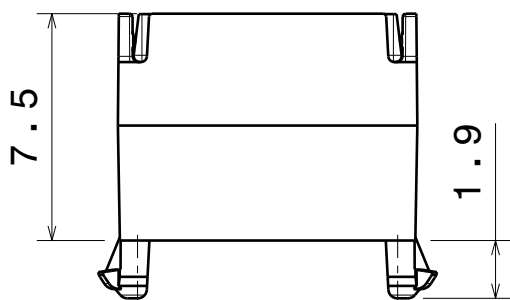
D

C

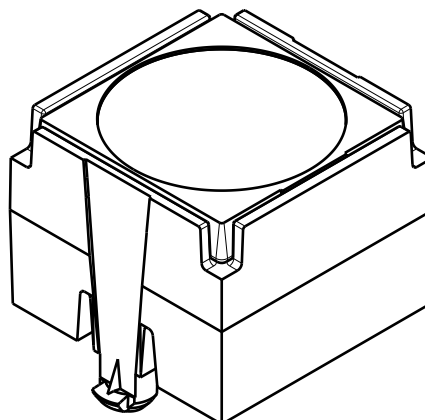
B

A

4

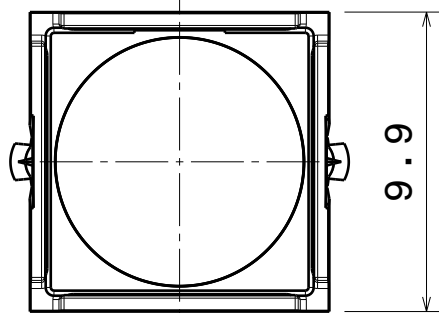


Front view

Isometric view
Scale: 4:1

3

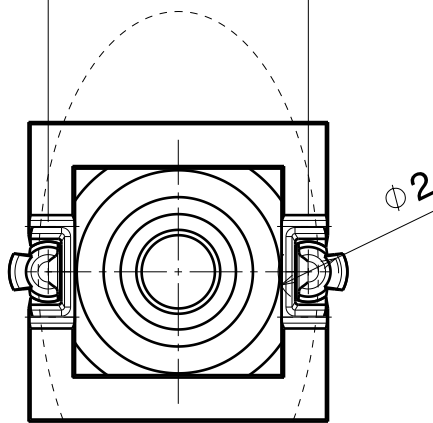
9.9



Top view

8.6

c / c



Bottom view

Oval beam direction

2

2

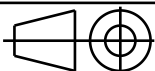
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LARISA lens	PMMA	
2	C12907	LARISA-HOLDER-CLIP8	PC	black

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

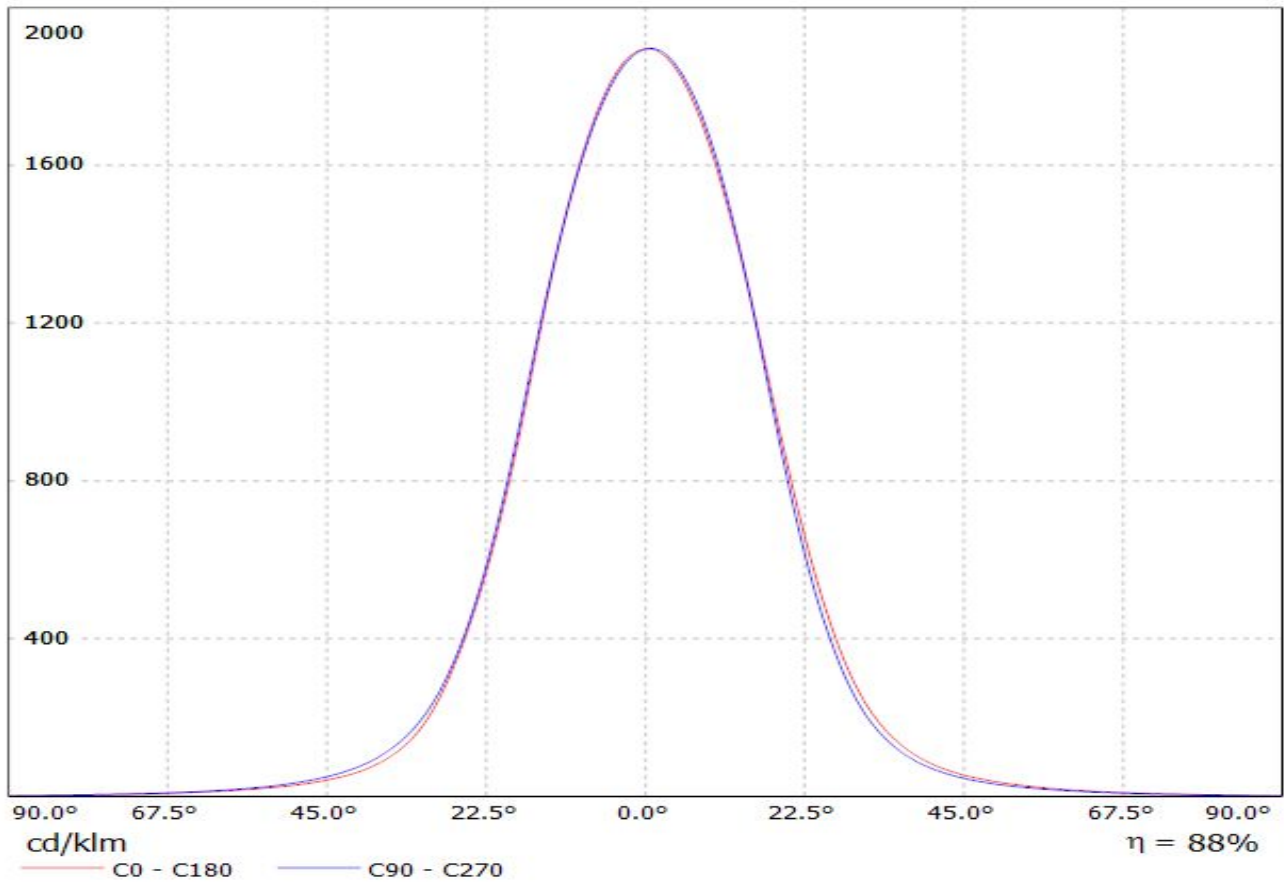
1

1

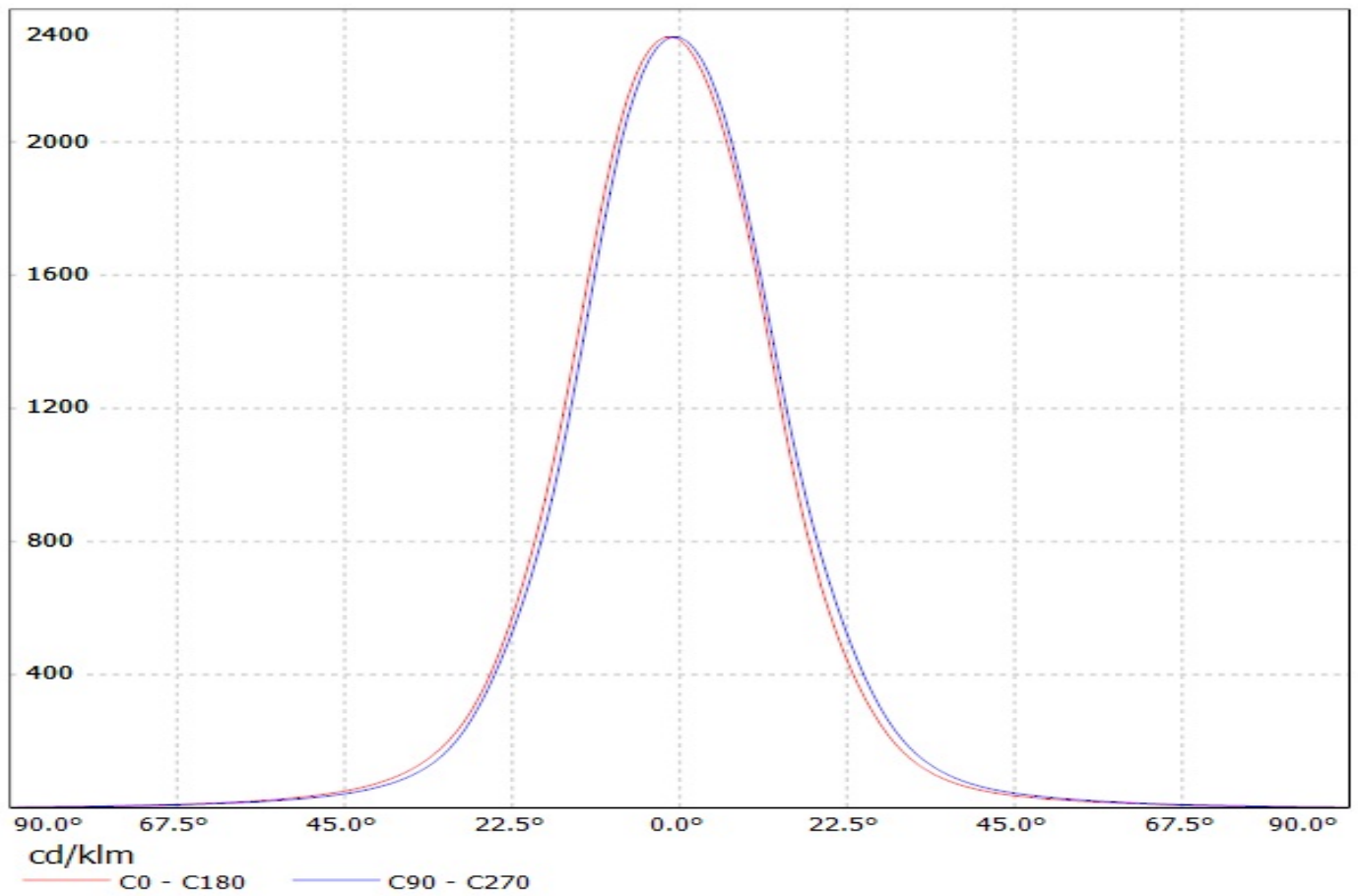
D

A

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

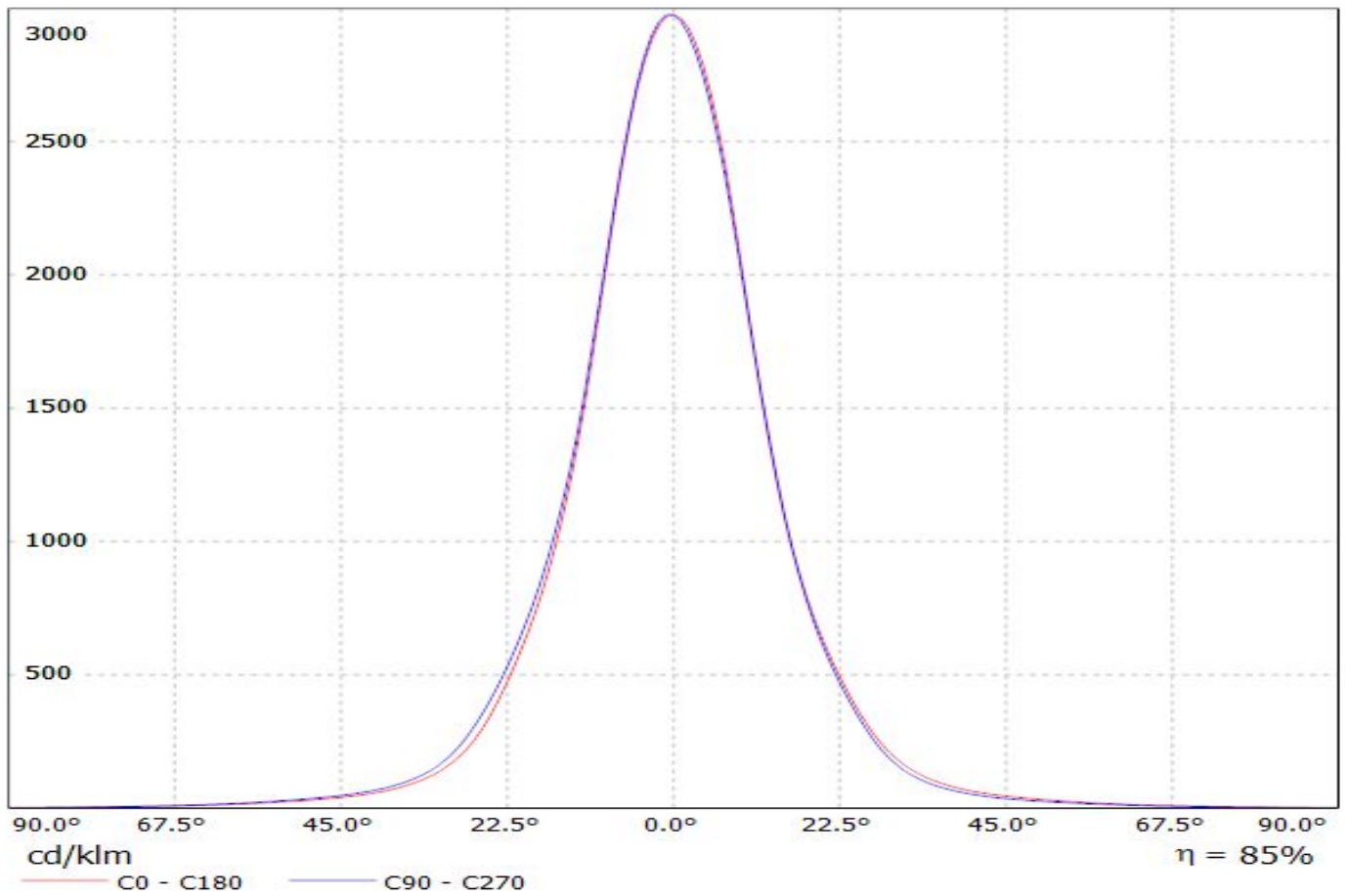


Valaisin: LEDiL Oy LARISA-M_XB-D_(CLIP8&CLIP16) Eff.84.0%
Lamput: 1 x XB-D (91.7428lm@250mA)



