

DETAILS

Product Number	CS14895_HB-IP-2X6-RS
Family	HighBay
Type	Assembly
Color	clear
Diameter	173 + 71,4 mm
Height	11,39 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	24/05/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XM-L	21 deg	Real spot	94 %	5.100	-
XP-G2	13 deg	Real spot	94 %	10.600	-
XP-L	20 deg	Real spot	93 %	5.400	-
XP-L2	22 deg	Real spot	93 %	4.100	-
XHP35 HD	sim: 22	Real spot	sim: 93 %	sim: 3.800	-
XHP35 HI	sim: 16	Real spot	sim: 93 %	sim: 8.050	-
XP-E2	sim: 11	Real spot	sim: 91 %	sim: 14.100	-
H35C1 (LEMWA33)	sim: 14	Real spot	sim: 93 %	sim: 9.900	-
LUXEON XR-TX (L2T0-xyy012M)	14 deg	Real spot	92 %	10.120	-
LUXEON T	15 deg	Real spot	94 %	8.800	-
LUXEON 5050	sim: 23	Real spot	sim: 91 %	sim: 3.740	-
LUXEON V	20 deg	Real spot	92 %	4.700	-
NVSxE21A	13 deg	Real spot	94 %	7.950	-
NVSxx19B/NVSxx19C	16 deg	Real spot	92 %	7.200	-
Oslon Square Gen3	13 deg	Real spot	94 %	12.000	-
OSCONIQ P 3737 (2W version)	sim: 12	Real spot	sim: 89 %	sim: 13.000	-
OSCONIQ P 3737 (3W version)	sim: 19	Real spot	sim: 93 %	sim: 6.050	-
Fortimo FastFlex LED board 2x6 DP G4	13 deg	Real spot	94 %	10.600	-
LH351D	sim: 22	Real spot	sim: 93 %	sim: 4.550	-
LH181B	sim: 13	Real spot	sim: 93 %	sim: 10.800	-
Z5M1/Z5M2	14 deg	Real spot	94 %	10.000	-
Z8Y22P	17 deg	Real spot	92 %	6.600	-
SMJQ-D36W12Mx	15 deg	Real spot	89 %	5.100	-
SMJQ-D36W12Px	16 deg	Real spot	93 %	6.300	-
Z8Y22	15 deg	Real spot	89 %	5.100	-



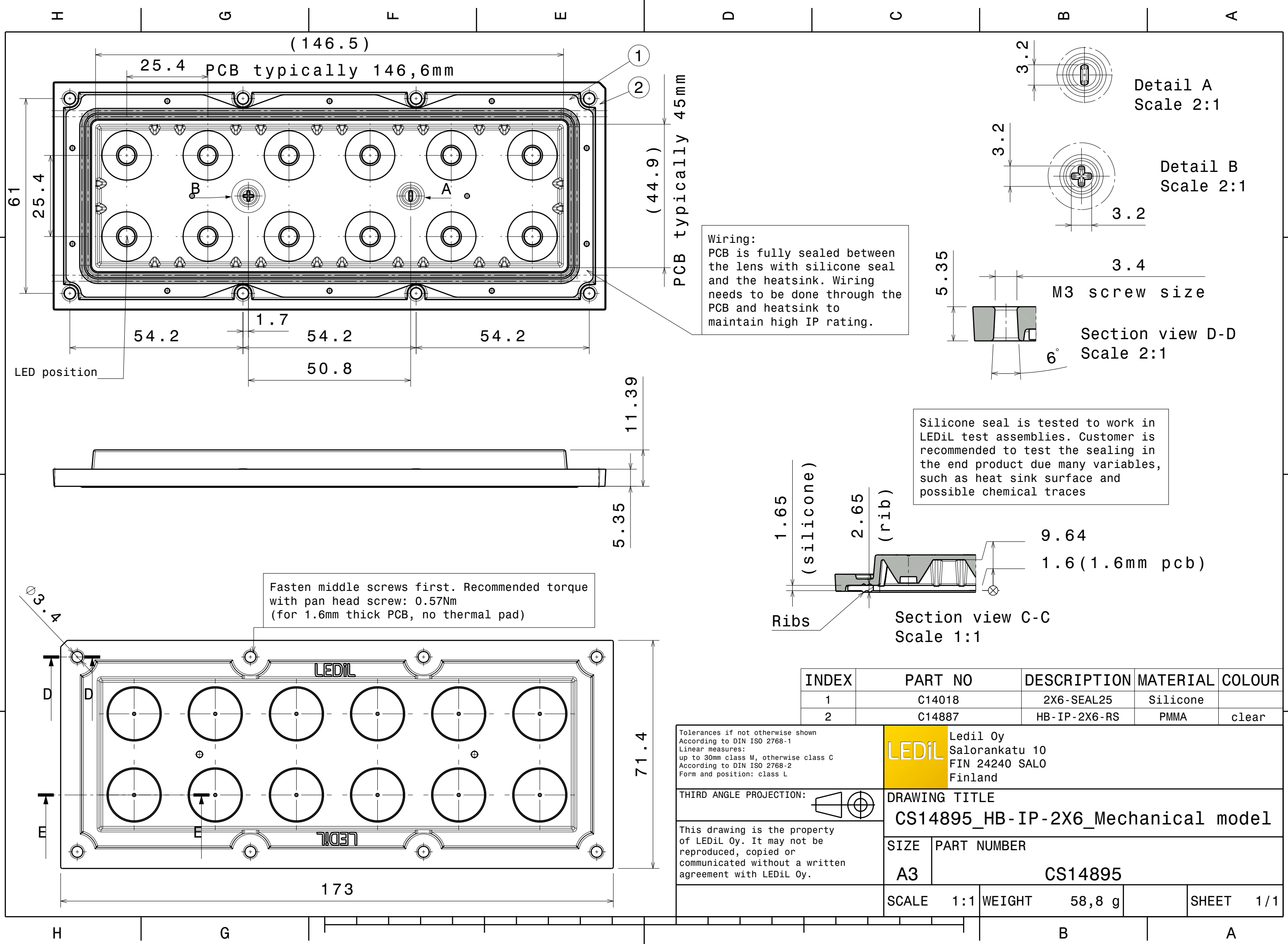
PRODUCT DATASHEET

HighBay series

last update 24/5/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
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INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14018	2X6-SEAL25	Silicone	
2	C14887	HB-IP-2X6-RS	PMMA	clear

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:

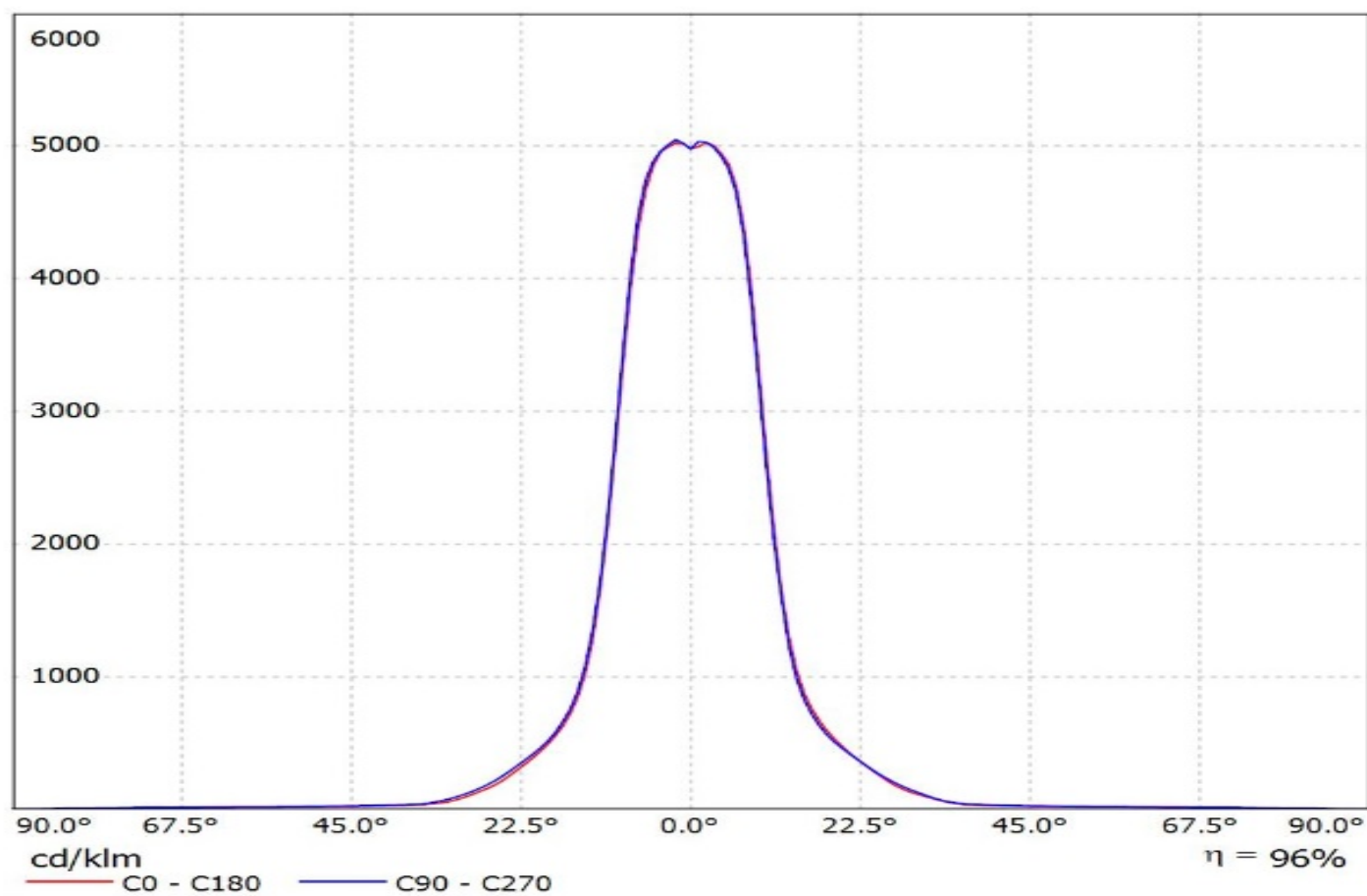
DRAWING TITLE
CS14895_HB-IP-2X6_Mechanical model

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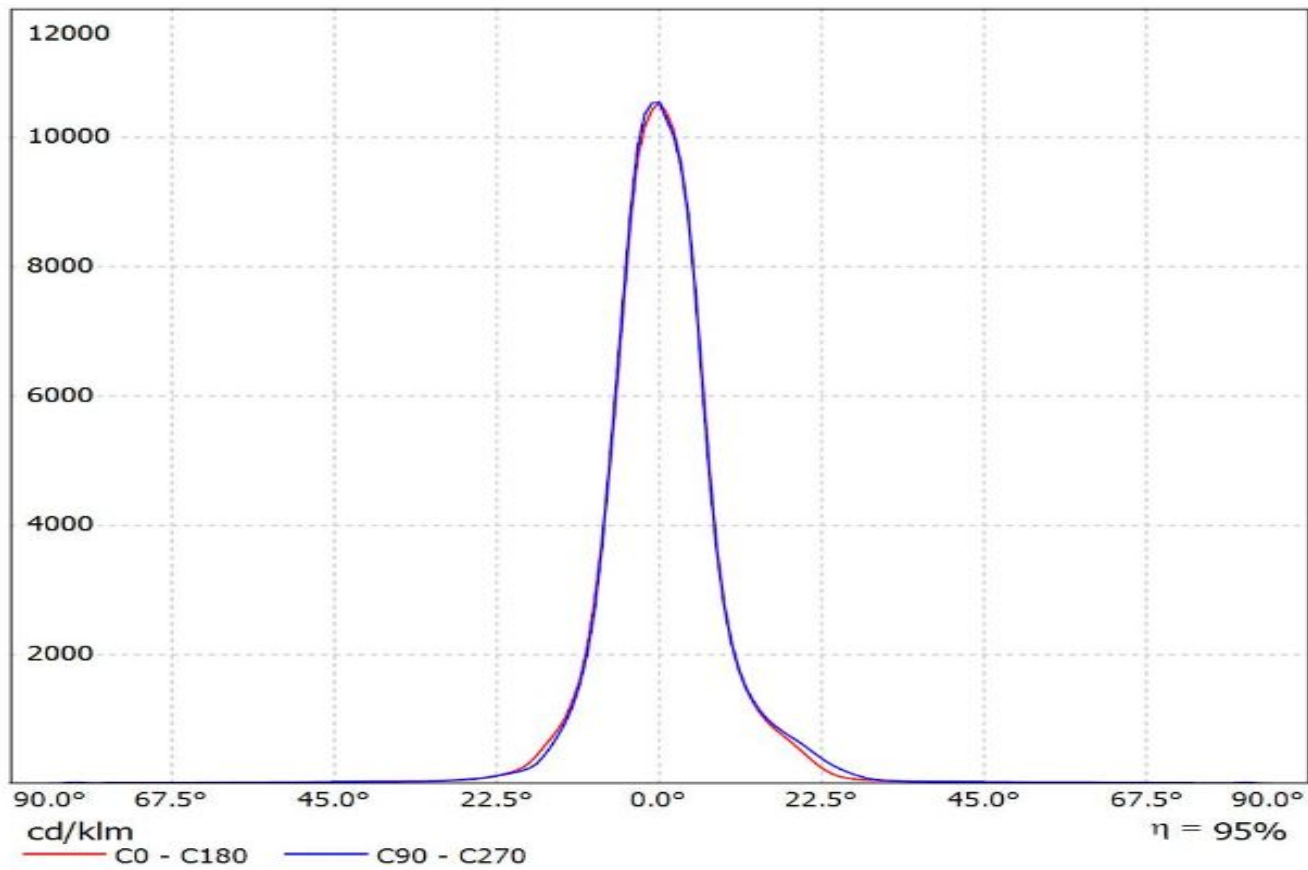
SIZE	PART NUMBER
A3	CS14895
SCALE	1:1
WEIGHT	58,8 g
SHEET	1/1

Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(XM-L)

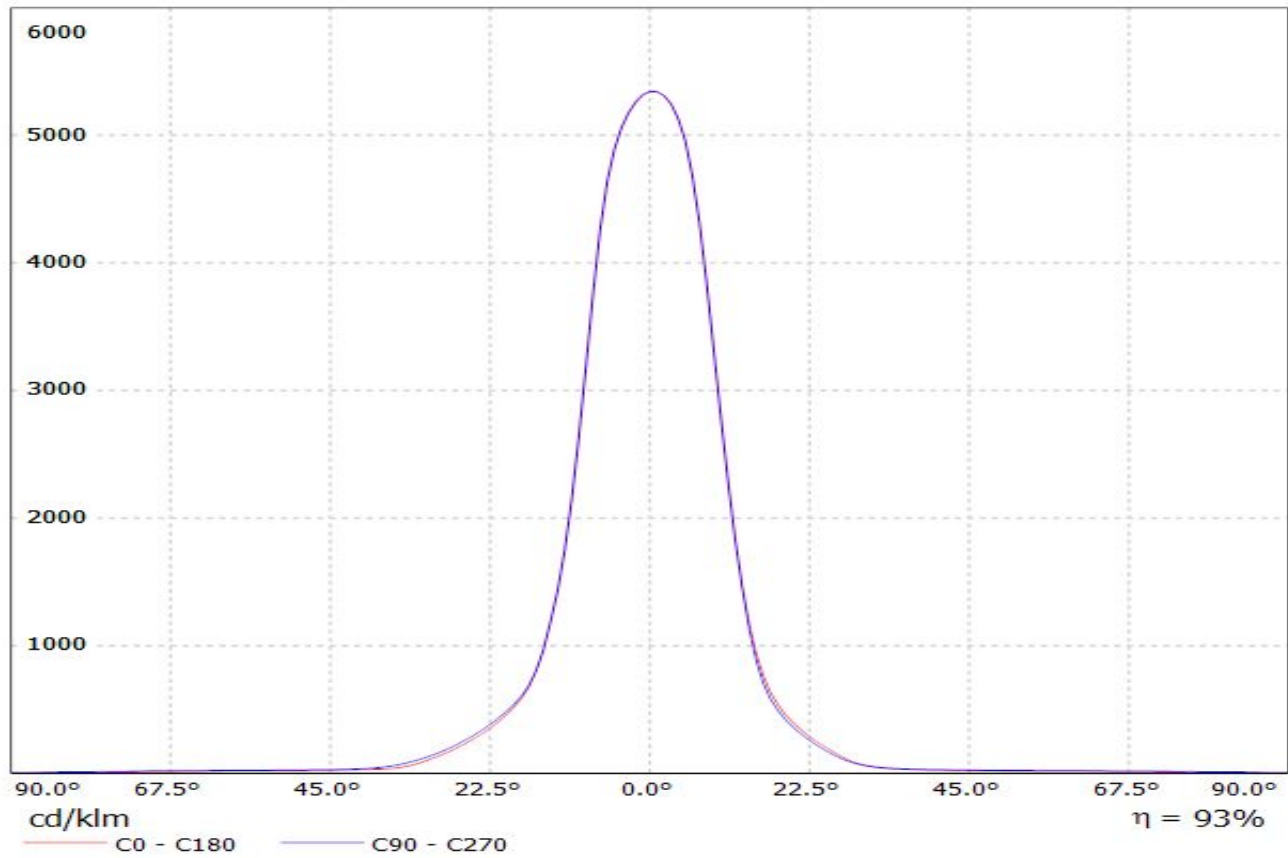
Lamps: 1 x Cree_XM-L_(XMLAWT-00-0000-000LT20E7)_980.828lm@250mA_P=8.1232W_I=0.250A



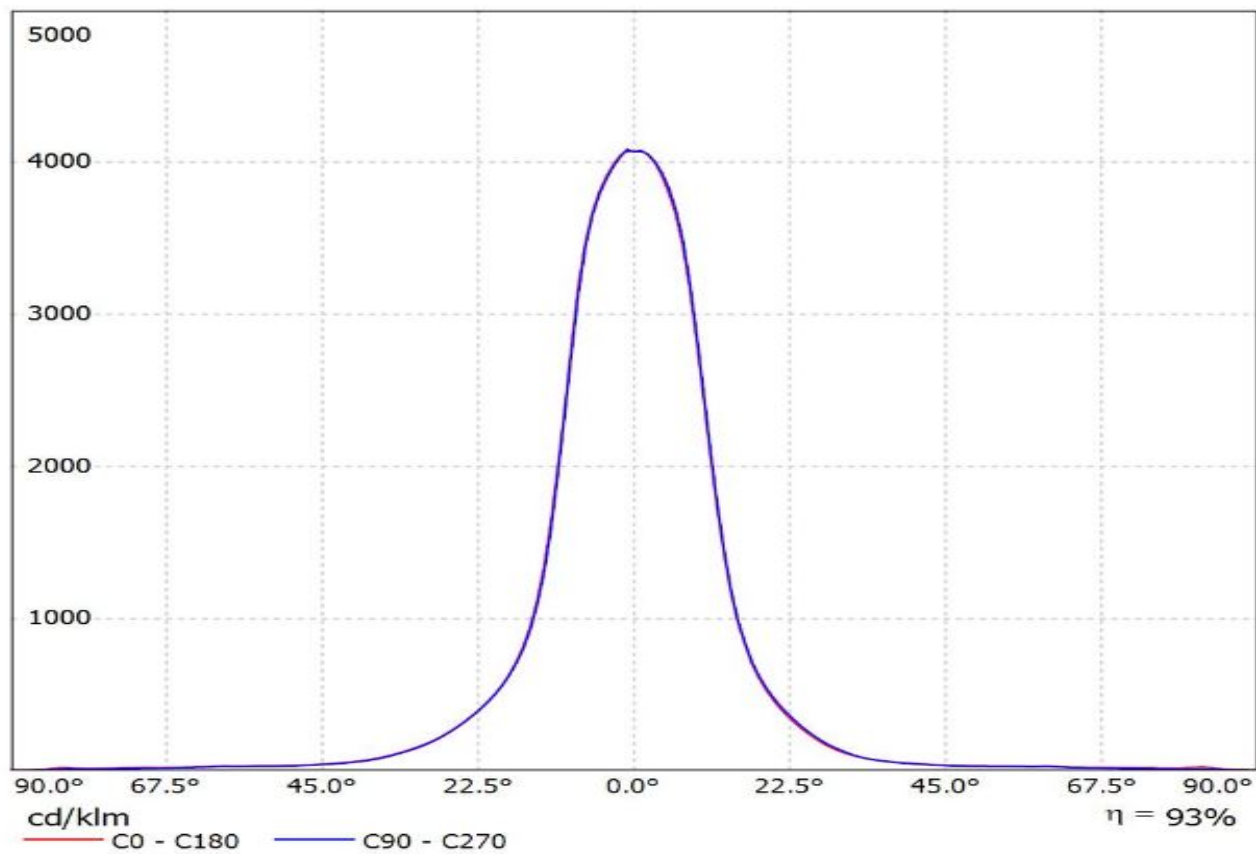
Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS
Lamps: 1 x Cree_XP-G2_1235.27lm@250mA_P=8.6001W_I=0.25A



