

DETAILS

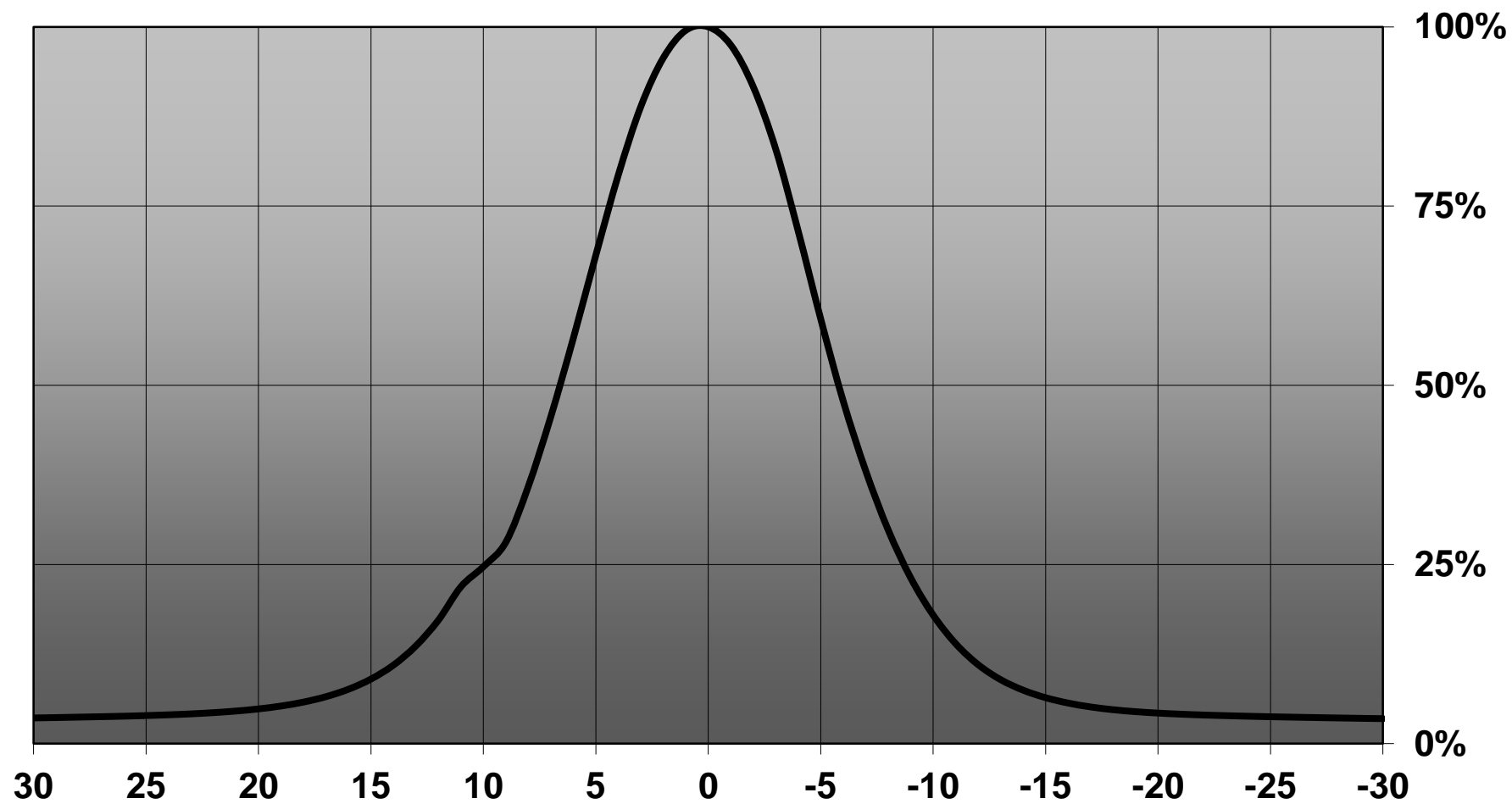
Product Number	CN13127_MIRELLA-50-S-PF
Family	Mirella
Type	RefPack
Color	metal
Diameter	49,9 mm
Height	24,8 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	socket, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	25/02/2016



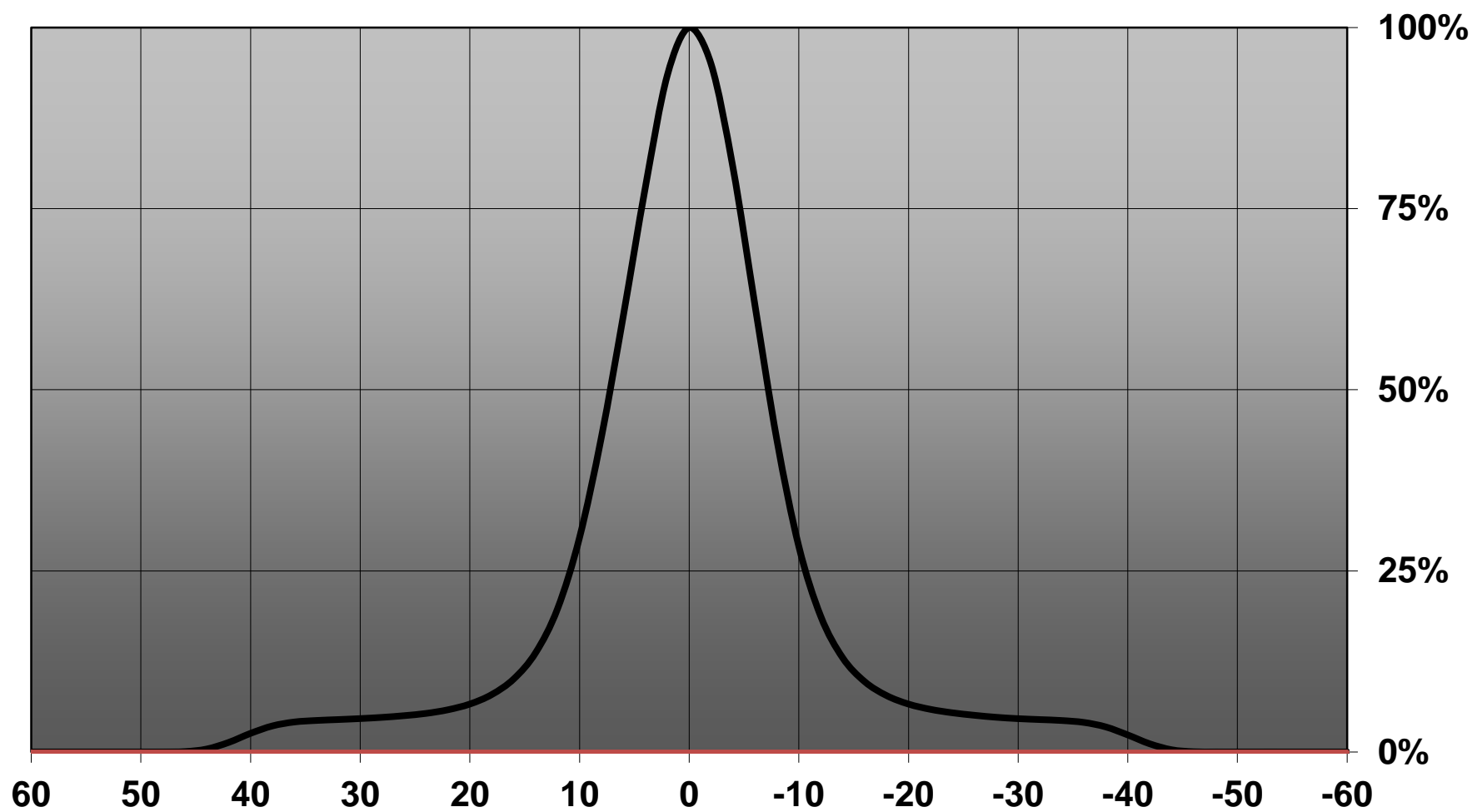
OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency		
	Angle	Beam	ciency	cd/lm	Connector
Duris S8	sim: 9,5	Spot	sim: 94 %	sim: 12.500-	
Soleriq S9	sim: 21	Spot	sim: 91 %	sim: 3.500	LEDiL: LEDiL
XHP50	11 deg	Spot	89 %	9.200	-
MK-R	12 deg	Spot	87 %	8.100	-
Duris S10	12 deg	Spot	88 %	9.100	LEDiL: LEDiL
SLE G5 LES6	12 deg	Spot	89 %	8.980	LEDiL: LEDiL
CLU700	13 deg	Spot	89 %	7.300	-
CLL01x	14 deg	Spot	88 %	7.700	-
COB 4W	14 deg	Spot	91 %	6.700	-
CXM-6	14 deg	Spot	86 %	6.700	-
MHD-E/G	14 deg	Spot	93 %	6.100	-
XHP70	15 deg	Spot	89 %	0.630	-
MT-G	17 deg	Spot	90 %	5.300	-
Mini Zenigata (GW6BM)	17 deg	Spot	91 %	4.800	-
CXM-7	17 deg	Spot	87 %	5.100	-
MT-G2	18 deg	Spot	88 %	4.200	-
ZC4/6	18 deg	Spot	88 %	4.800	-
CLL02x/CLU02x (LES10)	19 deg	Spot	87 %	4.200	-
SLE G5 LES11	21 deg	Spot	88 %	3.390	LEDiL: LEDiL

Relative intensity of CN13127_MIRELLA-50-S-PF_(Duris_S10)



Relative intensity of Mirella-S-4WLG



D

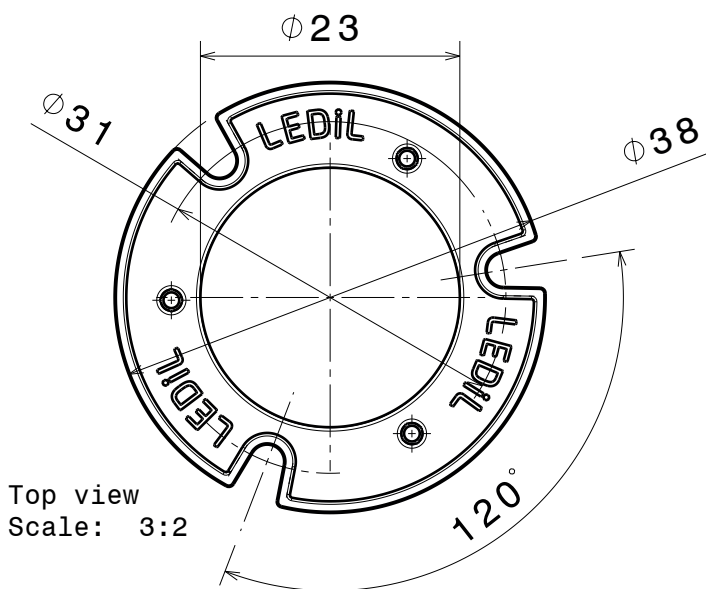
C

B

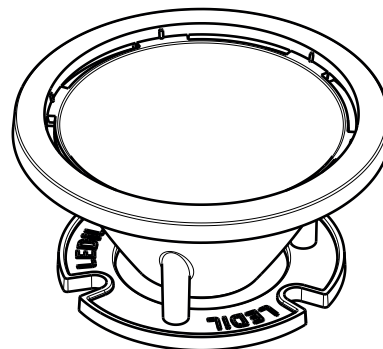
A

NOTE: It is recommended to use glue like DELO-PUR 9895 for pin fastening.

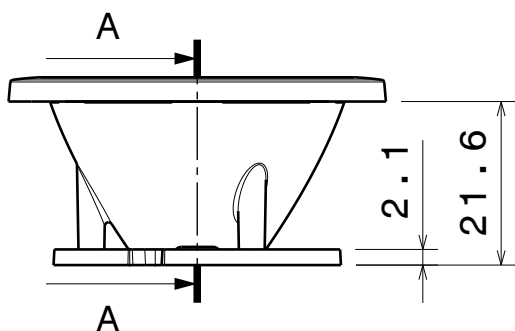
[http://www.delo.de/fileadmin/datasheet/DELO-PUR_9895_\(TIDB-GB\).pdf](http://www.delo.de/fileadmin/datasheet/DELO-PUR_9895_(TIDB-GB).pdf)



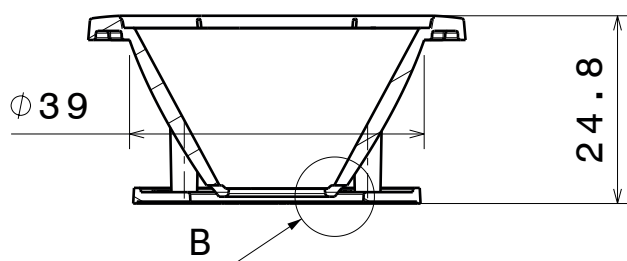
Top view
Scale: 3:2



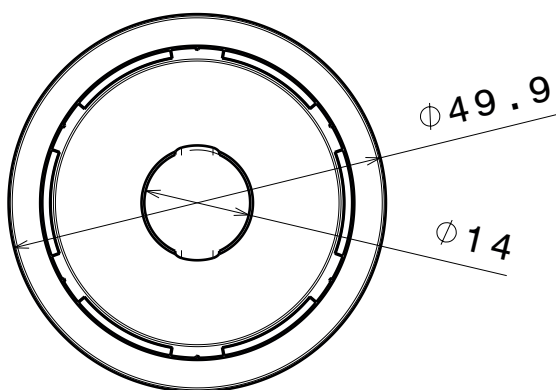
Isometric view



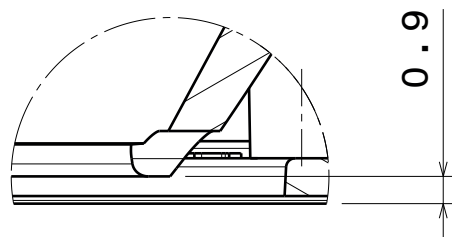
Front view



Section view A-A



Top view



Detail B

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13085	MIRELLA-50-S-PF	PC	Metal
2	C13083	MIRELLA-SOCKET	PC	White

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LEDIL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Mechanical drawing