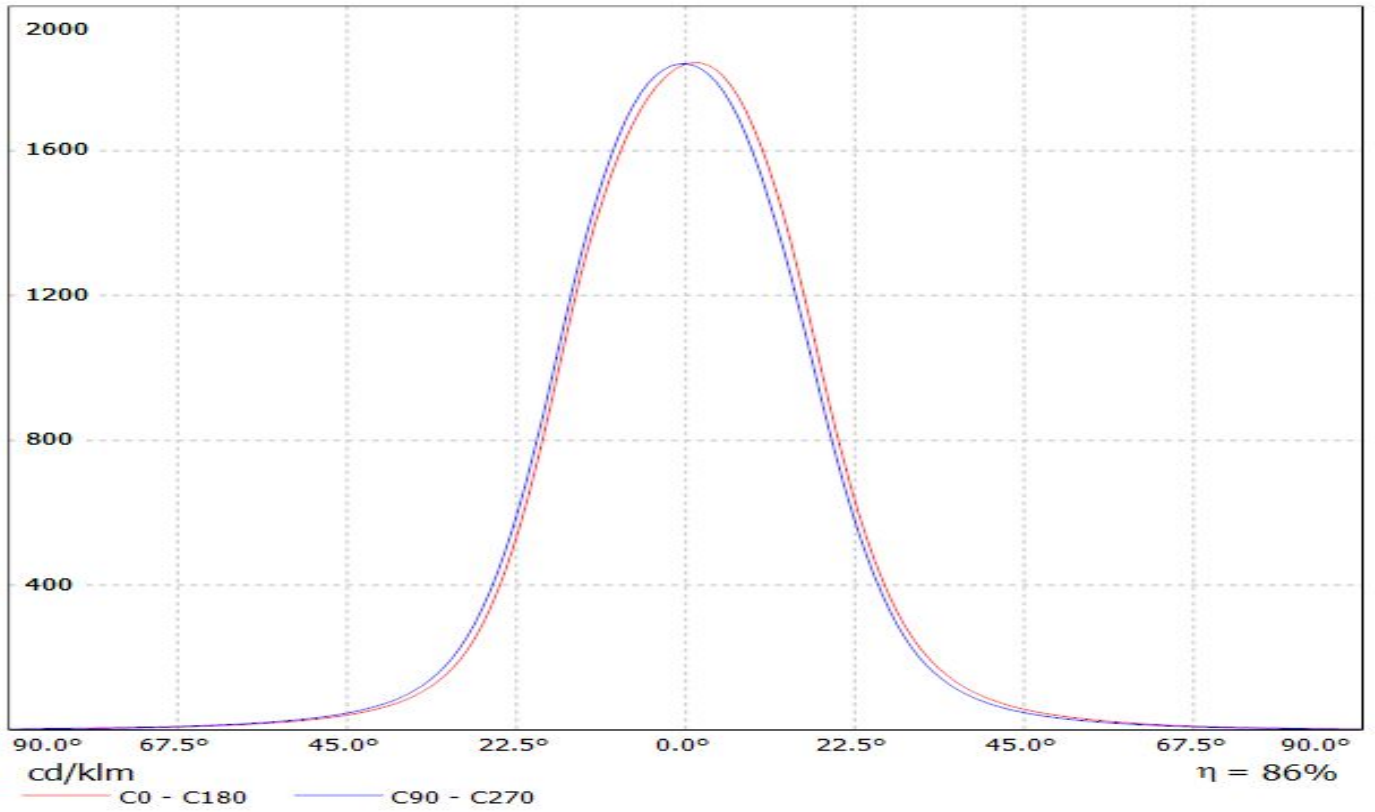
Luminaire: LEDiL Oy CP12940_LARISA-M-CLIP8_(XQ-E)

Lamps: 1 x Cree_XQ-E_(XQEAWT-0-7B1-Q40-0H-00001_81.2847lm@250mA_P=0.764419W_I=250mA)



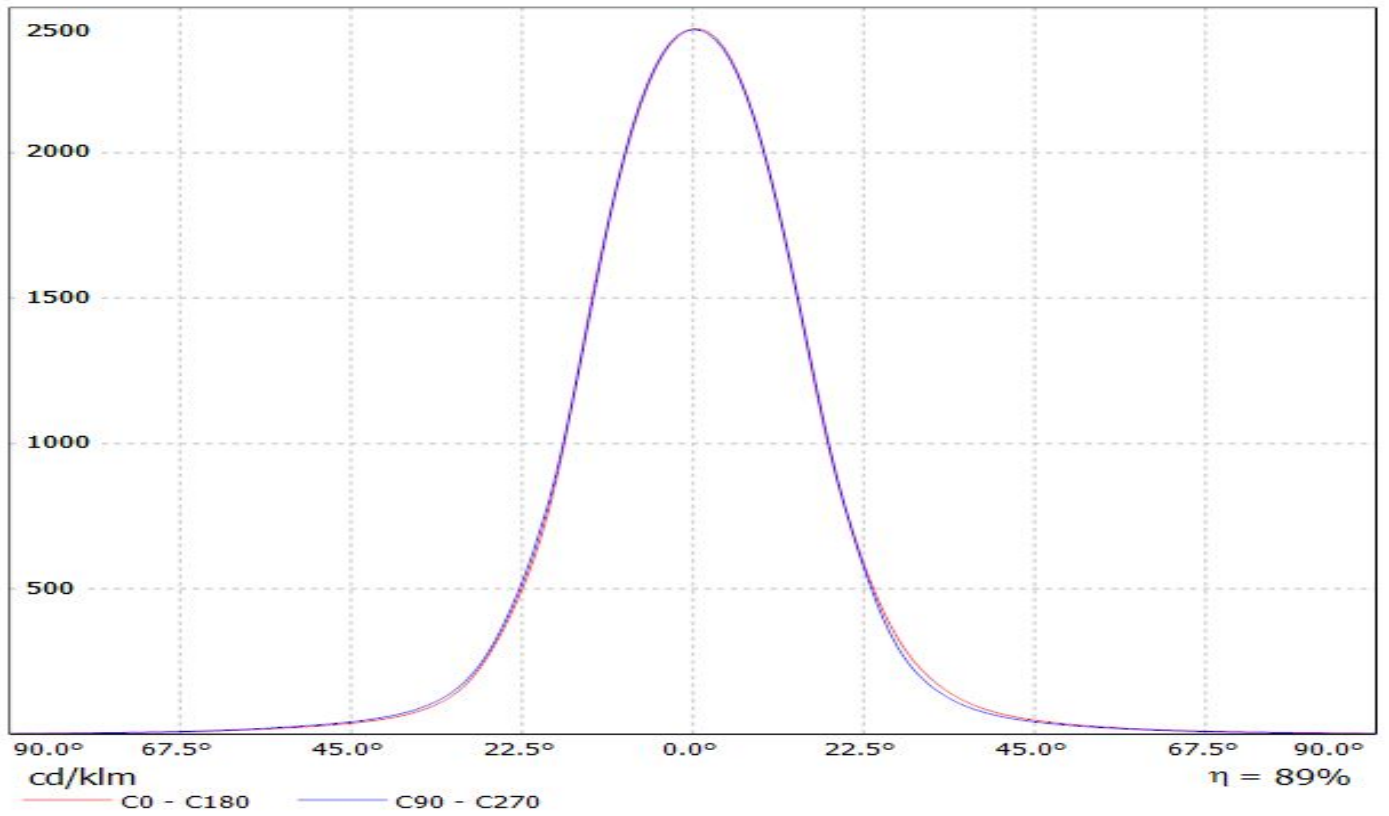
**LEDiL Oy CP12940_LARISA-M-CLIP8_(3535_Ceramic) Eff.86.4% / LDC
(Linear)**

Luminaire: LEDiL Oy CP12940_LARISA-M-CLIP8_(3535_Ceramic) Eff.86.4%
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)