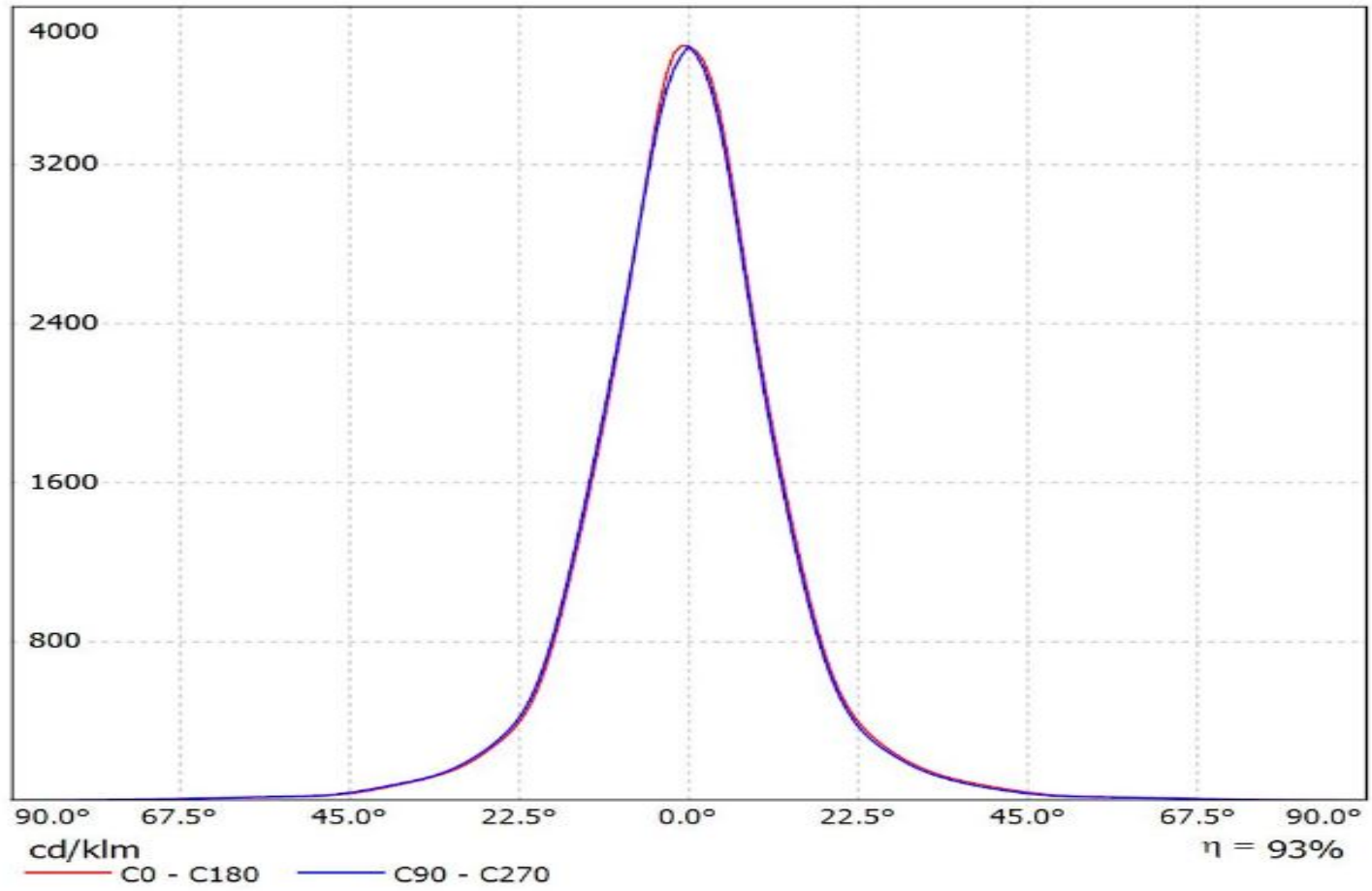
Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(XP-L)
Lamps: 1 x Cree_XP-L_(XPLAWT-0-7A3-U50-0H-0001)_1258.85lm@250mA_P=8.27562W_I=0.250A



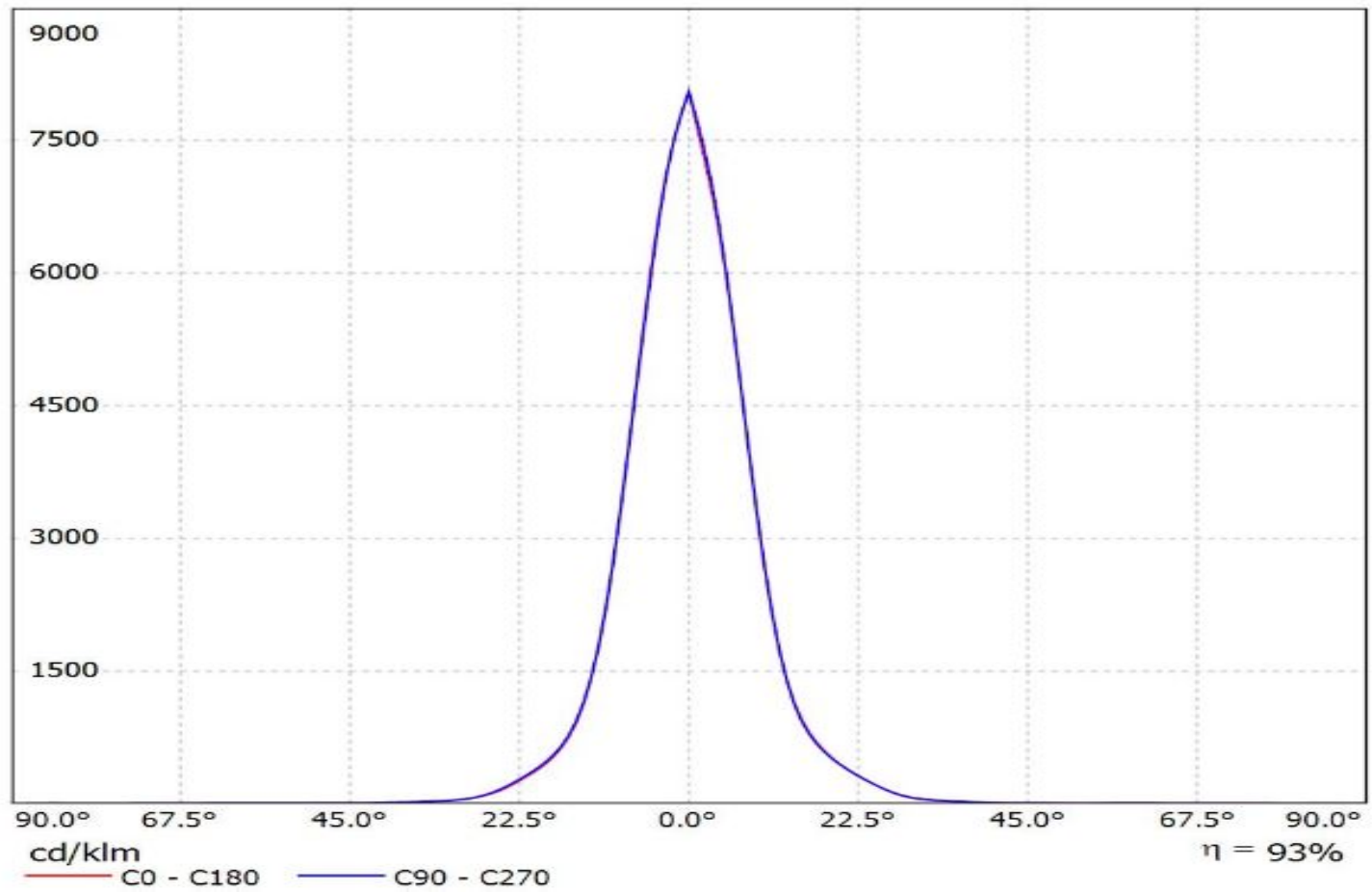
Luminaire: Ledil CS14895_HB-IP-2X6-RS_(XP-L2)
Lamps: 1 x Cree_XP-L2_2x6_1659.4lm@250mA_P=8.22525W_I=0.25A



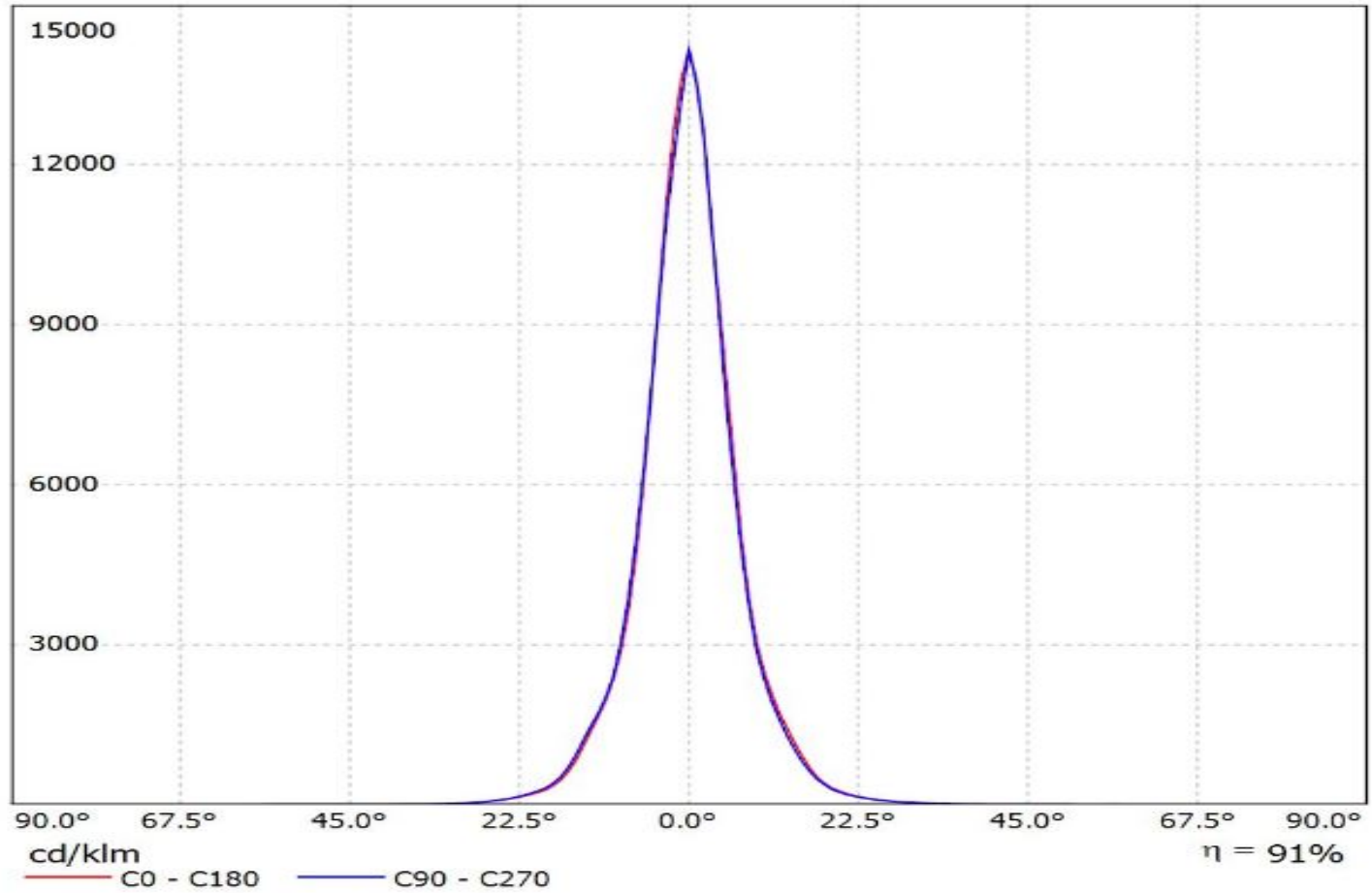
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(XHP35 HD)_SIMULATED
Lamps: 1 x Cree XHP35 HD



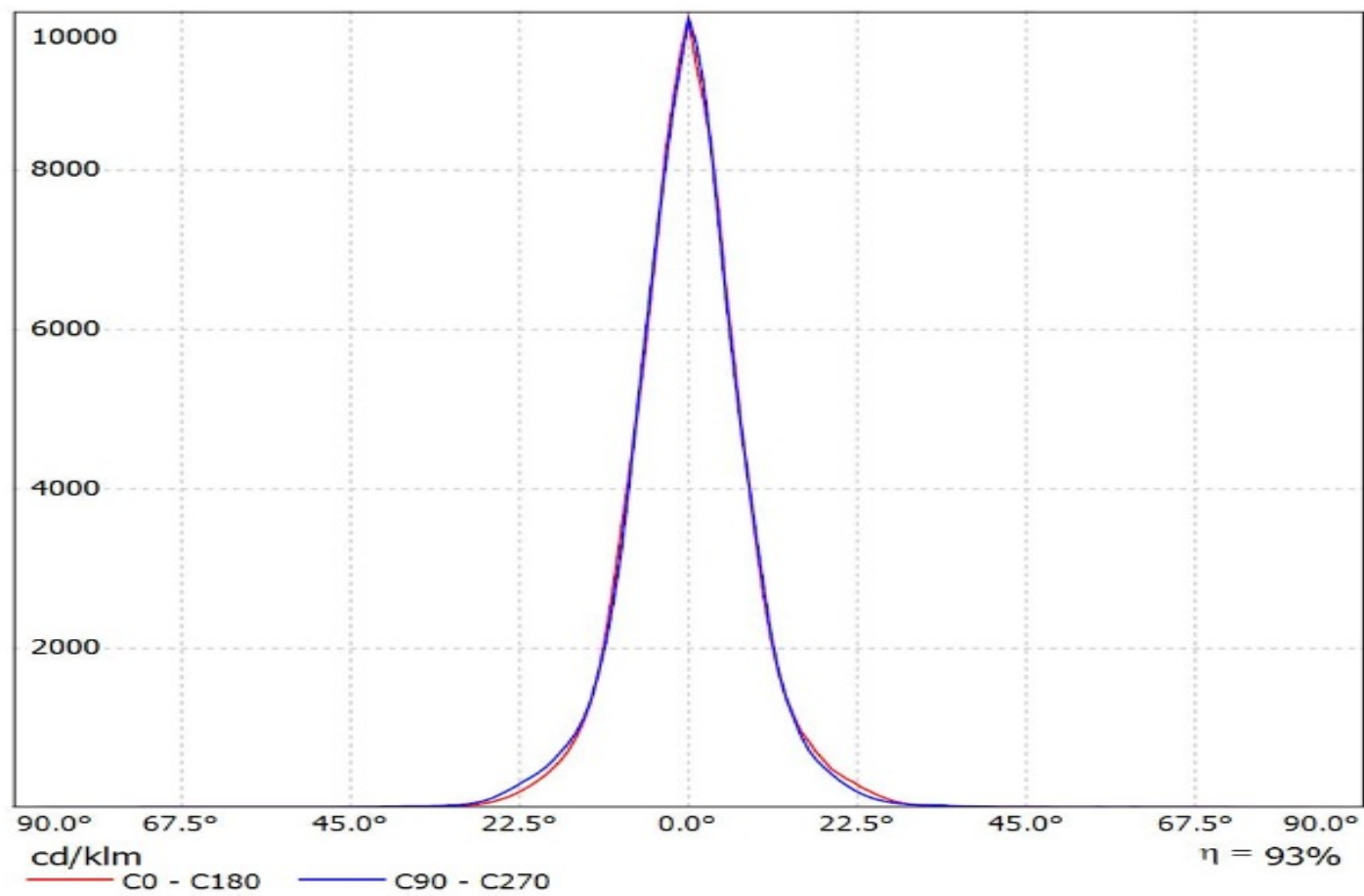
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(XHP35 HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(XP-E2)_SIMULATED
Lamps: 1 x Cree XP-E2

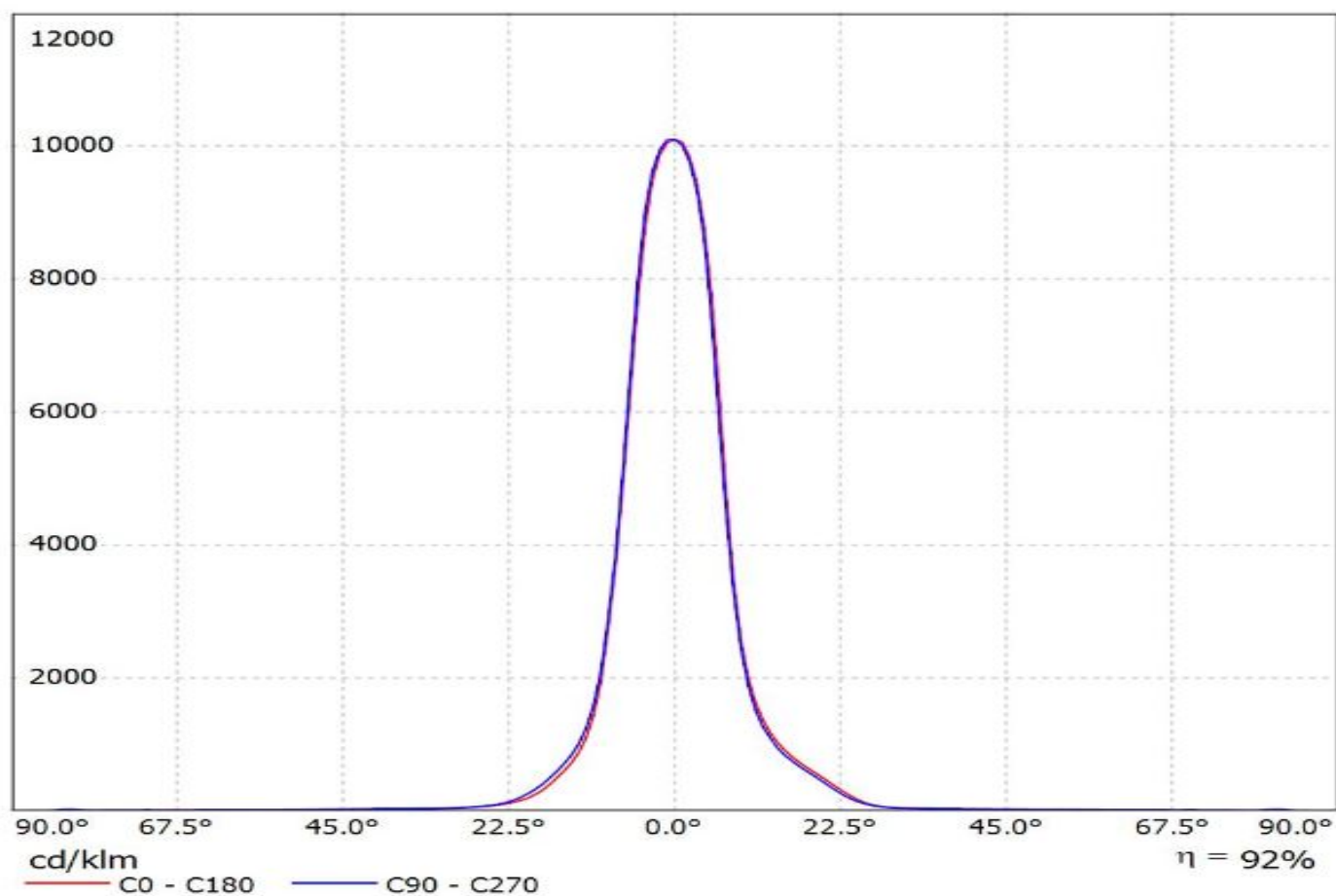


Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(H35C1)_SIMULATED
Lamps: 1 x LG H35C1

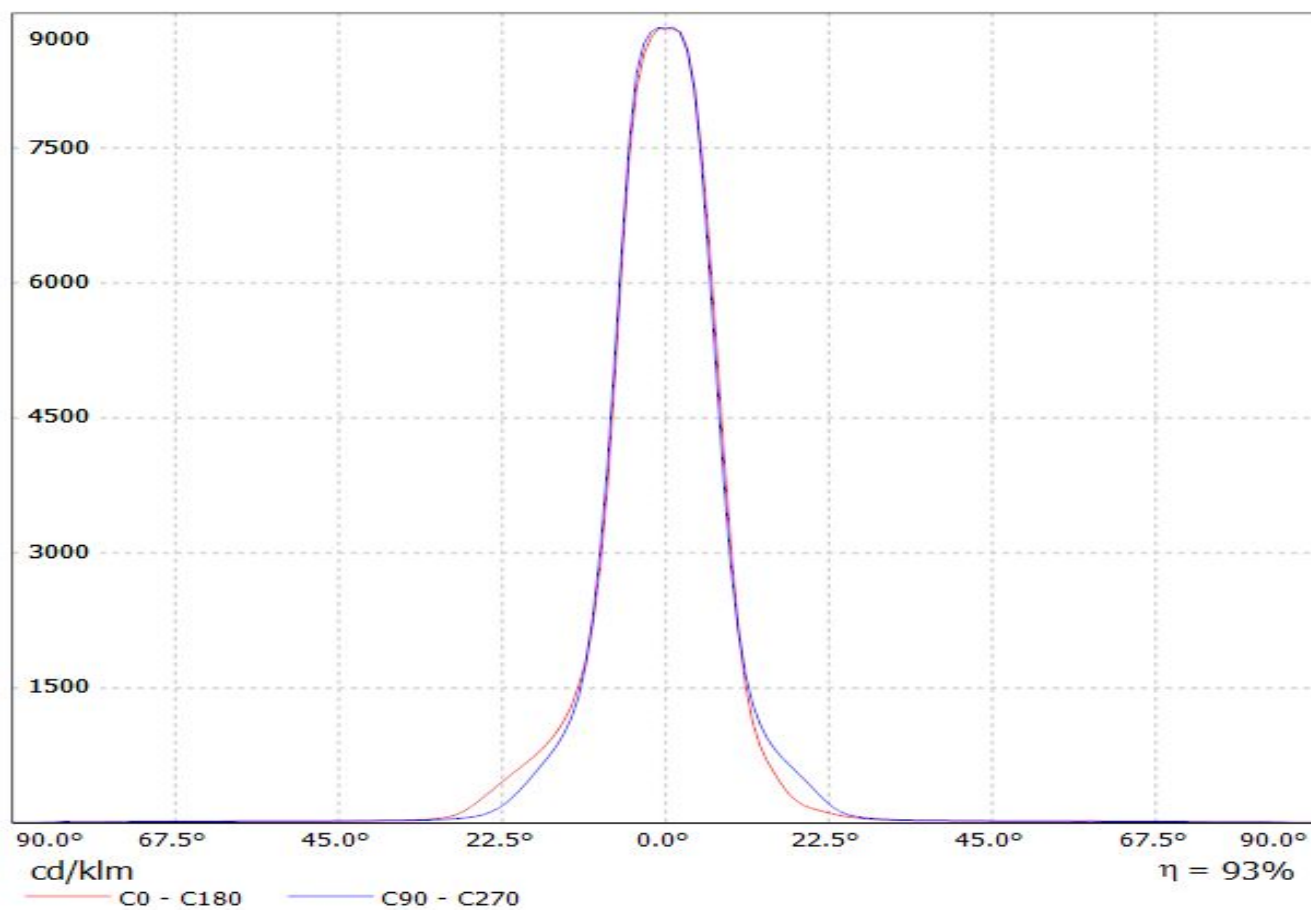


Luminaire: Ledil CS14895_HB-IP-2X6-RS_(XR-TX)