DATASHEET MIRELLA-50-S-PF

DRAWN BY

jp

DATE

15.1.2014

CHECKED BY

-

DATE

-

DESIGNED BY

as

DATE

-

SIZE

A4

SCALE

1:1

WEIGHT

-

SHEET

1/1

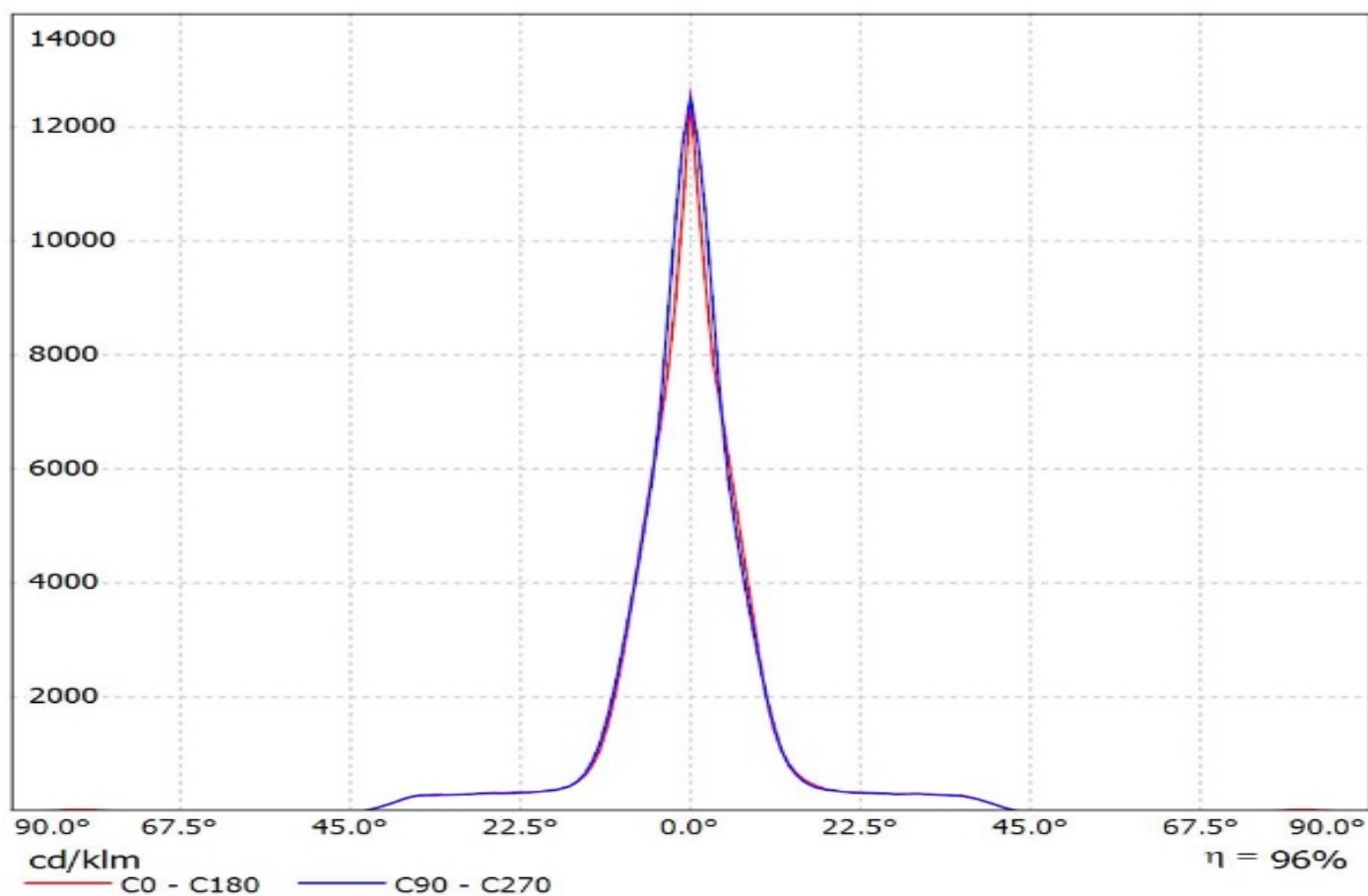
REV

001

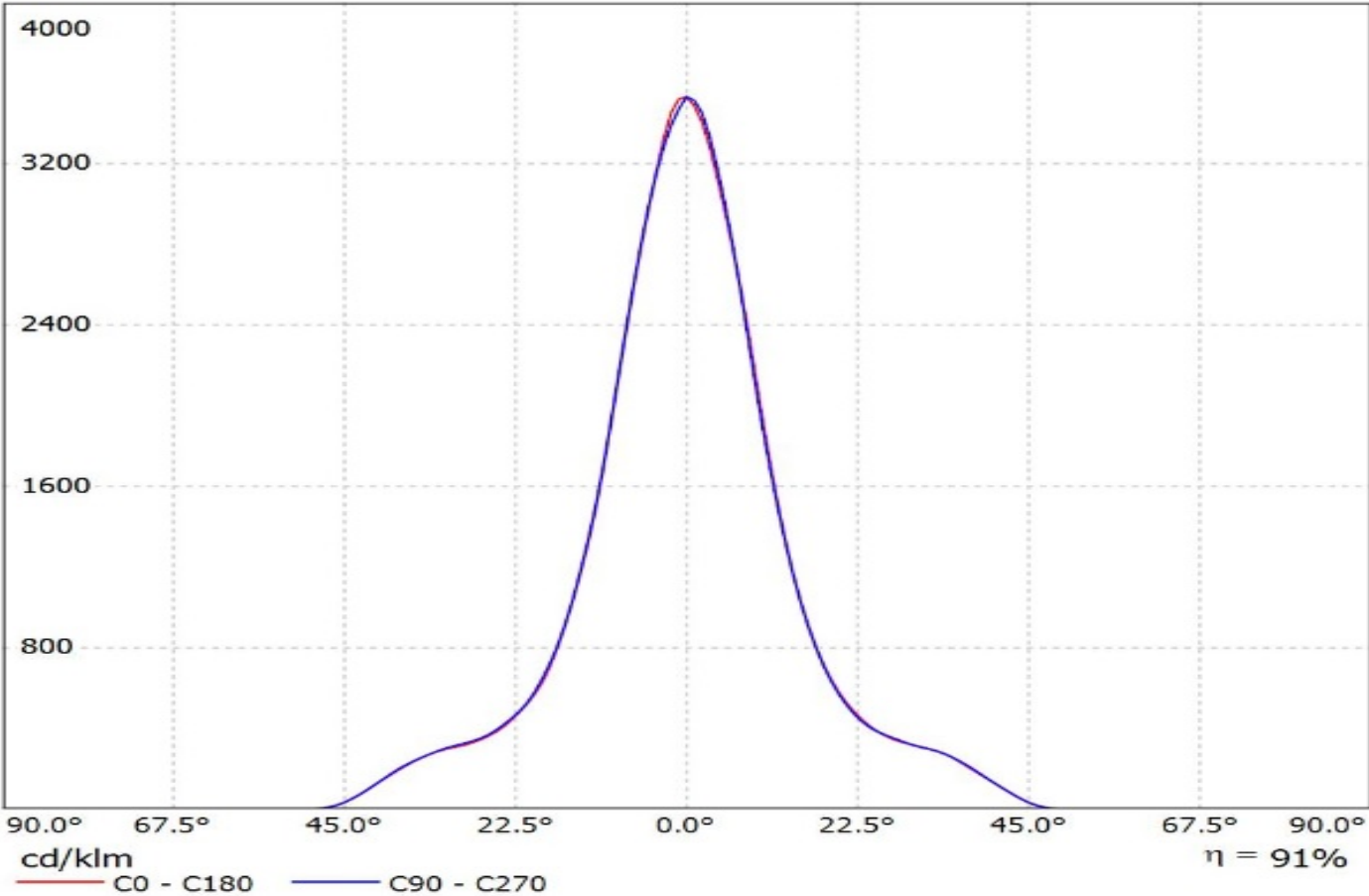
D

A

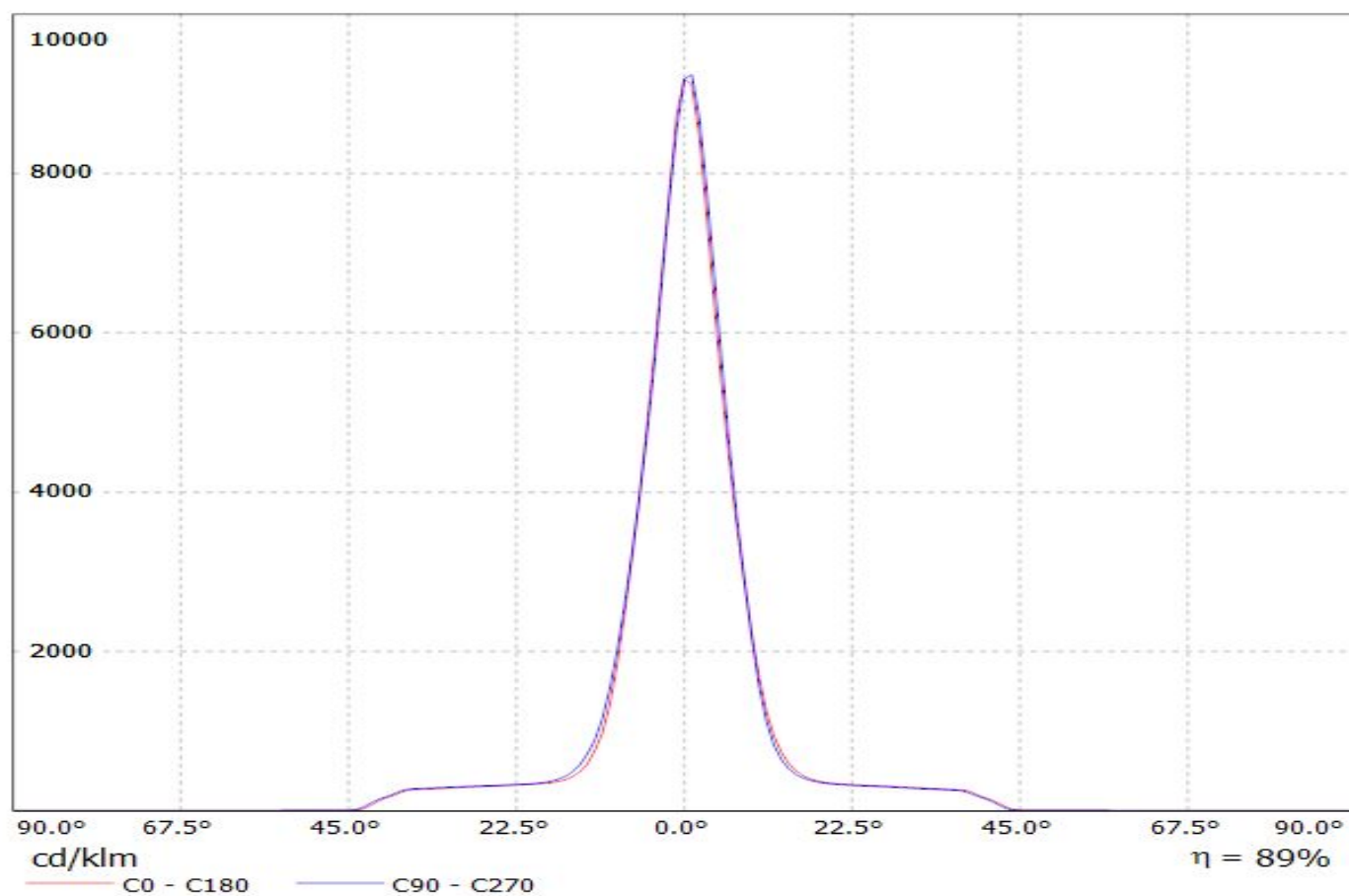
Luminaire: Ledil Oy CN13127_MIRELLA-50-S-PF_(Duris_S8)_SIMULATED
Lamps: 1 x Osram Duris S8



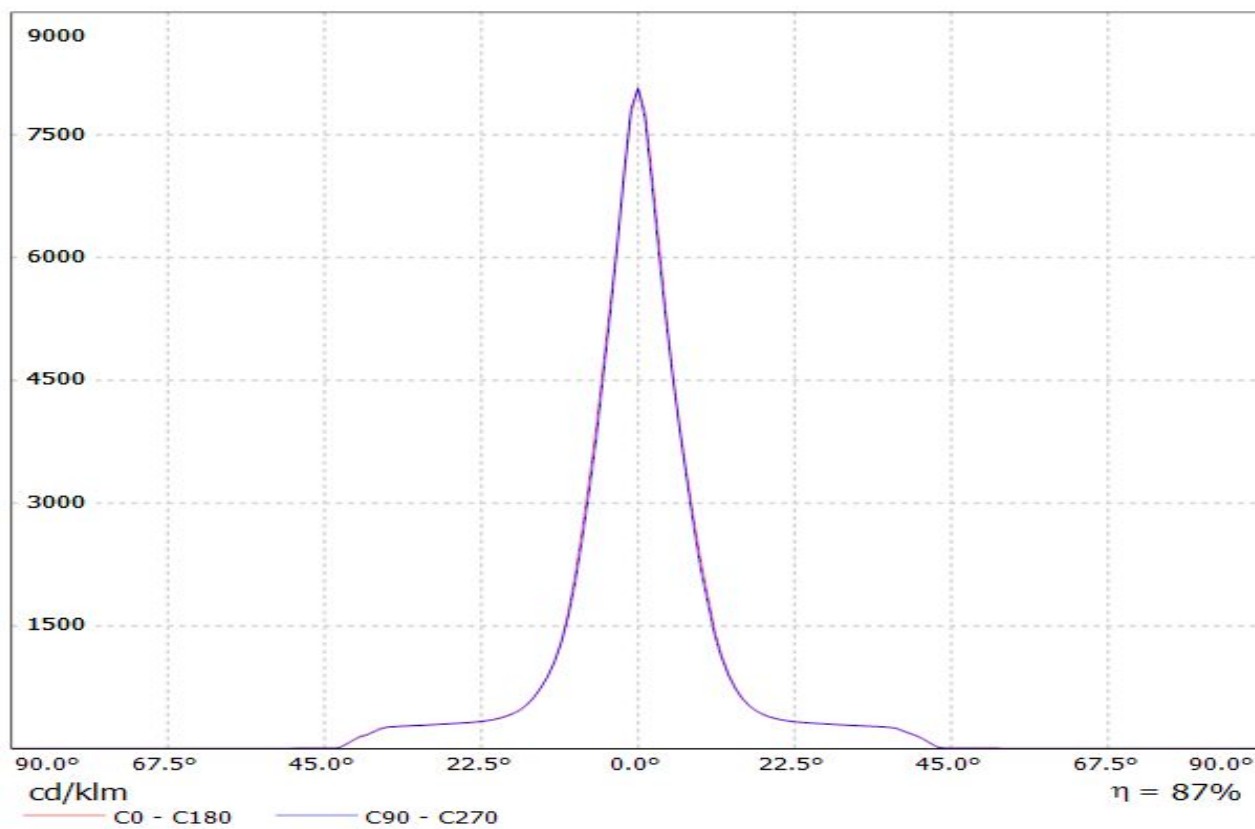
Luminaire: Ledil Oy CN13127_MIRELLA-50-S-PF_(Soleriq_S9)_SIMULATED
Lamps: 1 x Osram Soleriq S9 (GW KAJFB3.EM)



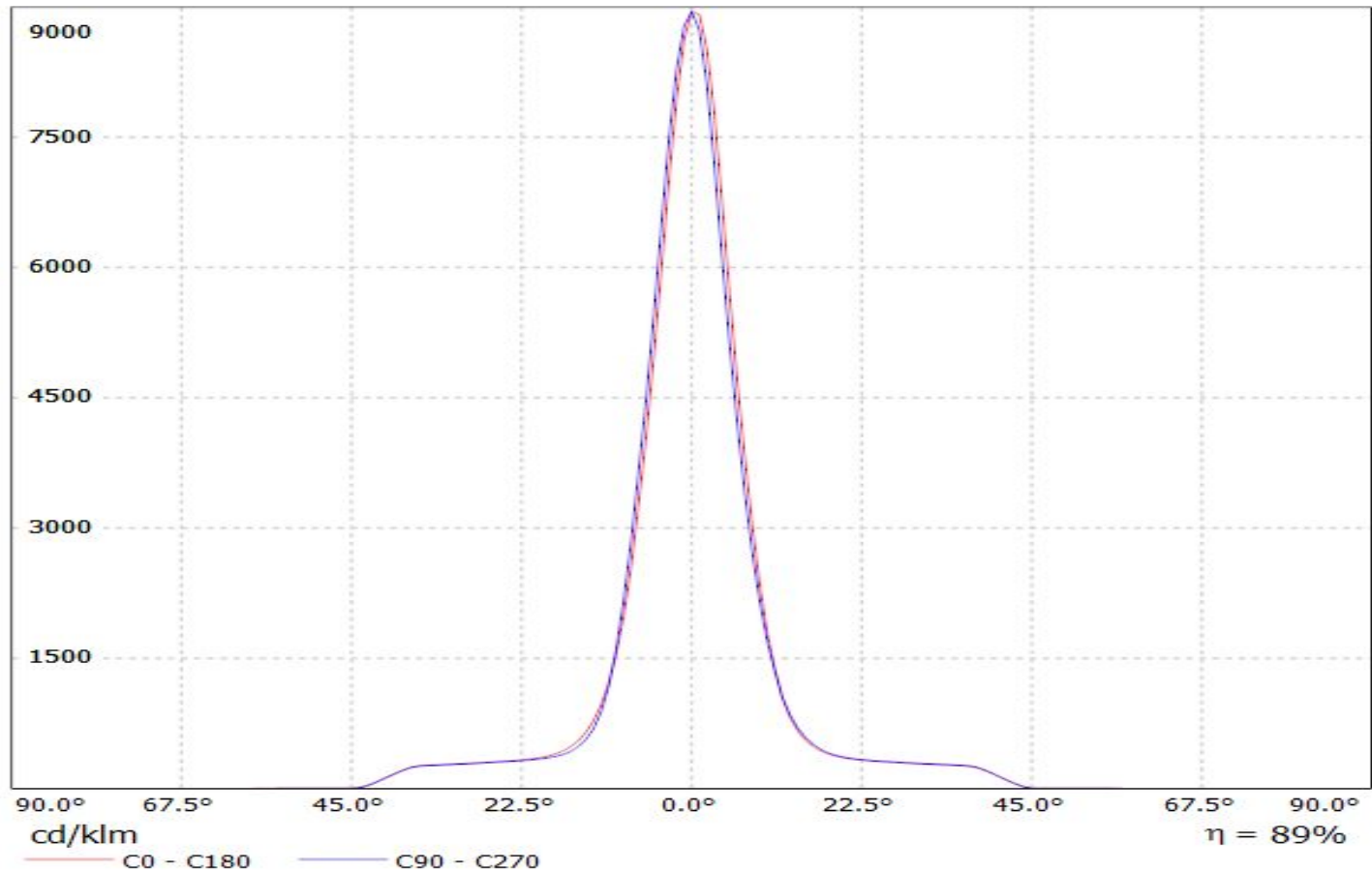
Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(Cree_XHP50_WW)
Lamps: 1 x Cree_XHP50_WW_196.271lm@250mA_P=1.39897W_I=0.2499A



Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(MK-R) Eff.87.4%
Lamps: 1 x CREE_MK-R_361lm@250mA_P=2.84311W_I=249.9mA