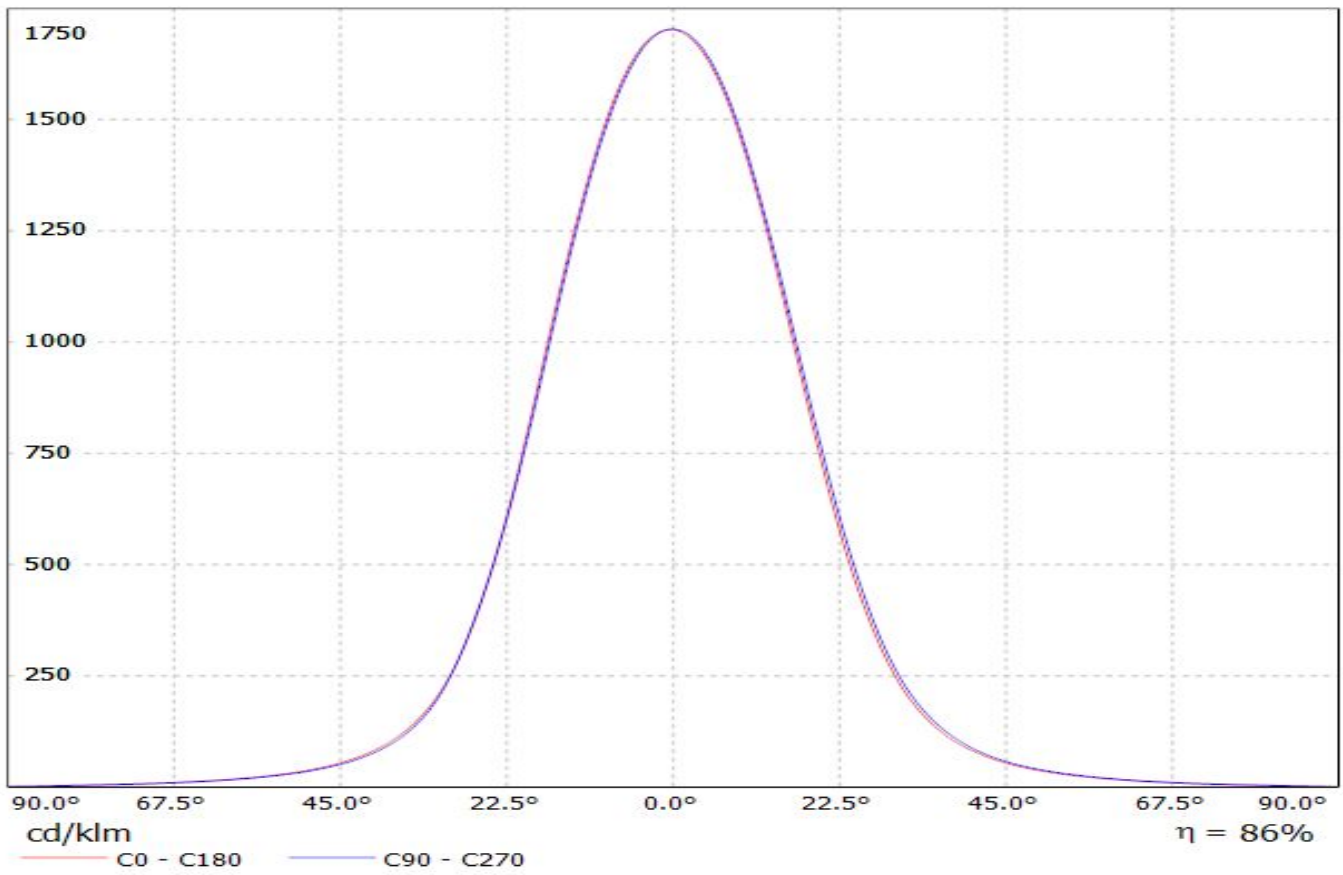


**LEDiL Oy CP12940_LARISA-M-CLIP8/CP12941_LARISA-M-CLIP16_
(LG3535_2W) Eff.89.1% / LDC (Linear)**

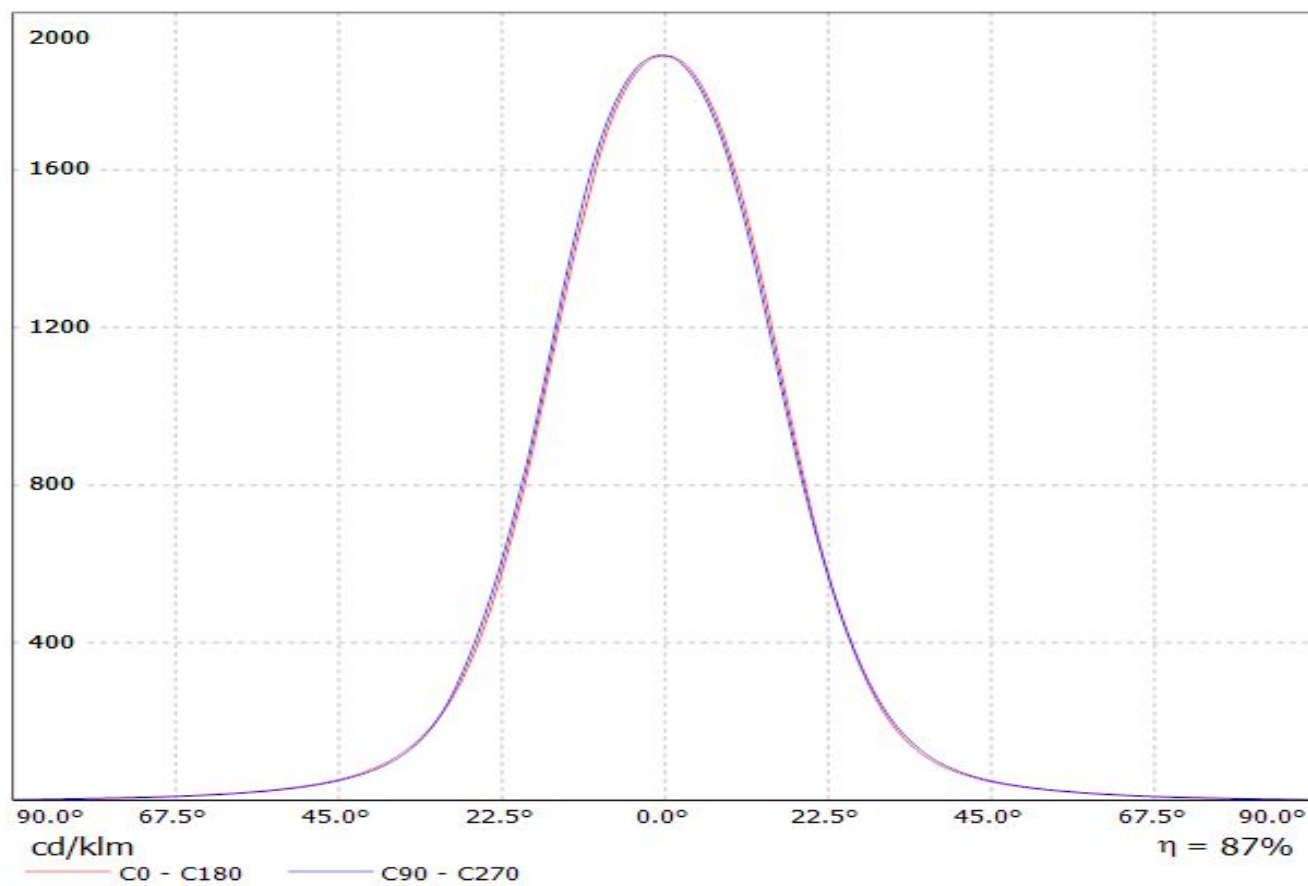
Luminaire: LEDiL Oy CP12940_LARISA-M-CLIP8/CP12941_LARISA-M-CLIP16_(LG3535_2W) Eff.89.1%
Lamps: 1 x LG3535_2W (97.3629lm@250mA)



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

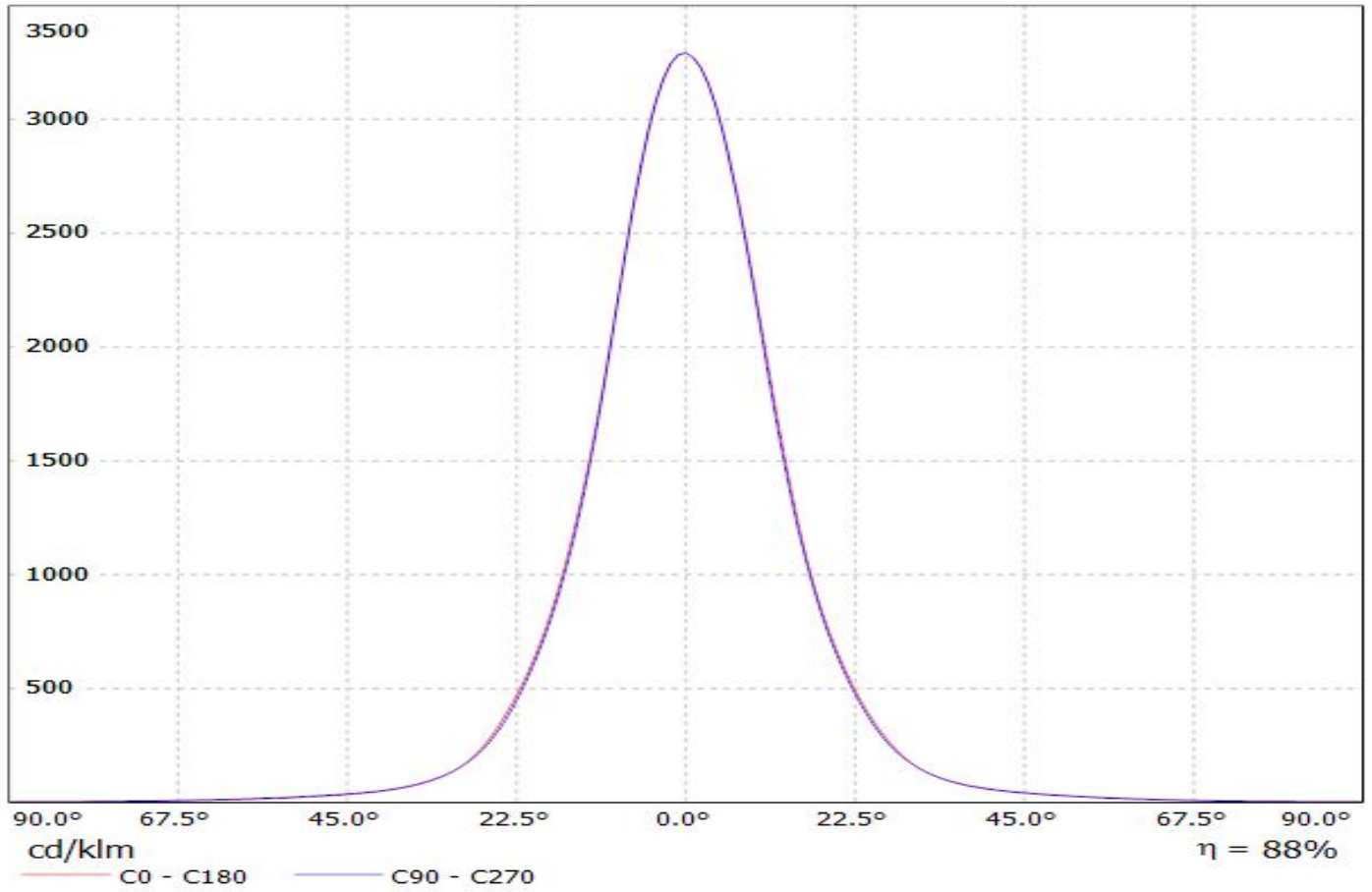


Luminaire: LEDiL Oy LARISA-M_Rebel-ES_(CLIP8&CLIP16) Eff.87.0%
Lamps: 1 x Rebel ES (89.842lm@250mA)

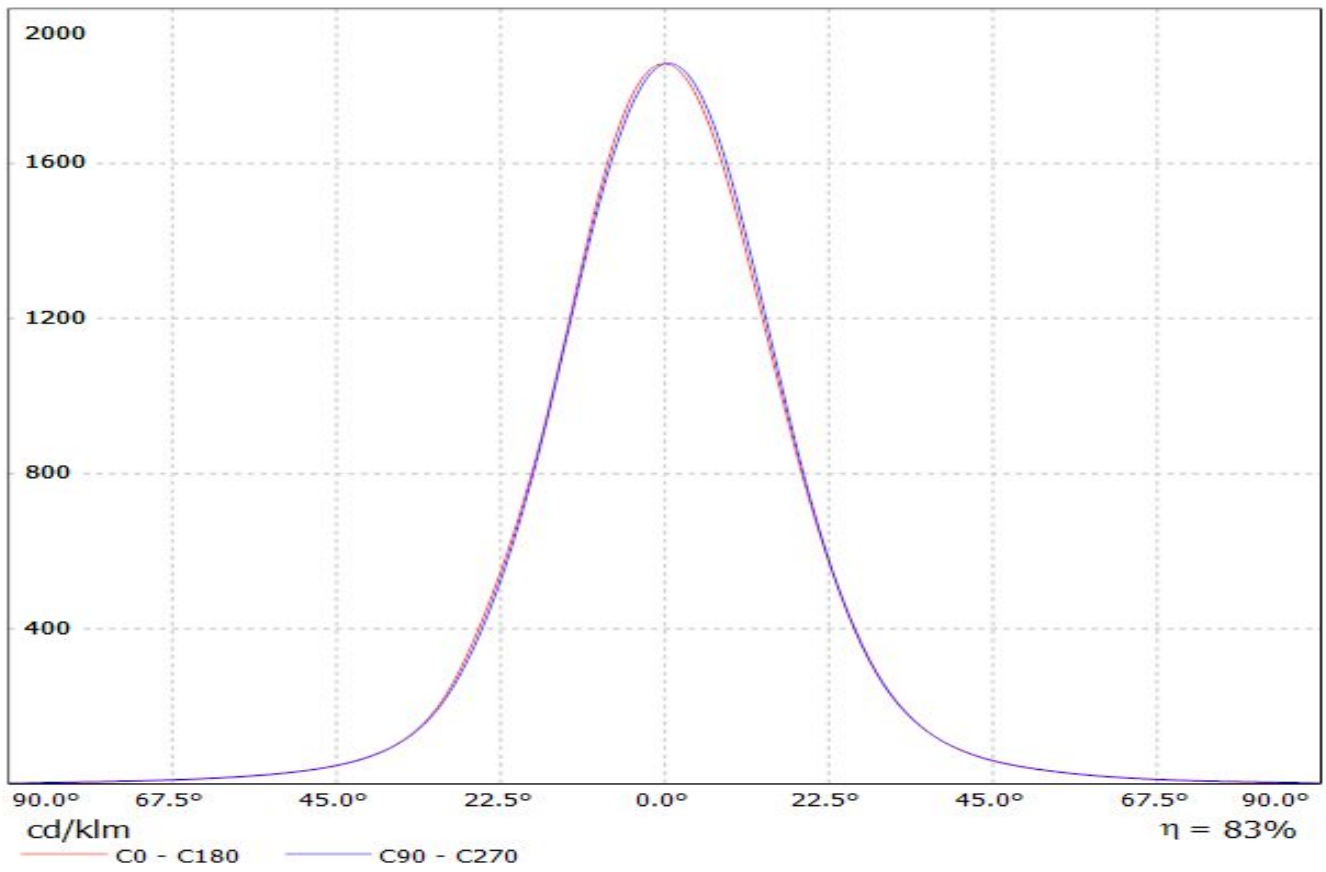


Luminaire: LEDiL Oy CP12940_LARISA-M-CLIP8_(Luxeon_Z_ES)

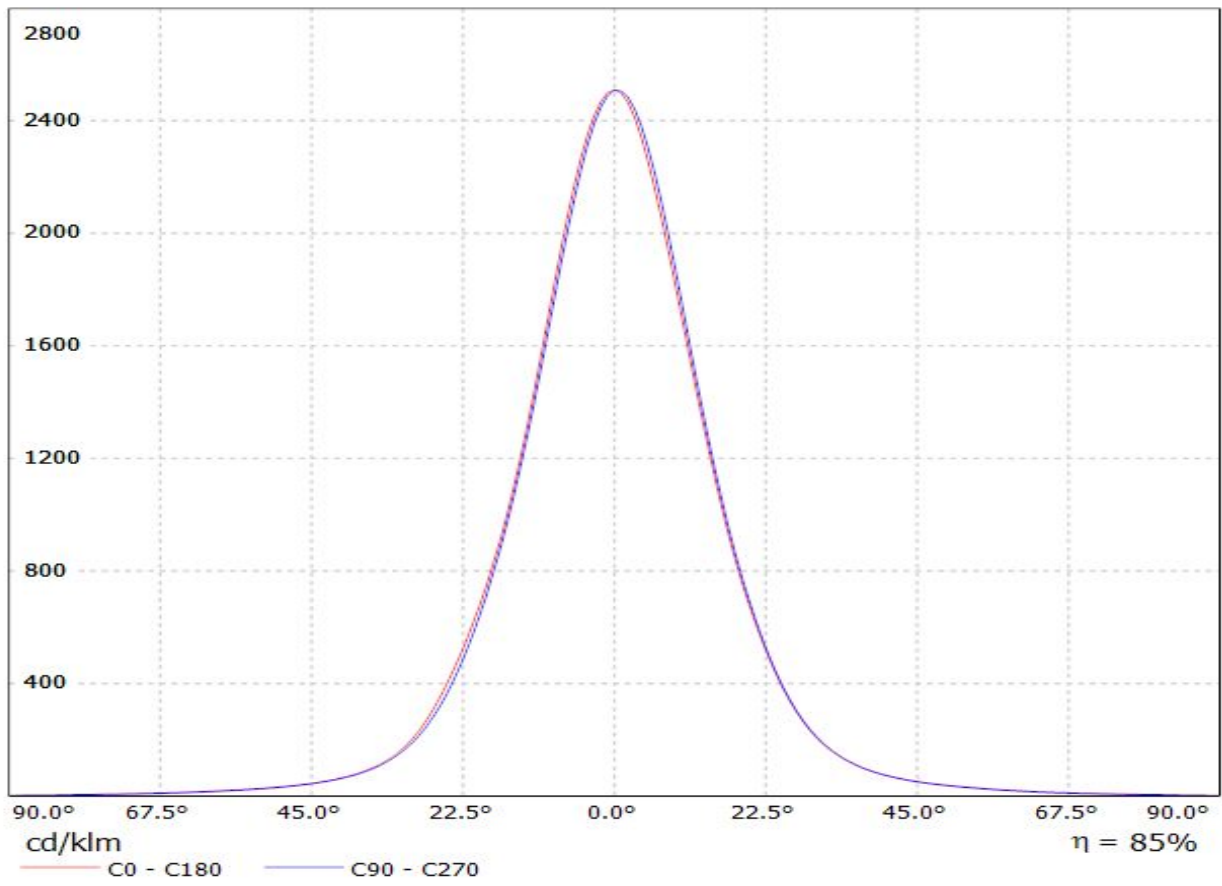
Lamps: 1 x Philips_Lumileds_Luxeon_Z_ES_(LXZ2-2790)_51.1518lm@250mA_P=0.73718W_I=249.9mA