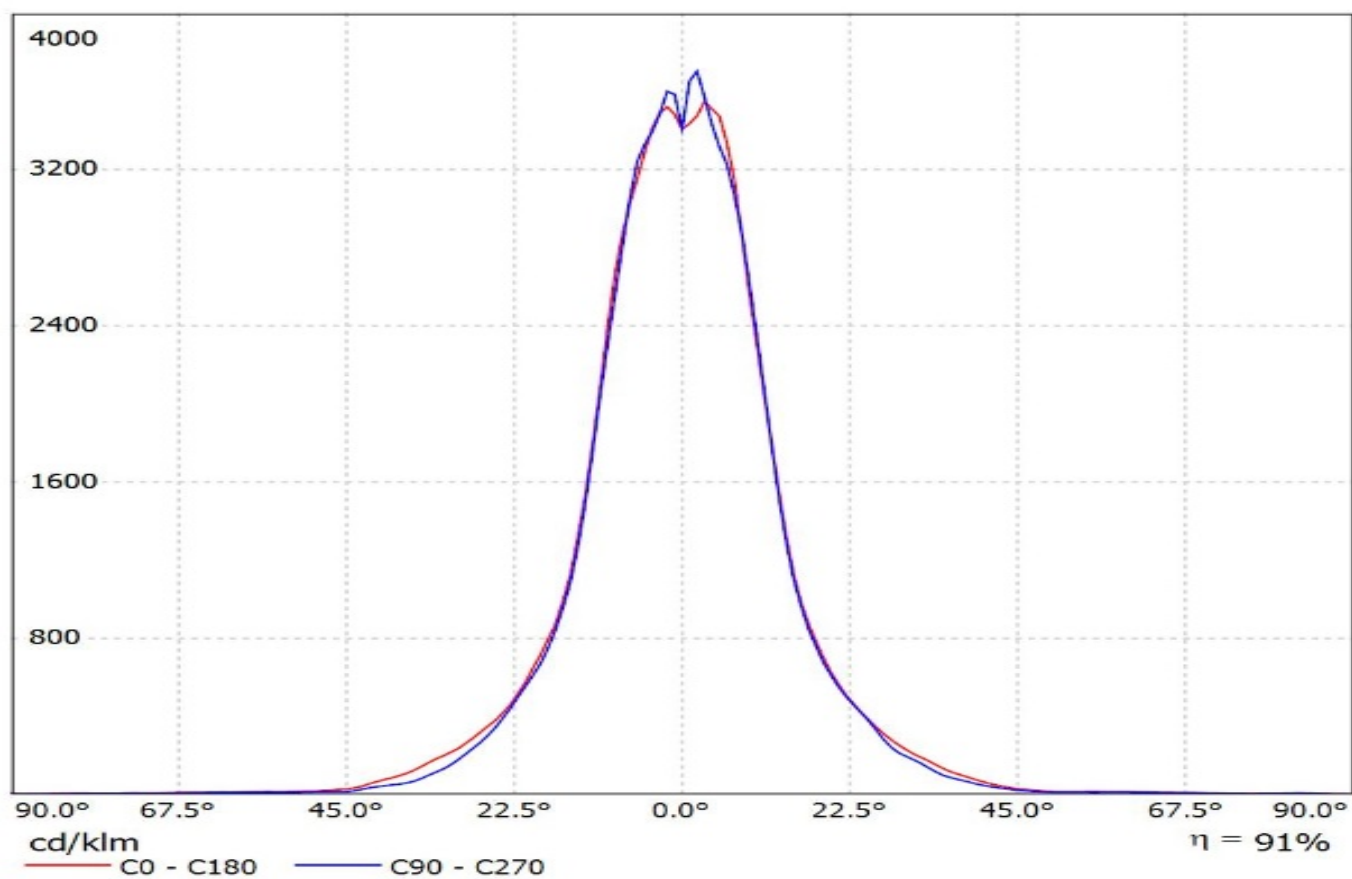
Lamps: 1 x Luxeon_XR-TX_1376.41lm@250mA_P=8.3920W_I=0.250A



Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(Luxeon_T)
Lamps: 1 x Luxeon_T_(LXH8-FW30)_1040.41lm@250mA_P=8.49754W_I=0.250A

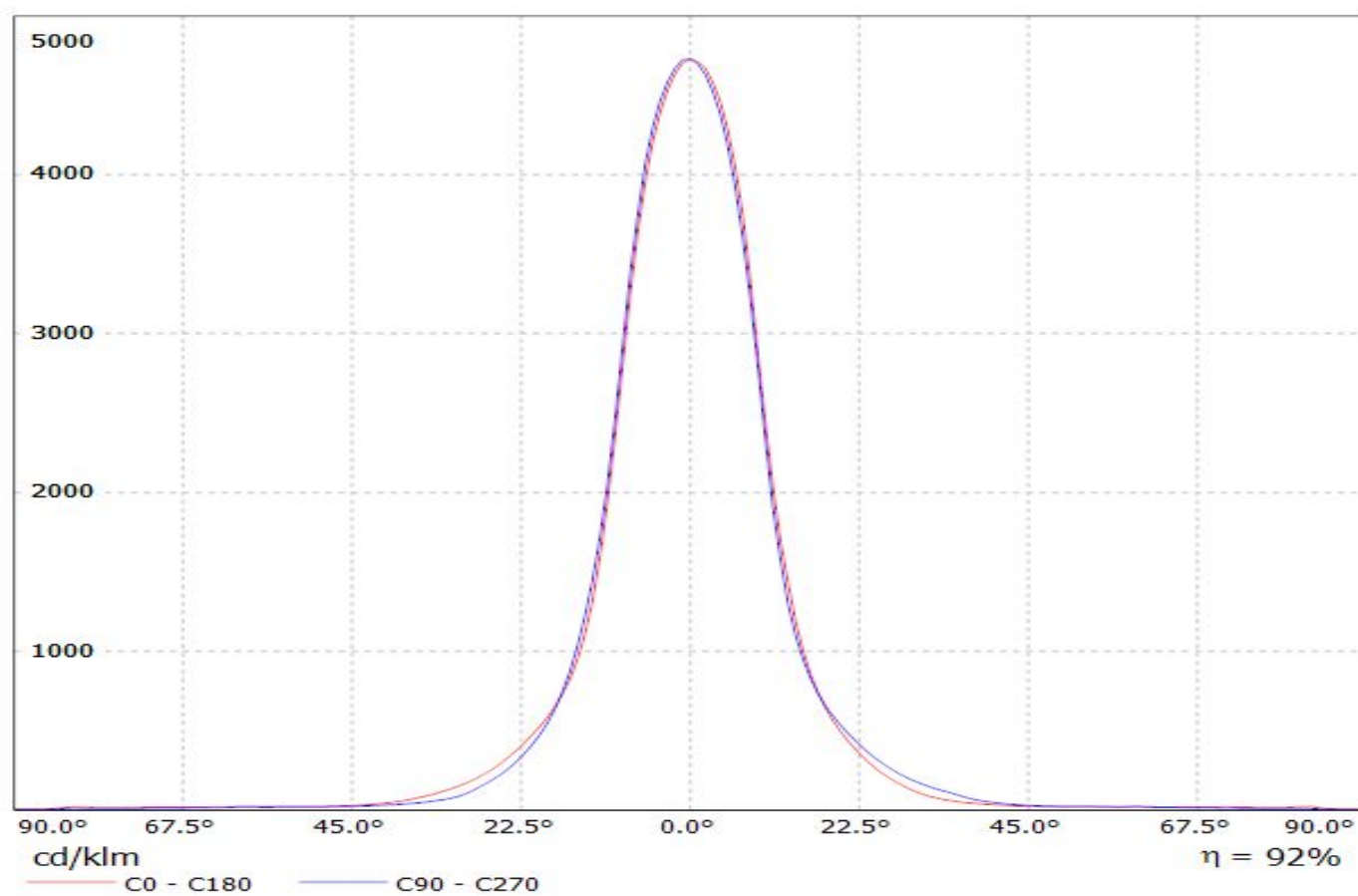


Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050



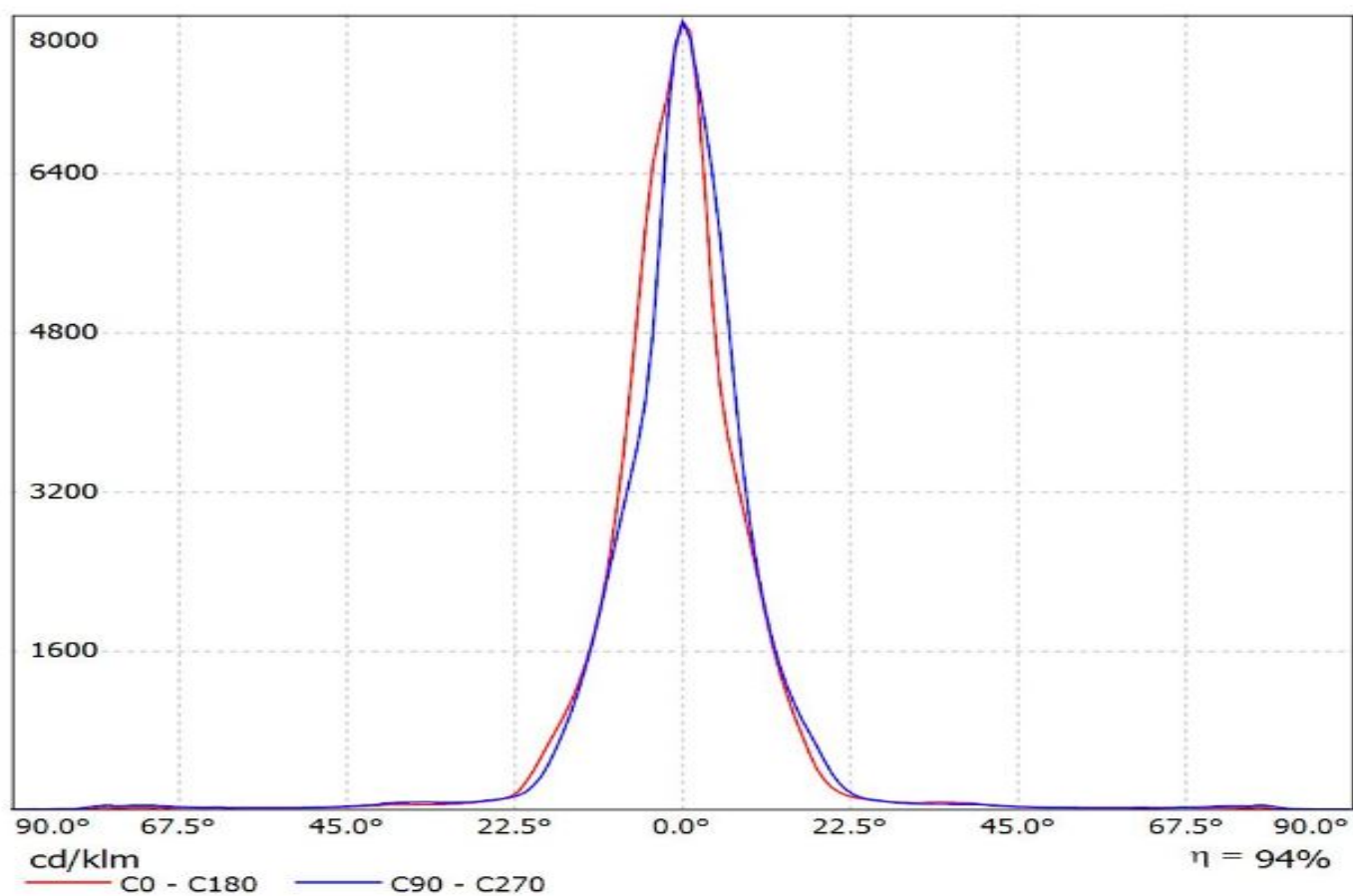
Luminaire: Ledil CS14895_HB-IP-2X6-RS_(Luxeon_V)

Lamps: 1 x Lumileds_Luxeon_V_1451.92lm@250mA_P=8.21196W_U=32.860V



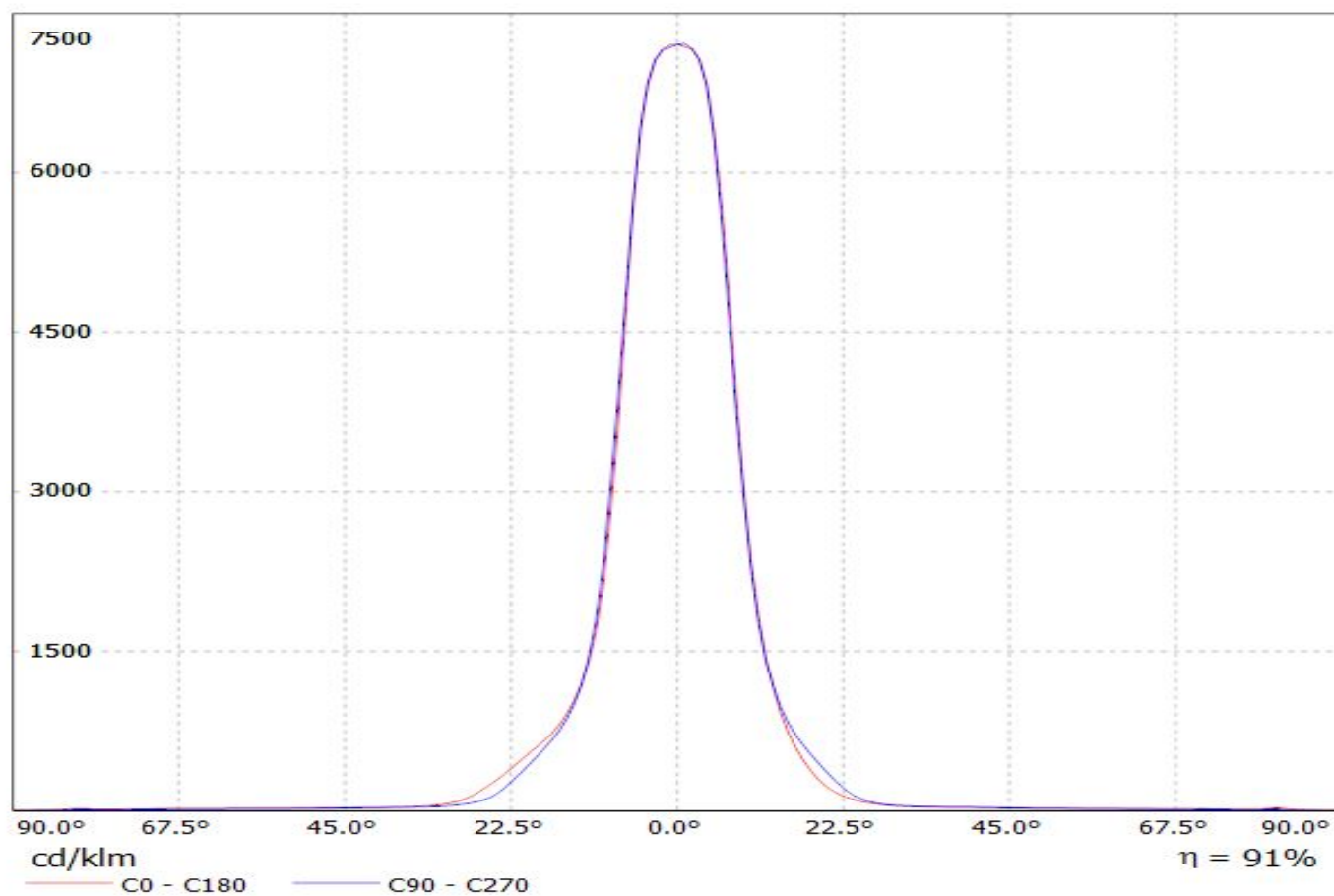
Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS (Nichia_E21)

Lamps: 1 x Nichia_NVSWE21A_583.232lm@600mA_P=3.51742W_I=0.600A

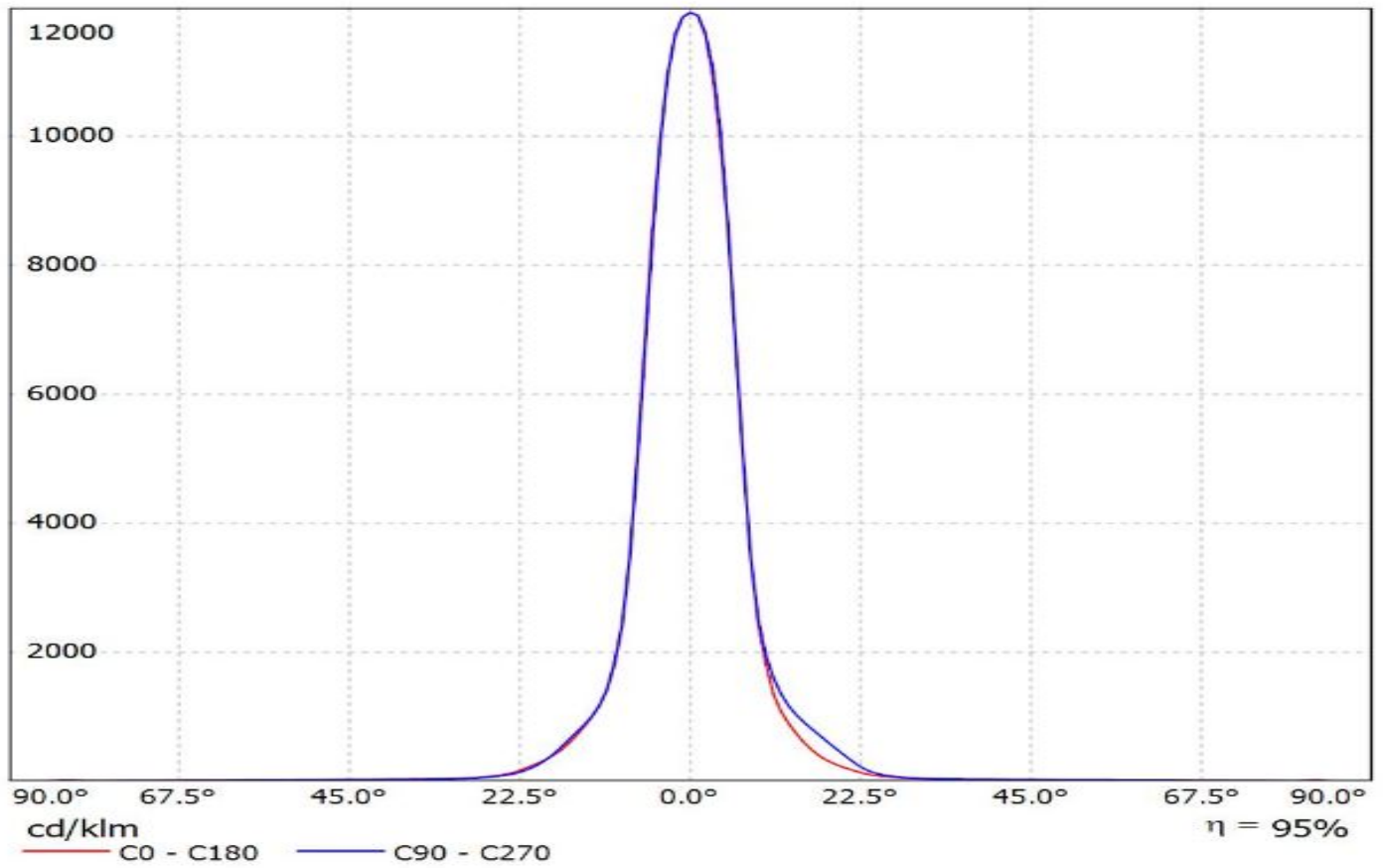


Luminaire: Ledil CS14895_HB-IP-2X6-RS_(NVSL219CT)

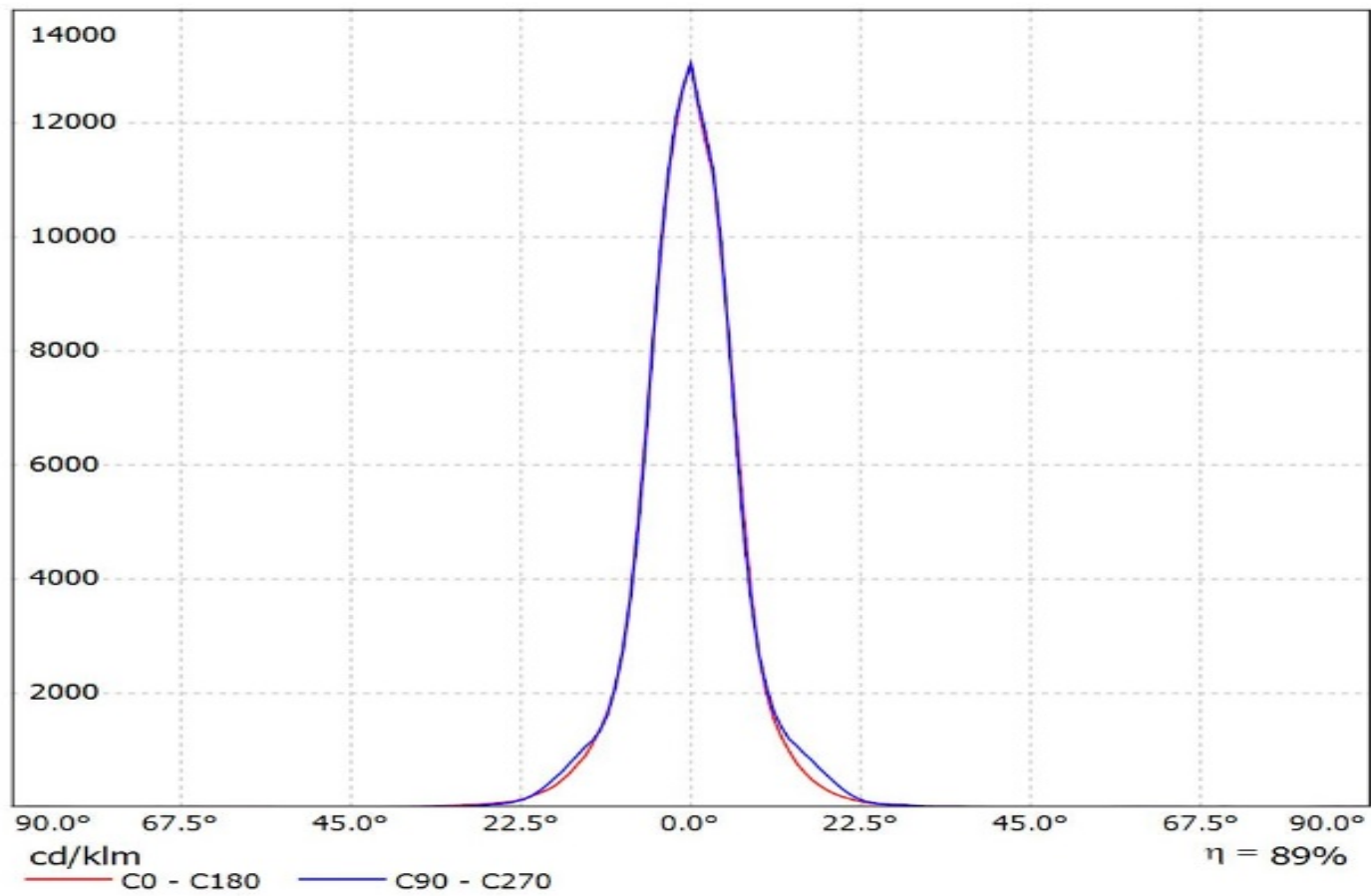
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A