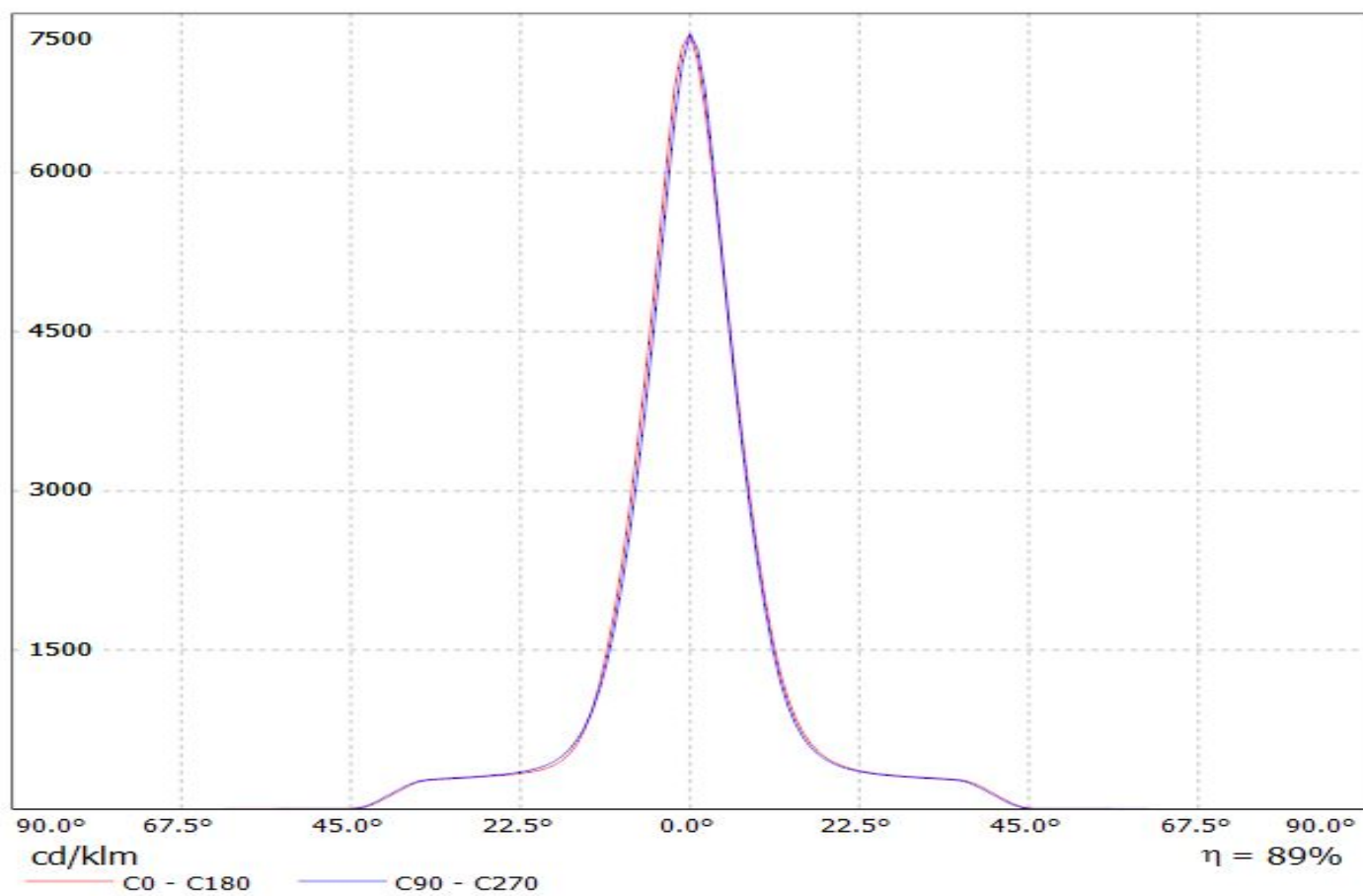


Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(SLE-G5_LES-6)_(C13083_PF-SOCKET)
Lamps: 1 x Tridonic_SLE-G5_LES-6_468.743lm@100mA_P=3.3717W_I=0.100A

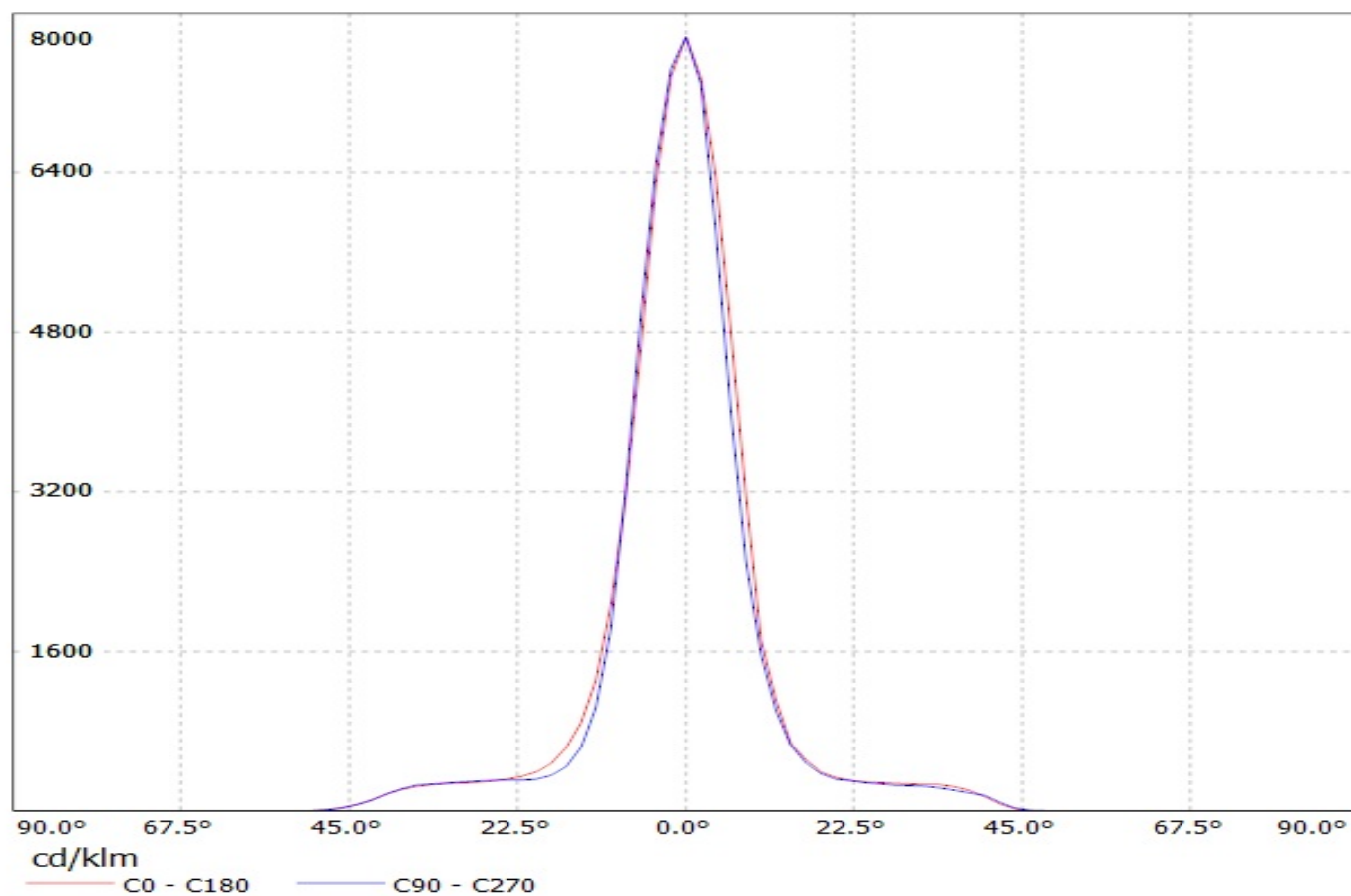


Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(CLU700)

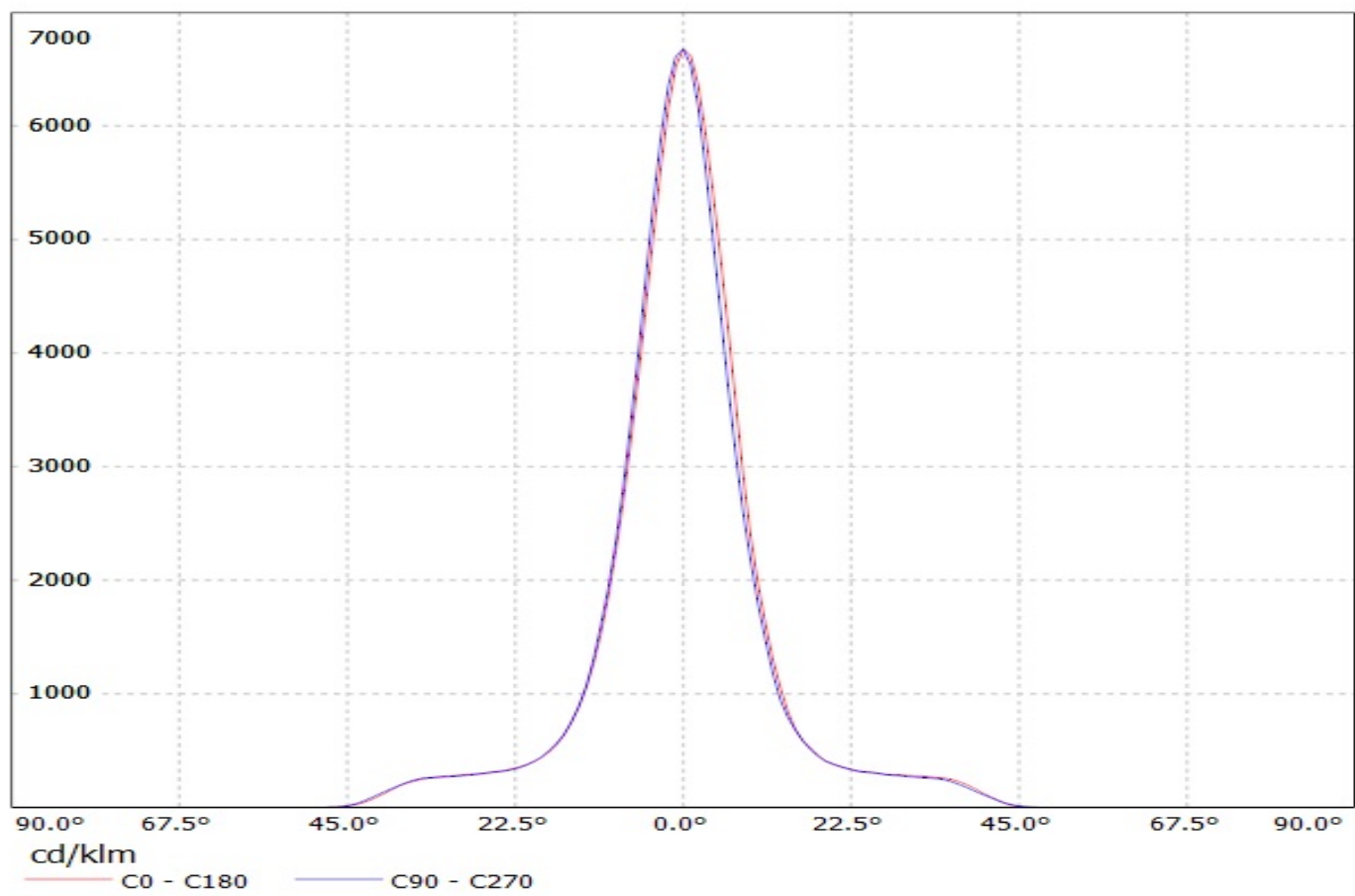
Lamps: 1 x Citizen_CLU700_C13083_PF-SOCKET_394.785lm@100mA_P=2.92999W_I=0.1044A



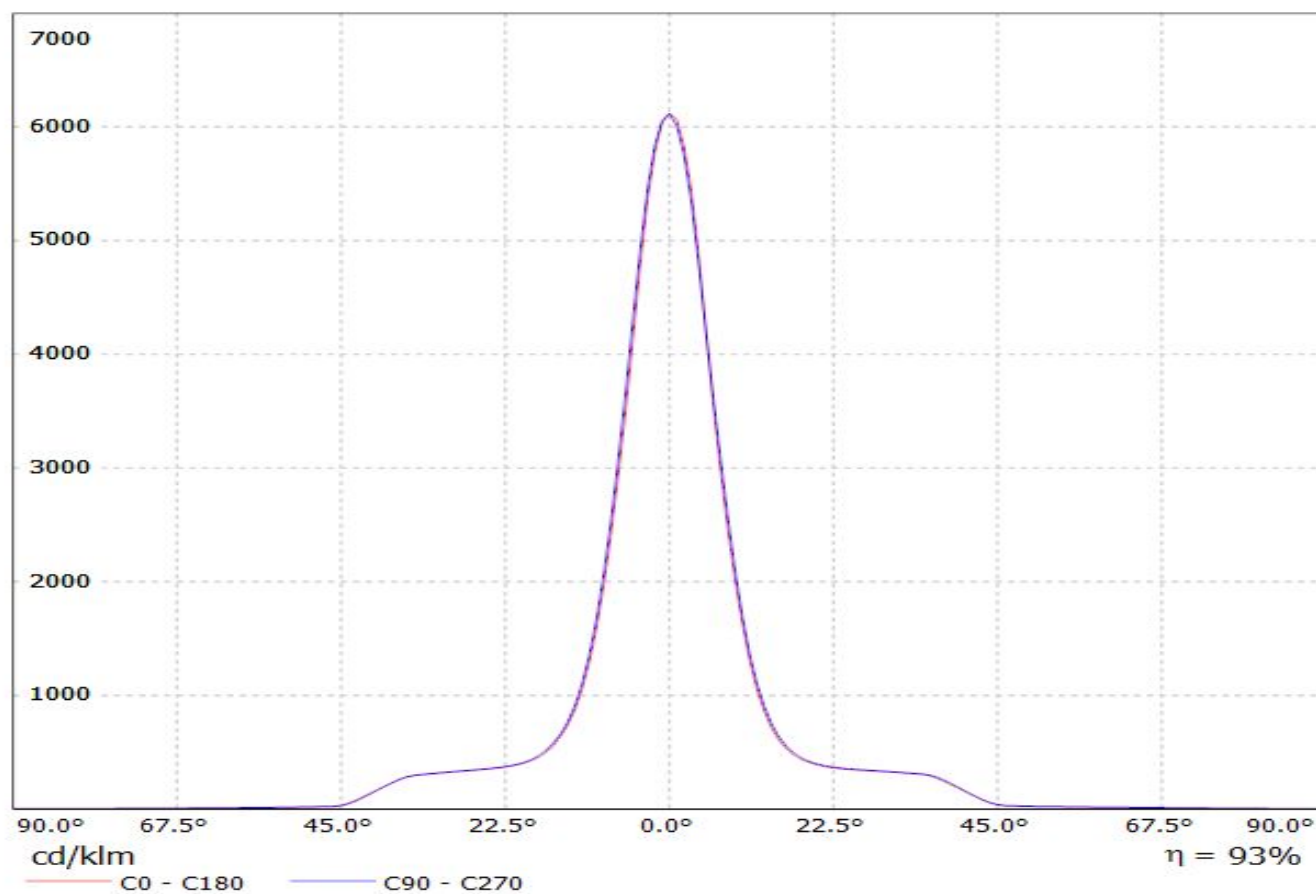
Luminaire: Ledil oy CN13127_MIRELLA-50-S-PF (Citizen CII010 113lm @ 100mA) Efficiency=88%
Lamps: 1 x Citizen CII010 113lm @ 100mA



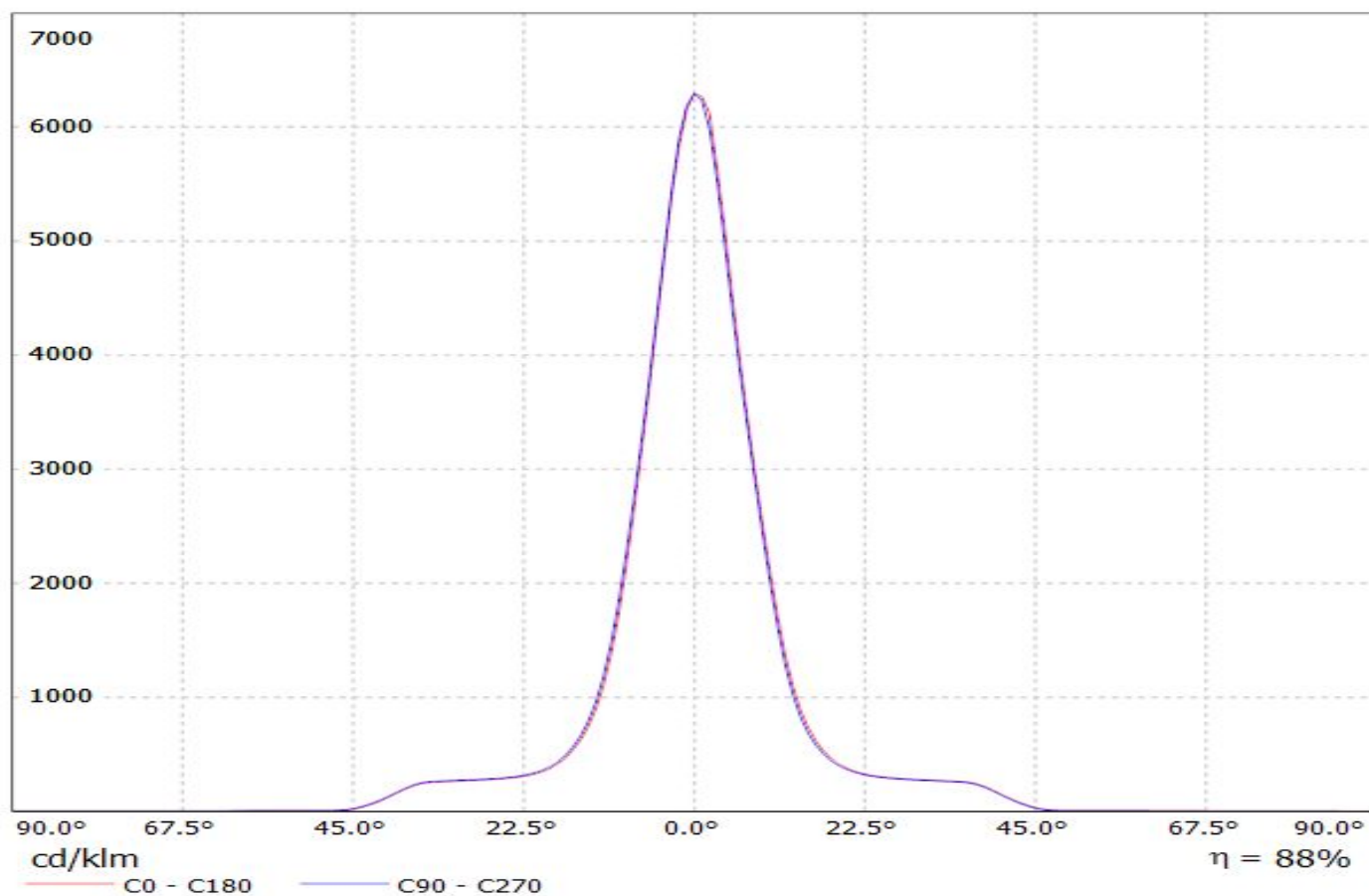
Luminaire: LEDil Oy CN13127_MIRELLA-50-S-PF_(CXM-6) Efficiency=86%
Lamps: 1 x Luminus XNOVA CXM-6 (437lm @ 120mA) CCT=3200K P=4.2W I=120mA