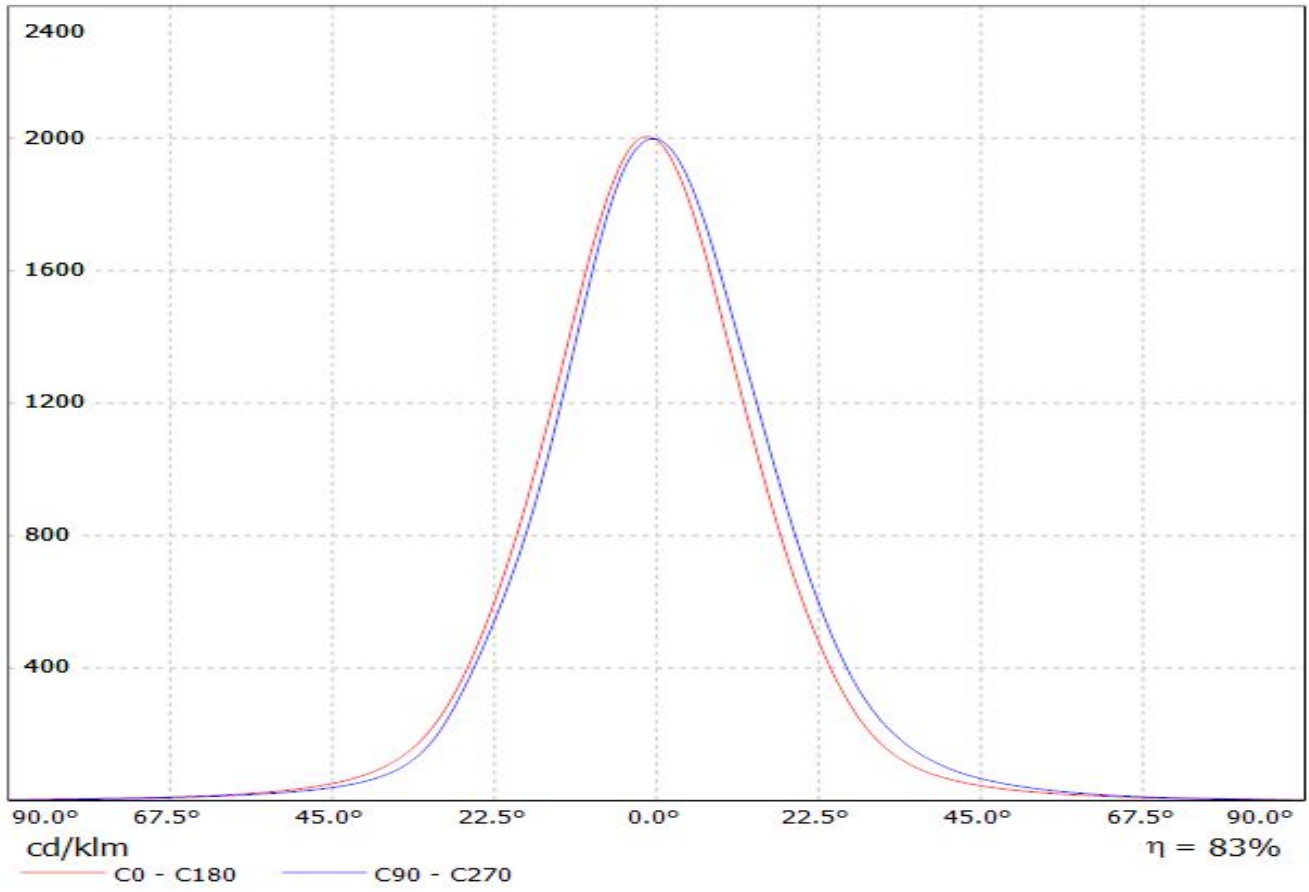
Luminaire: LEDiL Oy LARISA-M_NV519_(CLIP8&CLIP16) Eff.83.5%
Lamps: 1 x NV519 (97.9644lm@250mA)



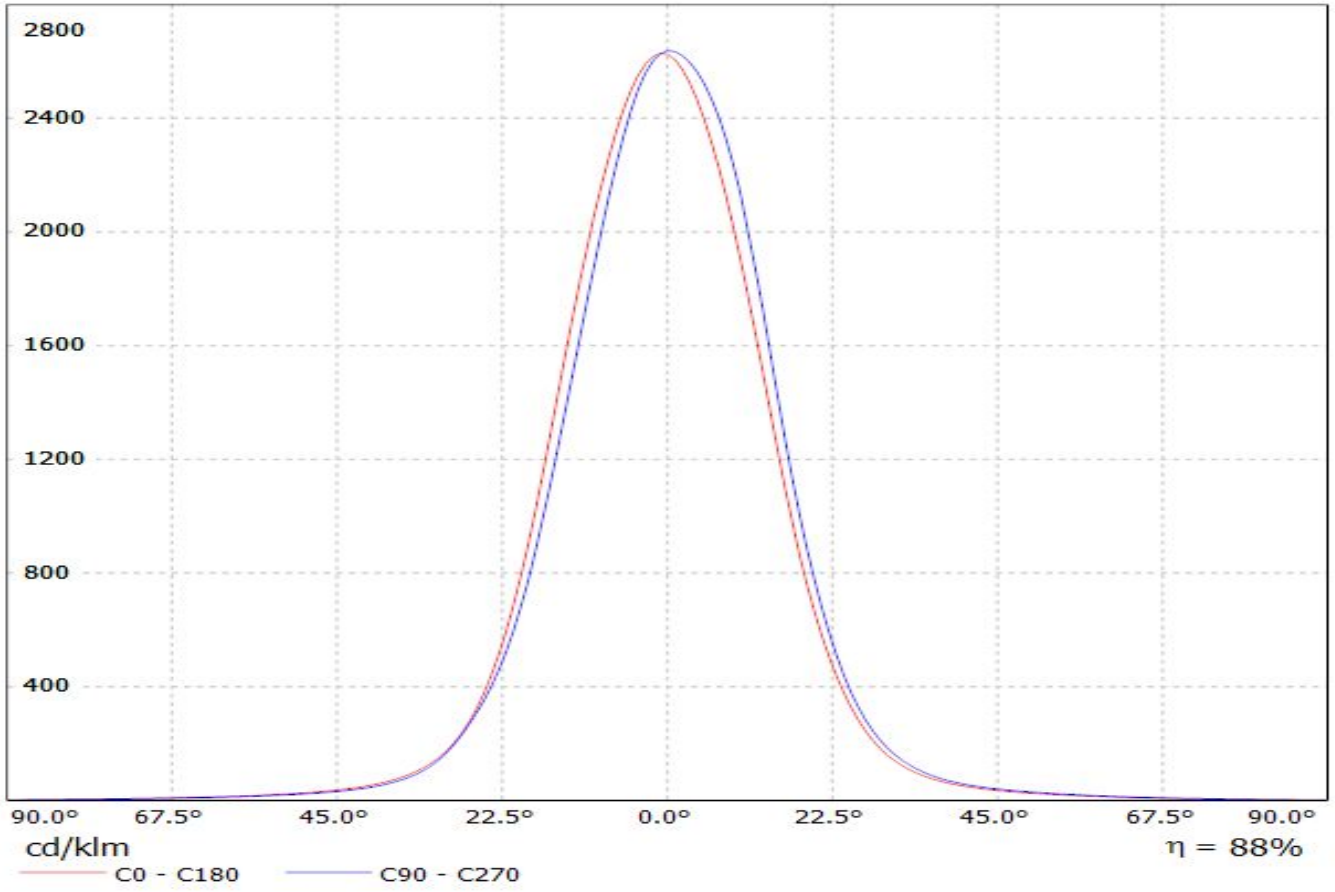
Luminaire: LEDiL Oy LARISA-M_NCS19_(CLIP8&CLIP16) Eff.84.6%
Lamps: 1 x NCS19 (88.2595lm@250mA)



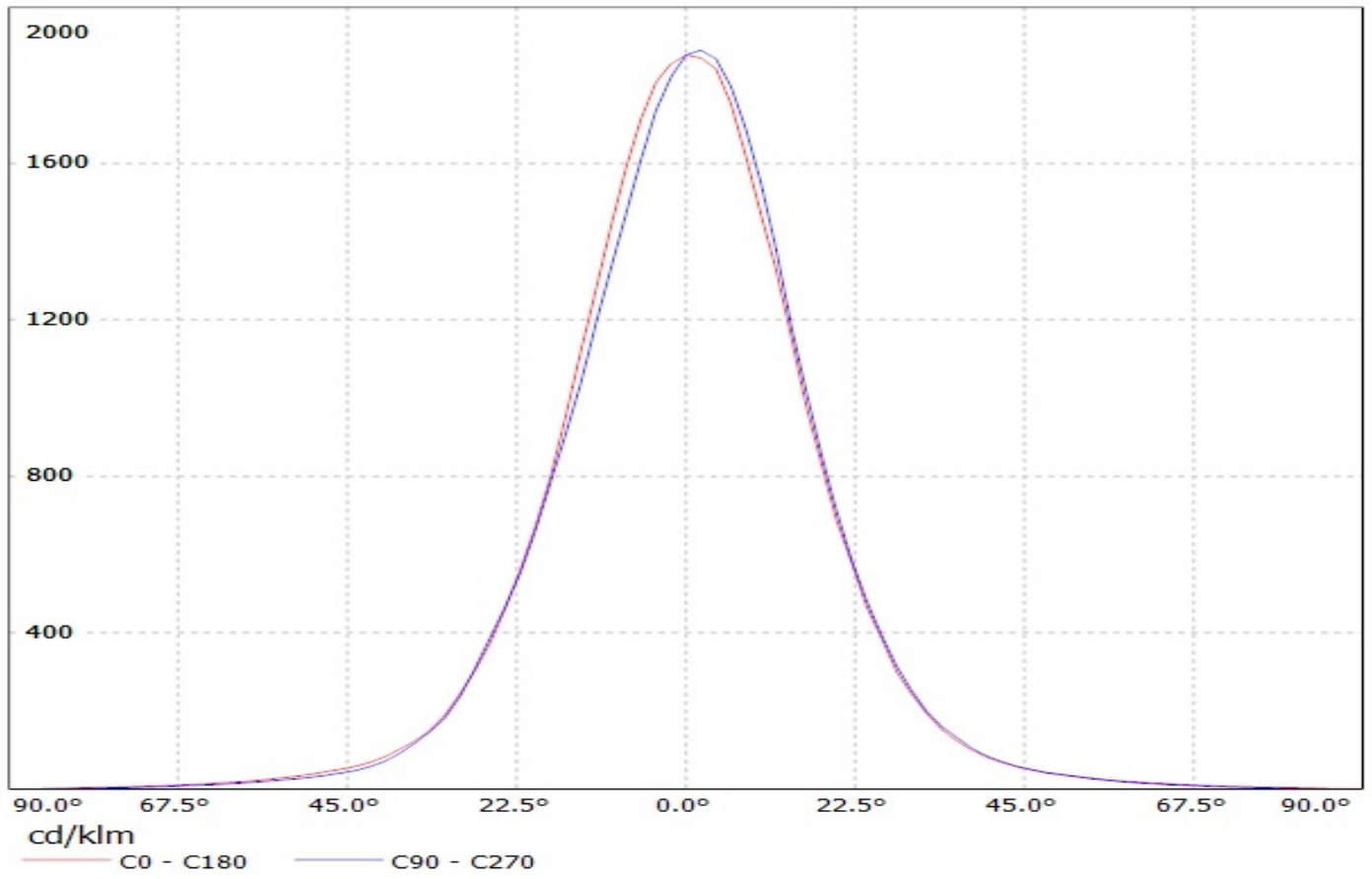
Luminaire: LEDiL Oy LARISA-M_SQ-EC_(CLIP8&CLIP16) Eff.82.8%
Lamps: 1 x SQ-EC (64.5379lm@250mA)