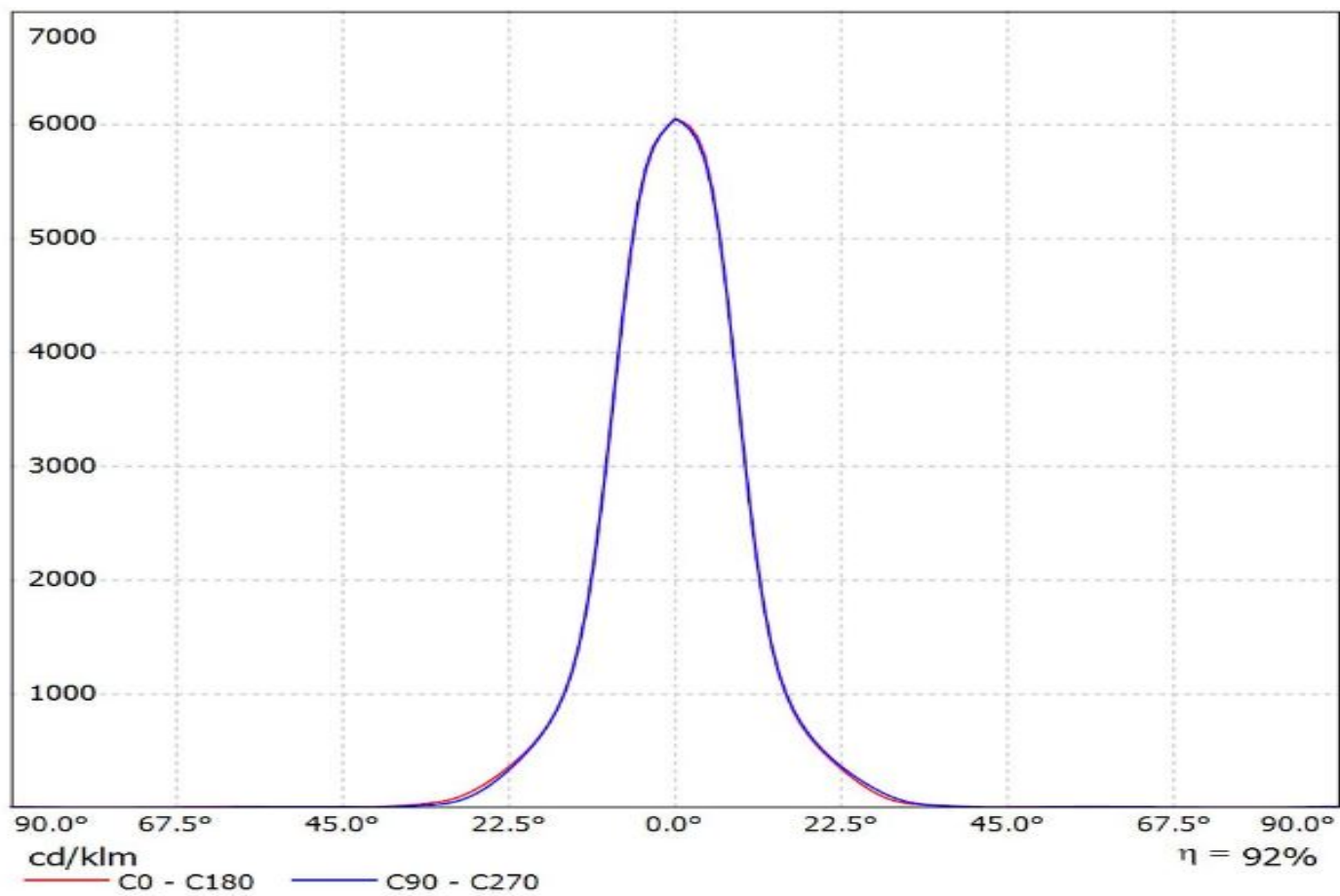
Luminaire: Ledil CS14895_HB-IP-2X6-RS_(SQ-Gen3)
Lamps: 1 x Osram_Oslon_SQ-Gen3_(GW_CSSRM2_PM-MUNQ-A737-1)
_1306.6lm@250mA_P=8.24945W_U=33.010V



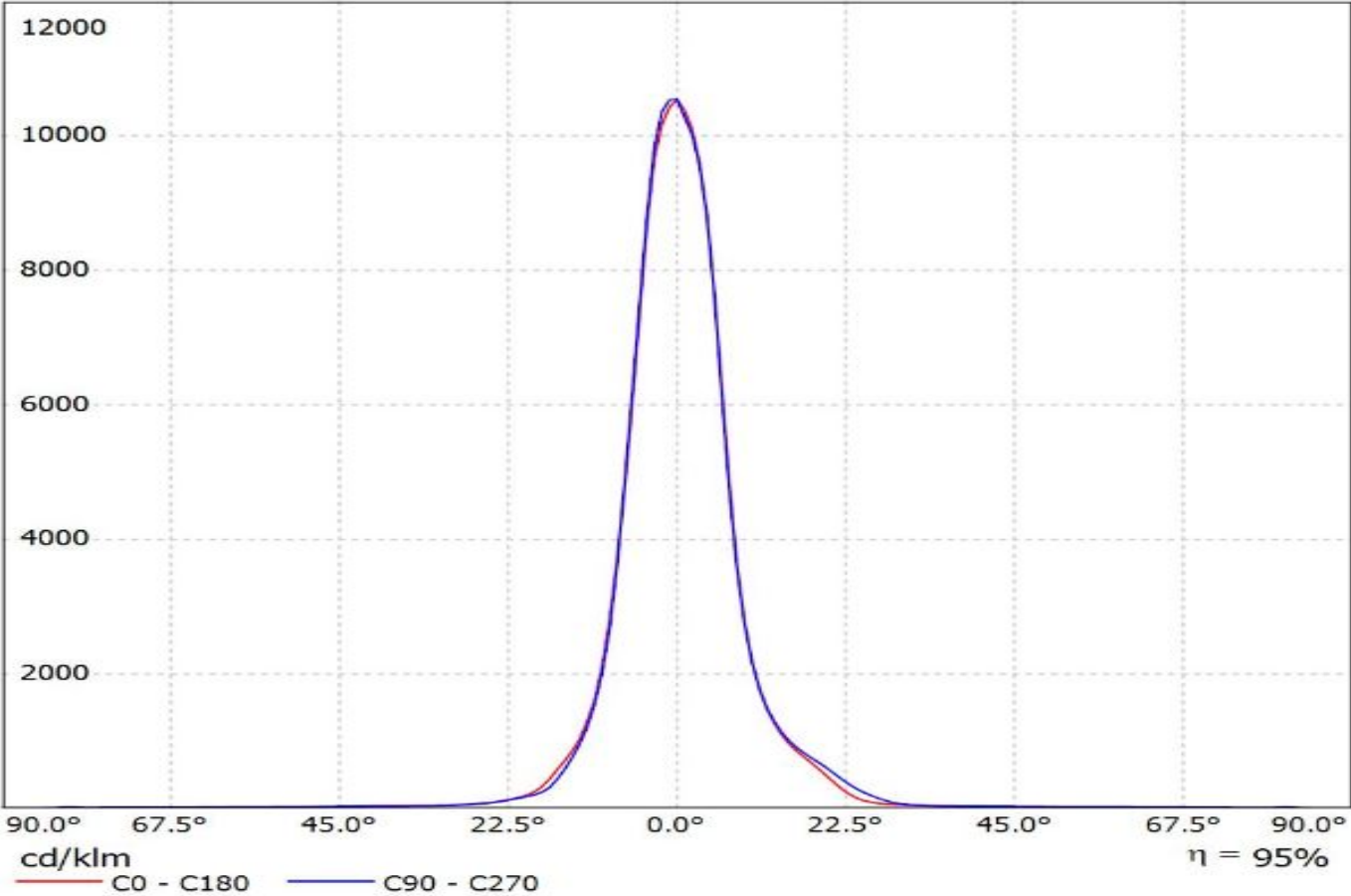
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(Duris_P8)_SIMULATED
Lamps: 1 x OSram Duris P8



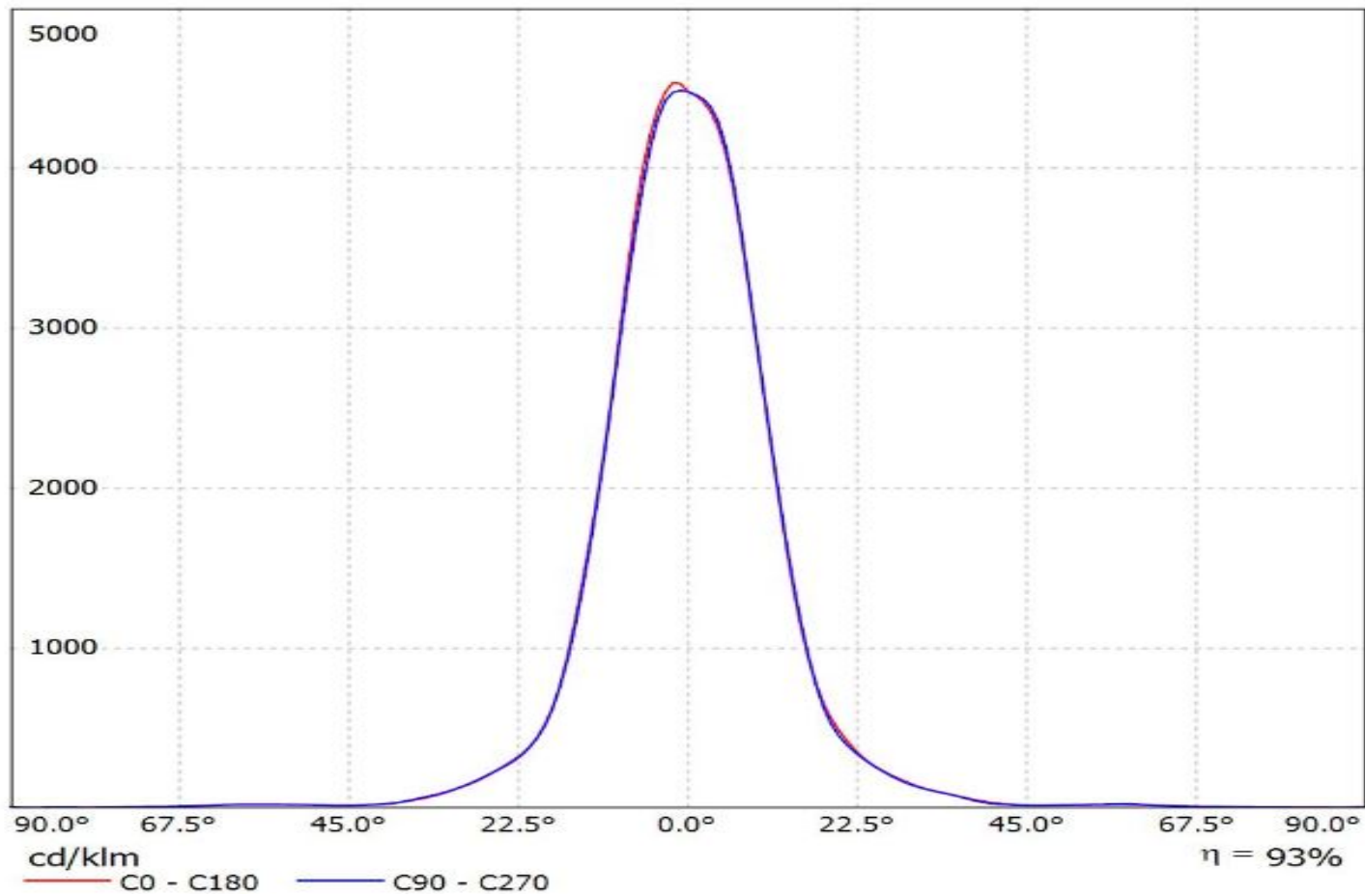
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9



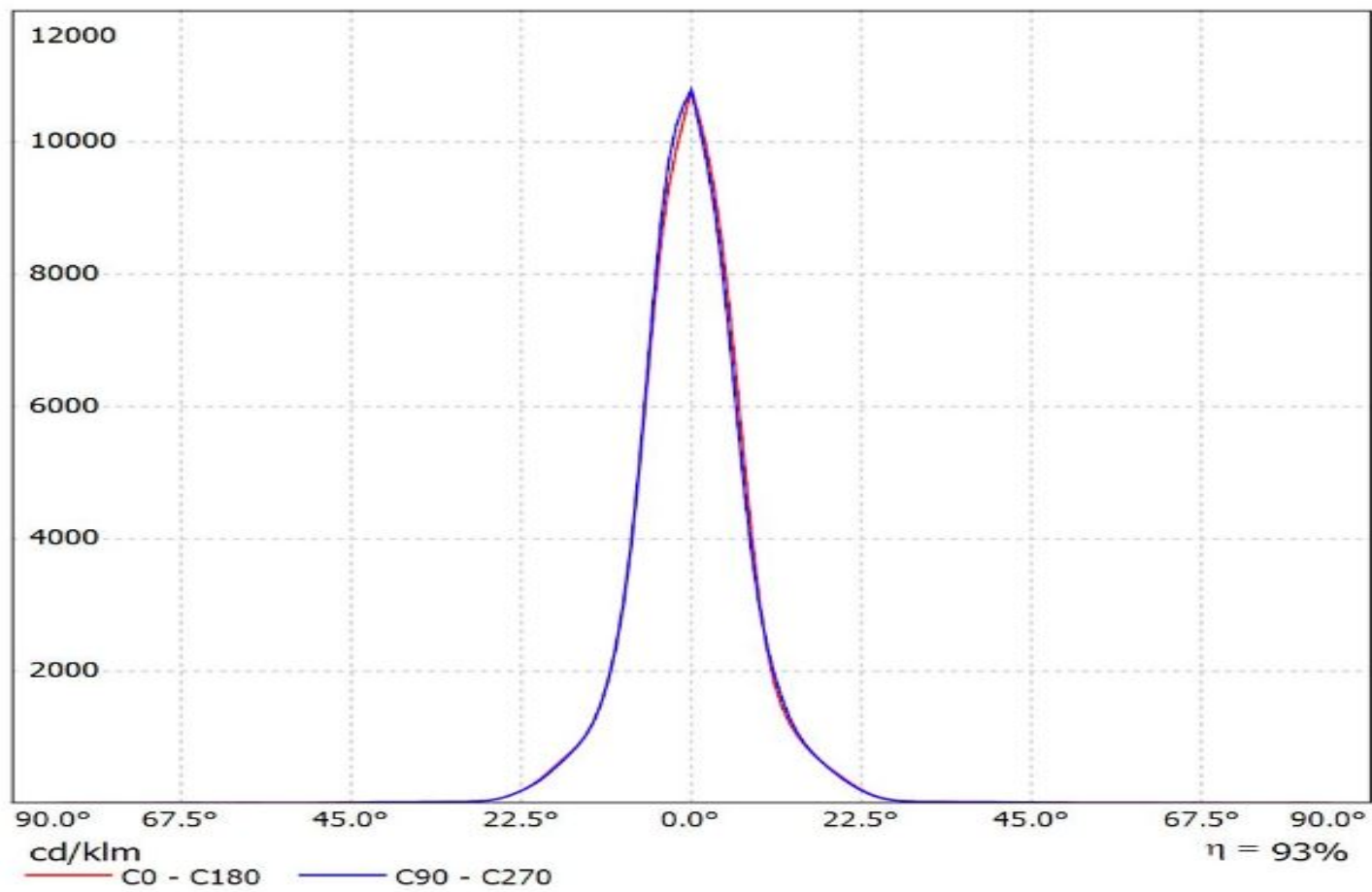
Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



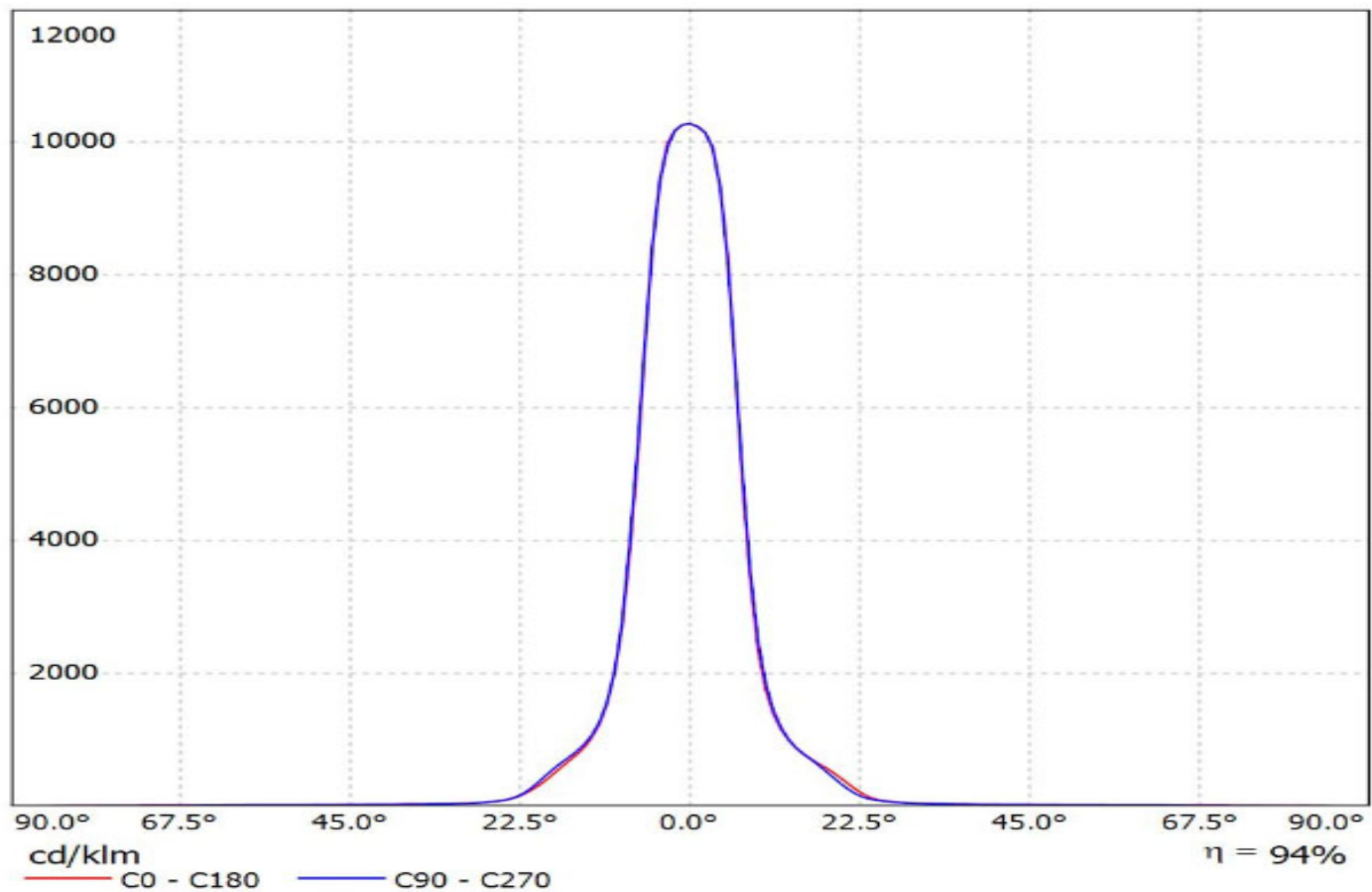
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(LH351D)_SIMULATED
Lamps: 1 x Samsung LH351D



Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(Samsung_LH181B)_SIMULATED
Lamps: 1 x Samsung_LH181B

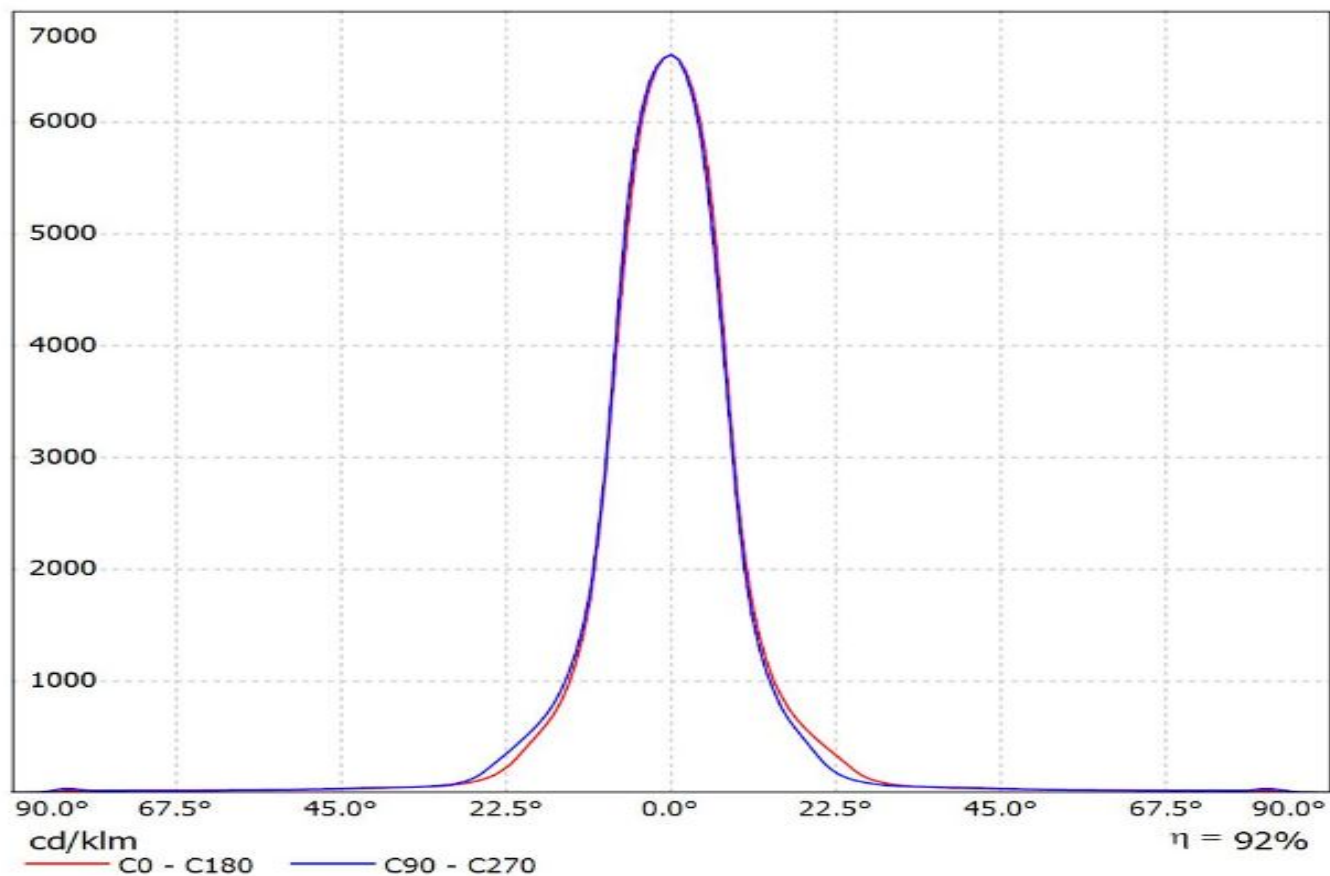


Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(Z5M2)
Lamps: 1 x Seoul_Z5M2_2x6_(SZ5-M2-W0-00)_1510.16lm@250mA_P=8.57039W_I=0.25A