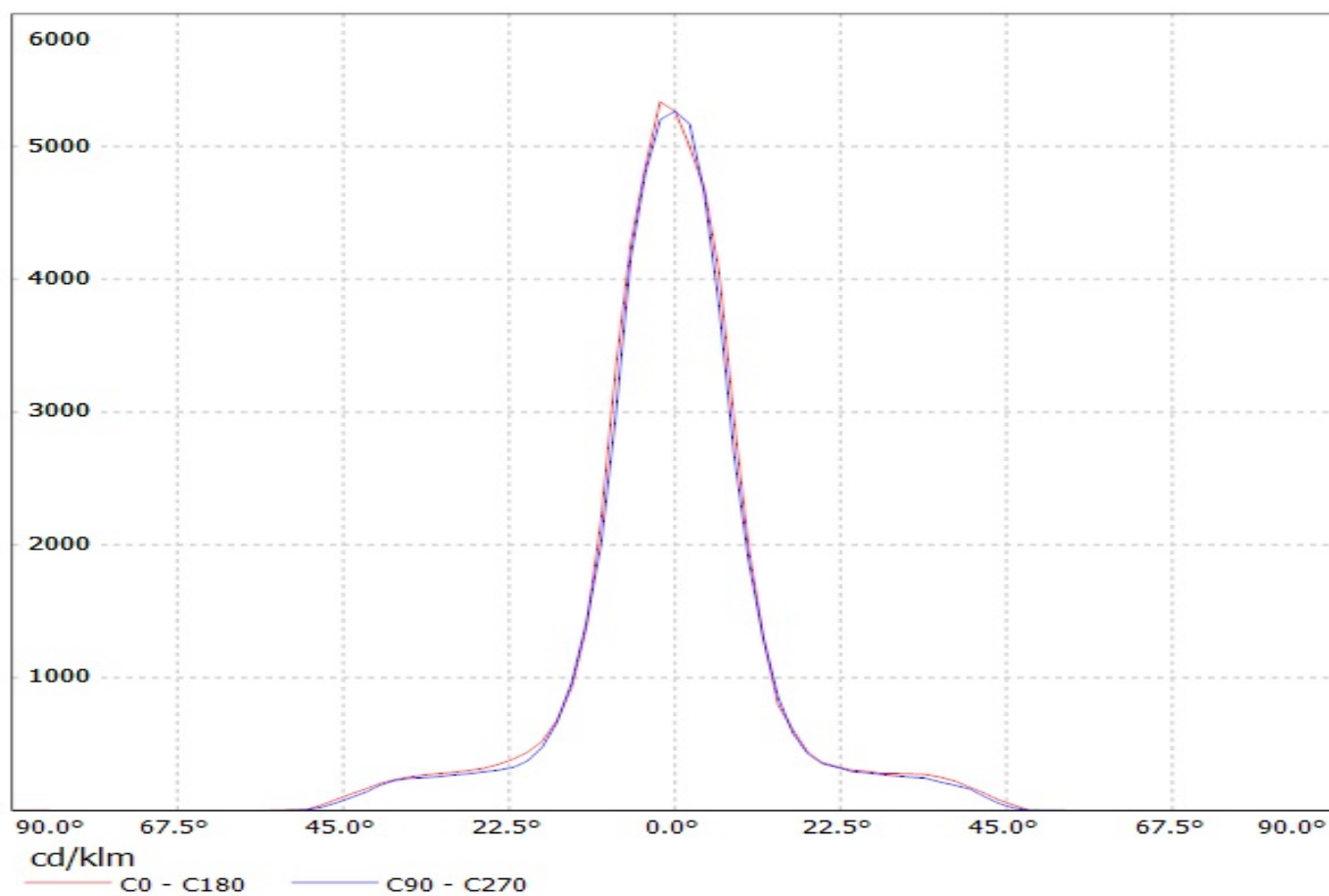
Luminaire: Ledil CN13127_MIRELLA-50-S-PF_(MHD-G)
Lamps: 1 x Cree MHD-G_530.44lm@100mA_P=3.0W_I=0.100A



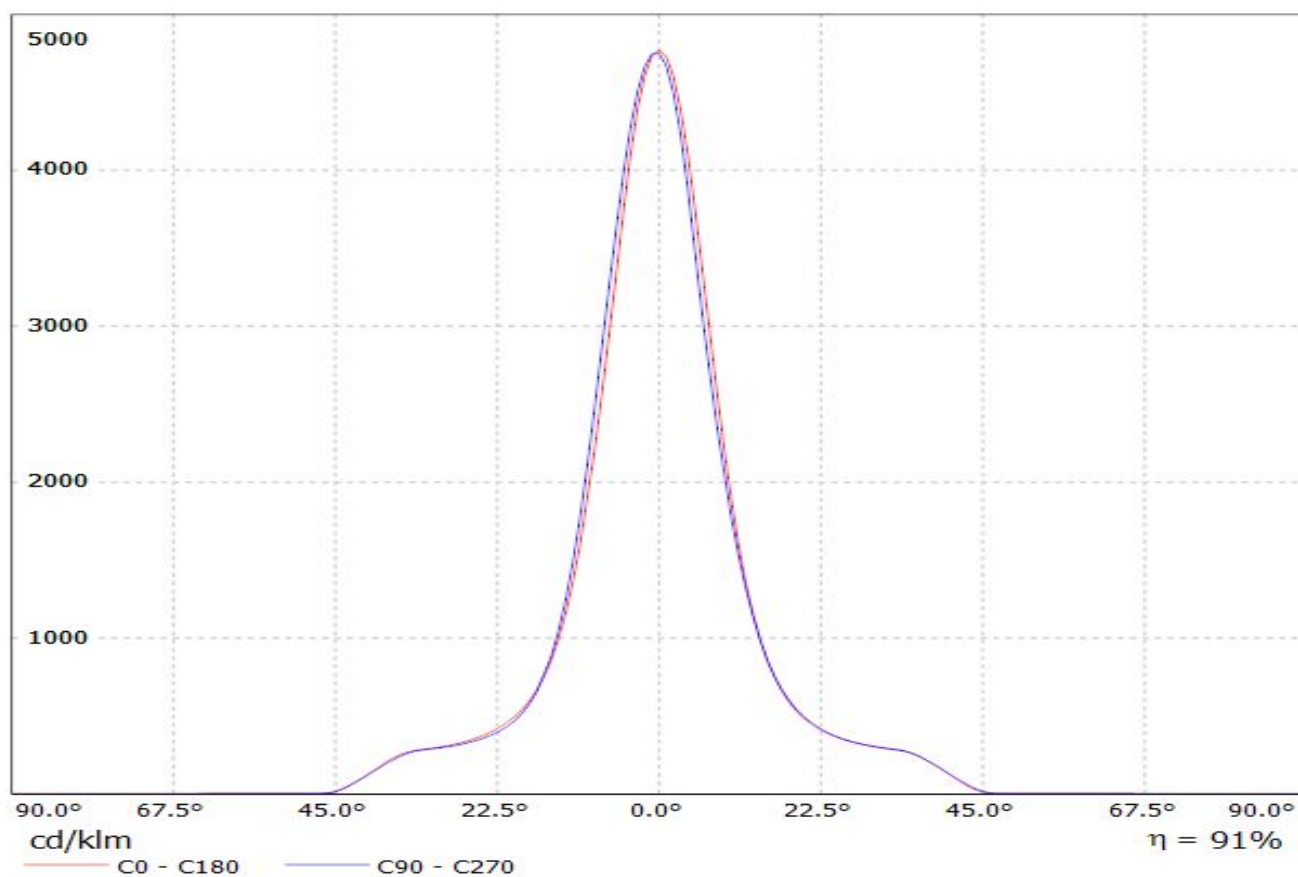
Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(XHP70)
Lamps: 1 x Cree_XHP70_262.055lm@250mA_P=1.38275W_I=249.9mA



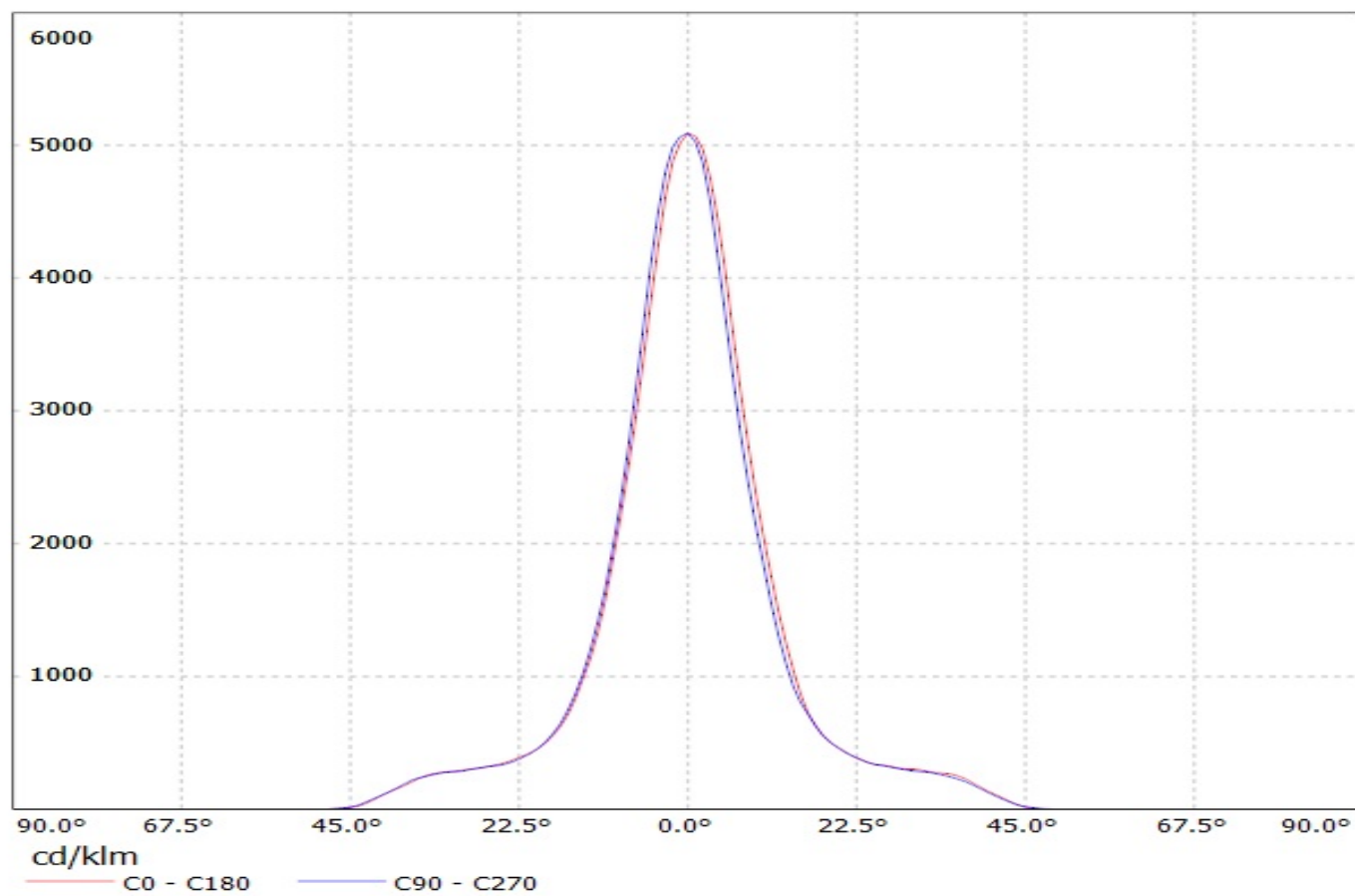
Luminaire: Ledil oy CN13127_MIRELLA-50-S-PF (Cree MT-G 714lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree MT-G 714lm @ 250mA



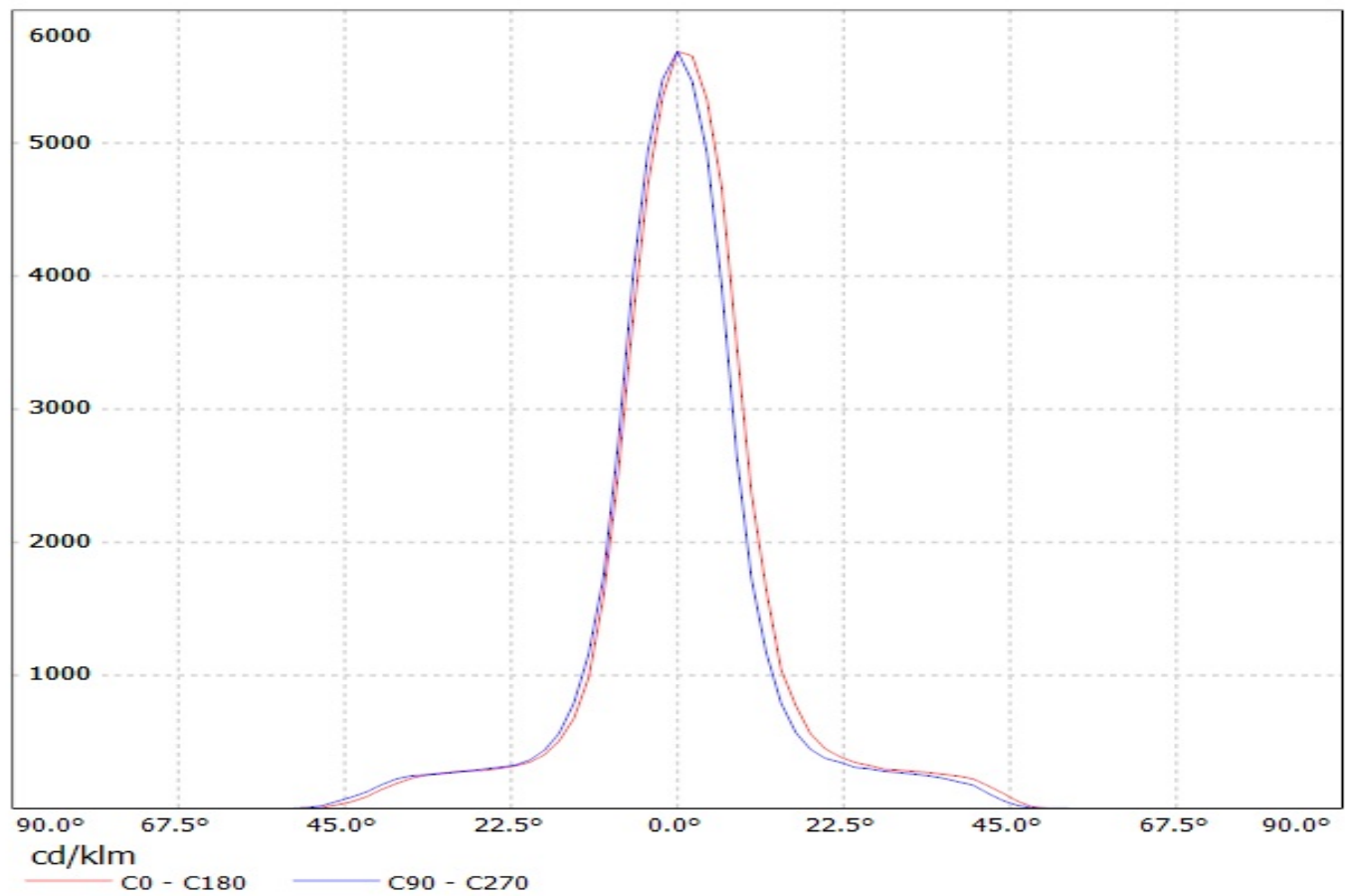
Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(Mini_Zenigata_GW6BM) Eff.91.1%
Lamps: 1 x Mini_Zenigata_GW6BM (803.772lm@250mA)