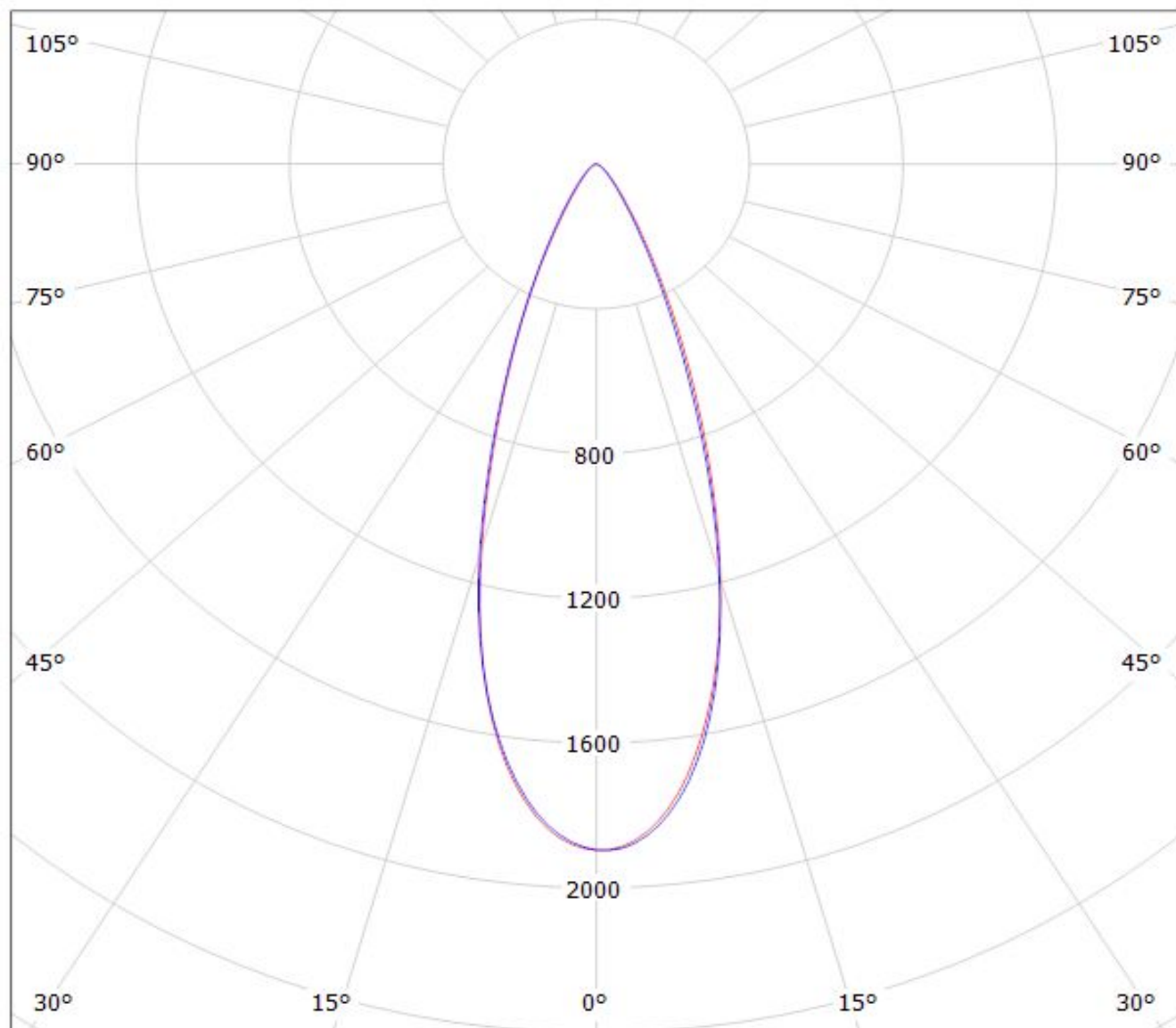
Luminaire: LEDiL Oy LARISA-M_SSL150_(CLIP8&CLIP16) Eff.87.7%
Lamps: 1 x SSL150 (71.2649lm@250mA)



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)

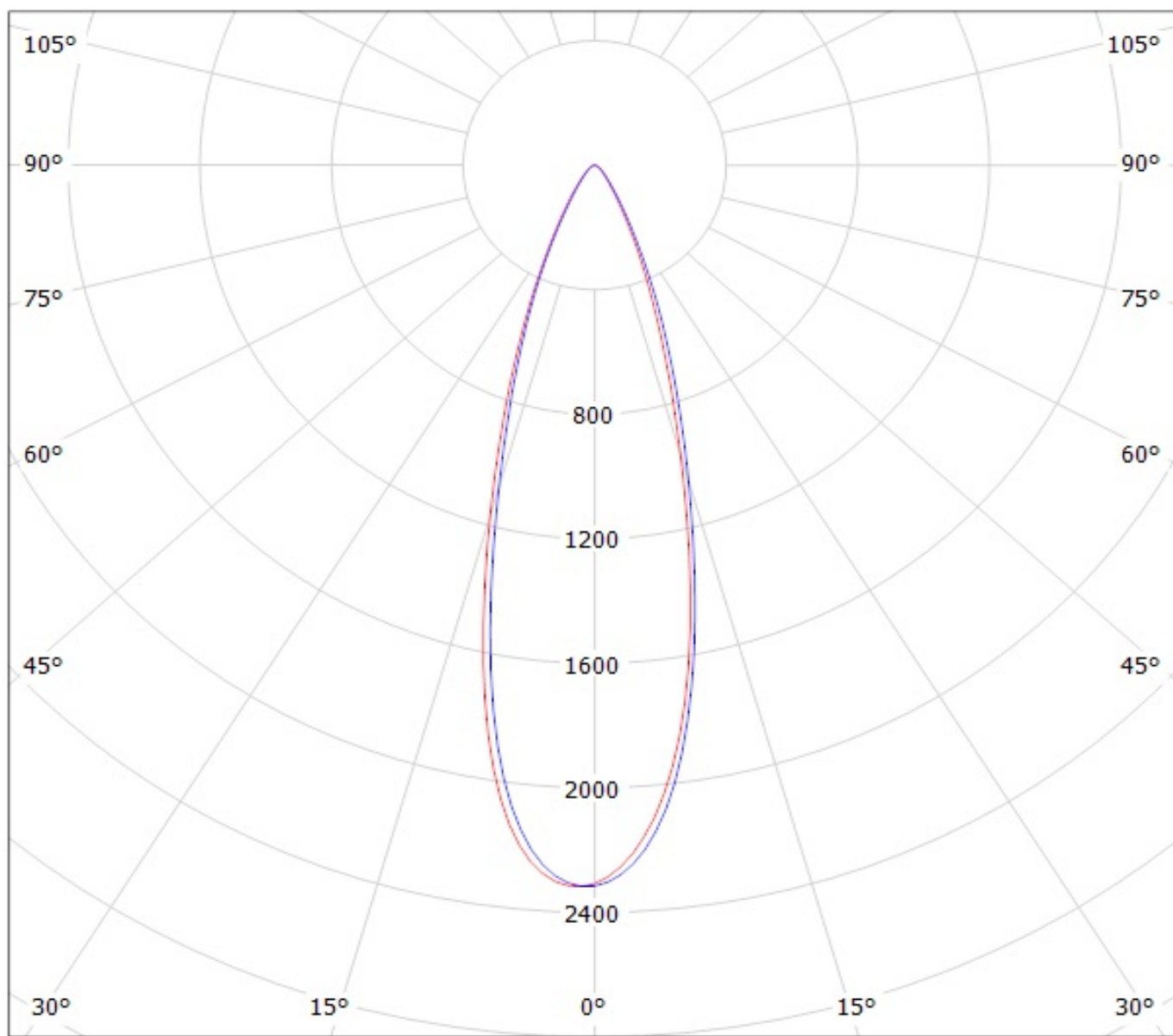


cd/klm

$\eta = 88\%$

— C0 - C180 — C90 - C270

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



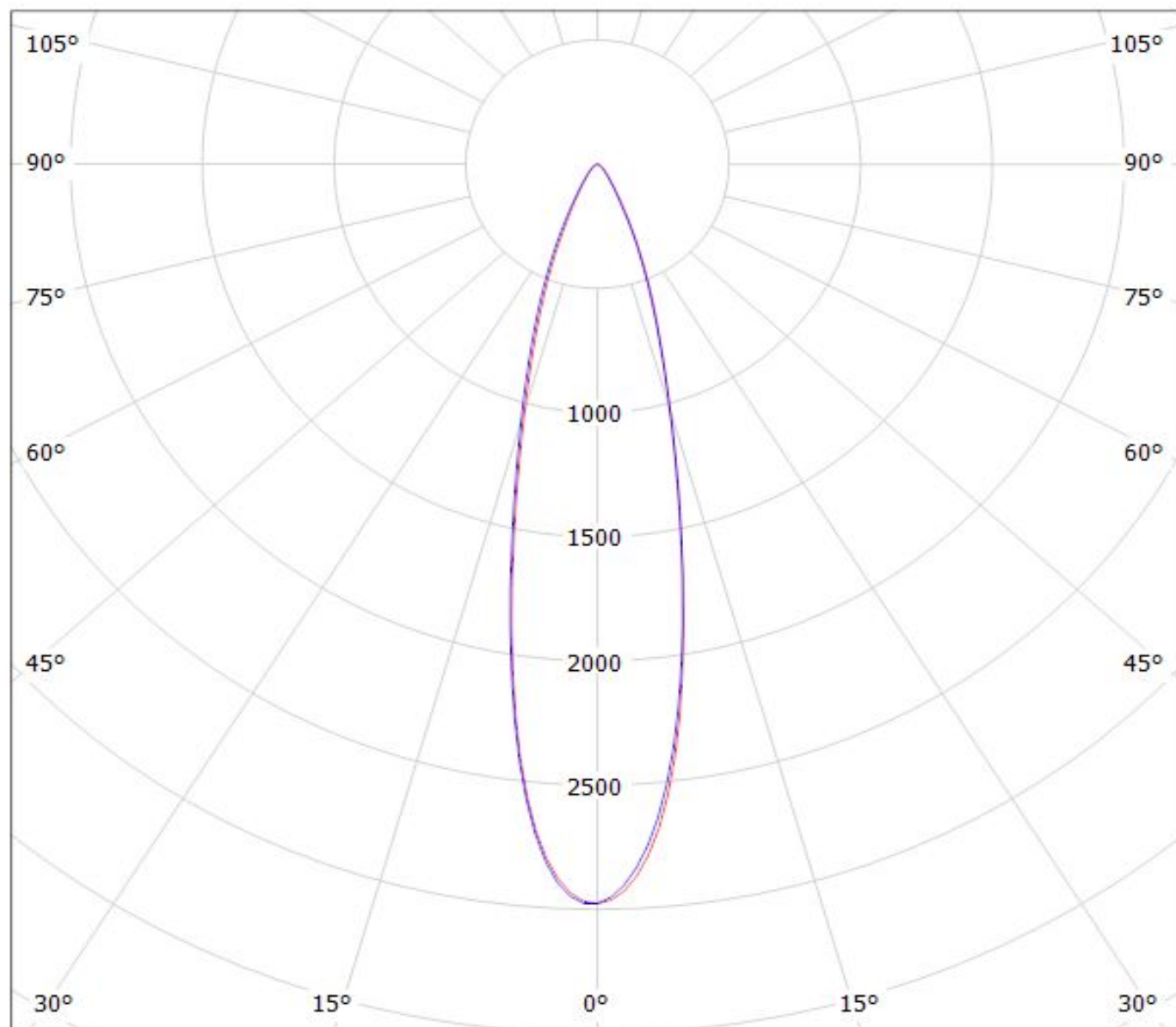
cd/klm

— 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

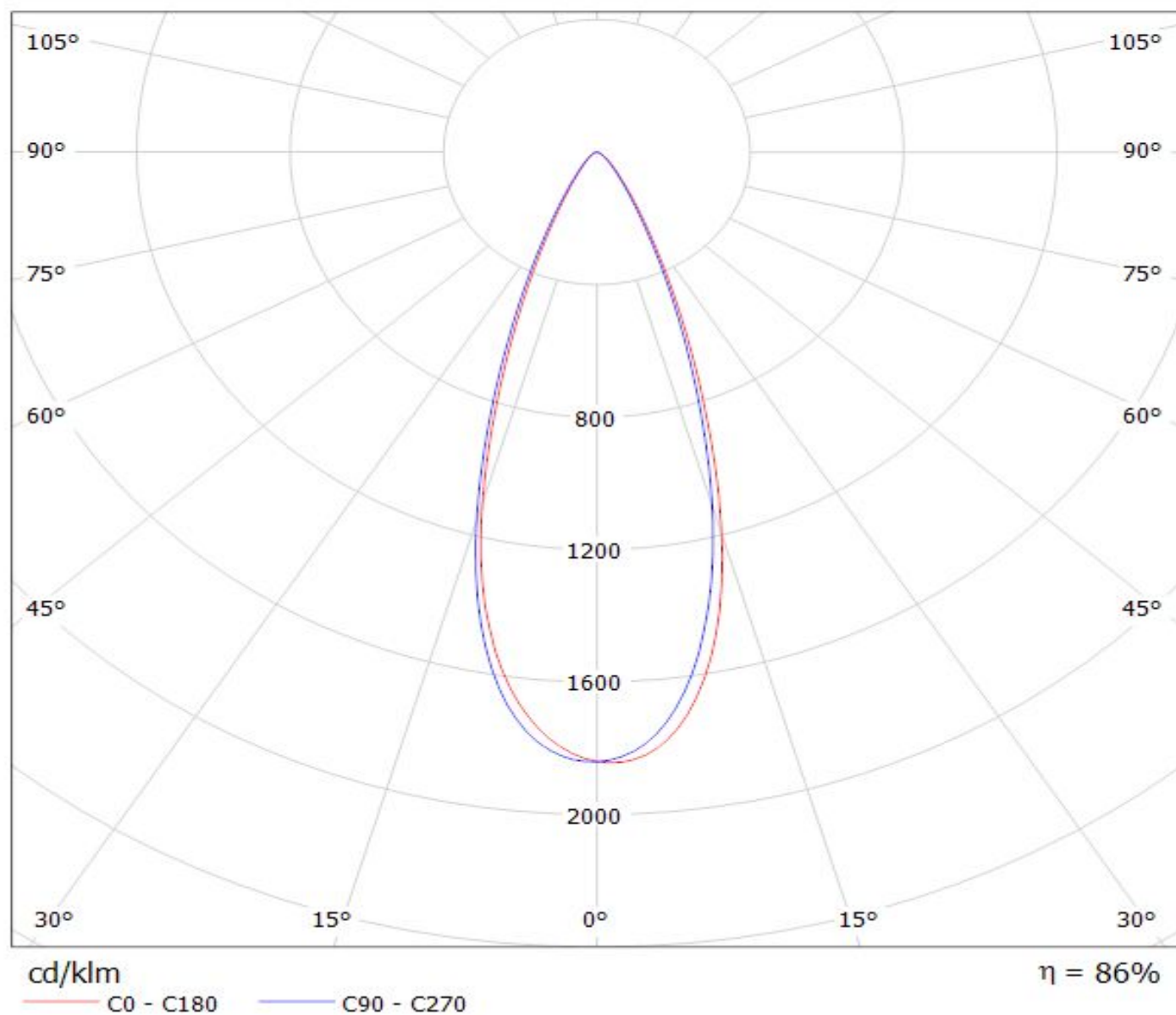
— C90 - C270

$\eta = 85\%$

LEDiL Oy CP12940_LARISA-M-CLIP8_(3535_Ceramic) Eff.86.4% / LDC (Polar)