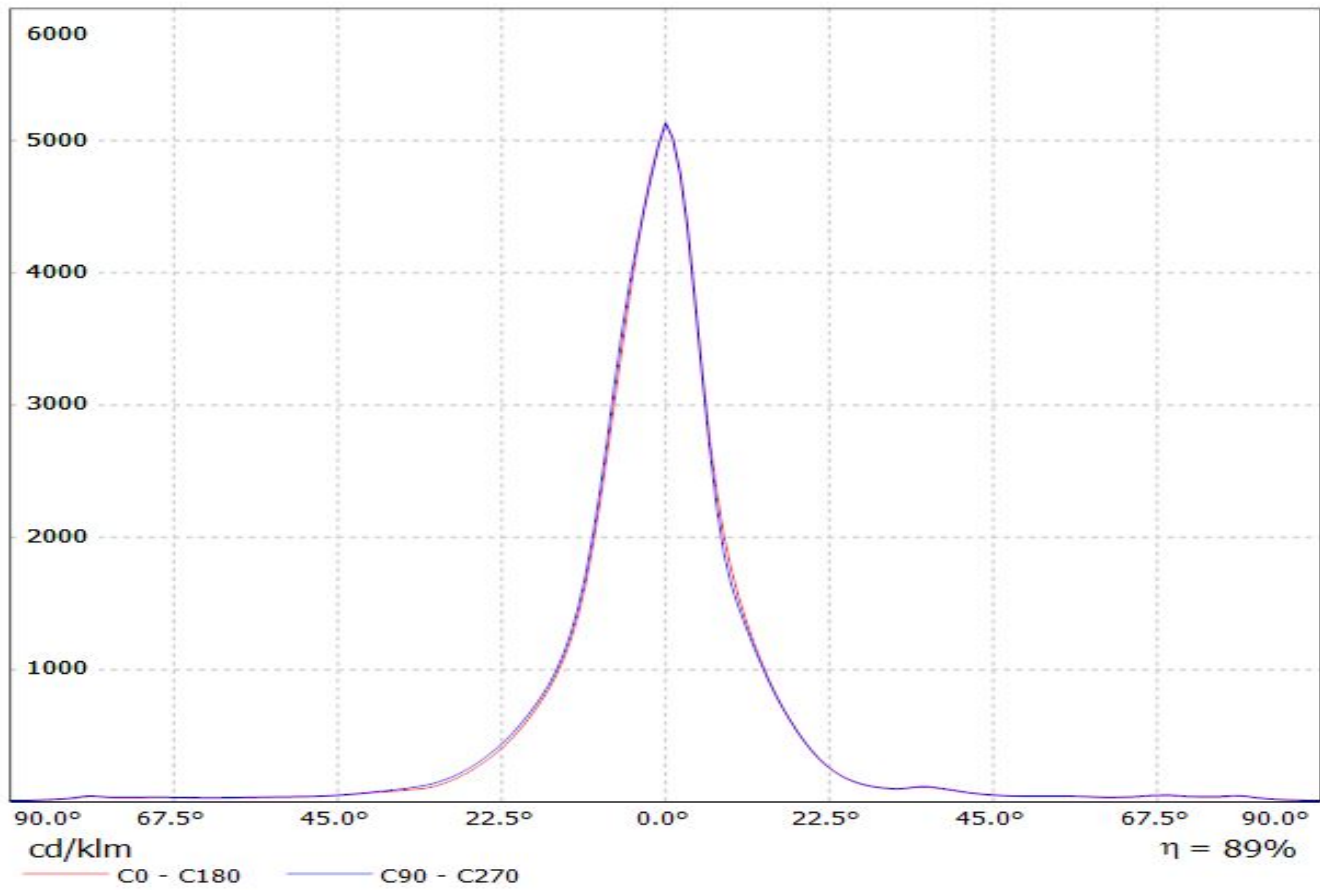


Luminaire: Ledil CS14895_HB-IP-2X6-RS_(Z8Y22_PLUS)

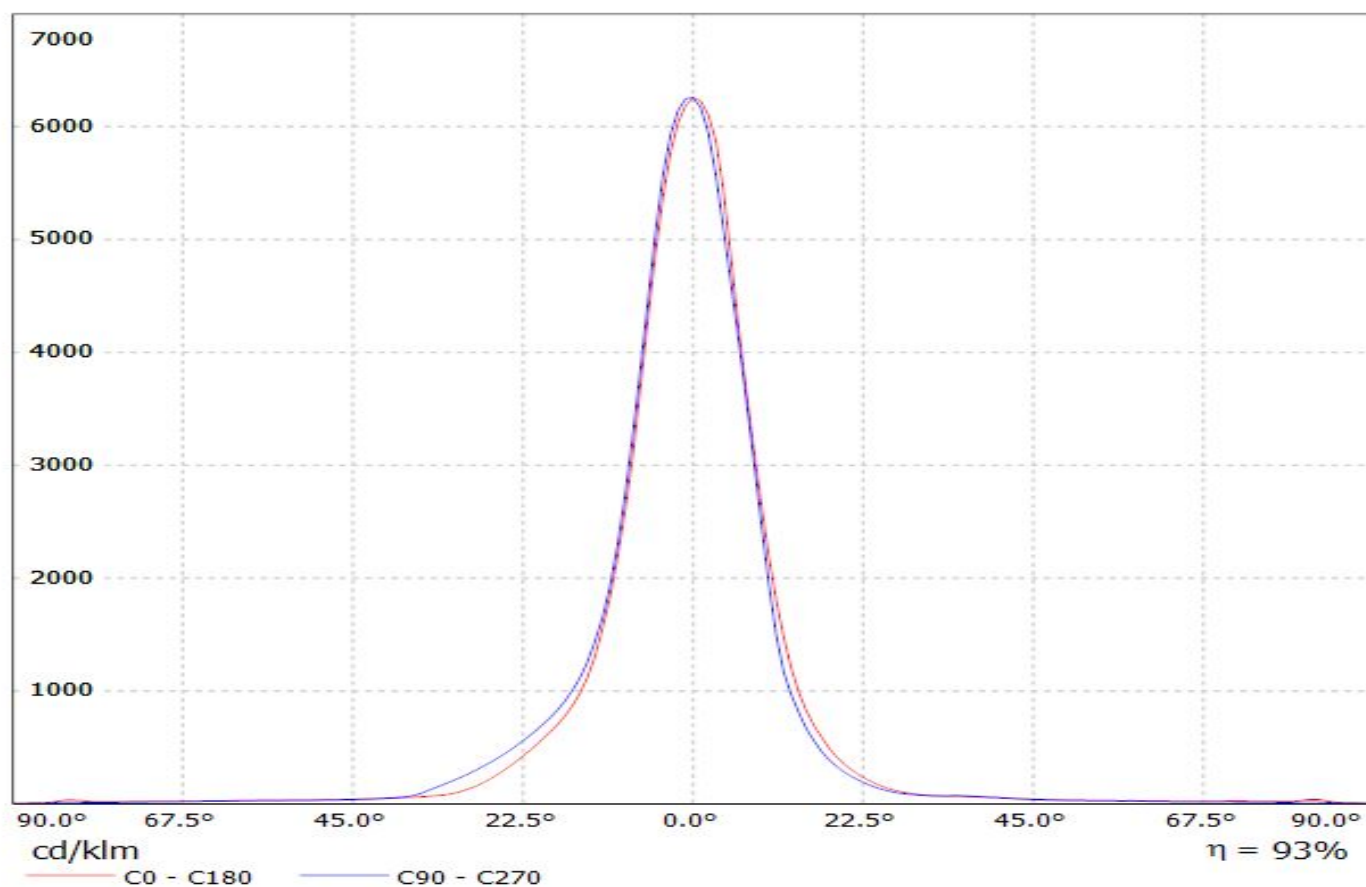
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(SMJQ-D36W12Mx)
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_I=0.25A

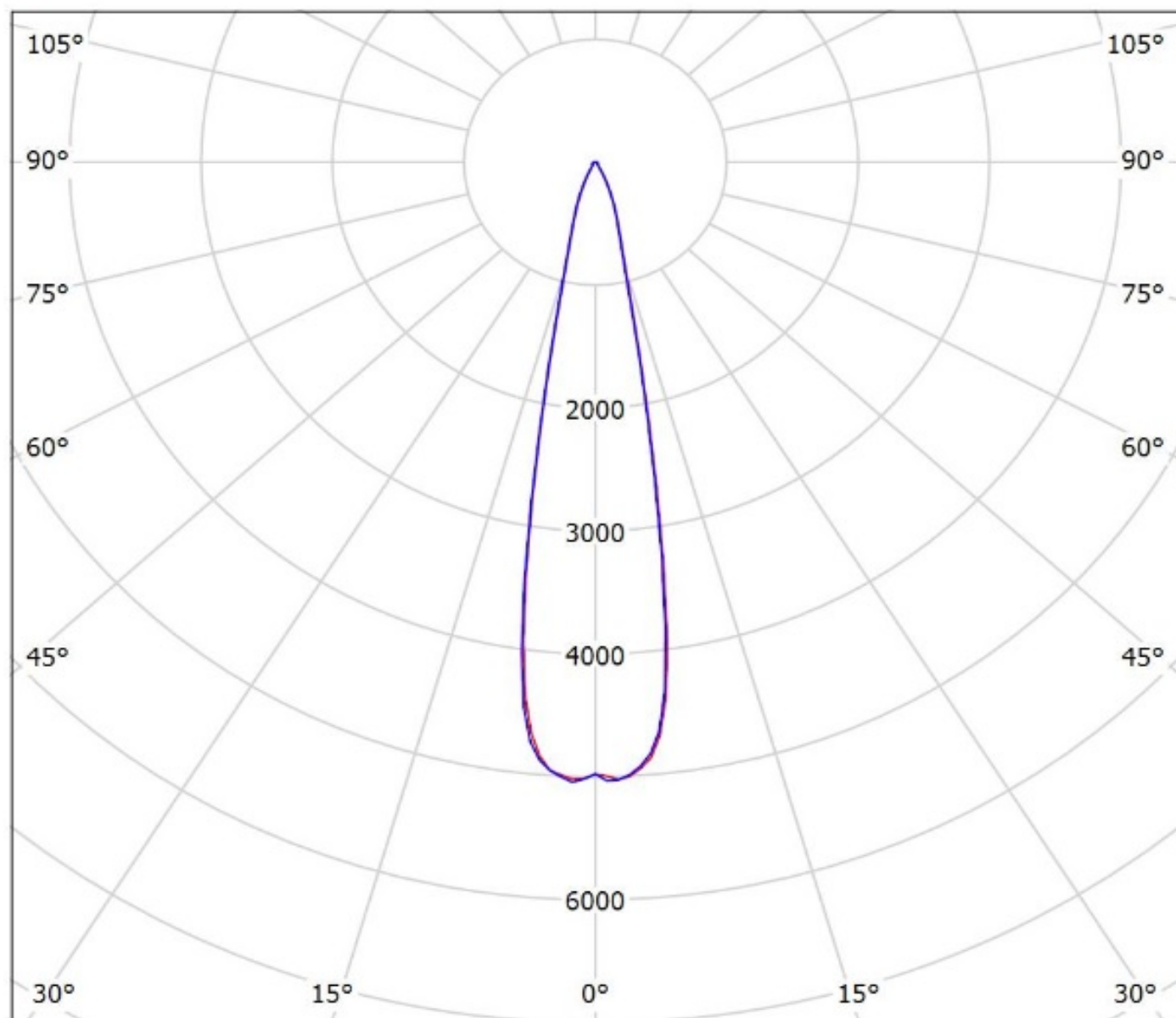


Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(SMJQ-D36W12Px)
Lamps: 1 x Seoul_SMJQ-D36W12Px_1404.92lm@250mA_P=8.22866W_I=0.25A



Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(XM-L)

Lamps: 1 x Cree_XM-L_(XMLAWT-00-0000-000LT20E7)_980.828lm@250mA_P=8.1232W_I=0.250A



cd/klm

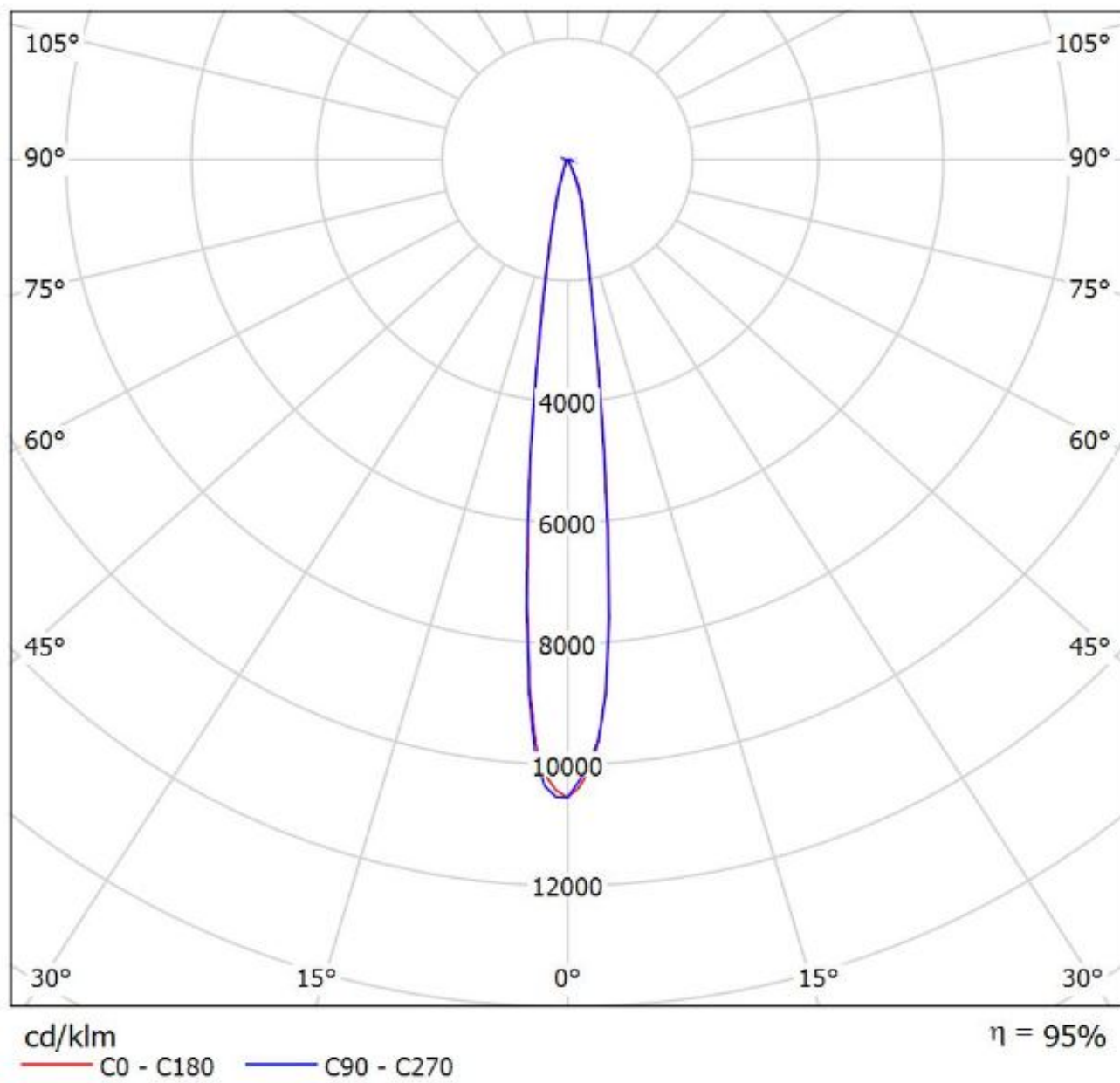
— C0 - C180

— C90 - C270

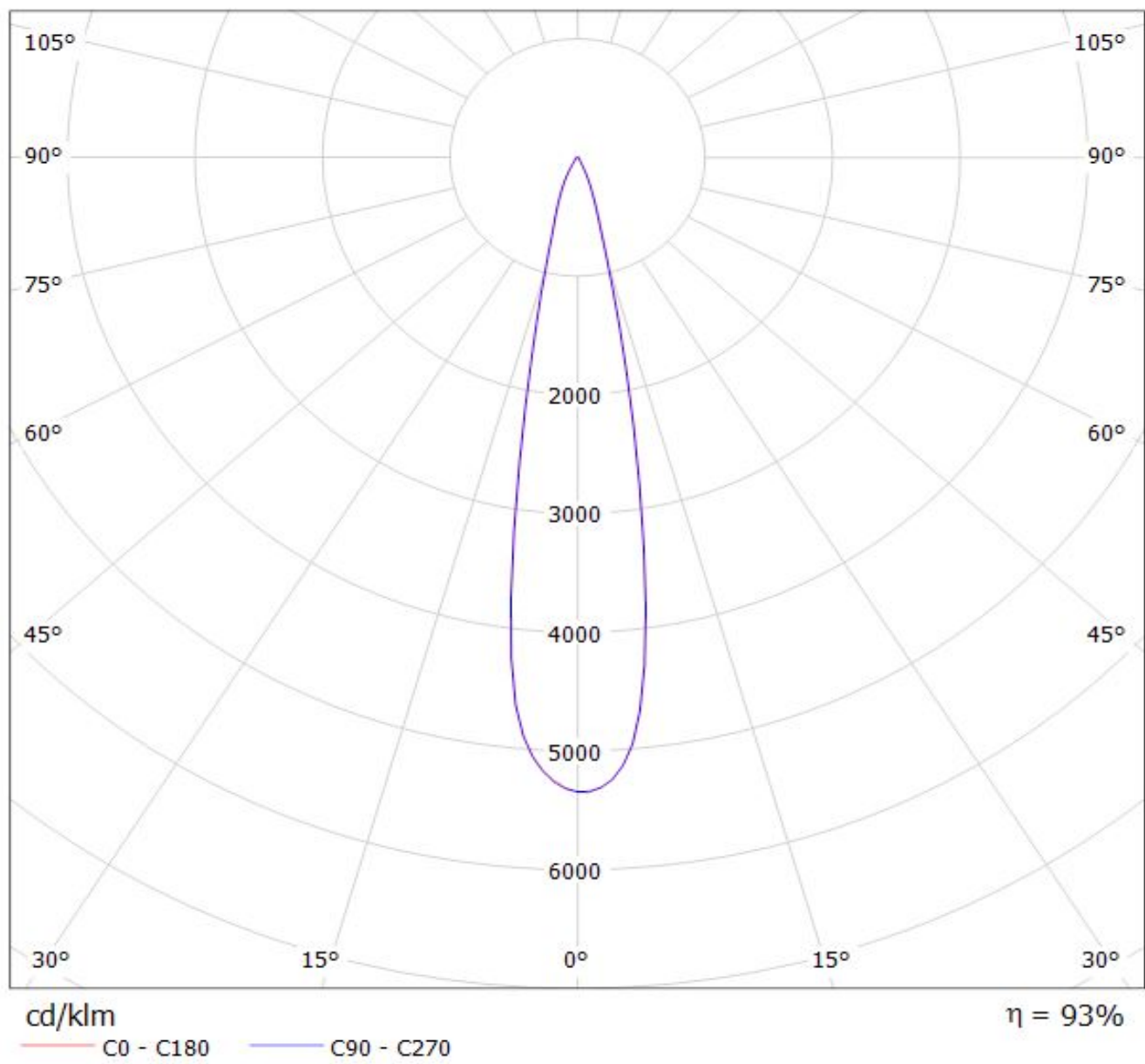
$\eta = 96\%$

Luminaire: LEDiL Oy CS14895 HB-IP-2X6-RS

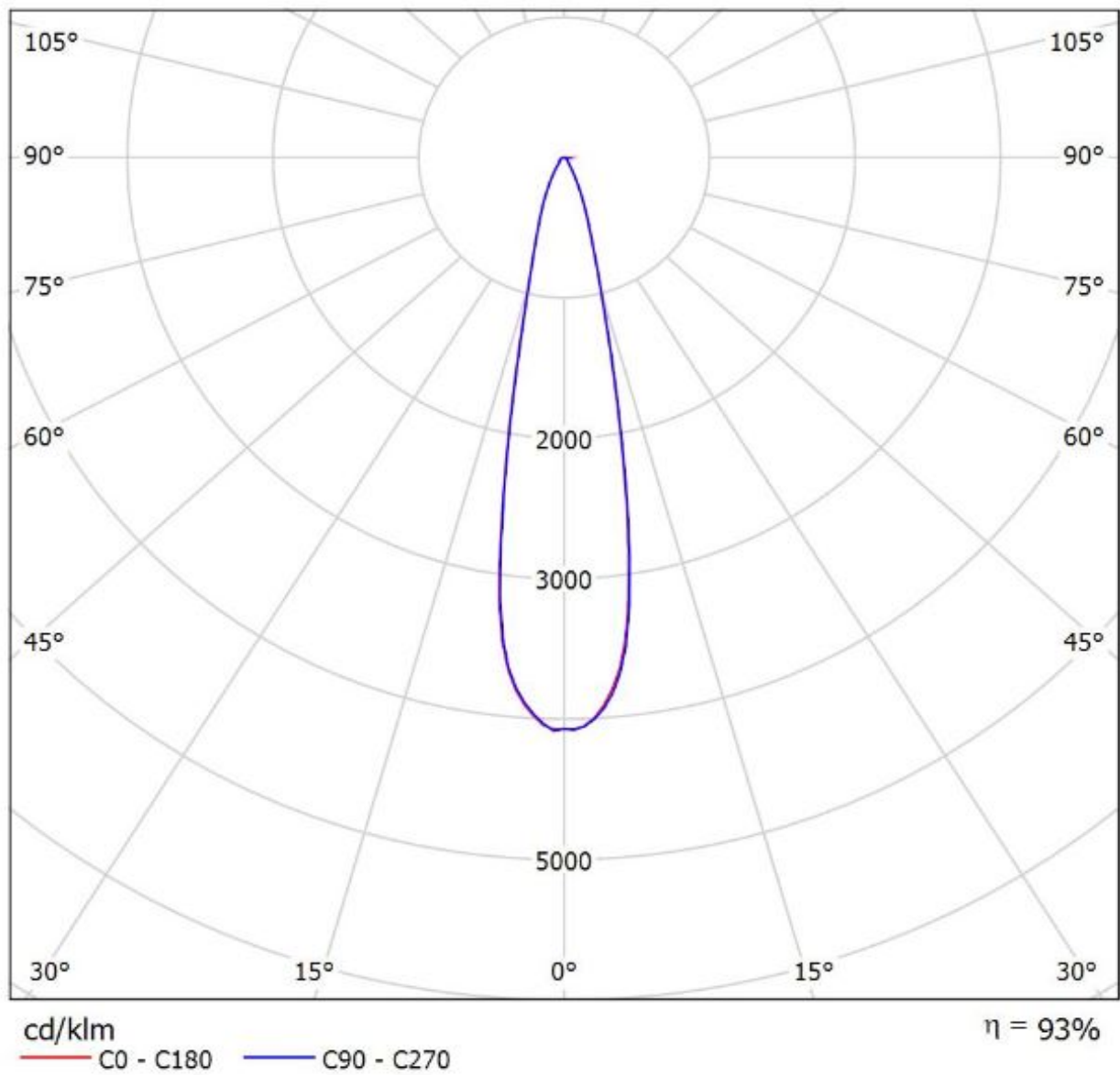
Lamps: 1 x Cree XP-G2 1235.27lm@250mA P=8.6001W I=0.25A