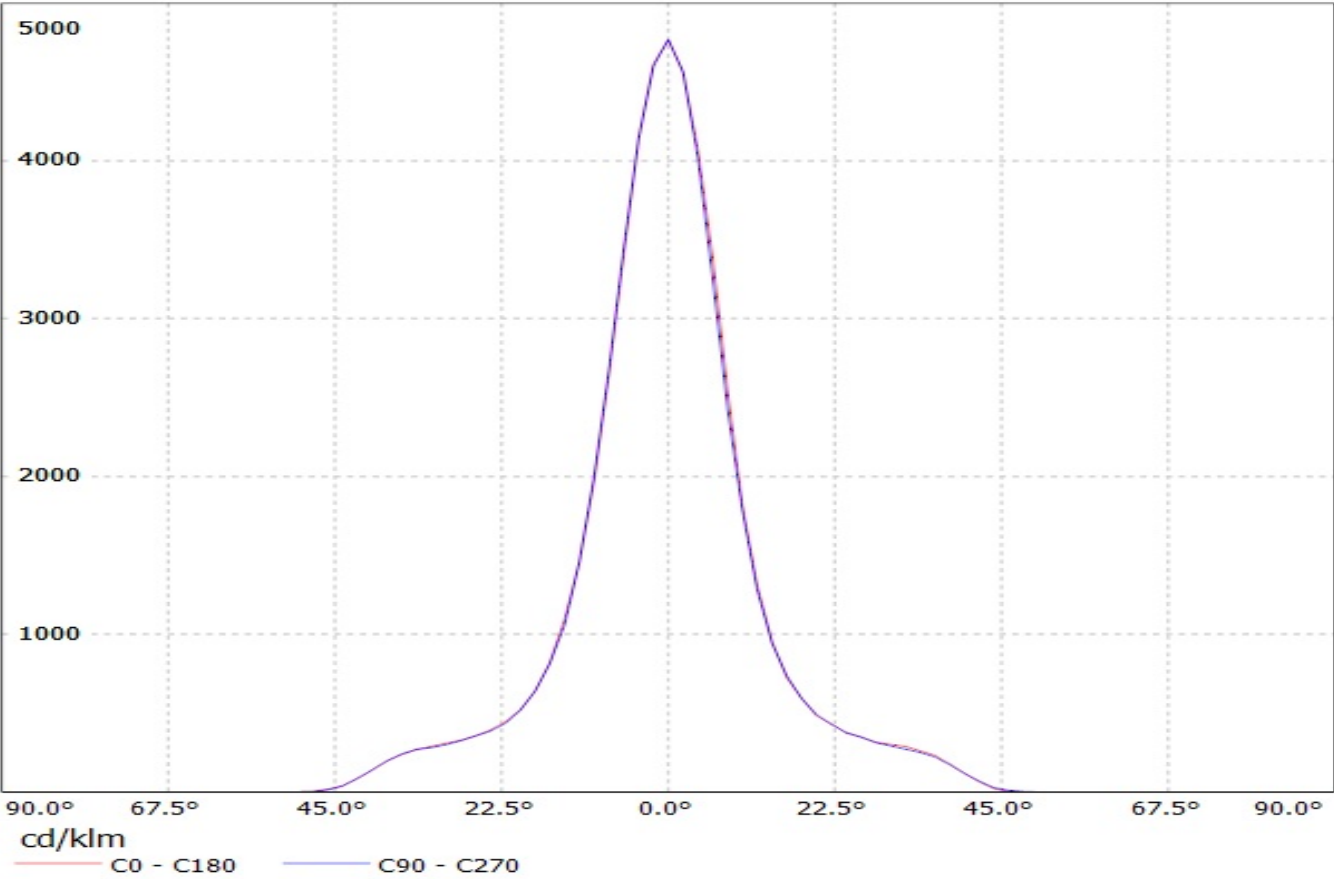
Luminaire: LEDil Oy CN13127_MIRELLA-50-S-PF_(CXM-7) Efficiency=87%
Lamps: 1 x Luminus XNOVA CXM-7 (522lm @ 160mA) CCT=2900K P=5.6W I=160mA



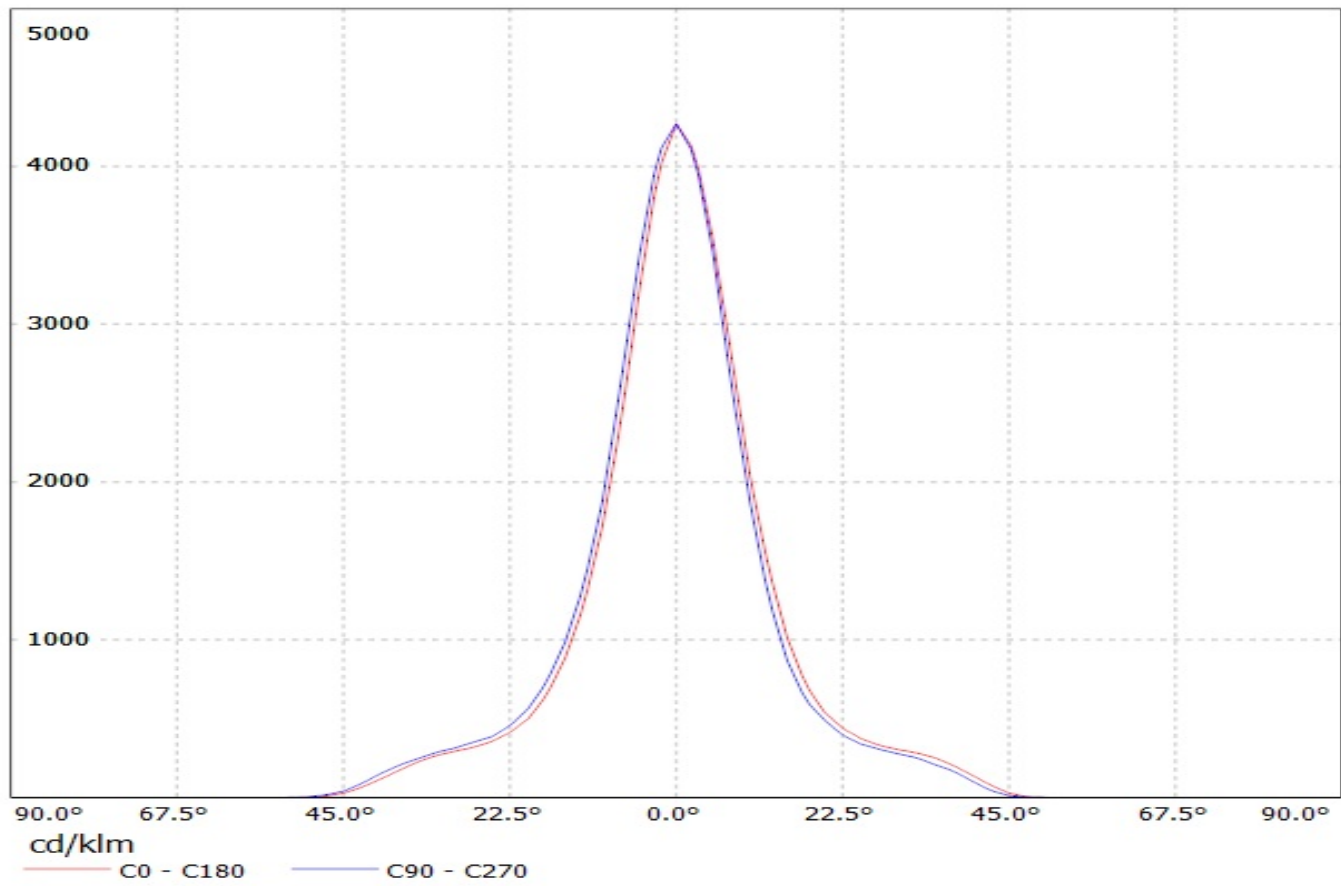
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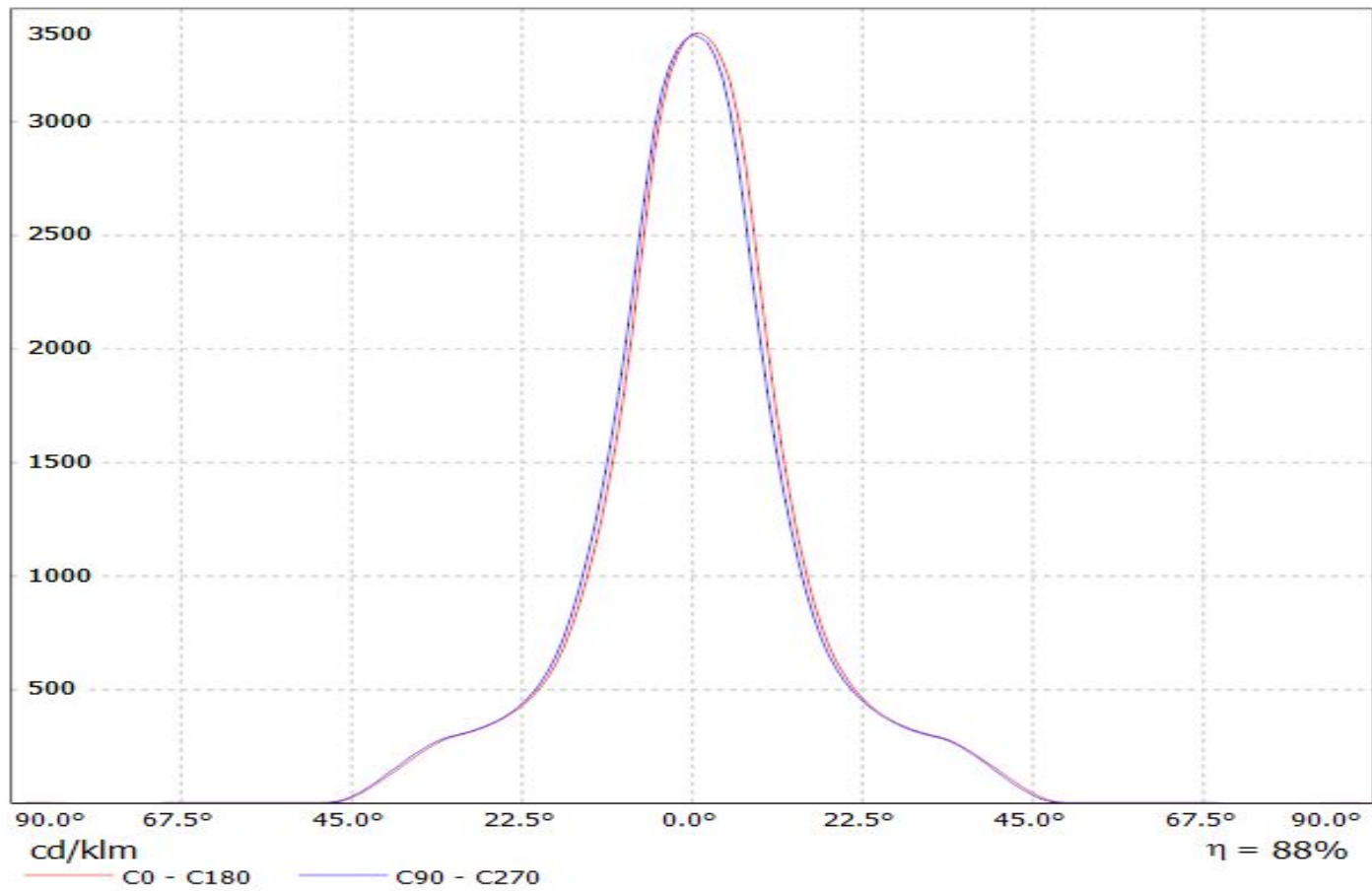
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Lamps: 1 x Seoul ZC6 (SDW81F1C) 422lm @ 100mA CCT=3100K P=3.4W I=100mA



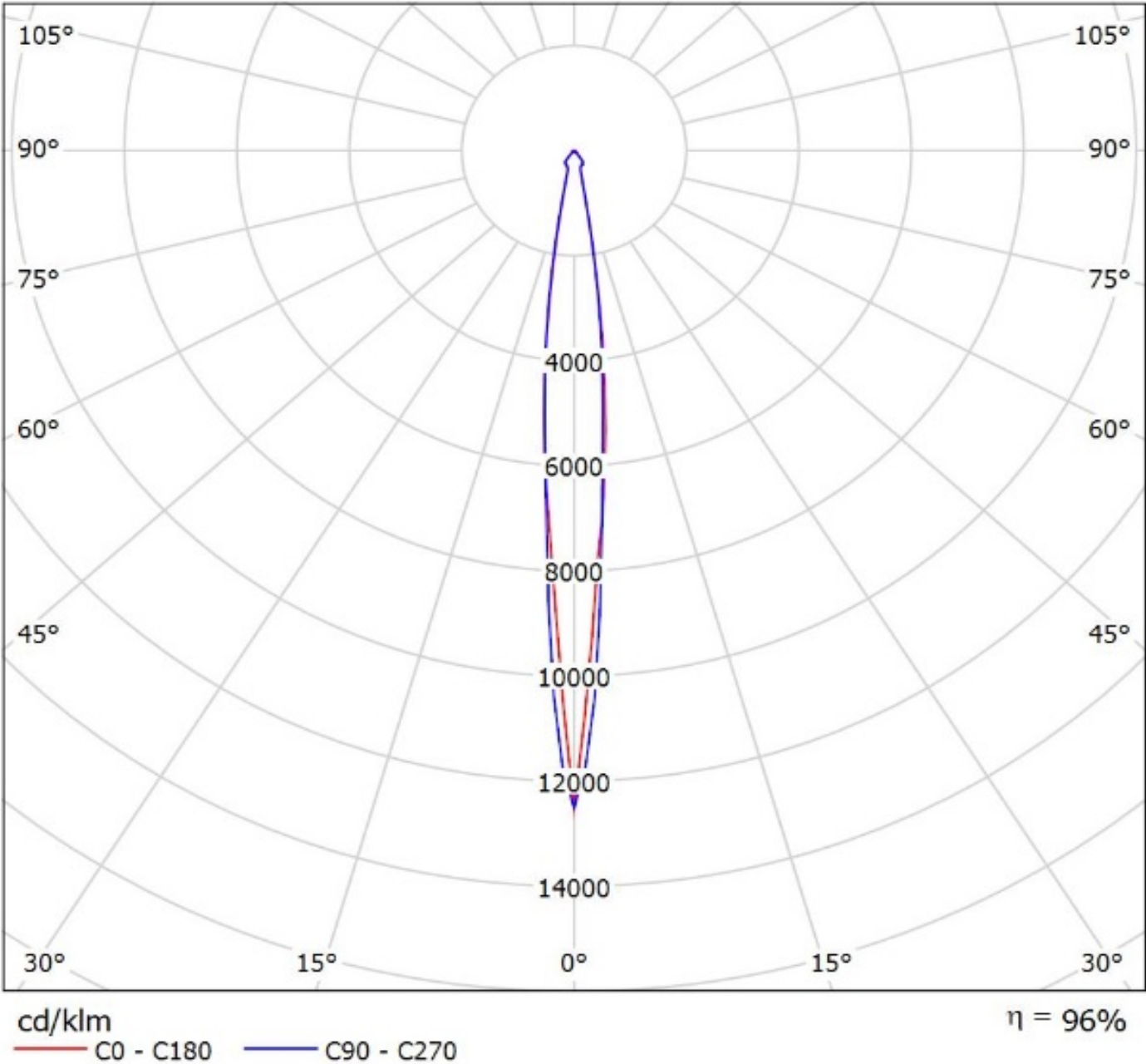
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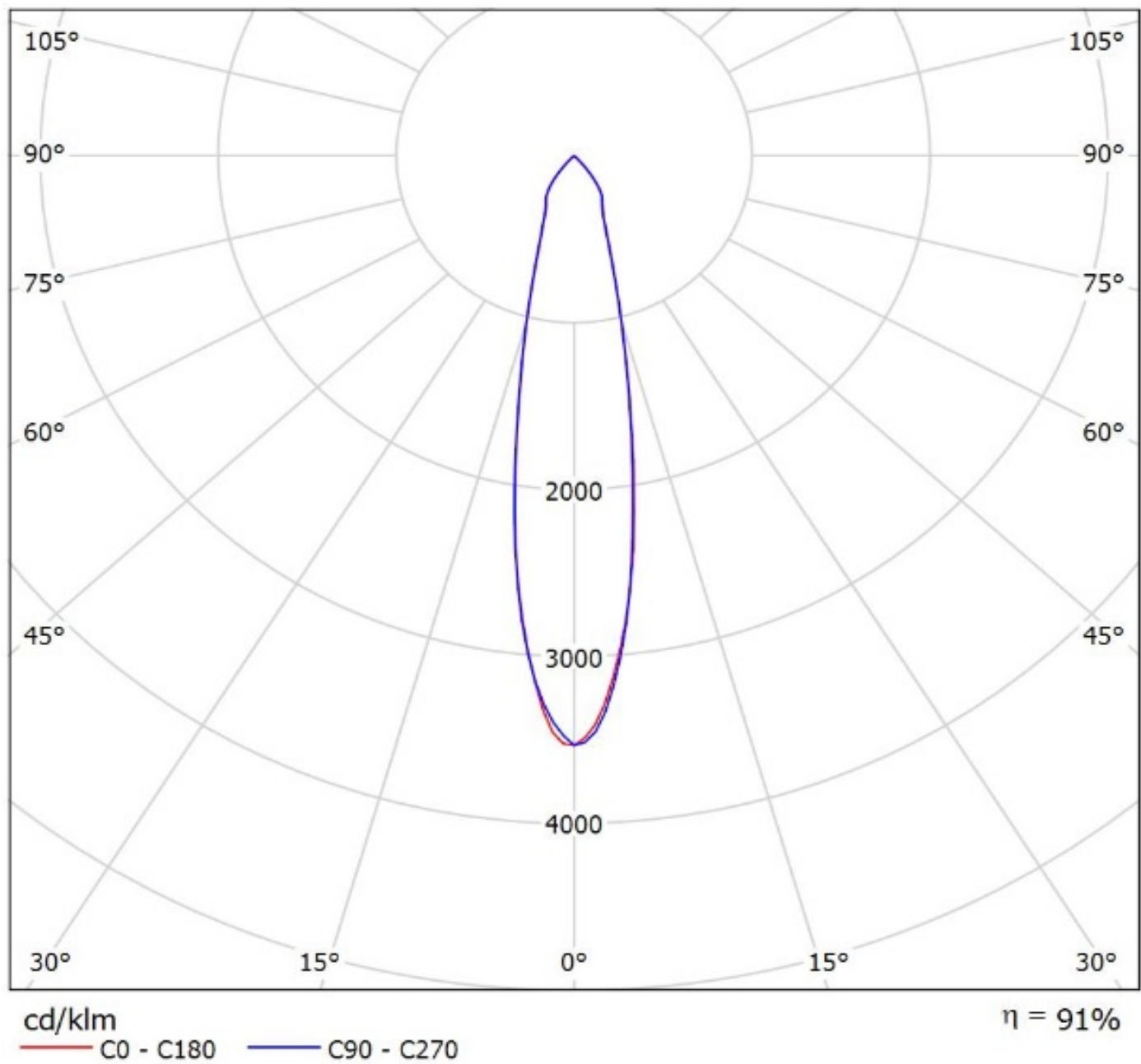
Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(SLE-G5_LES-11)
Lamps: 1 x Tridonic_SLE-G5_LES-11_1166.25lm@250mA_P=8.3218W_I=0.250A