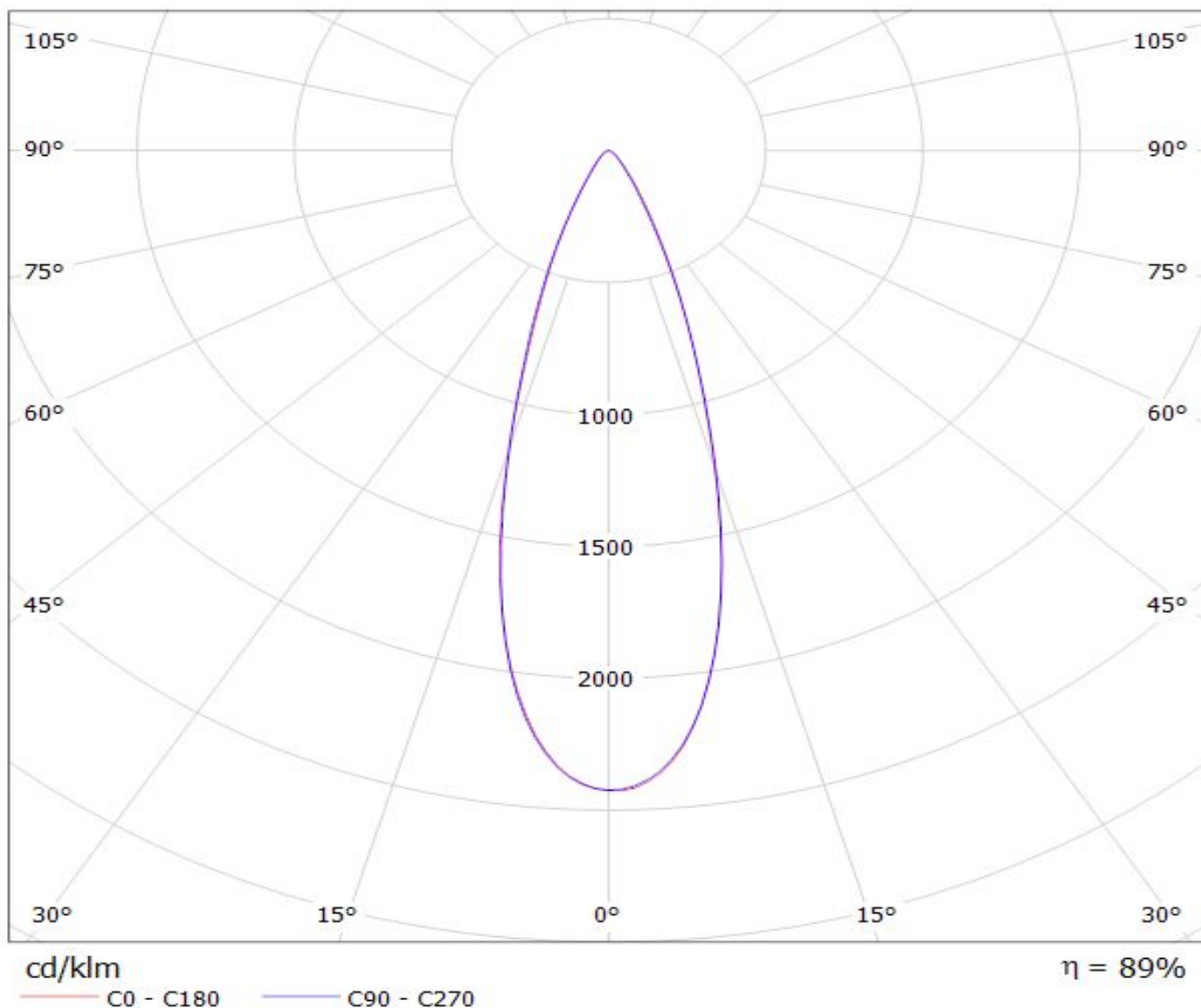
Luminaire: LEDiL Oy CP12940_LARISA-M-CLIP8_(3535_Ceramic) Eff.86.4%

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

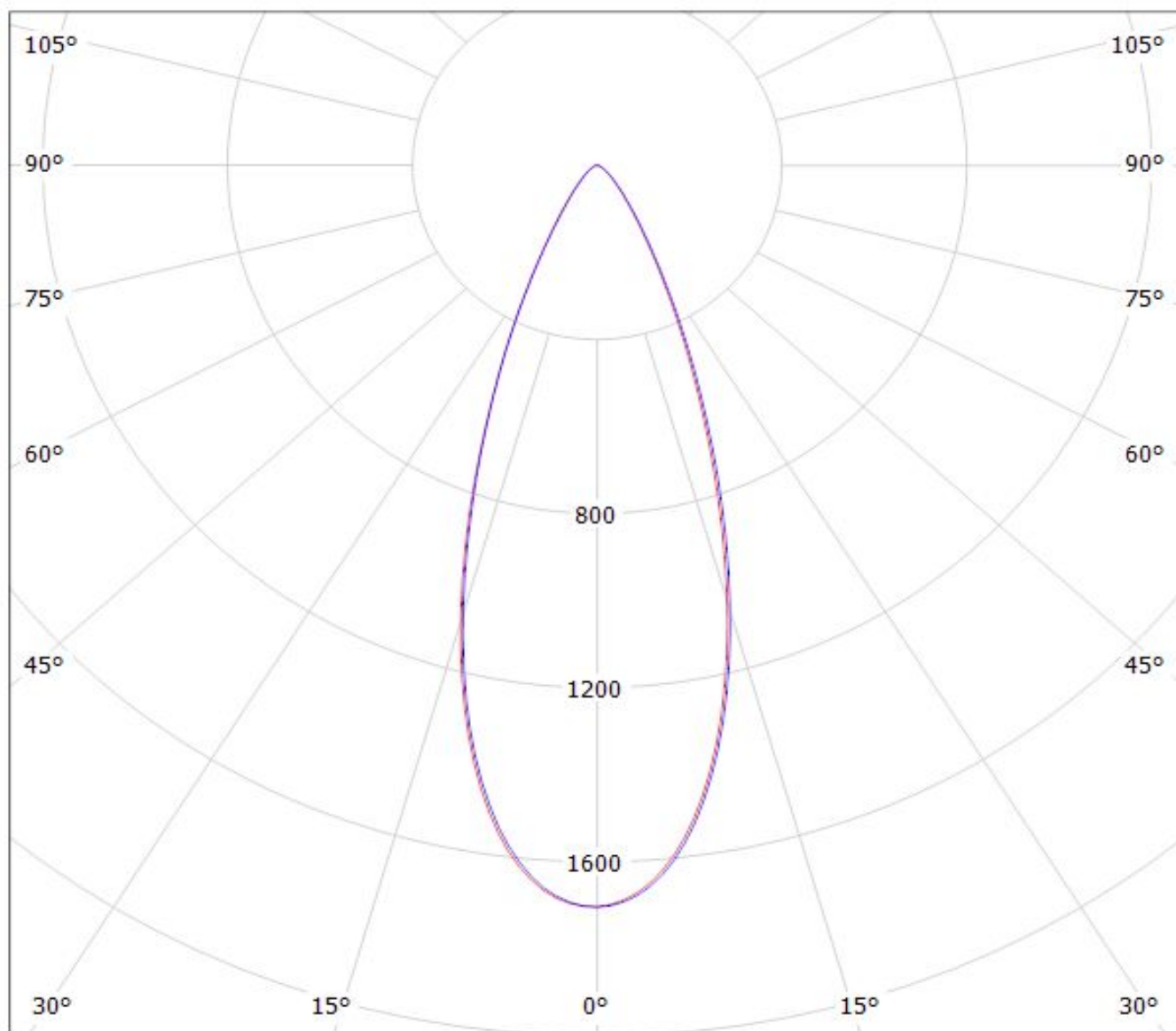


**LEDiL Oy CP12940_LARISA-M-CLIP8/CP12941_LARISA-M-CLIP16_
(LG3535_2W) Eff.89.1% / LDC (Polar)**

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)