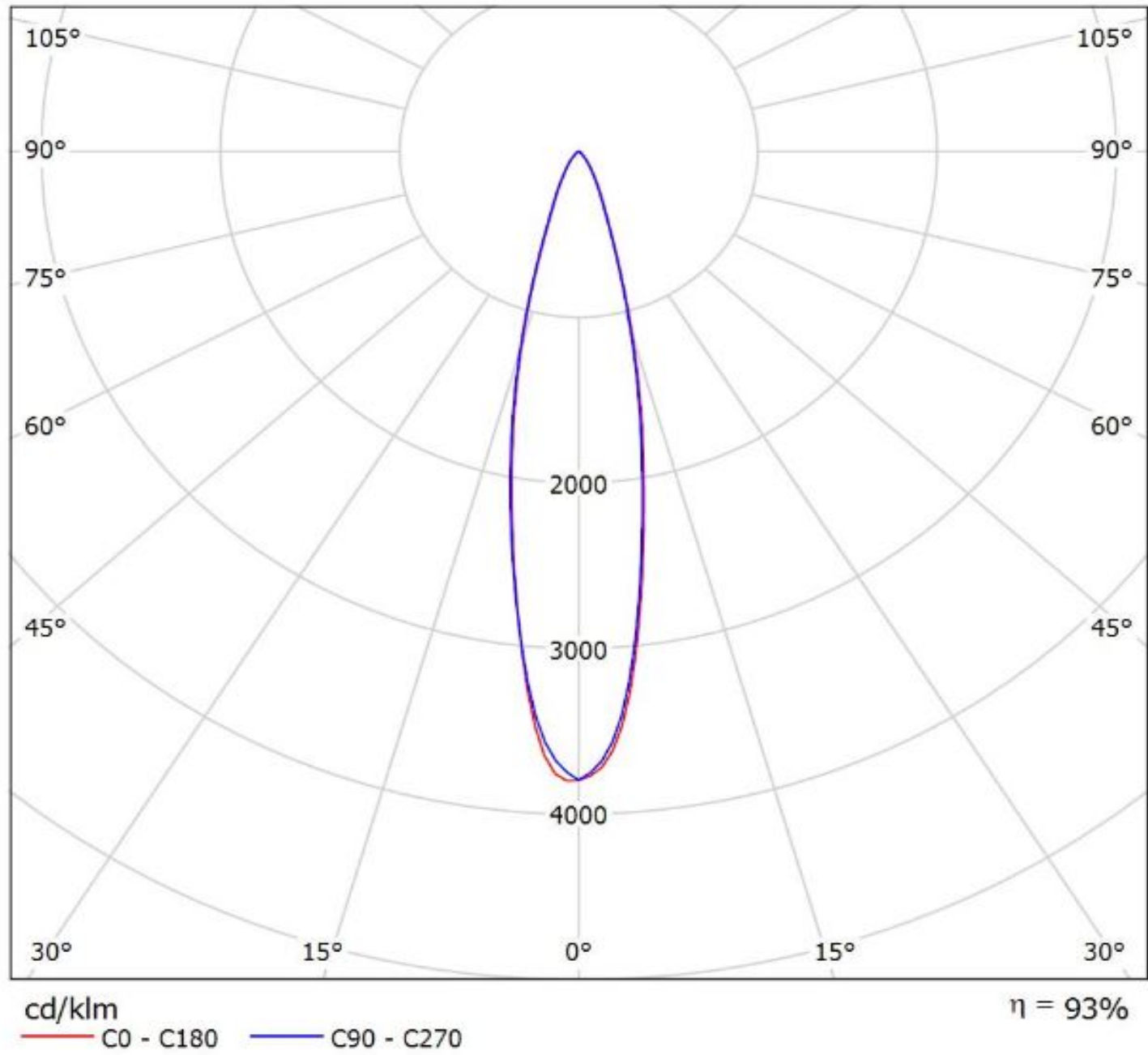
Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(XP-L)
Lamps: 1 x Cree_XP-L_(XPLAWT-0-7A3-U50-0H-0001)_1258.85lm@250mA_P=8.27562W_I=0.250A



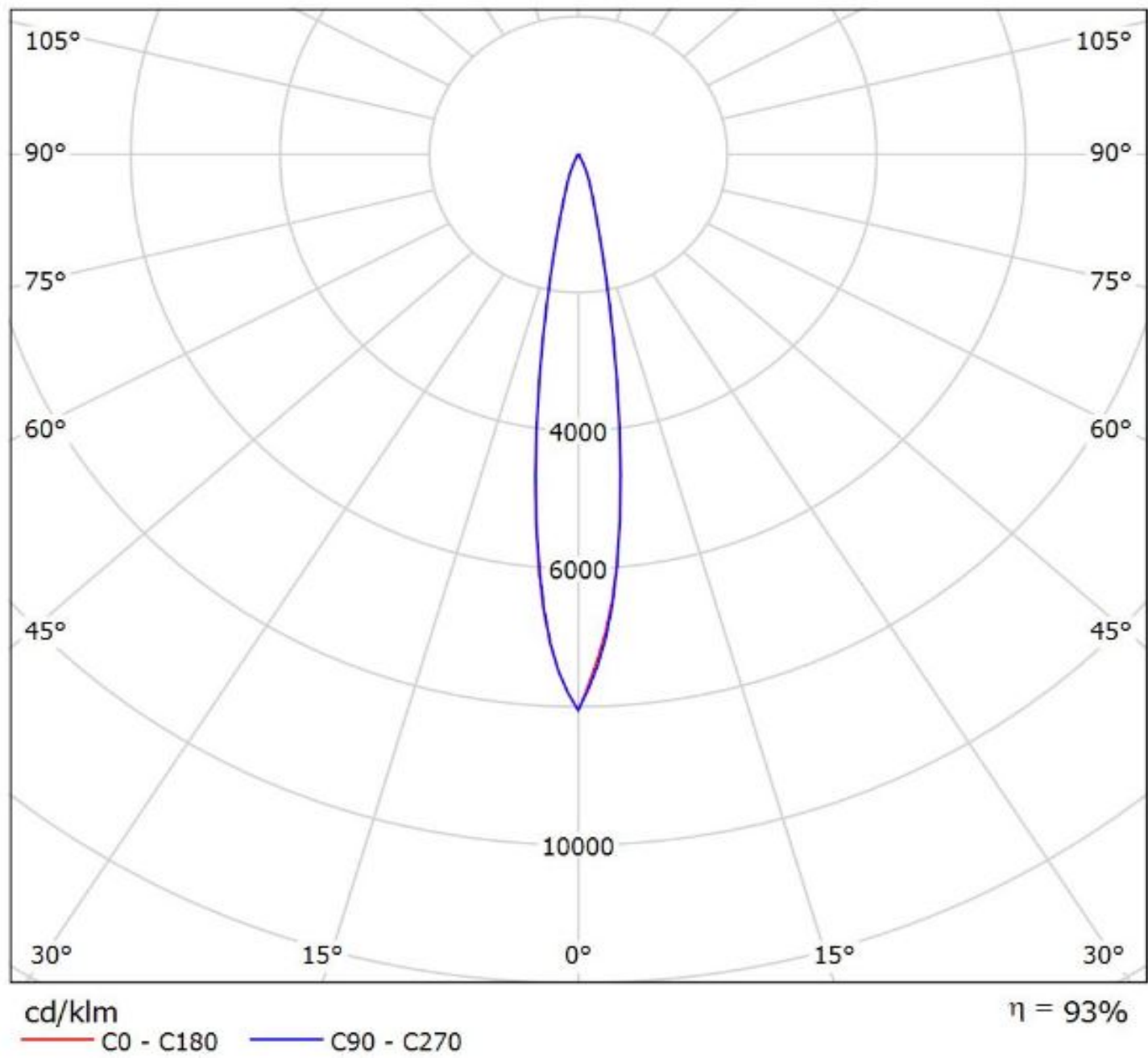
Luminaire: Ledil CS14895_HB-IP-2X6-RS_(XP-L2)
Lamps: 1 x Cree_XP-L2_2x6_1659.4lm@250mA_P=8.22525W_η=0.25A



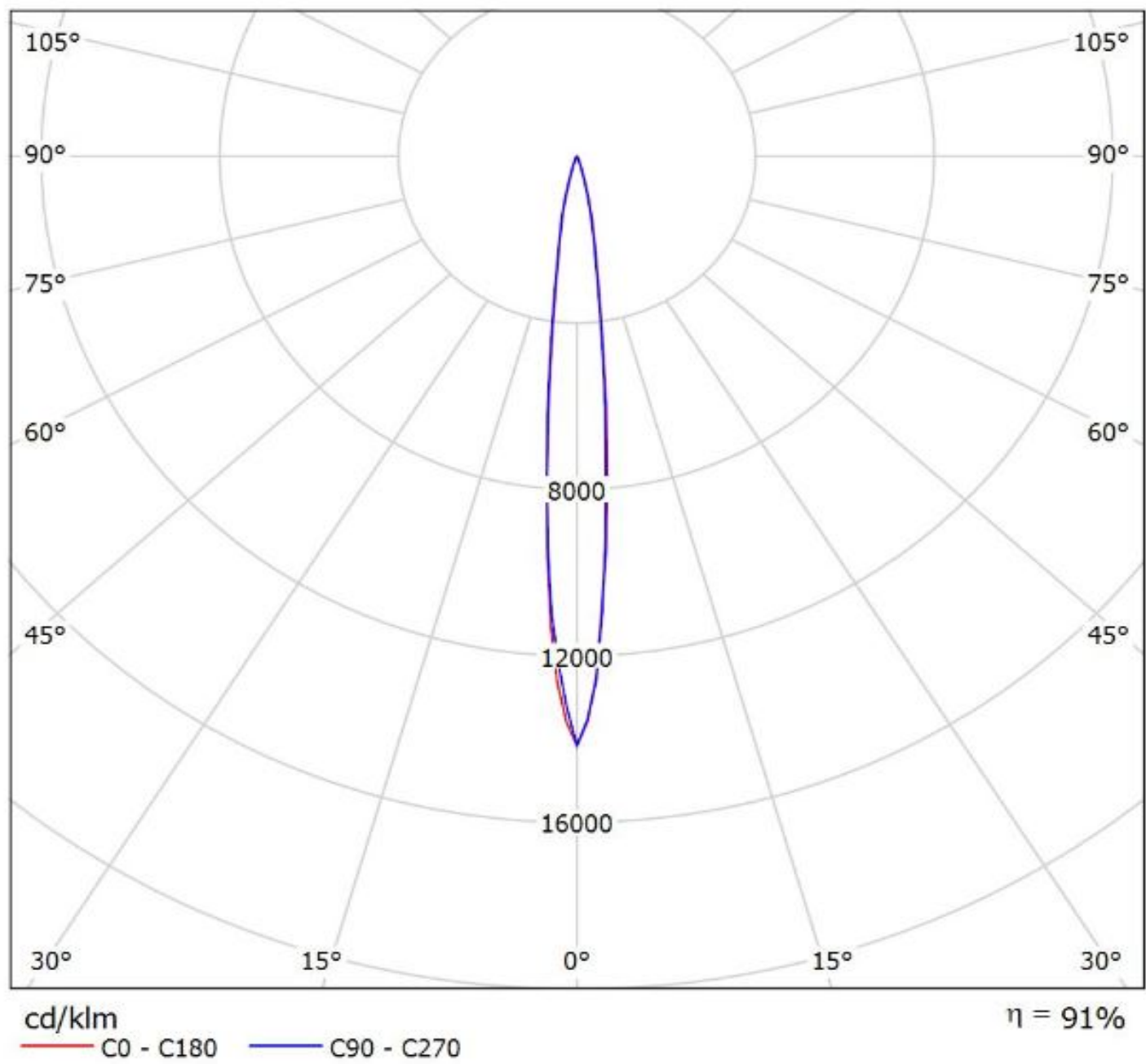
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(XHP35 HD)_SIMULATED
Lamps: 1 x Cree XHP35 HD



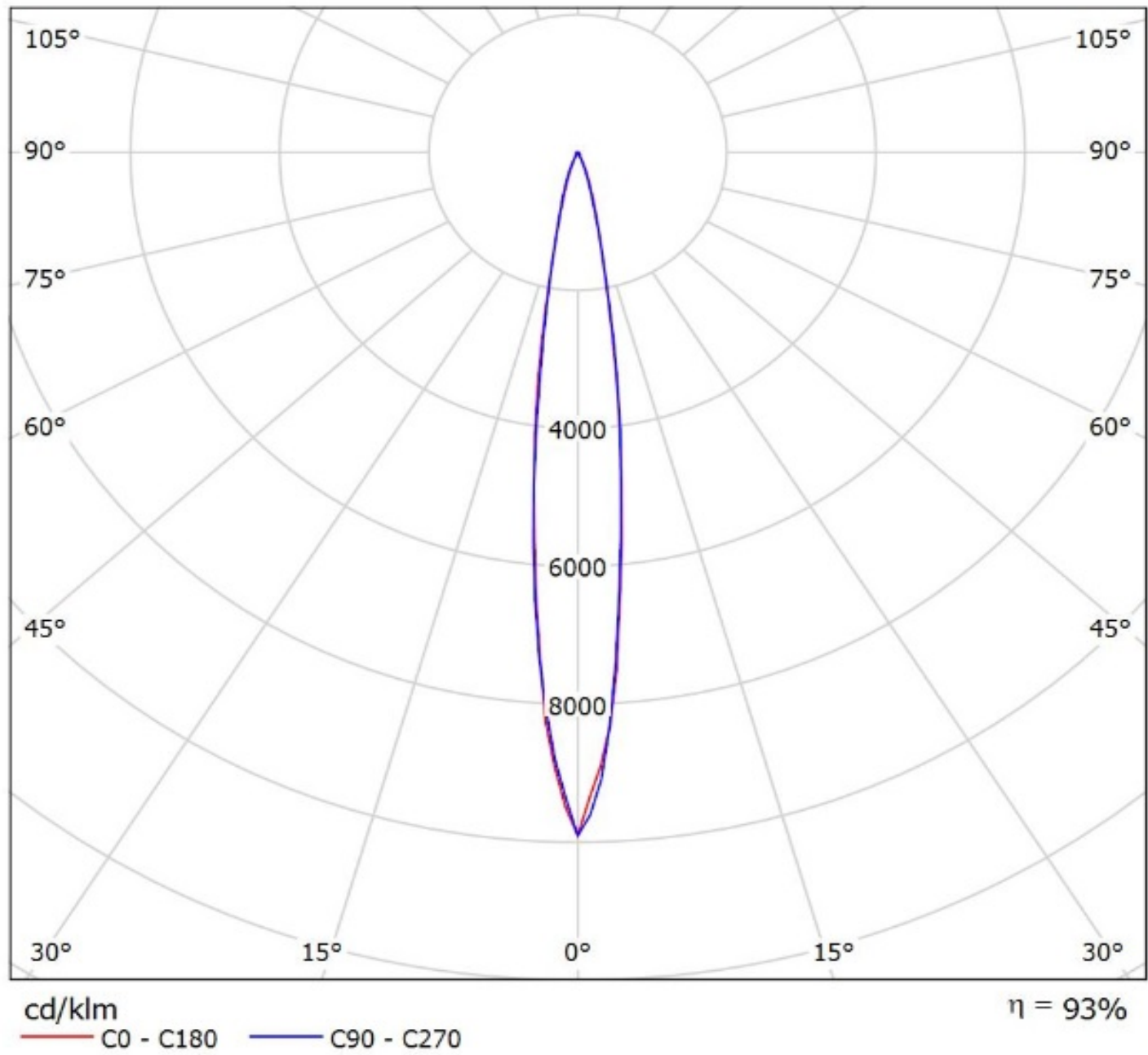
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(XHP35 HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(XP-E2)_SIMULATED
Lamps: 1 x Cree XP-E2

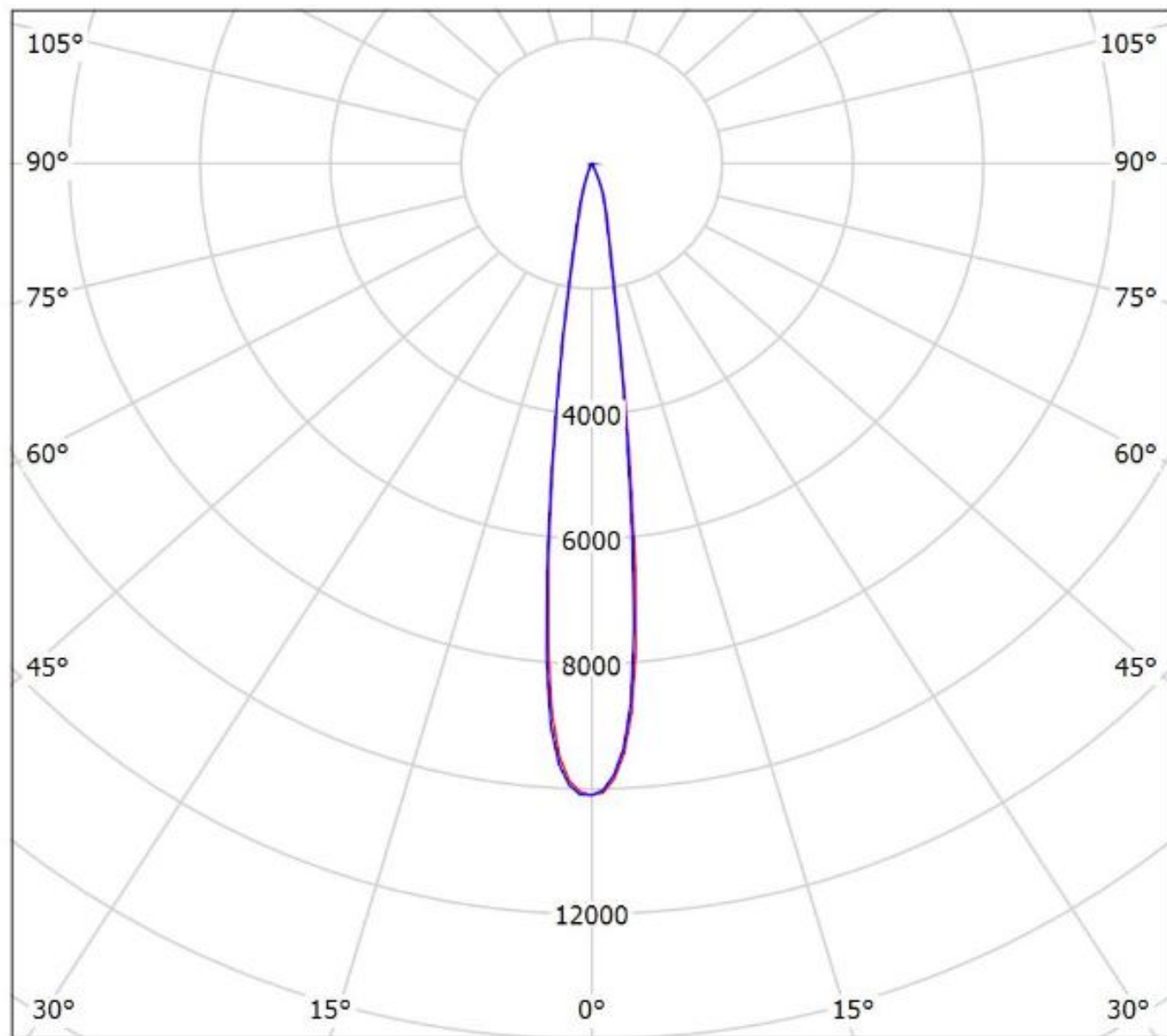


Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(H35C1)_SIMULATED
Lamps: 1 x LG H35C1



Luminaire: Ledil CS14895_HB-IP-2X6-RS_(XR-TX)