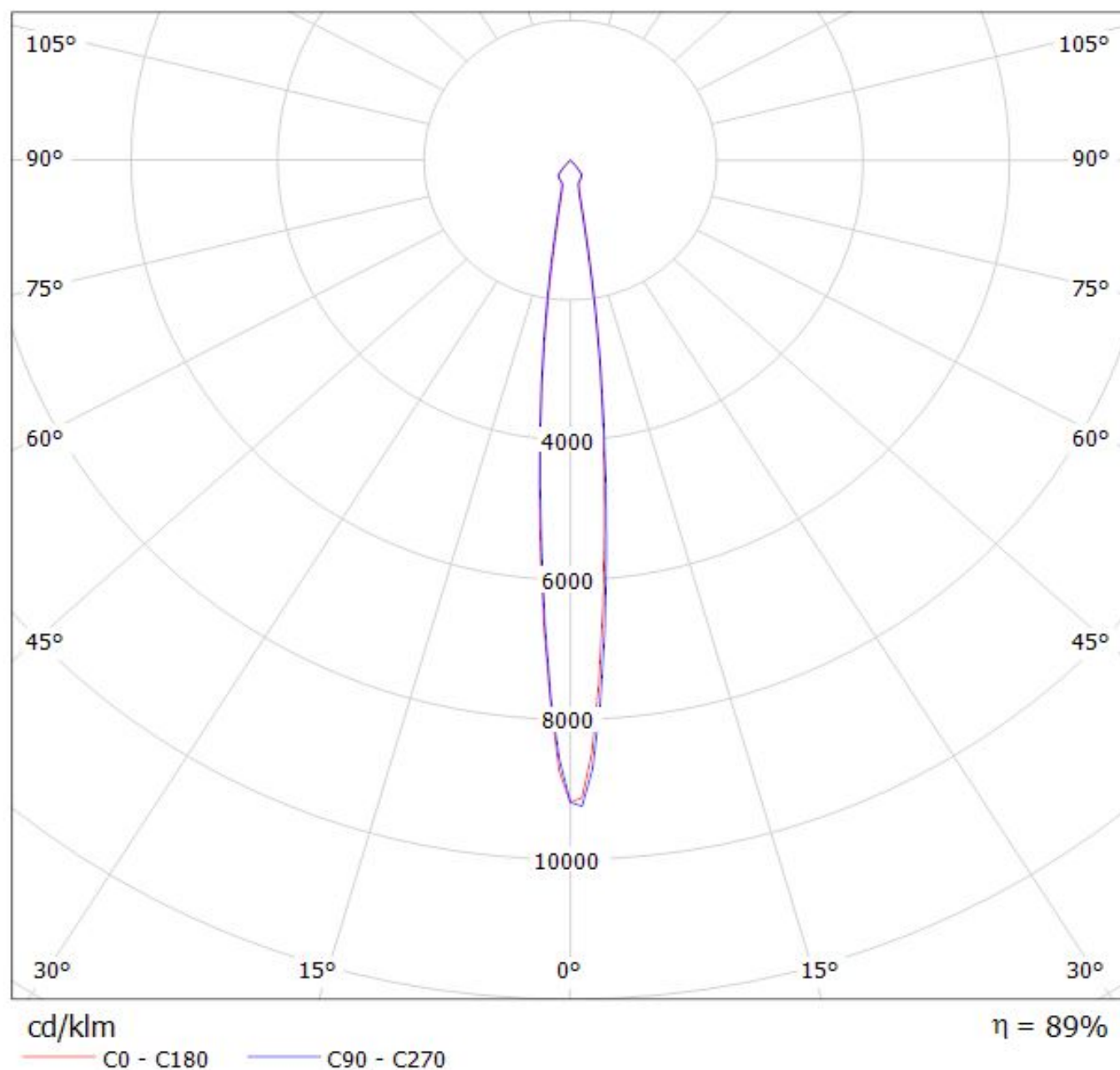
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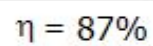
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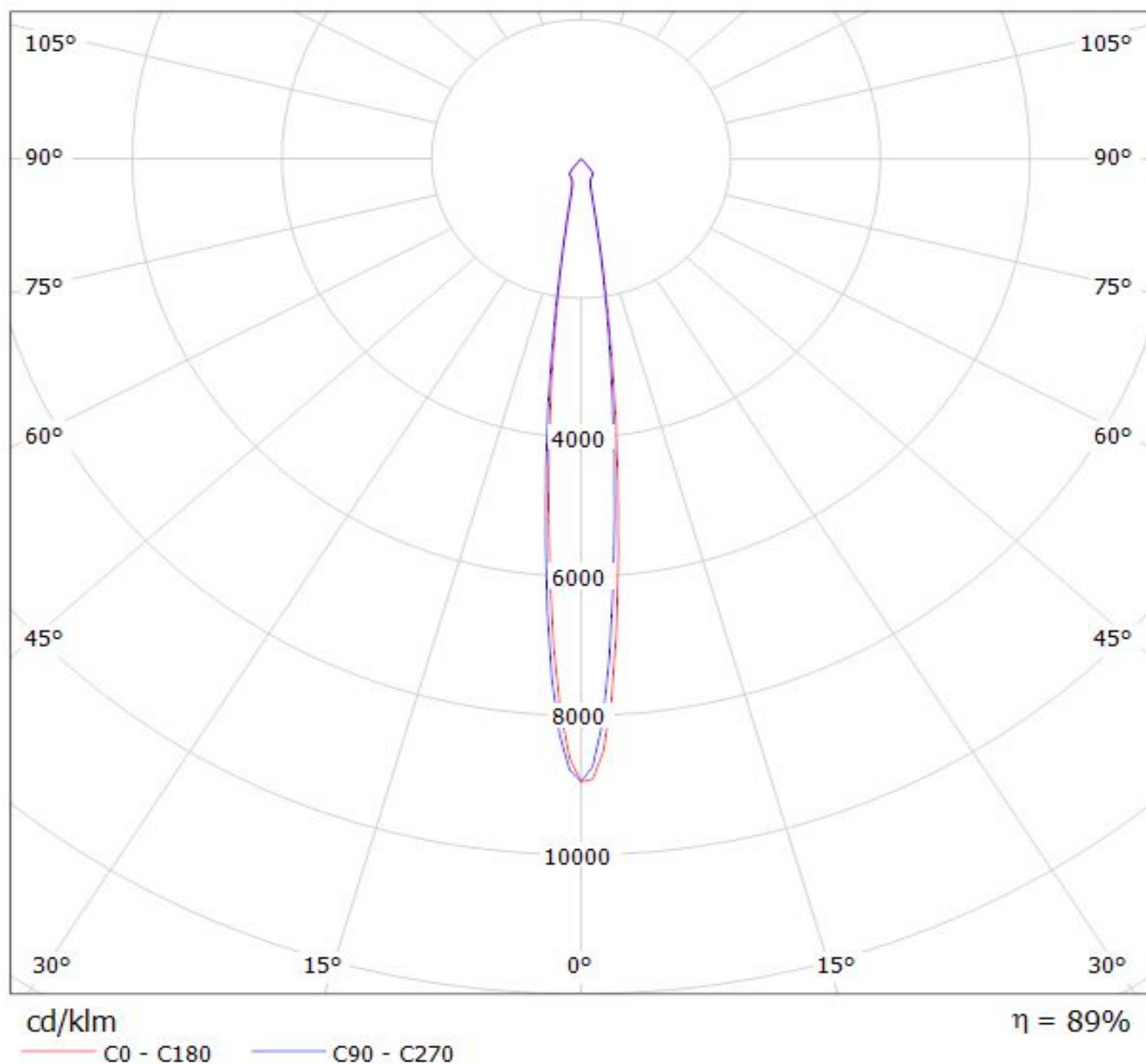
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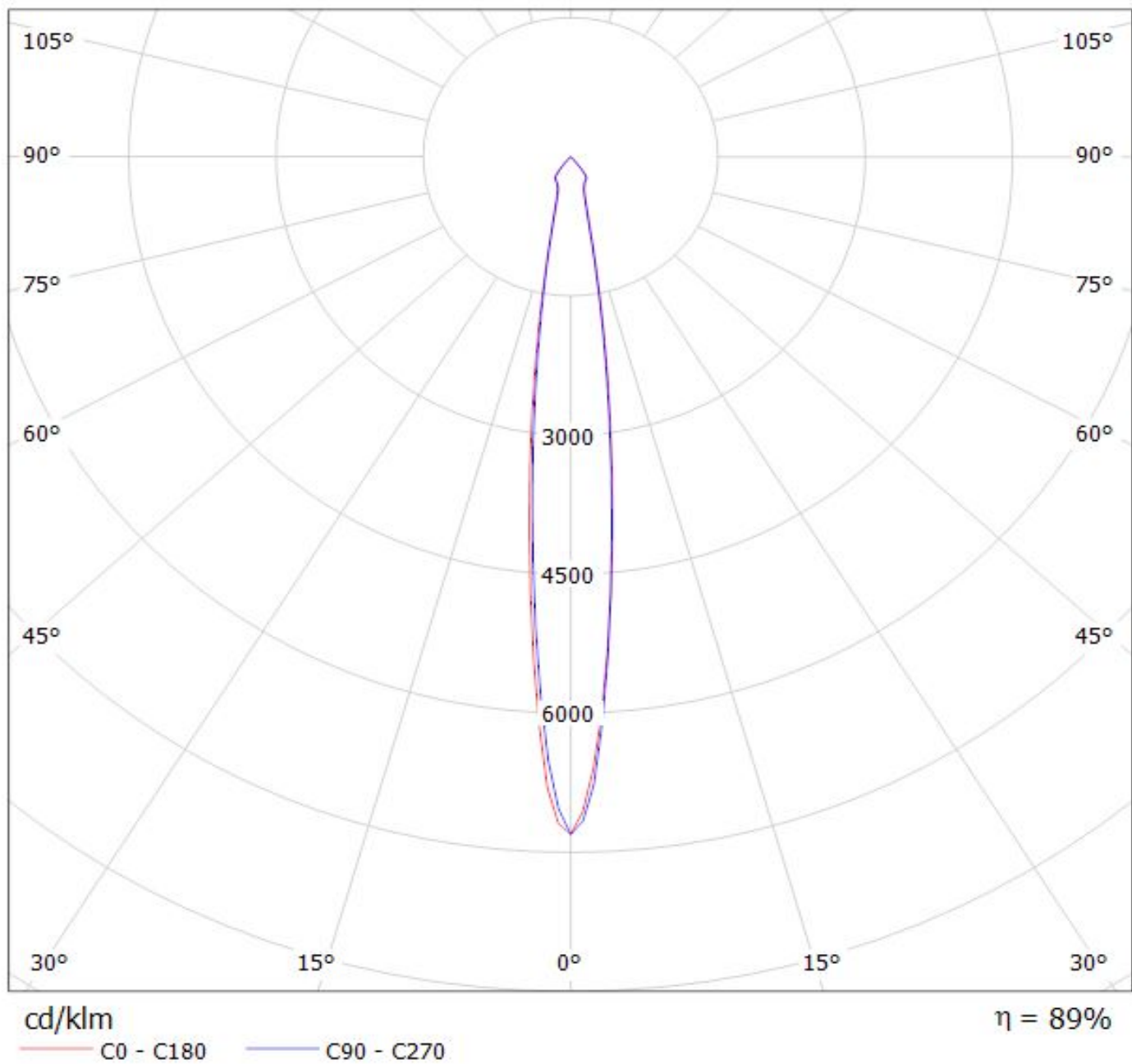
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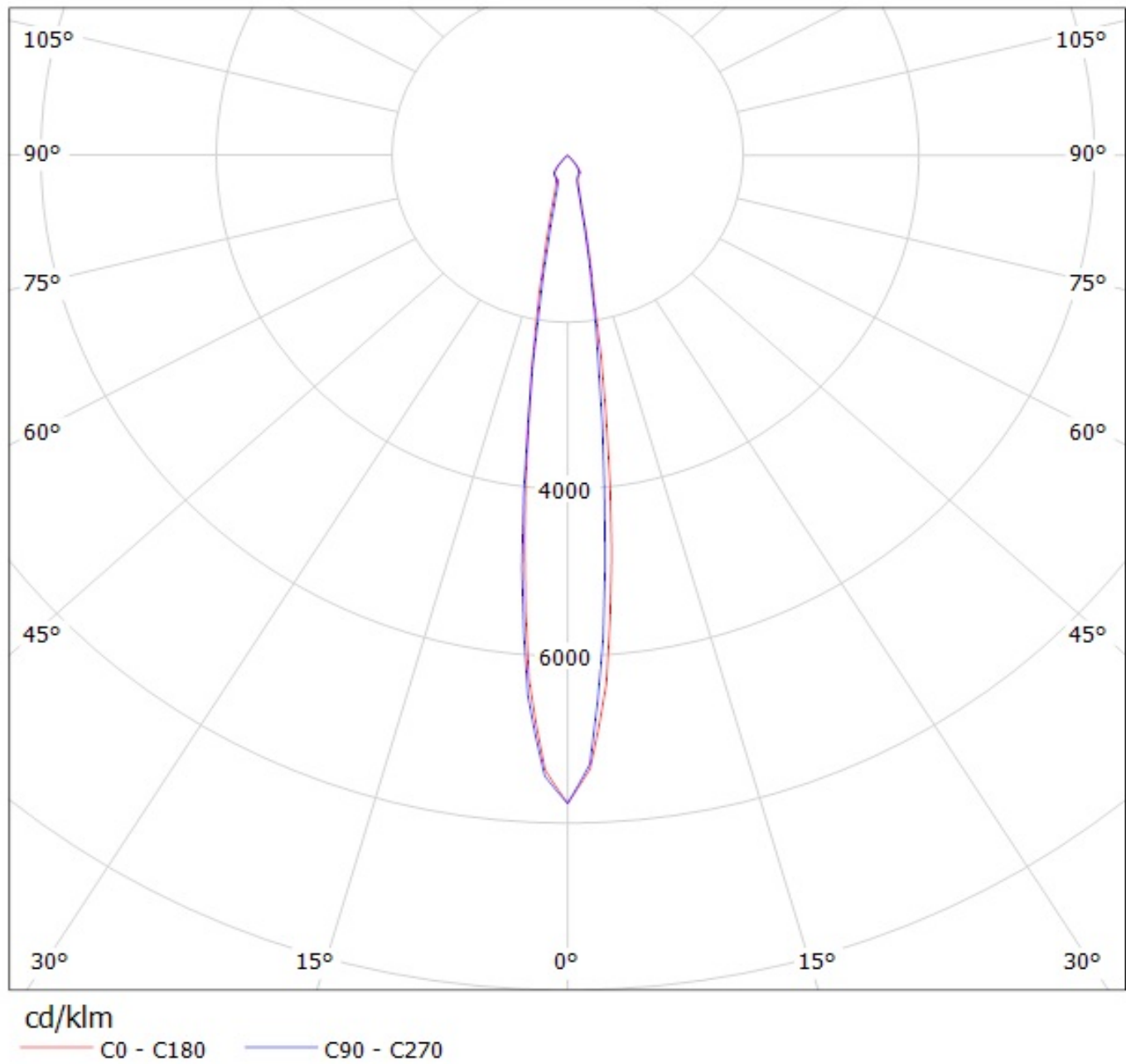
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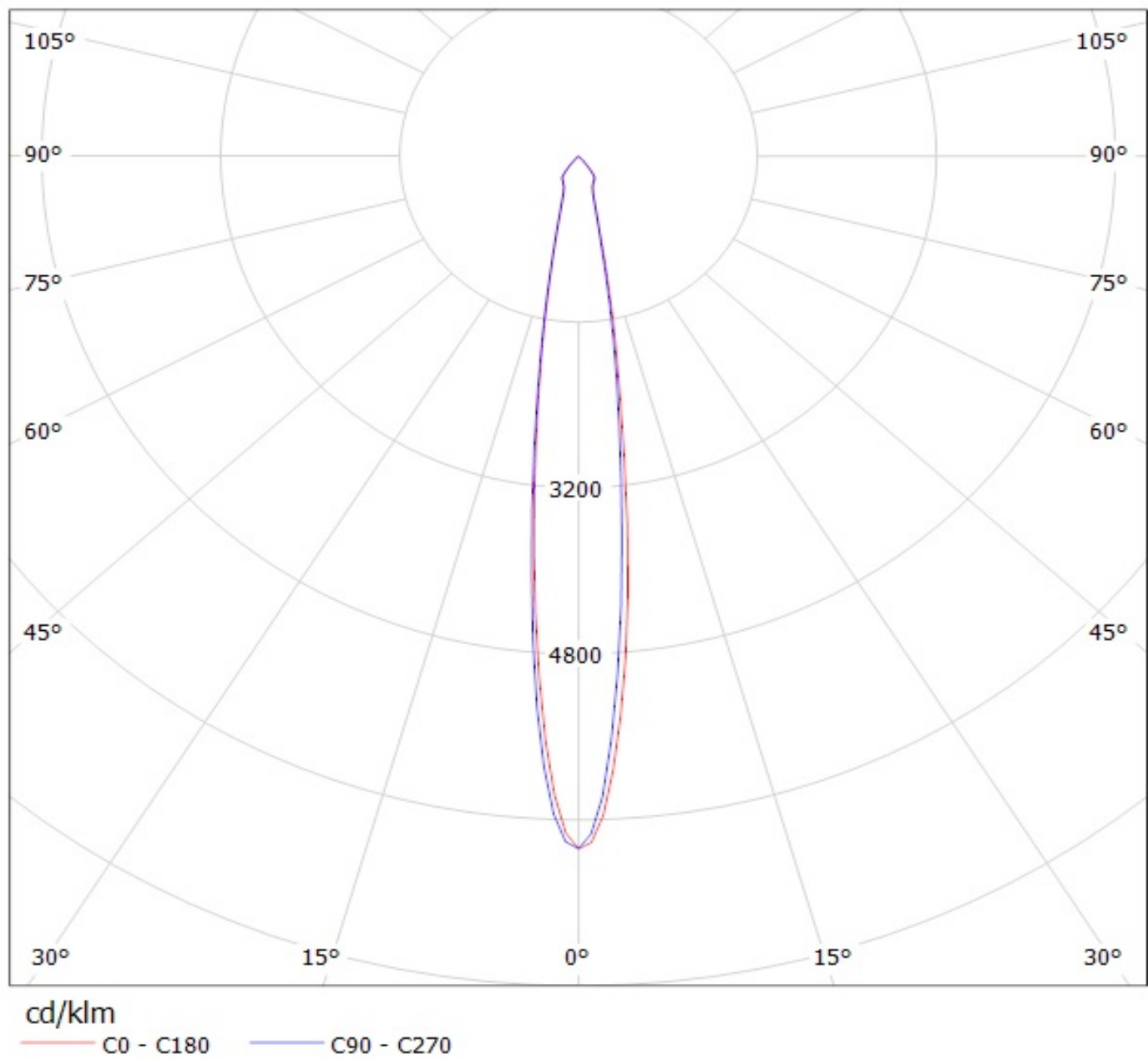
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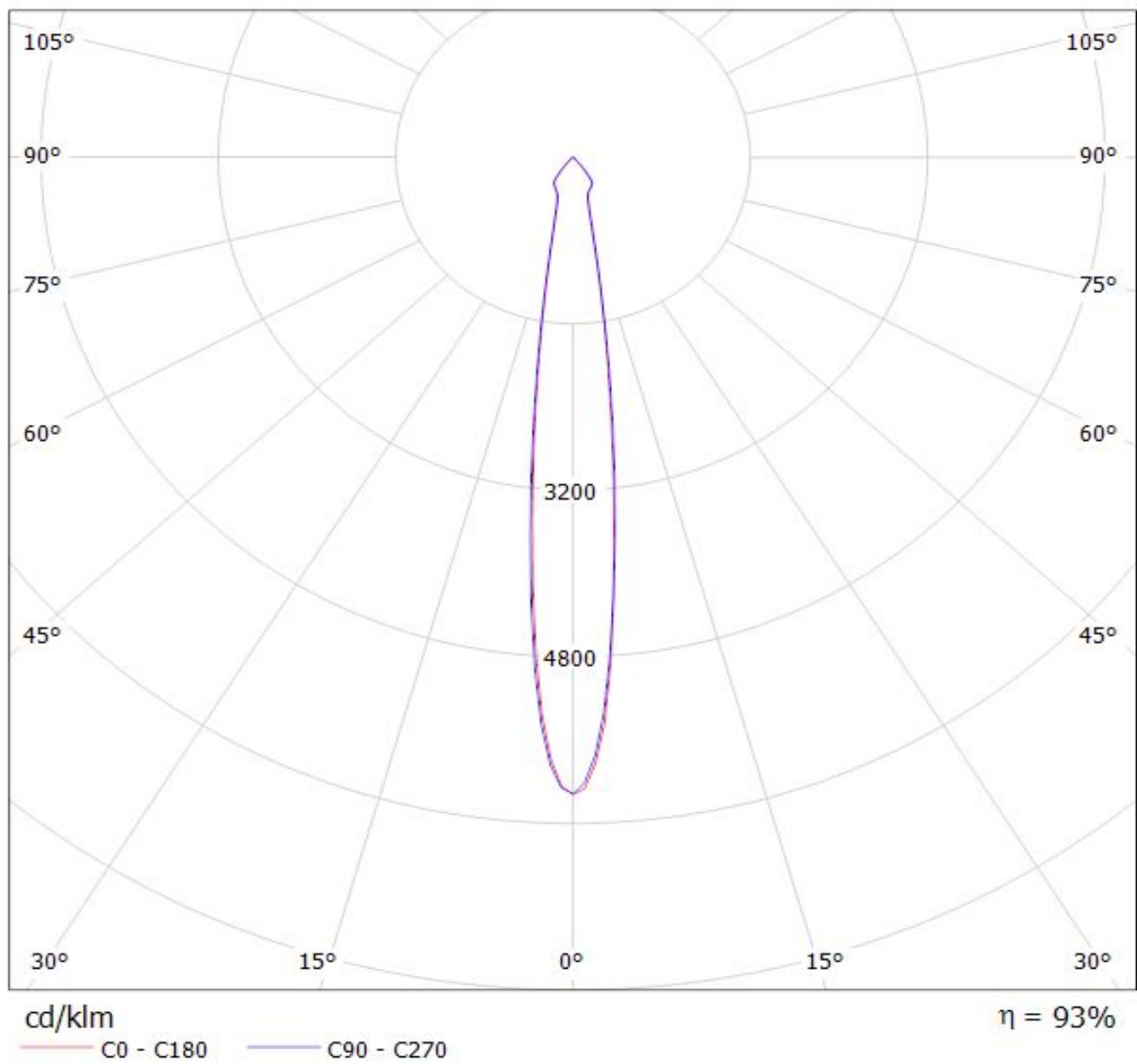