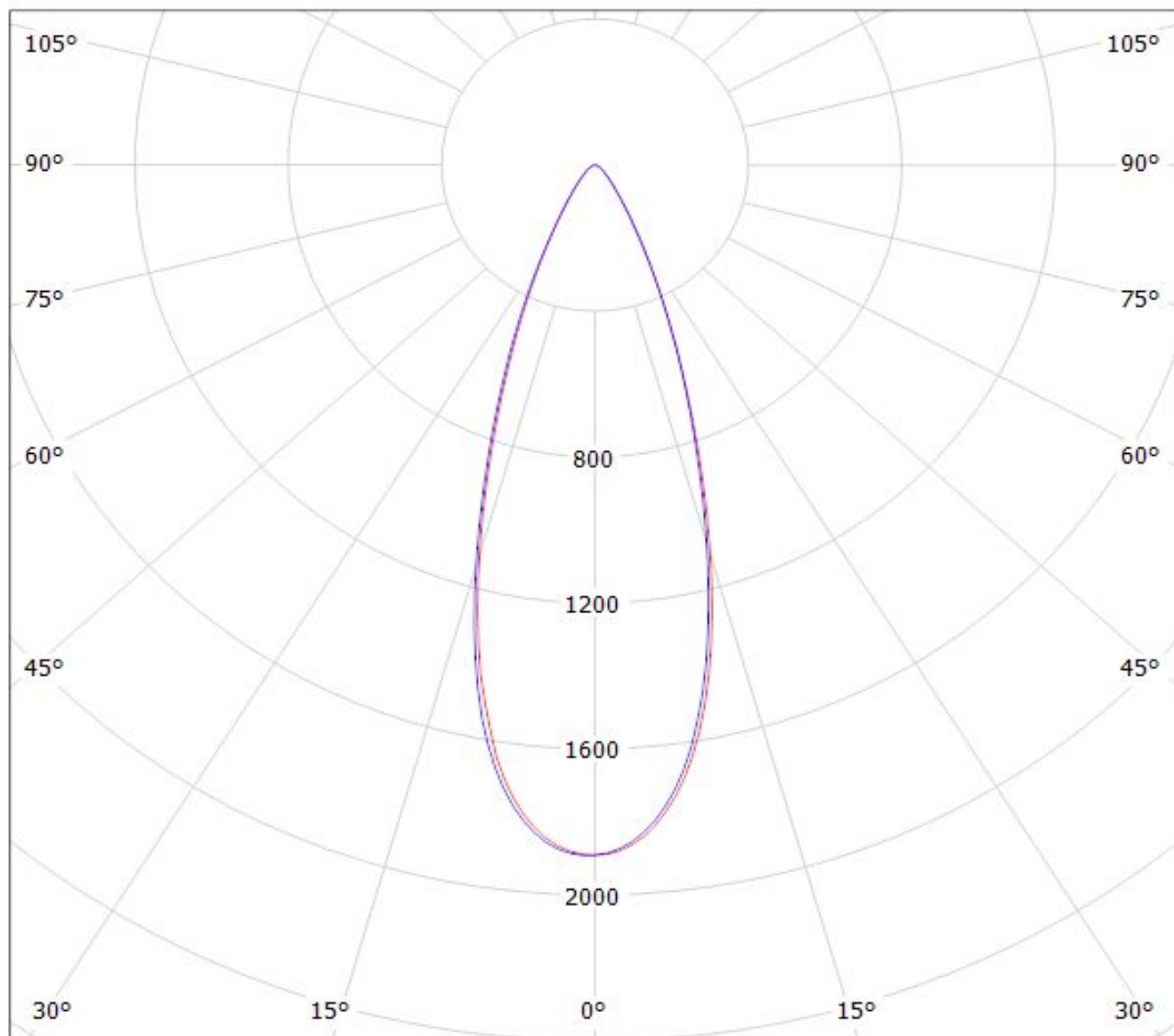


cd/klm

$\eta = 86\%$

— C0 - C180 — C90 - C270

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

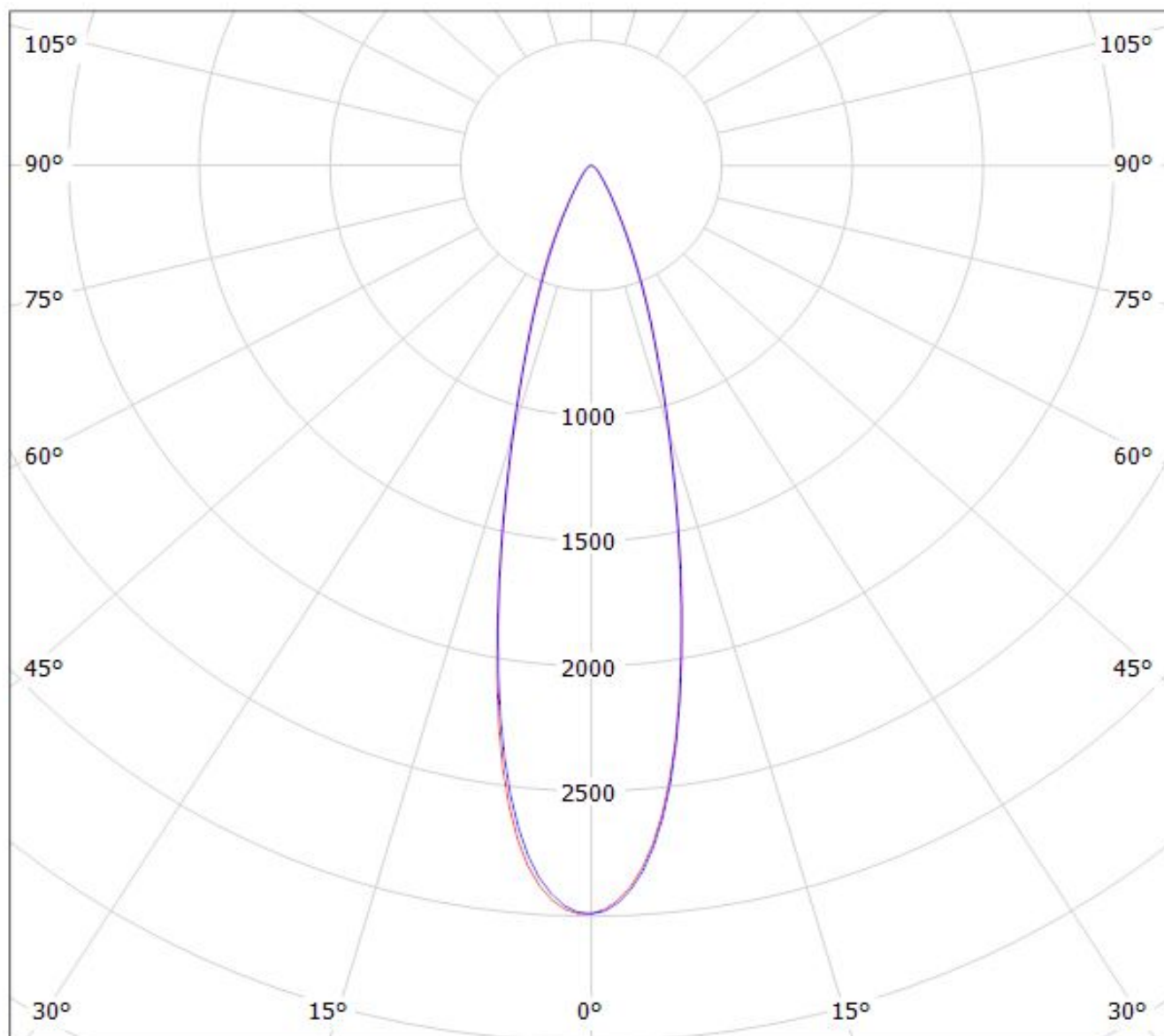


cd/klm

— 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

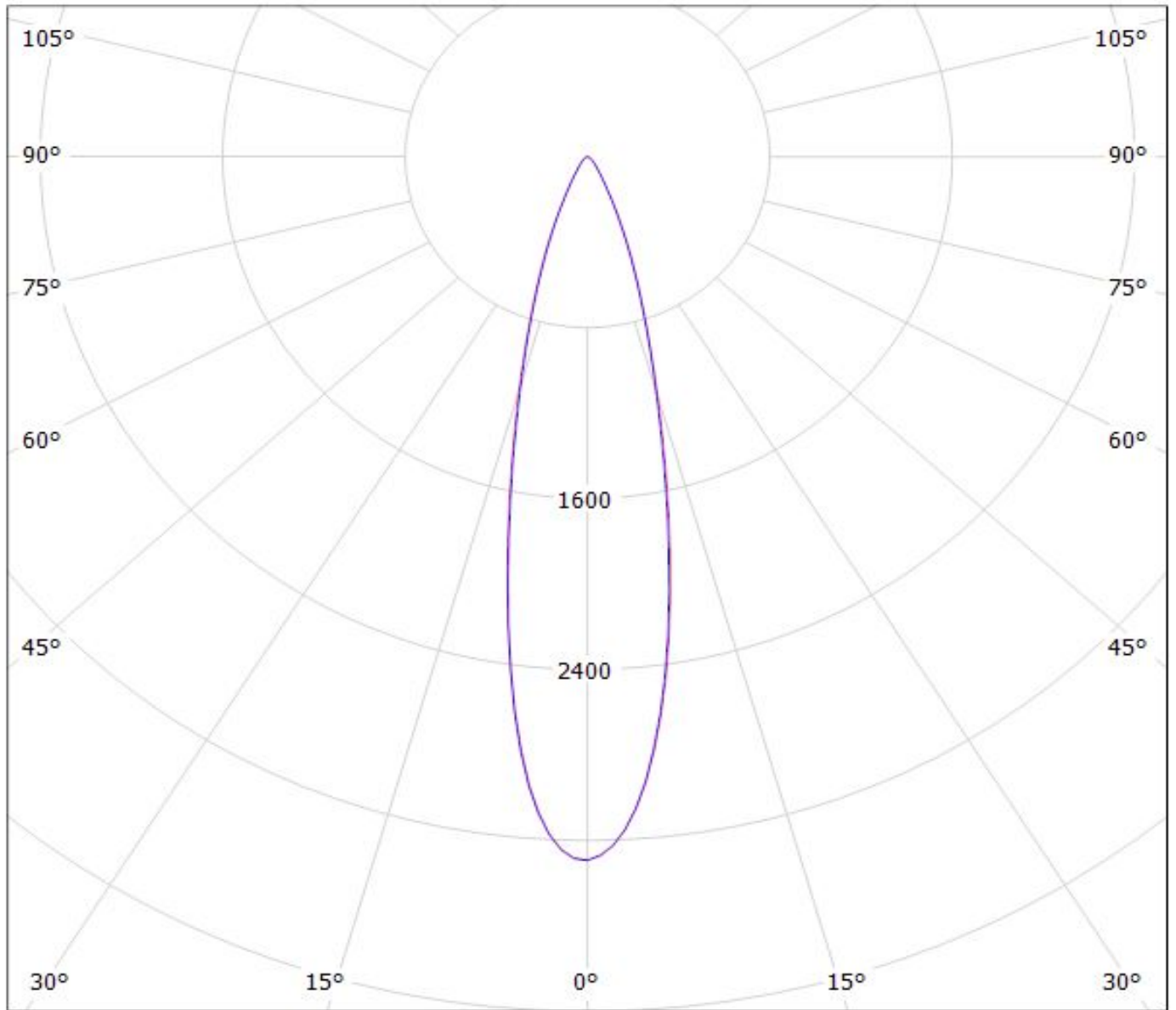
— C0 - C180

— 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



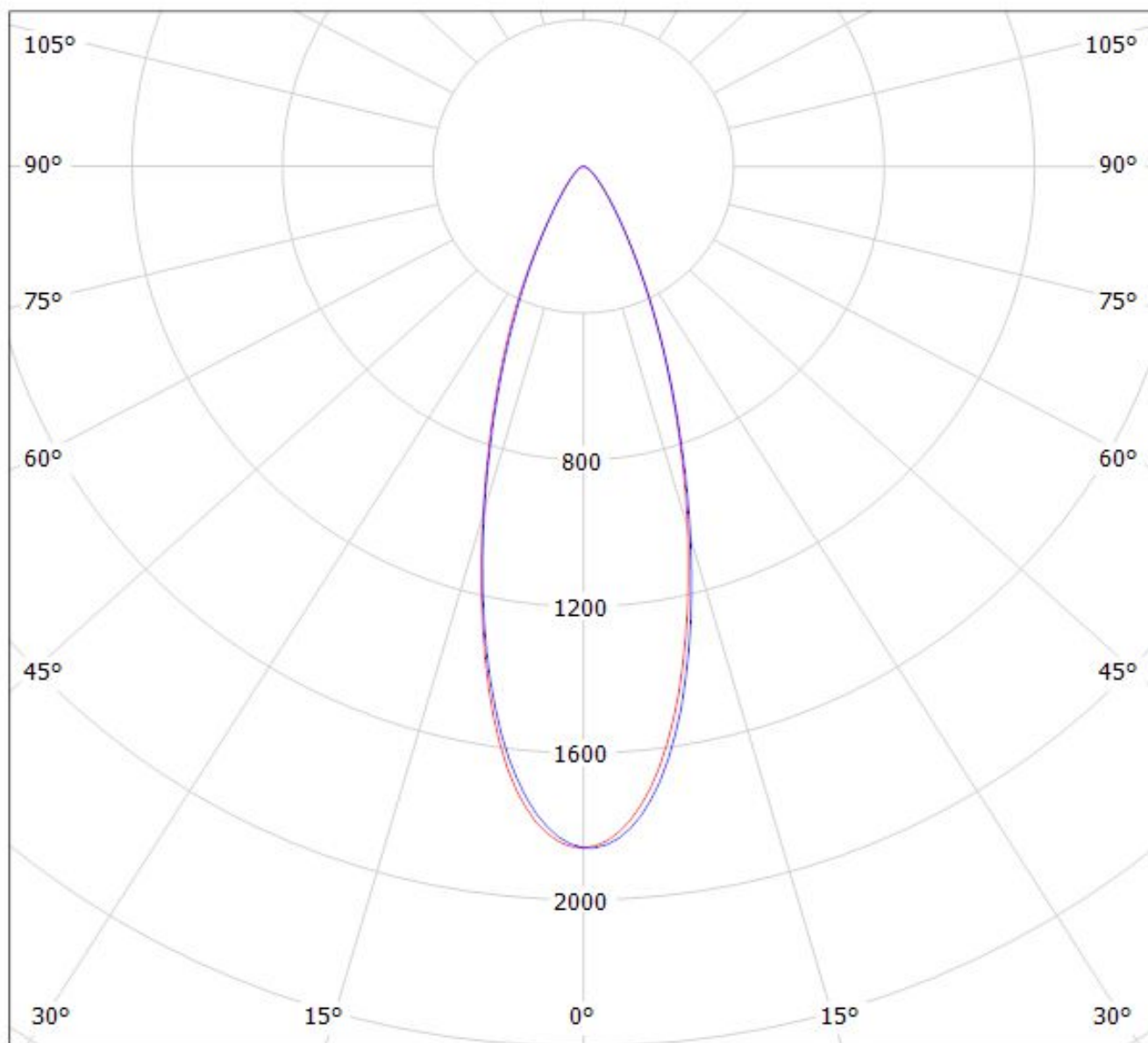
cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy LARISA-M_NV519_(CLIP8&CLIP16) Eff.83.5%
Lamps: 1 x NV519 (97.9644lm@250mA)



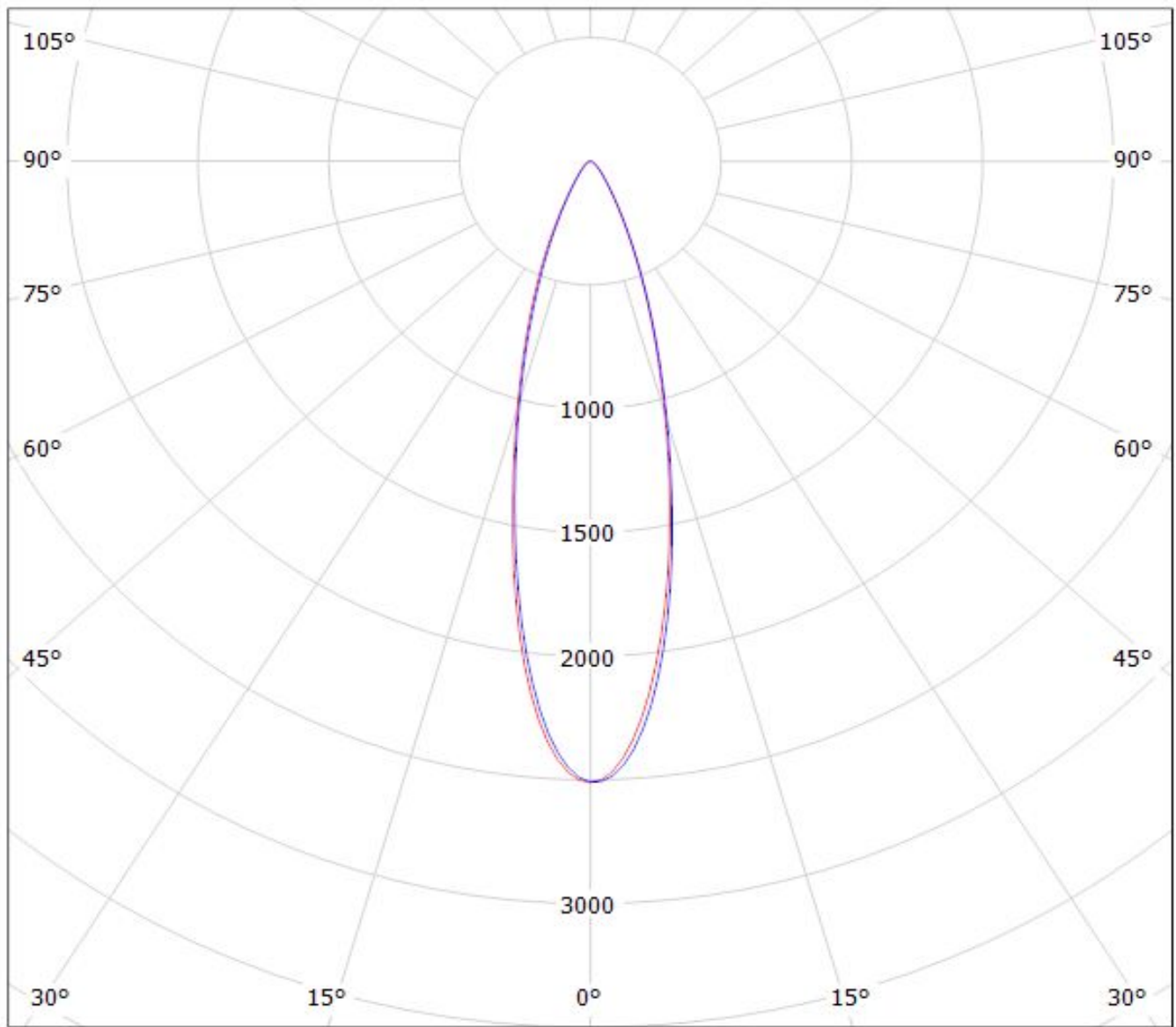
cd/klm

$\eta = 83\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy LARISA-M_NCS19_(CLIP8&CLIP16) Eff.84.6%
Lamps: 1 x NCS19 (88.2595lm@250mA)