Lamps: 1 x Luxeon_XR-TX_1376.41lm@250mA_P=8.3920W_I=0.250A



cd/klm

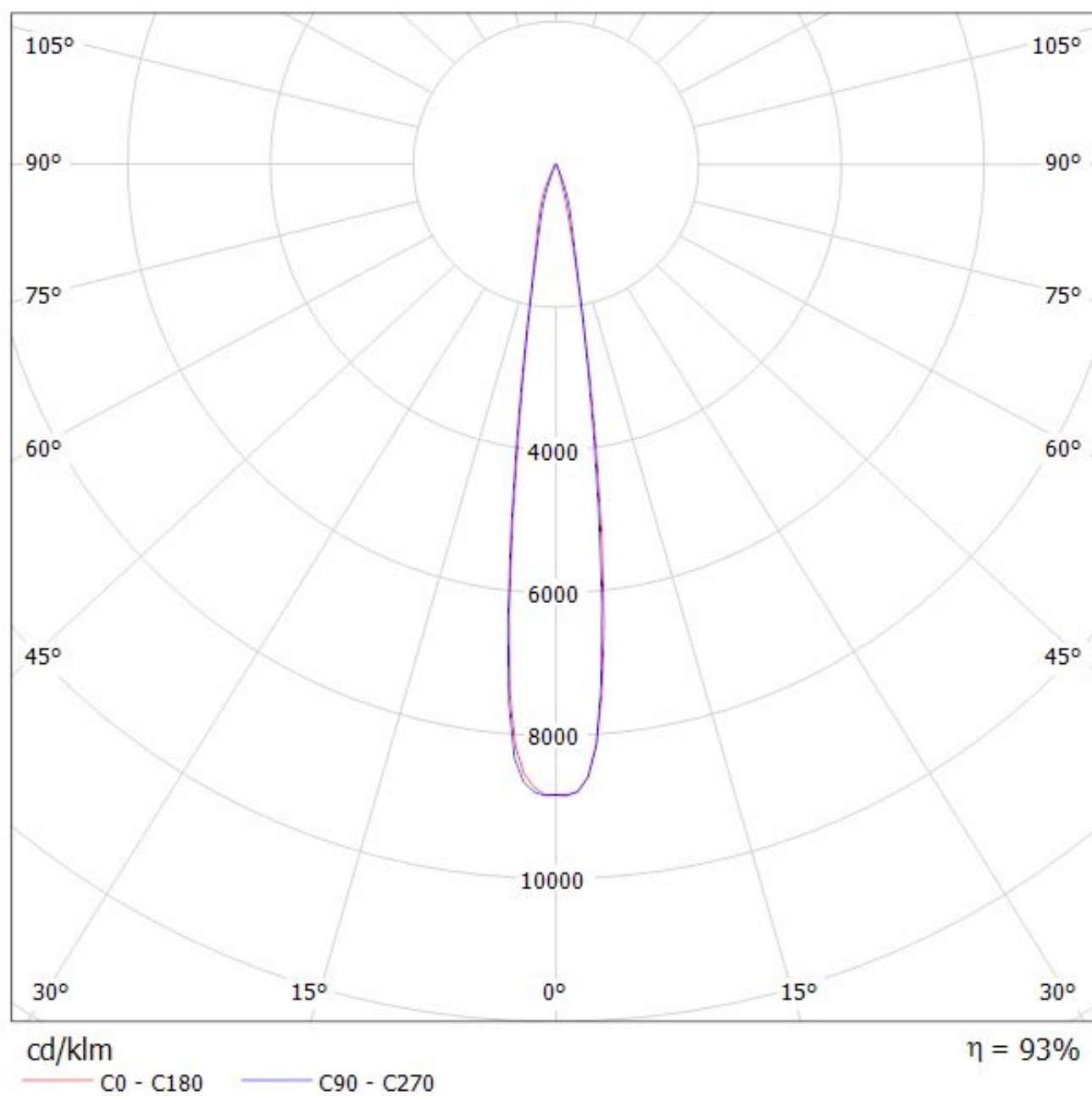
— C0 - C180

— C90 - C270

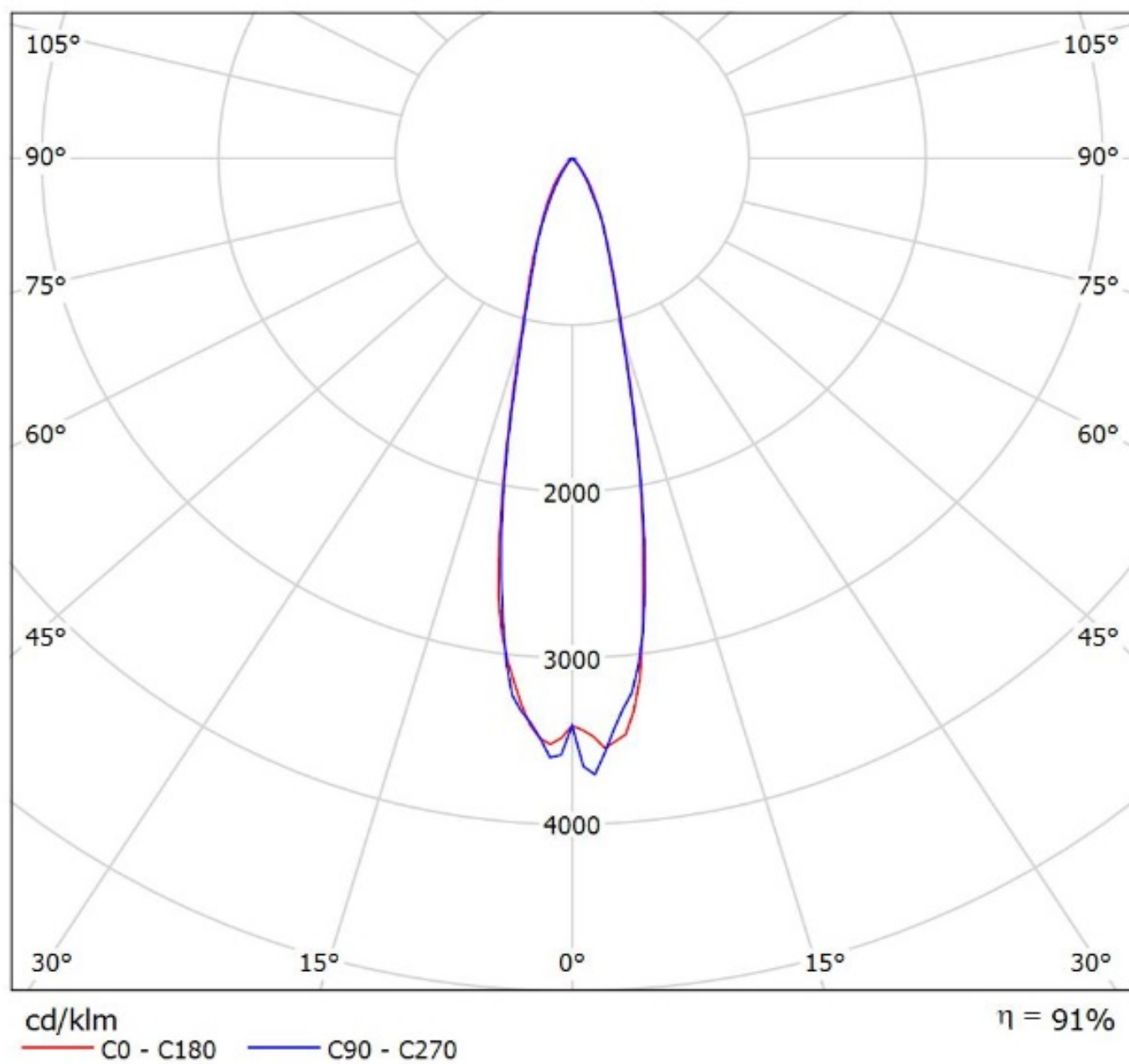
$\eta = 92\%$

Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(Luxeon_T)

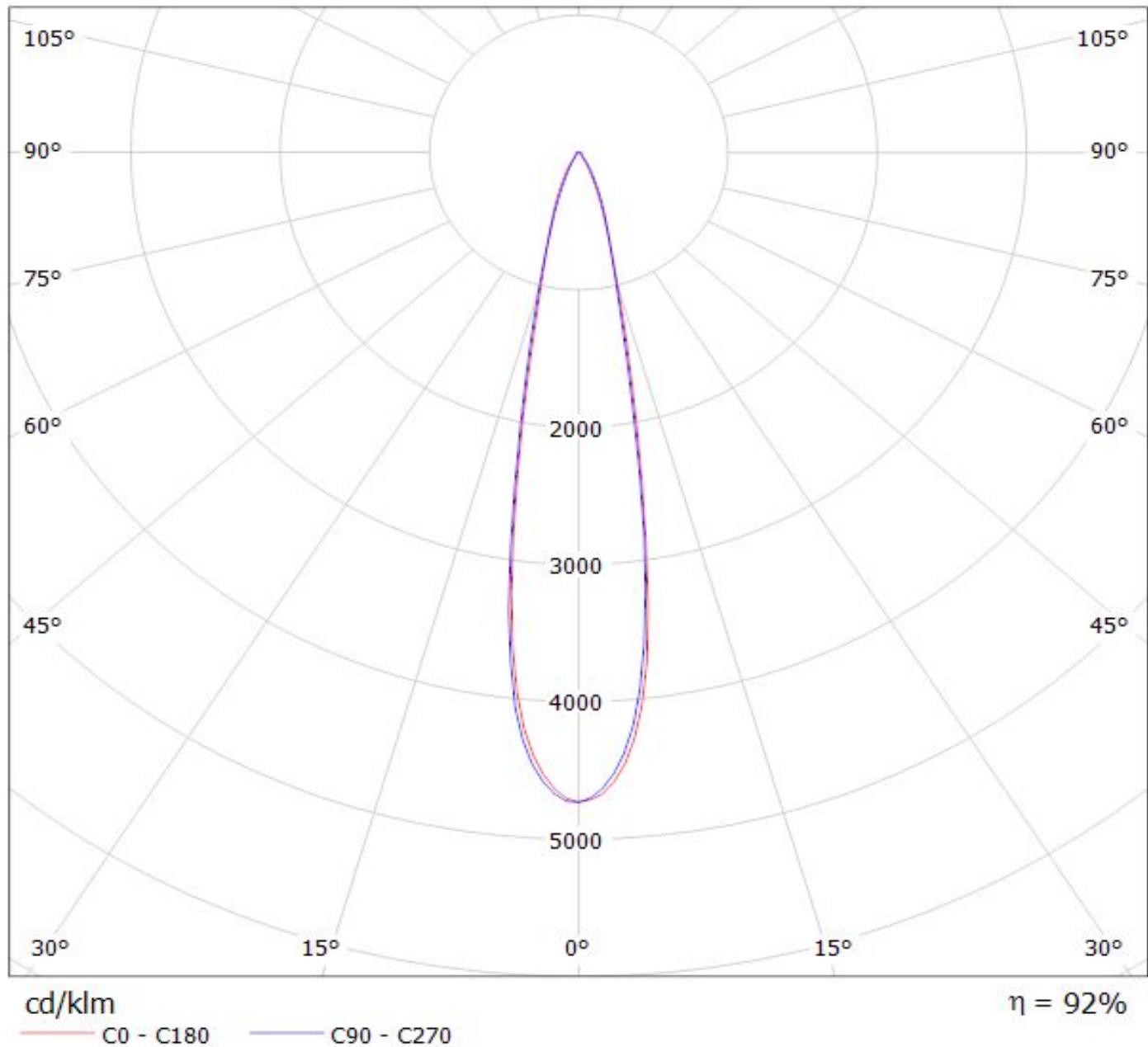
Lamps: 1 x Luxeon_T_(LXH8-FW30)_1040.41lm@250mA_P=8.49754W_I=0.250A



Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050

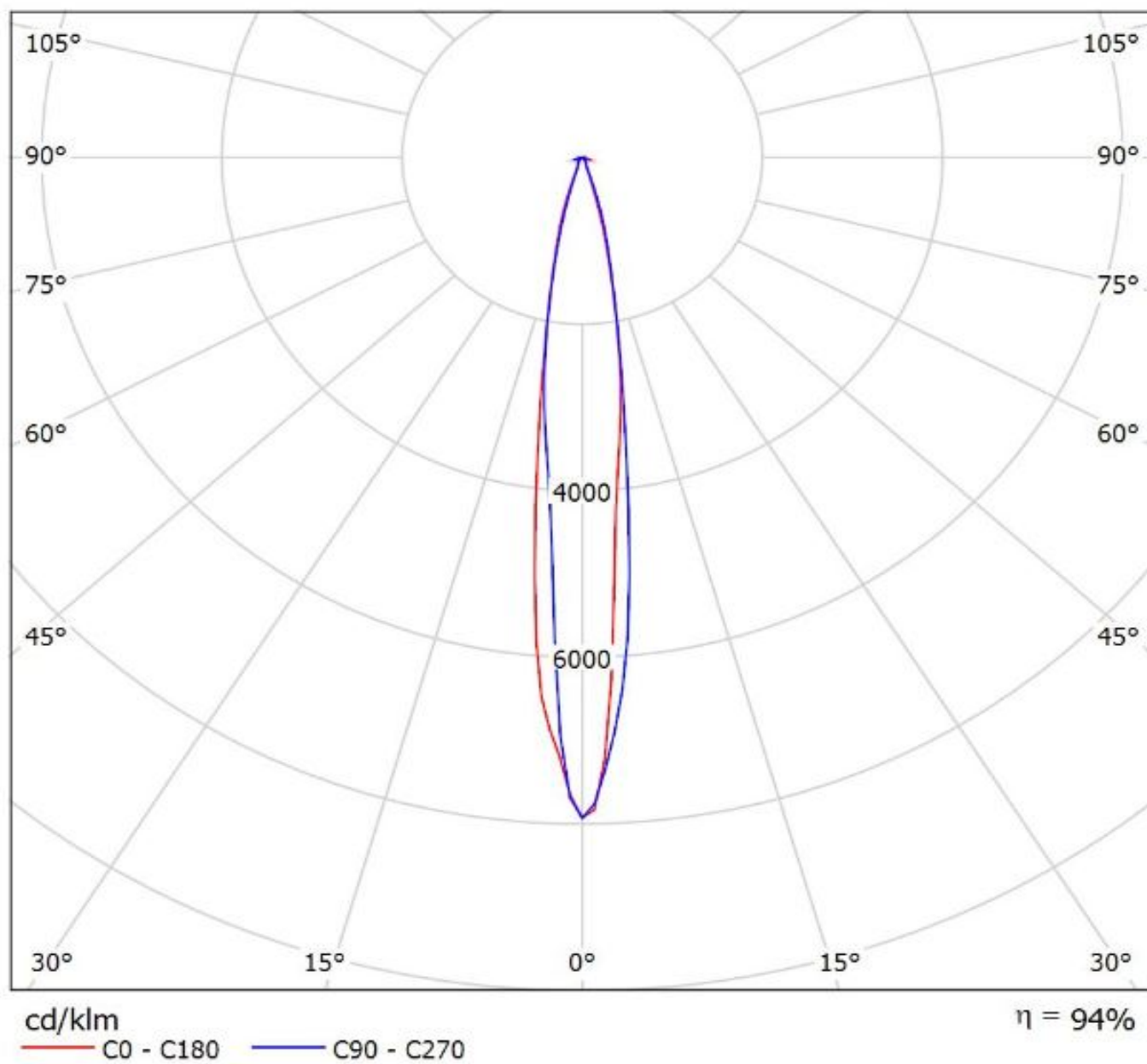


Luminaire: Ledil CS14895_HB-IP-2X6-RS_(Luxeon_V)
Lamps: 1 x Lumileds_Luxeon_V_1451.92lm@250mA_P=8.21196W_U=32.860V



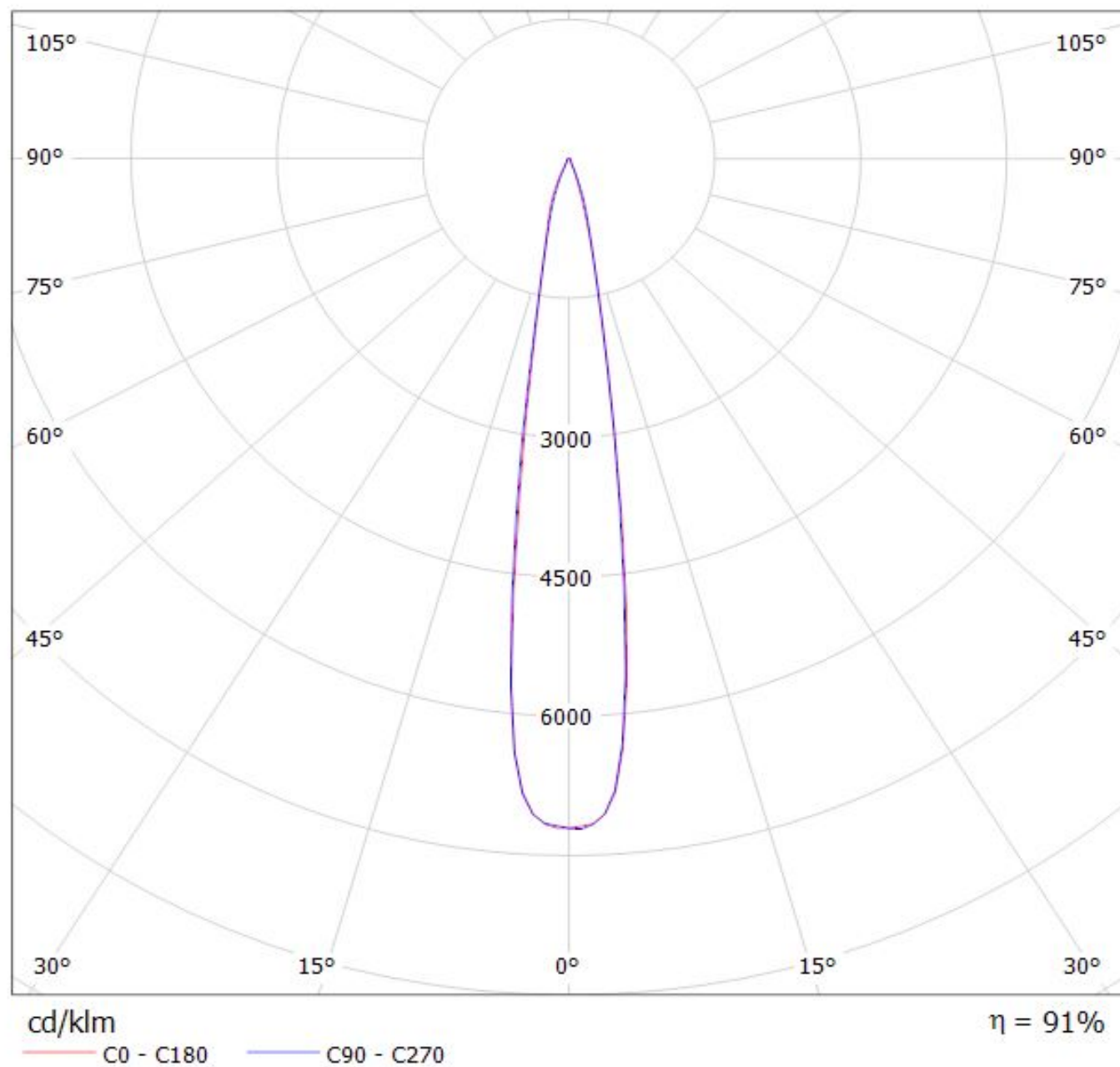
Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(Nichia_E21)

Lamps: 1 x Nichia_NVSWE21A_583.232lm@600mA_P=3.51742W_I=0.600A

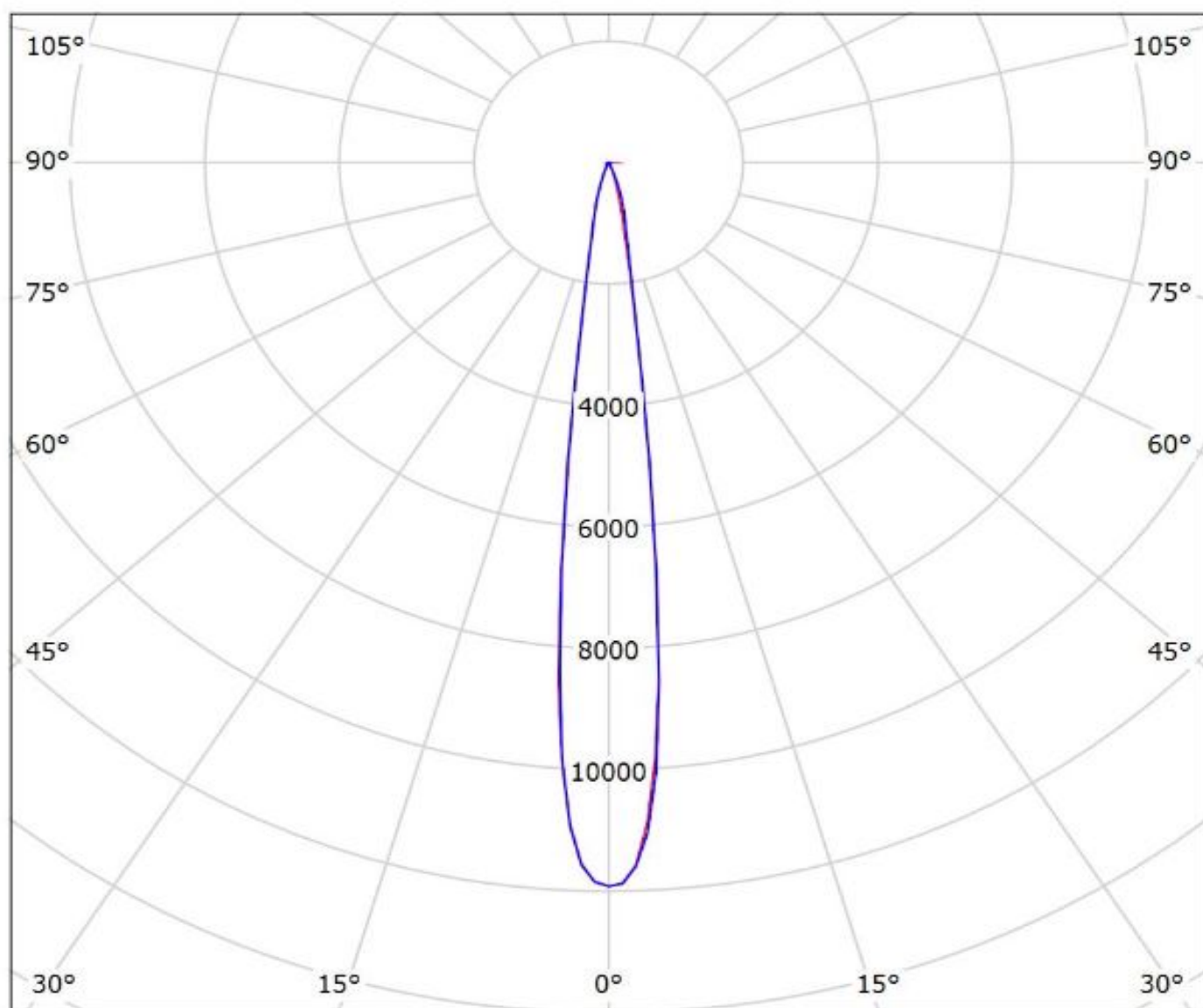


Luminaire: Ledil CS14895_HB-IP-2X6-RS_(NVSL219CT)

Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A



Luminaire: Ledil CS14895_HB-IP-2X6-RS_(SQ-Gen3)
Lamps: 1 x Osram_Oslon_SQ-Gen3_(GW_CSSRM2_PM-MUNQ-A737-1)
_1306.6lm@250mA_P=8.24945W_U=33.010V