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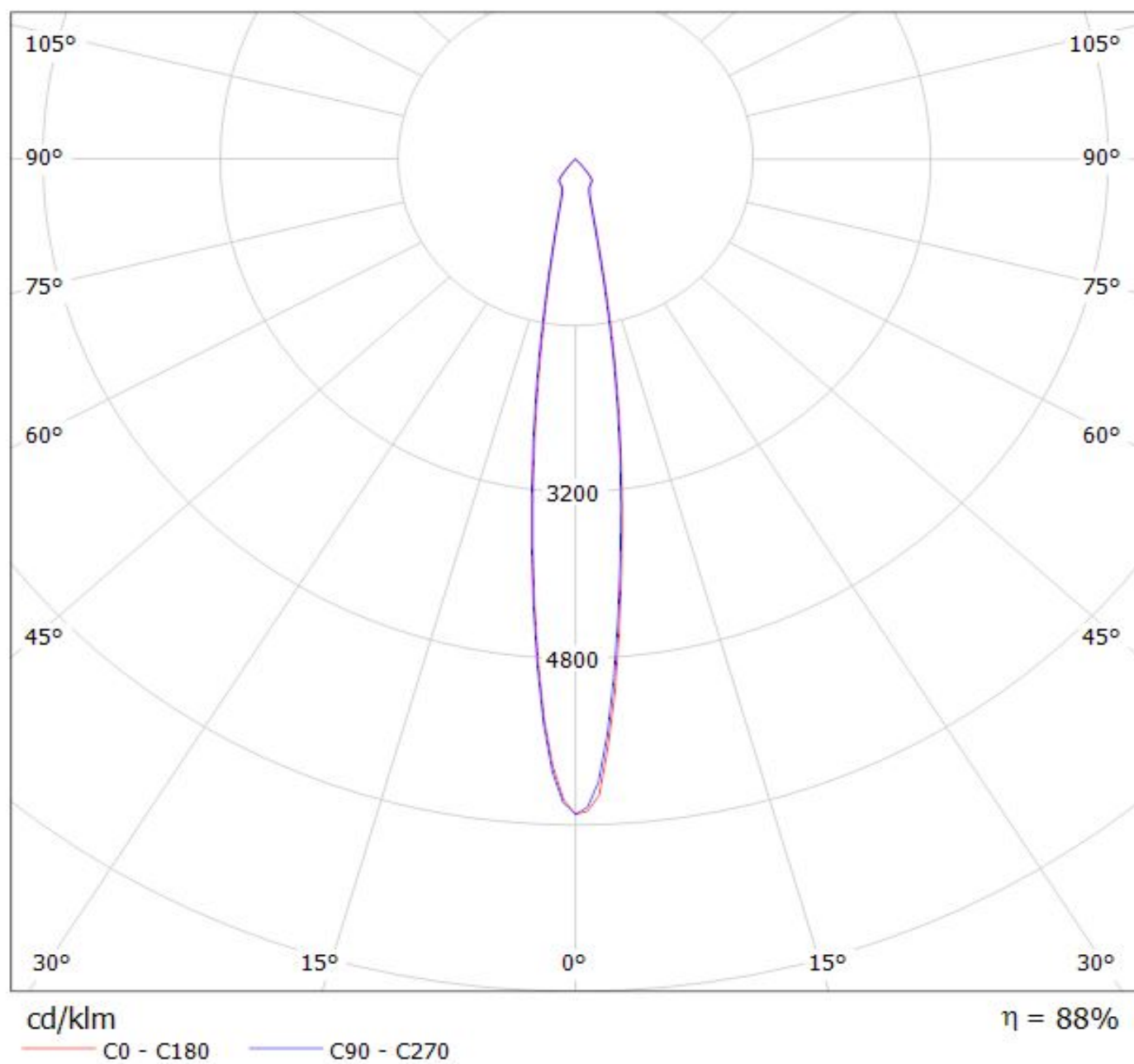
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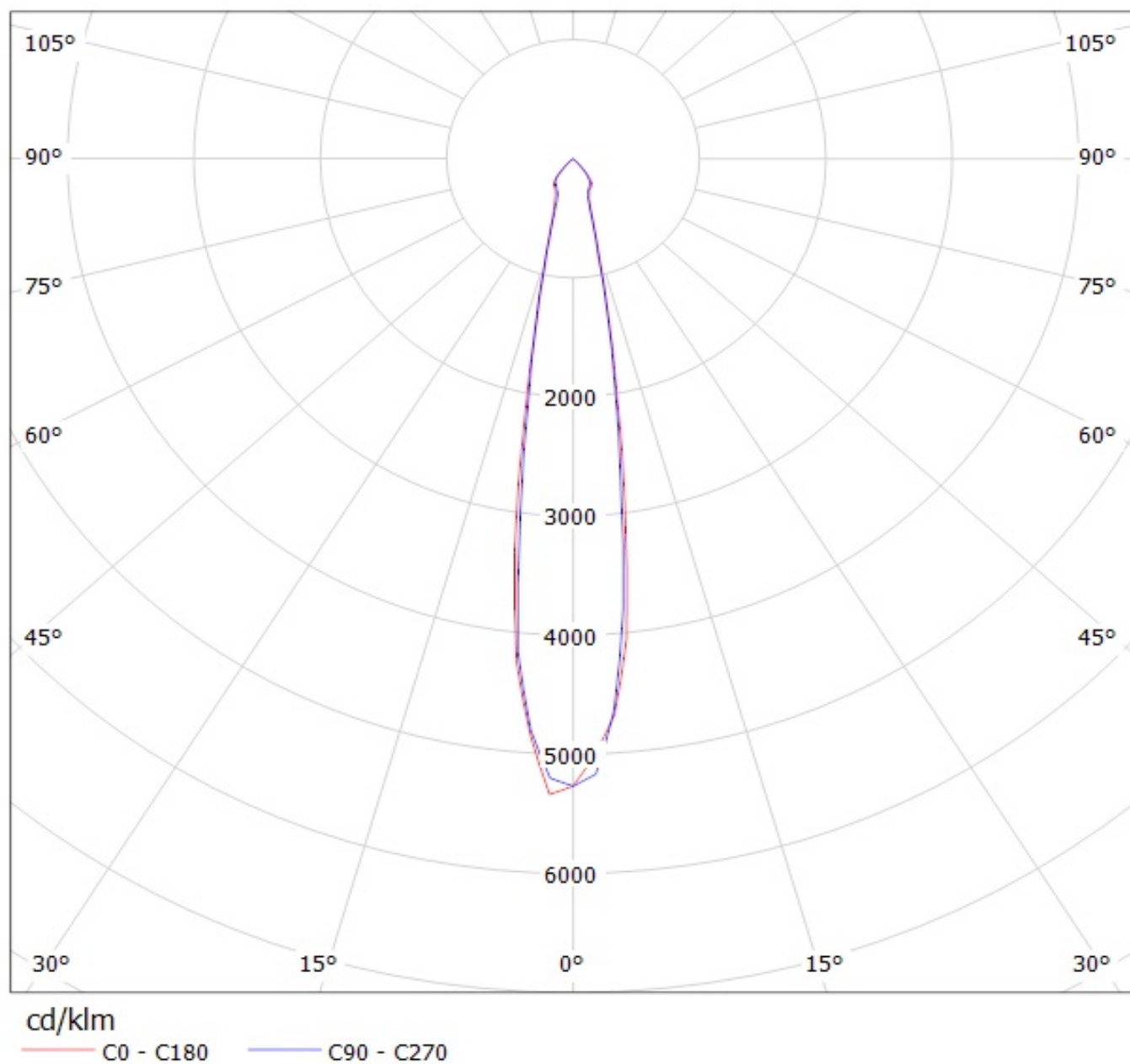
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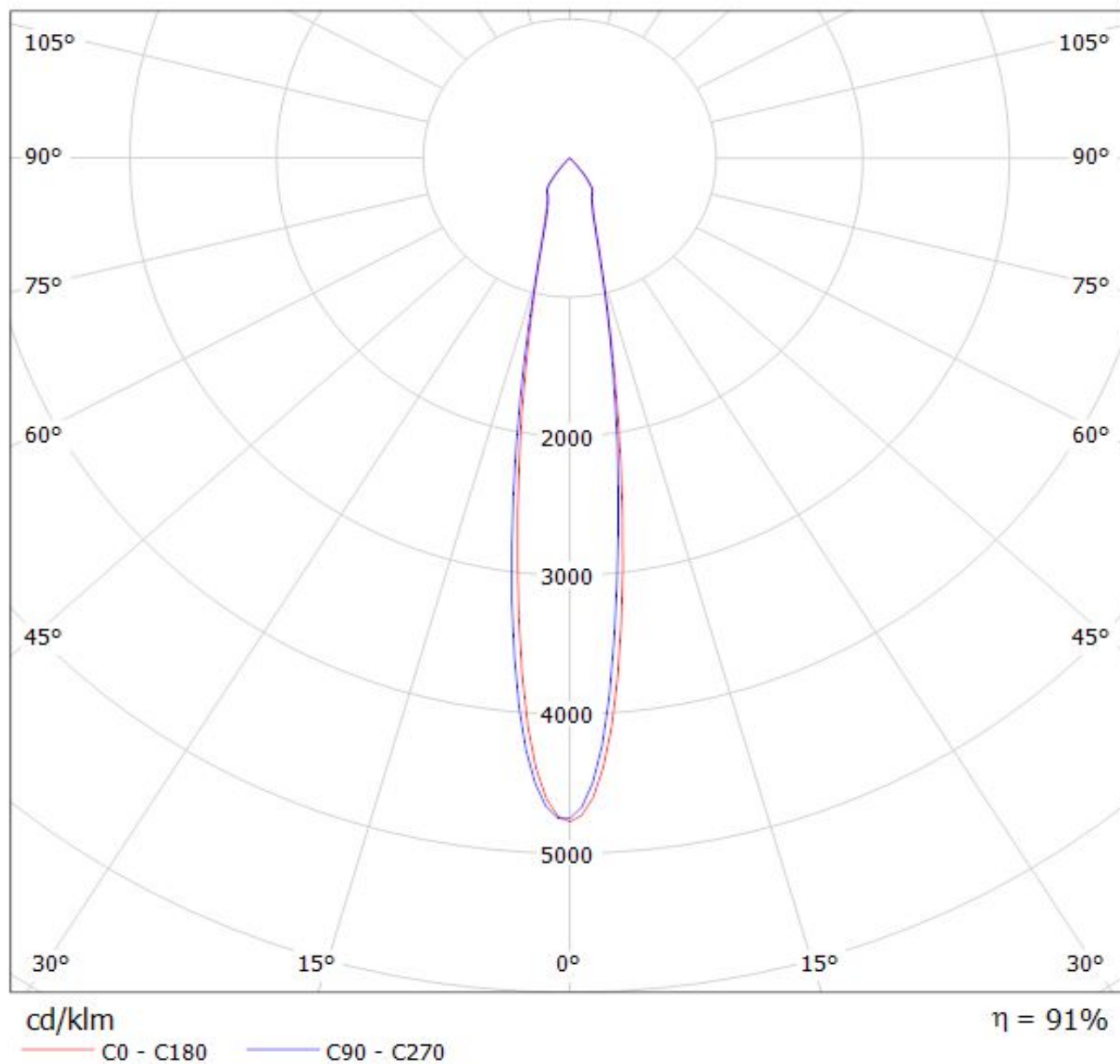
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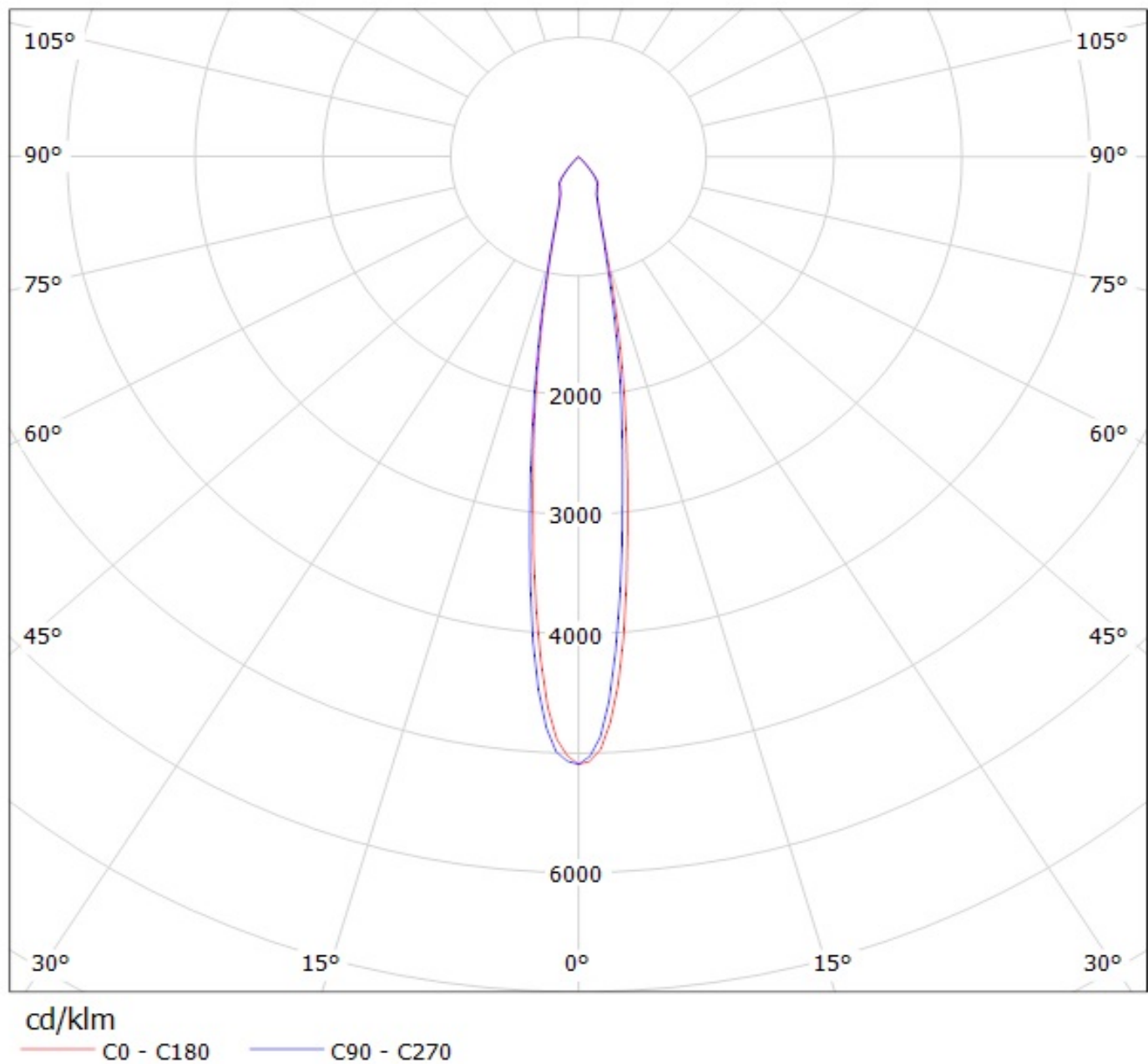
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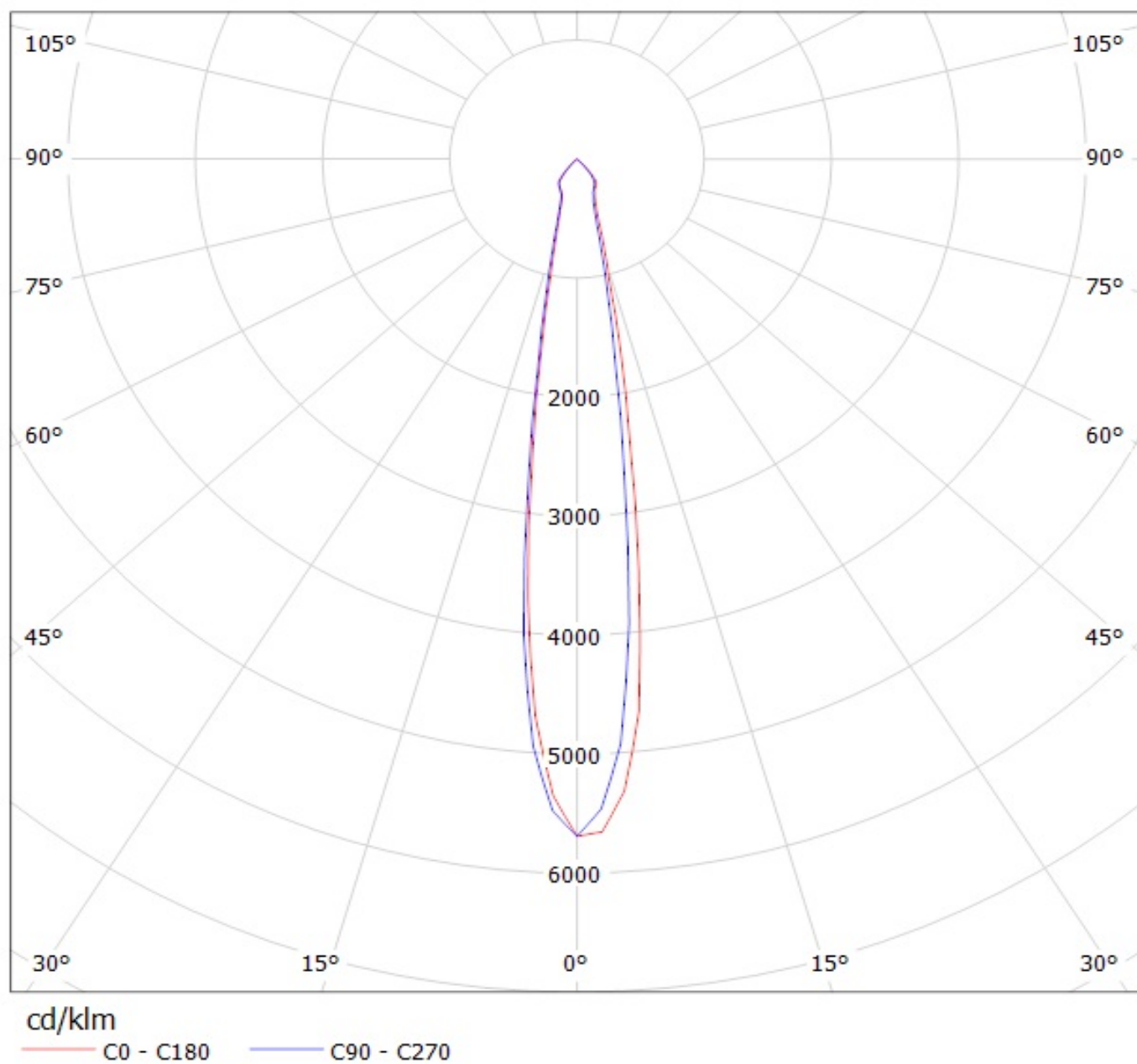
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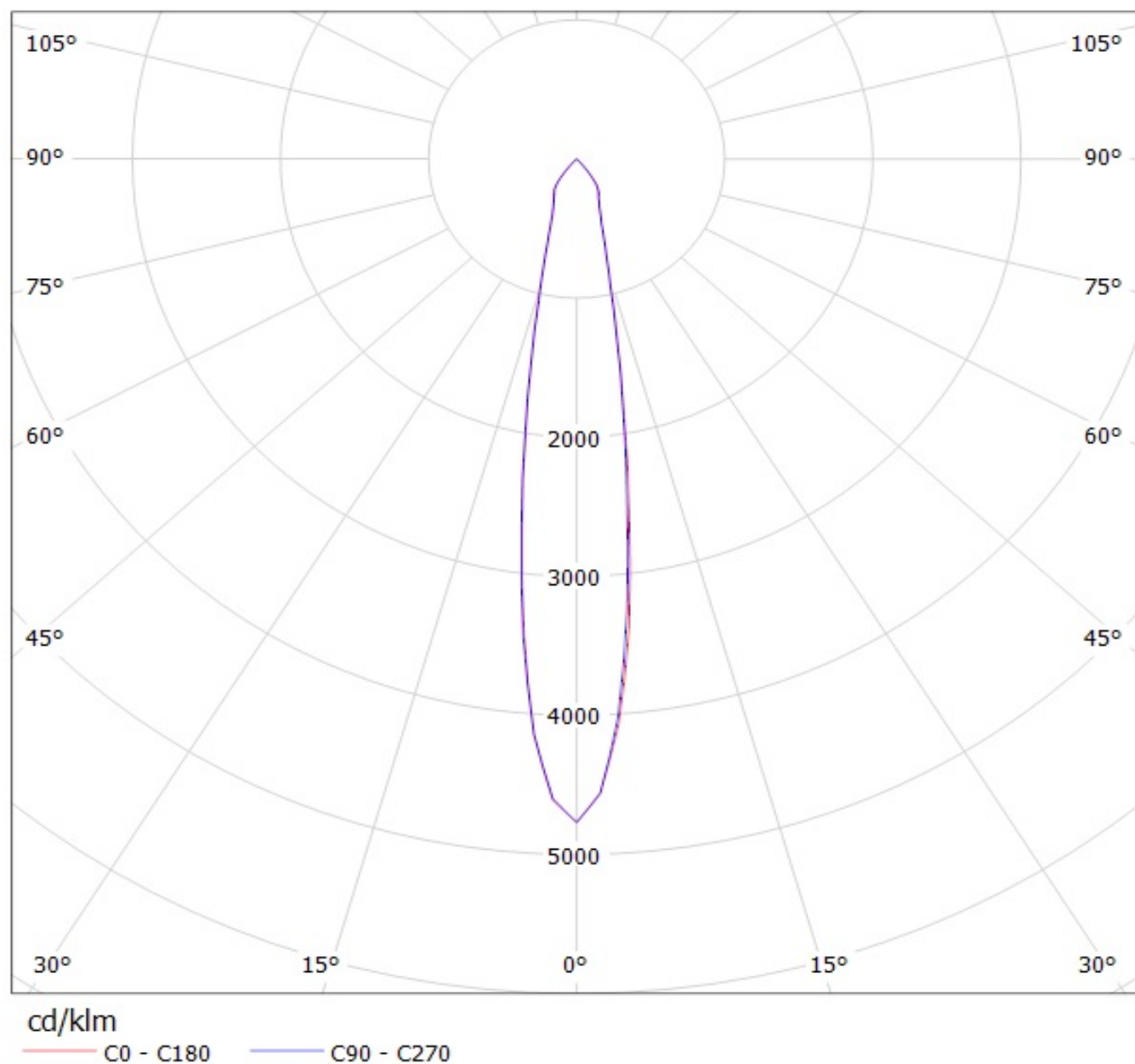