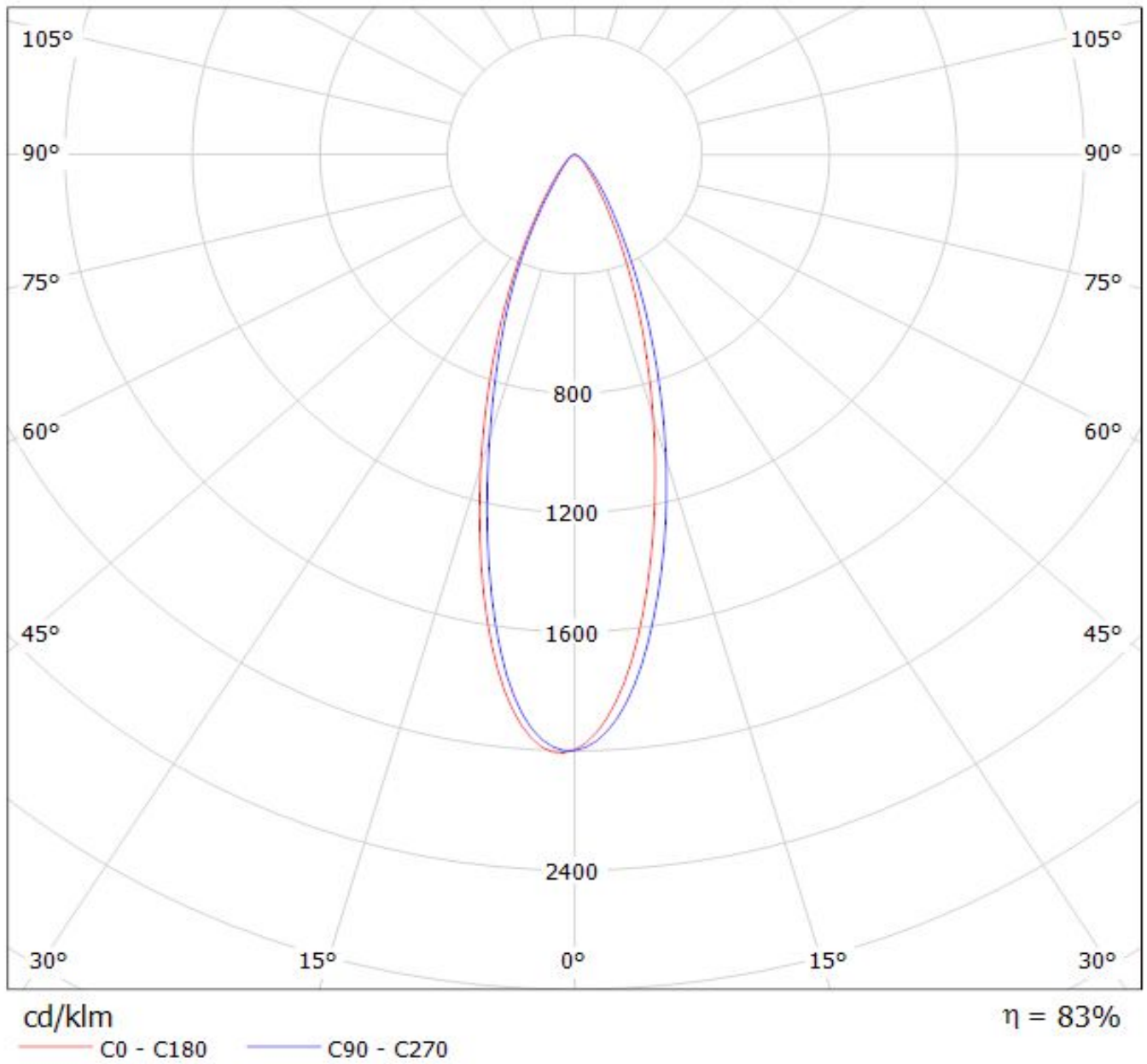


cd/klm

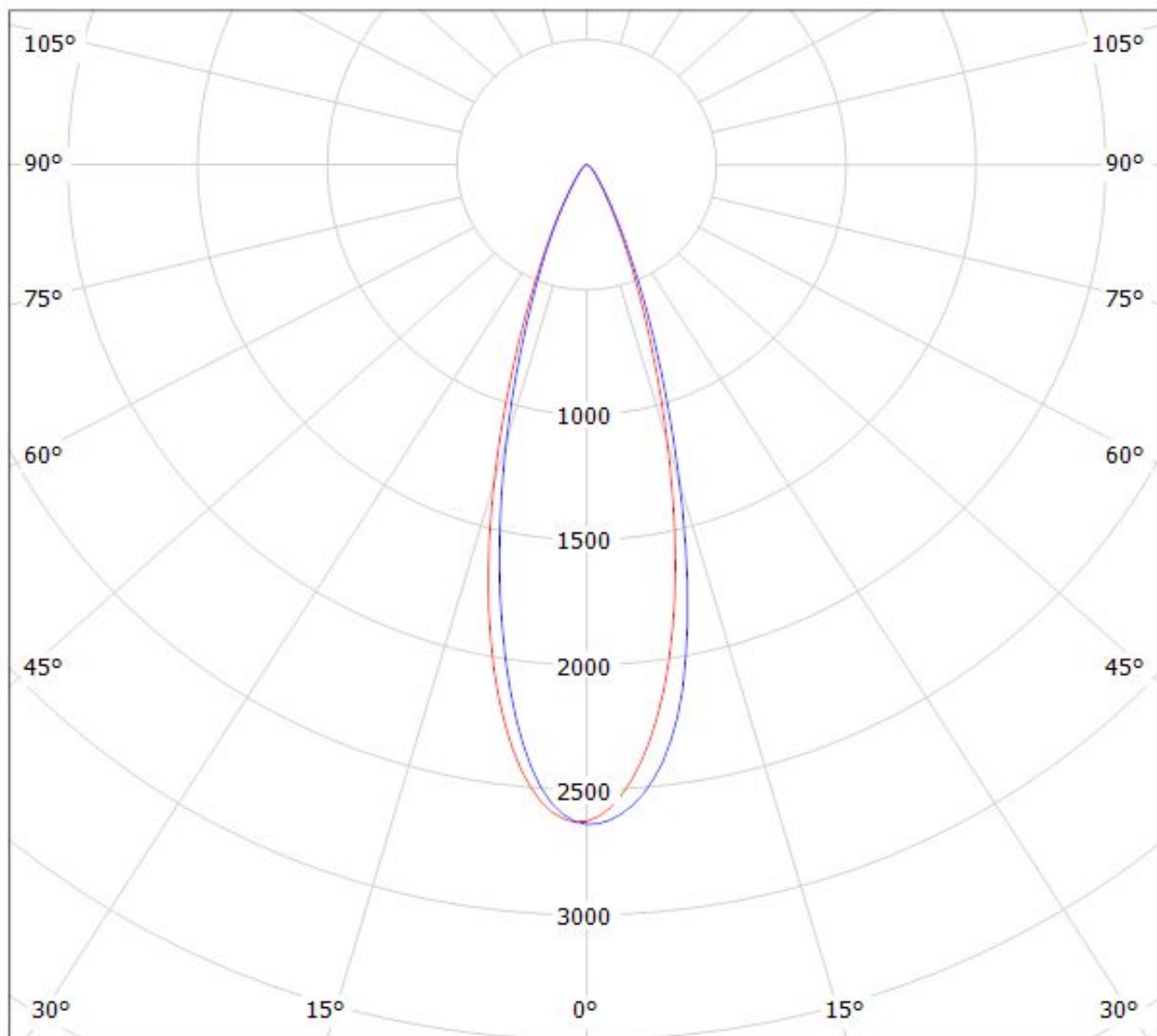
$\eta = 85\%$

— C0 - C180 — C90 - C270

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)



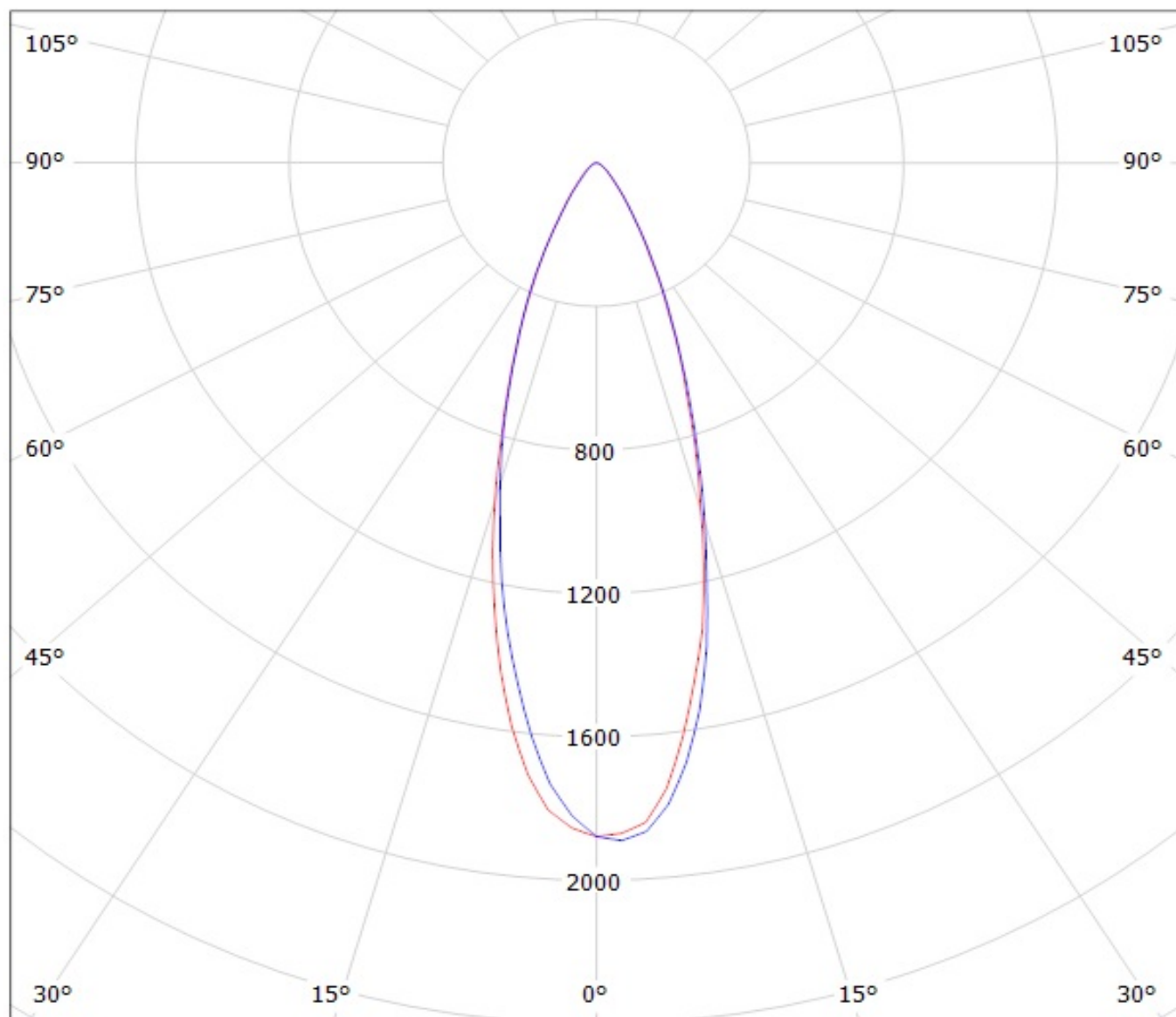
cd/klm

$\eta = 88\%$

— 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

η = 81%

— 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.