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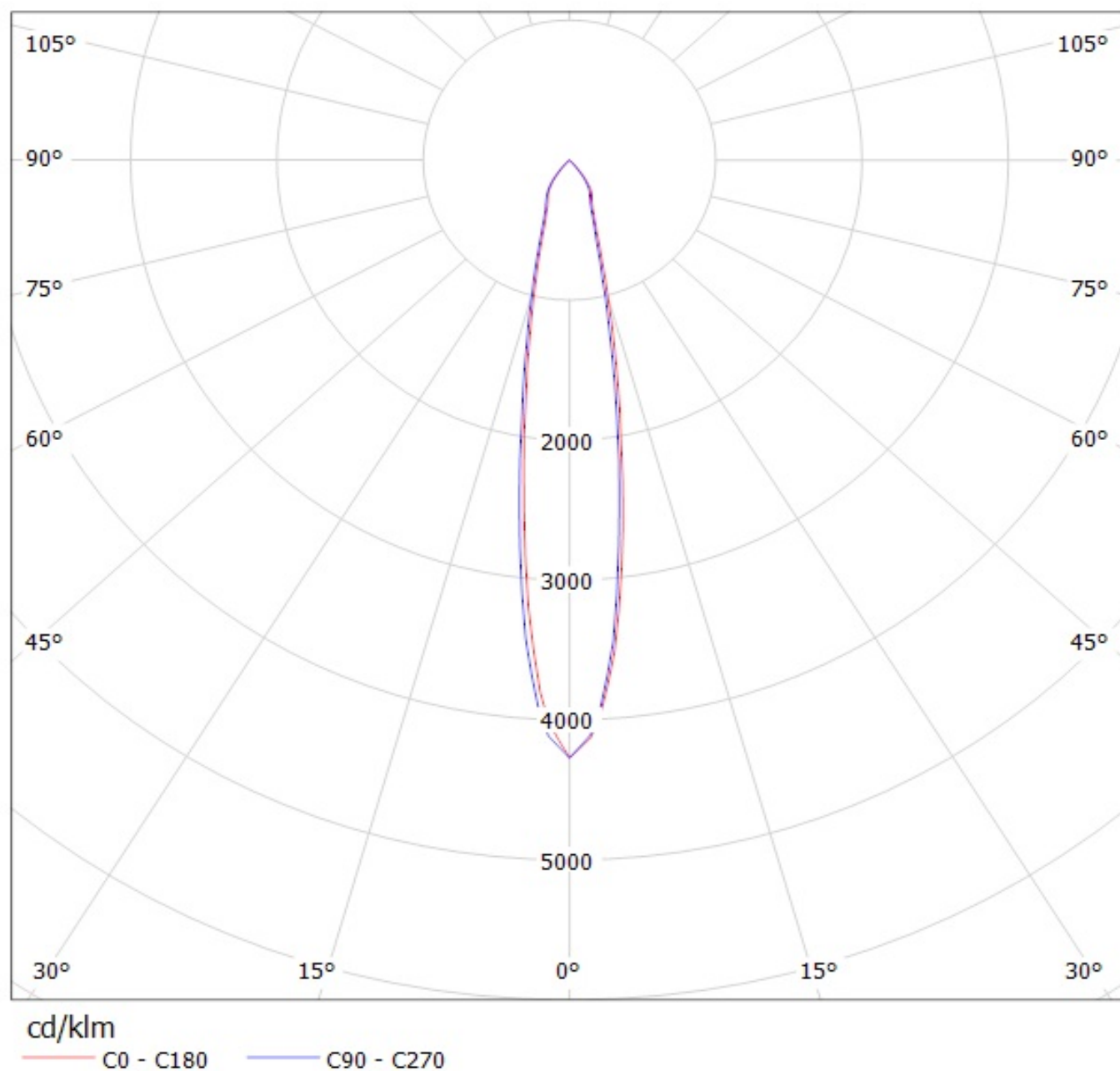
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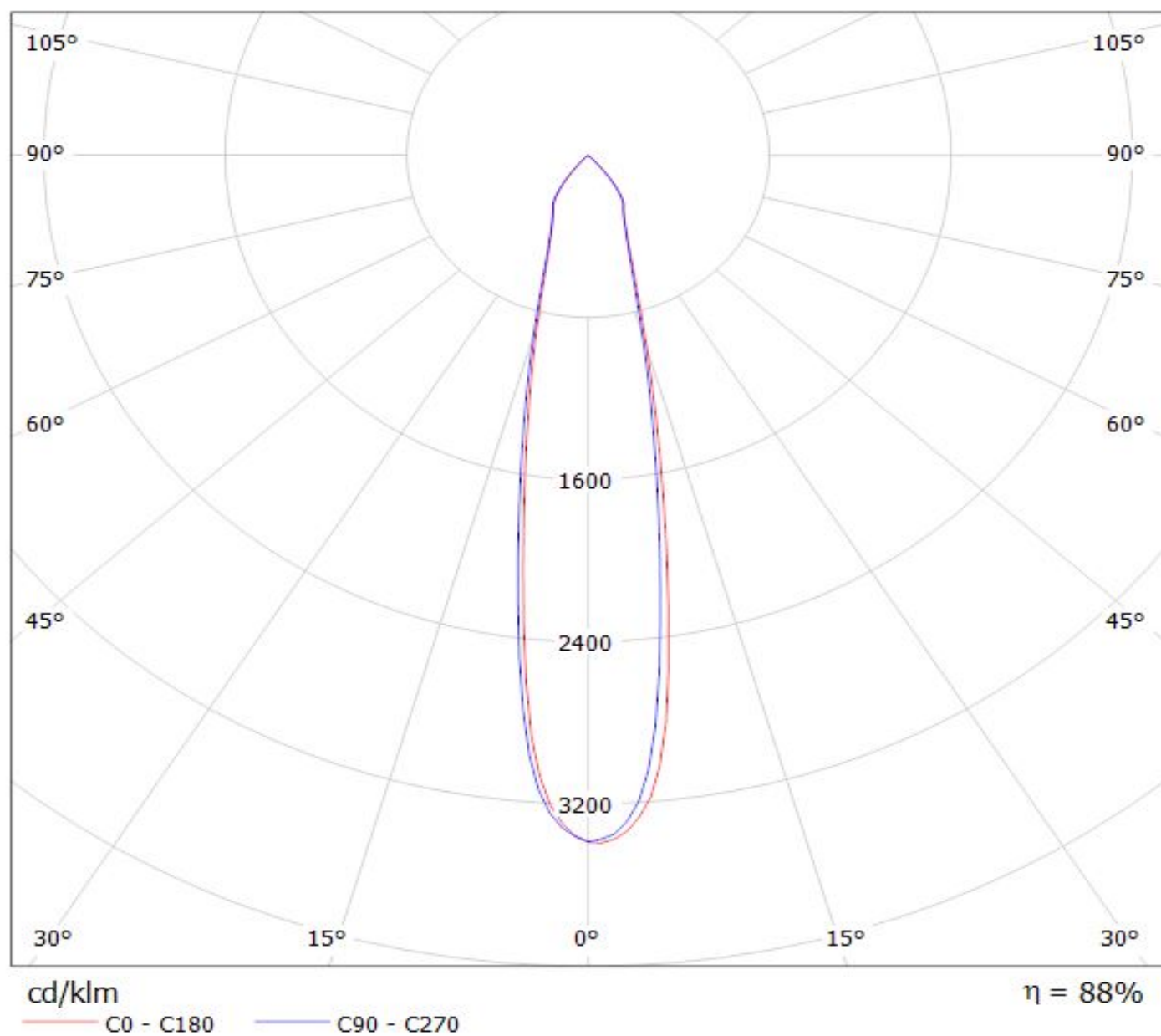


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Lamps: 1 x Citizen CII020 361lm @ 100mA



Luminaire: LEDiL Oy CN13127_MIRELLA-50-S-PF_(SLE-G5_LES-11)

Lamps: 1 x Tridonic_SLE-G5_LES-11_1166.25lm@250mA_P=8.3218W_I=0.250A



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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.