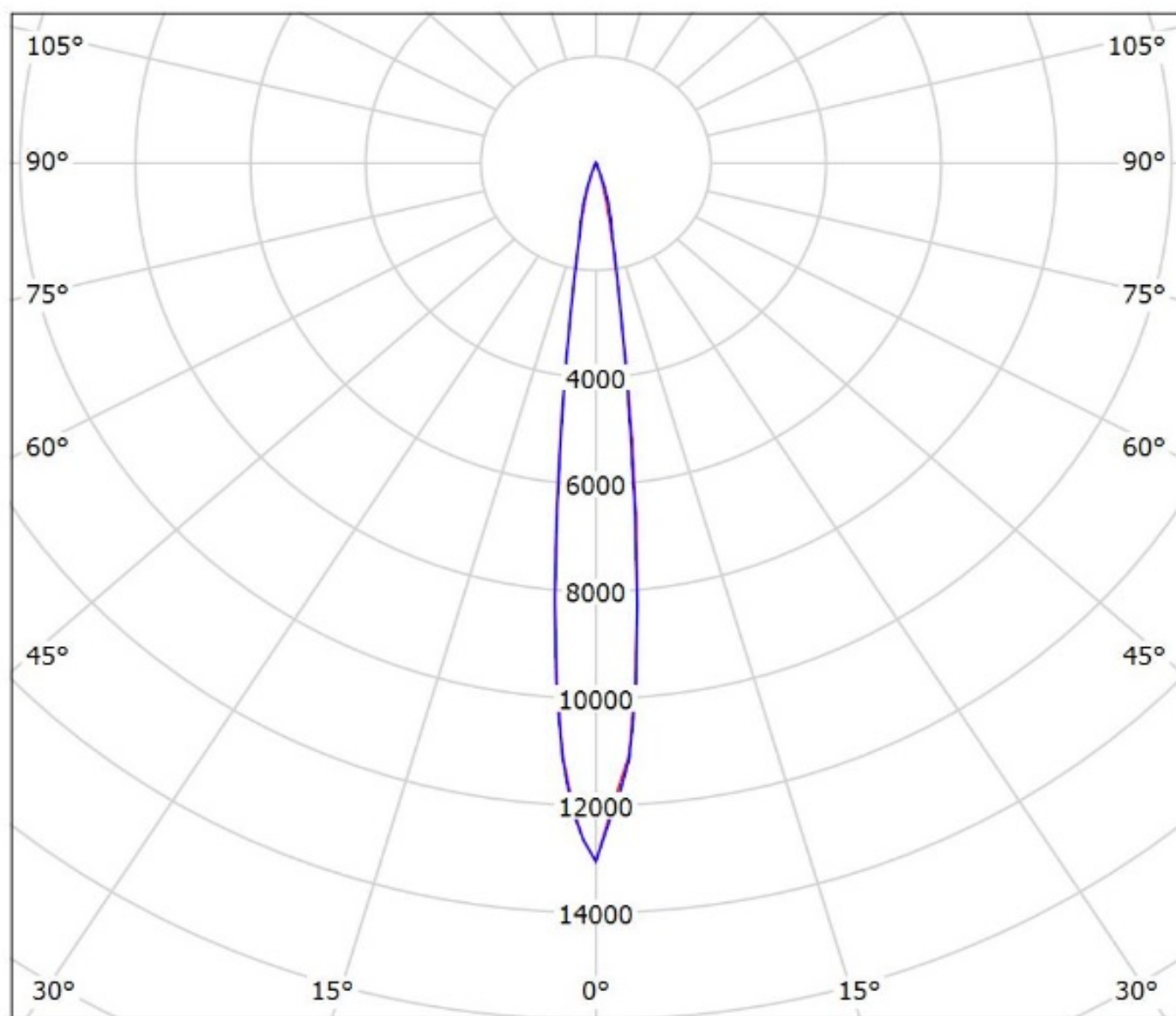
cd/klm

— C0 - C180

— C90 - C270

η = 95%

Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(Duris_P8)_SIMULATED
Lamps: 1 x OSram Duris P8



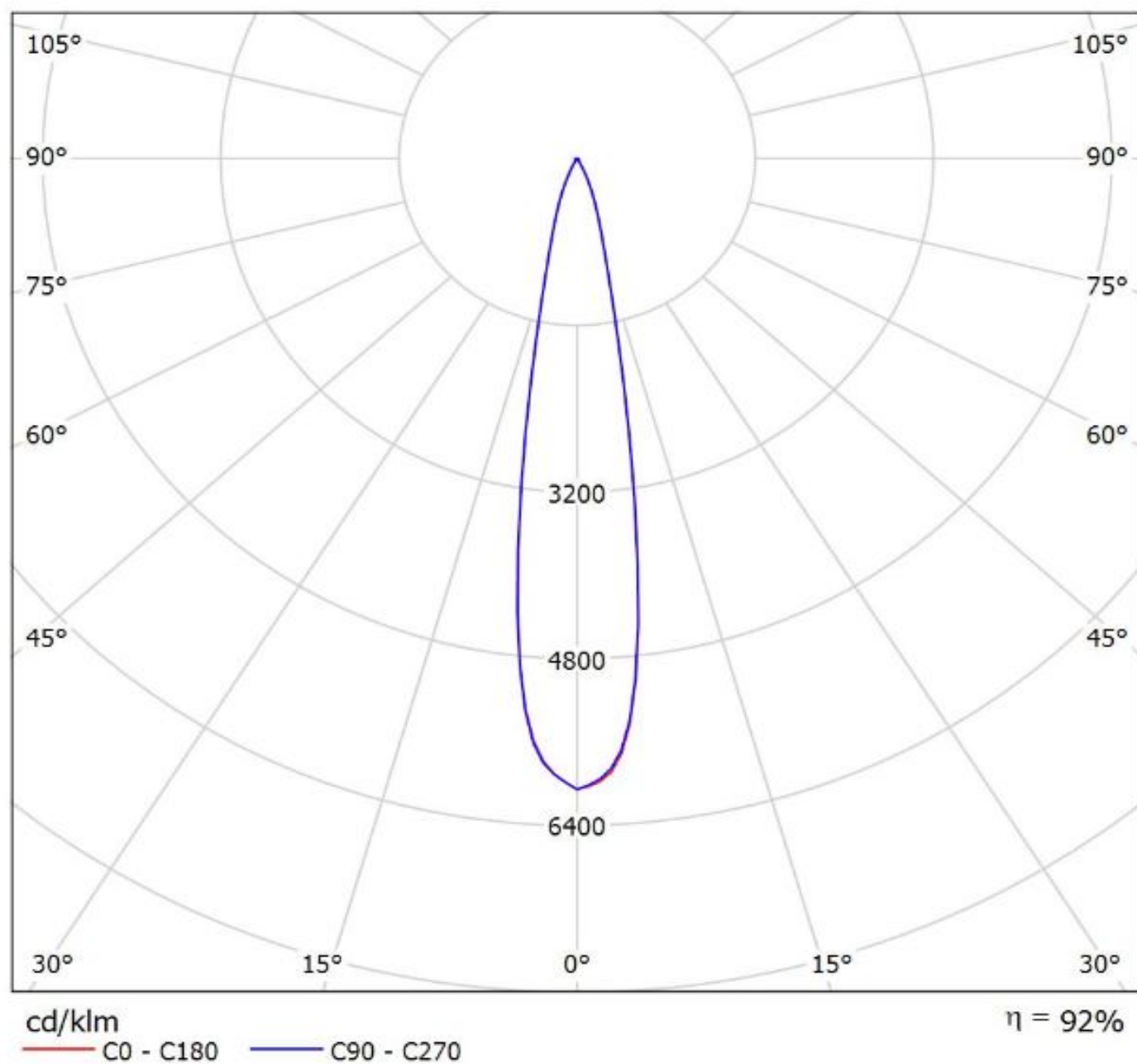
cd/klm

— C0 - C180

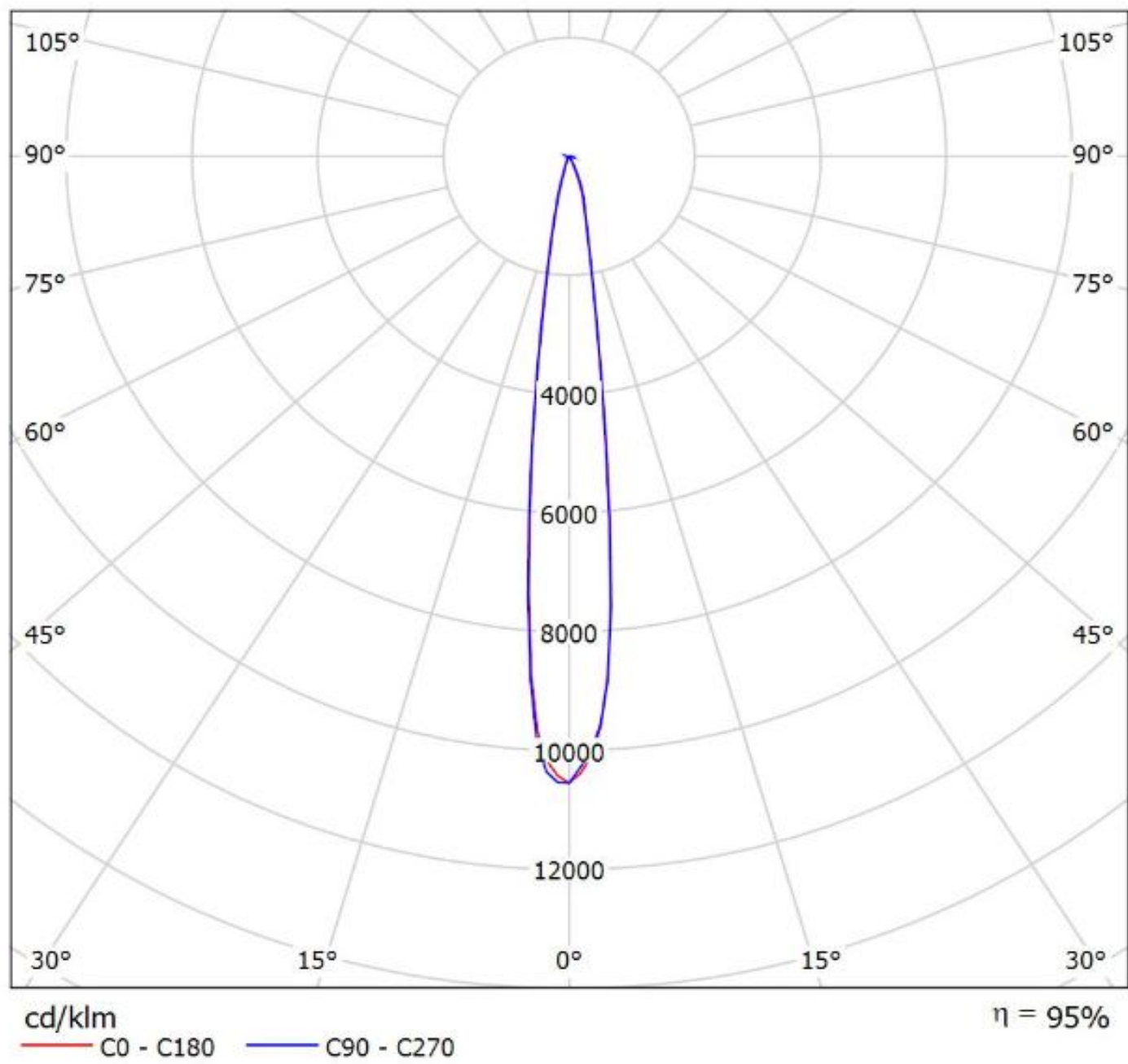
— C90 - C270

$\eta = 89\%$

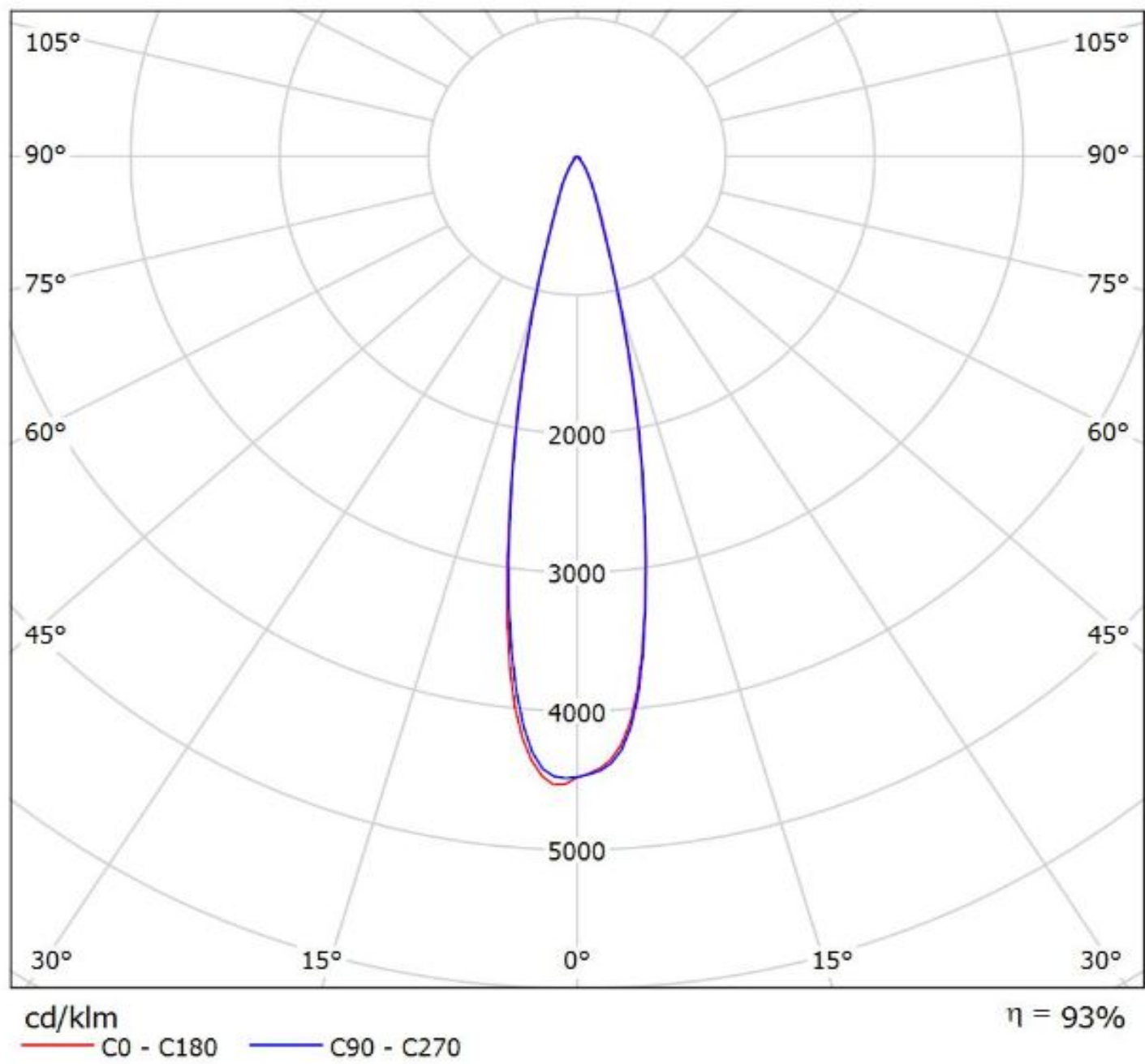
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9



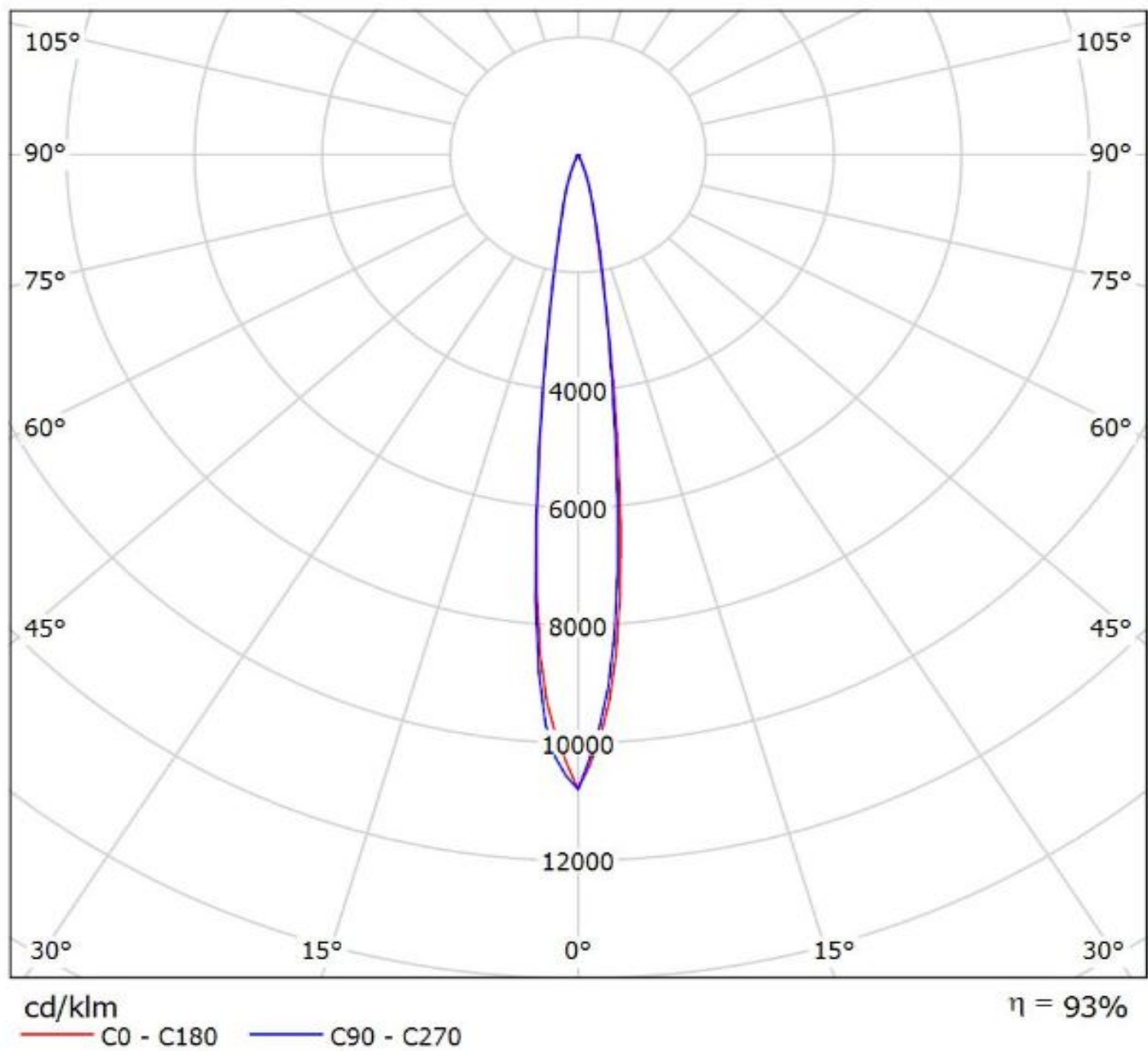
Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



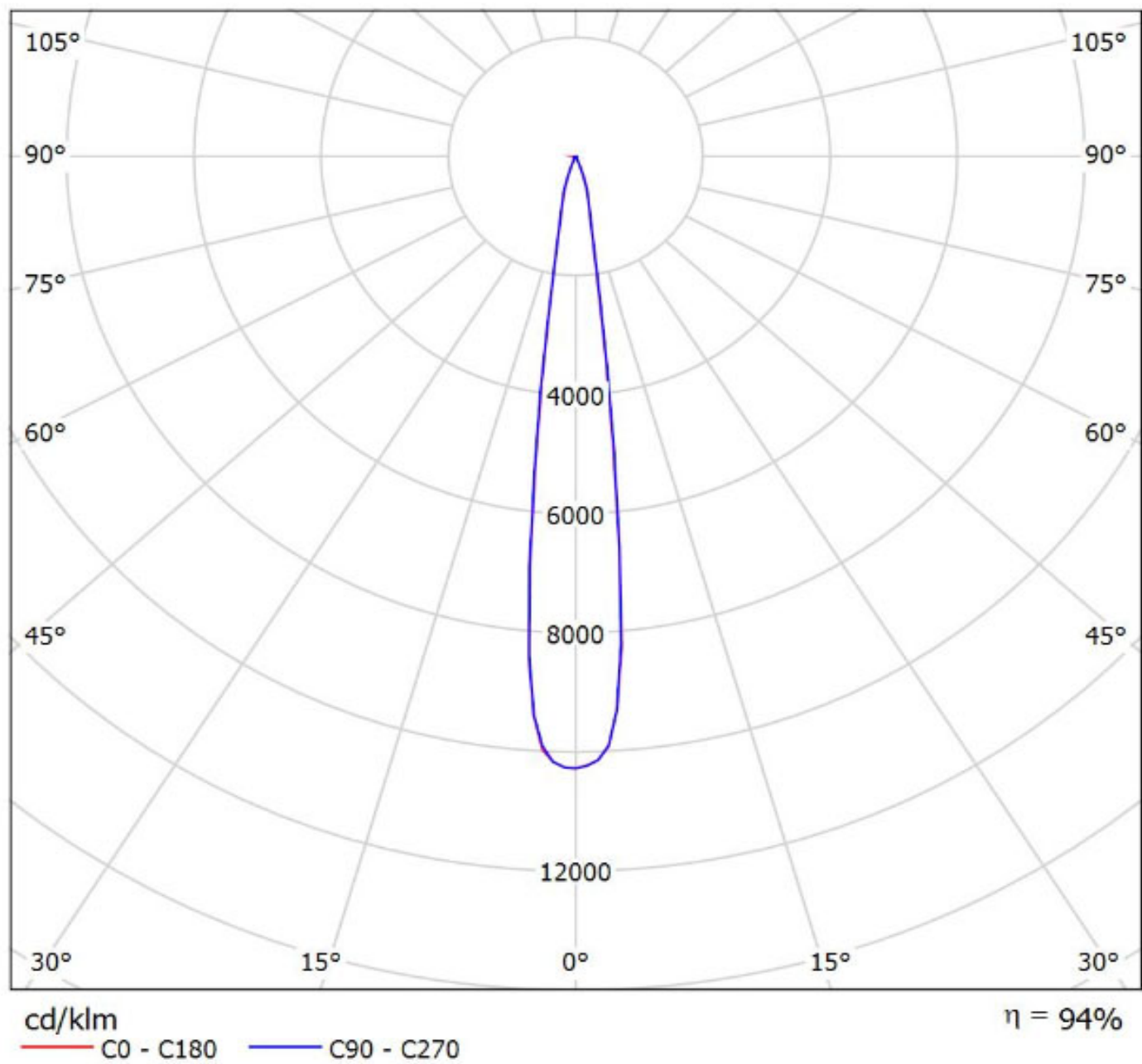
Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(LH351D)_SIMULATED
Lamps: 1 x Samsung LH351D



Luminaire: Ledil Oy CS14895_HB-IP-2X6-RS_(Samsung_LH181B)_SIMULATED
Lamps: 1 x Samsung_LH181B

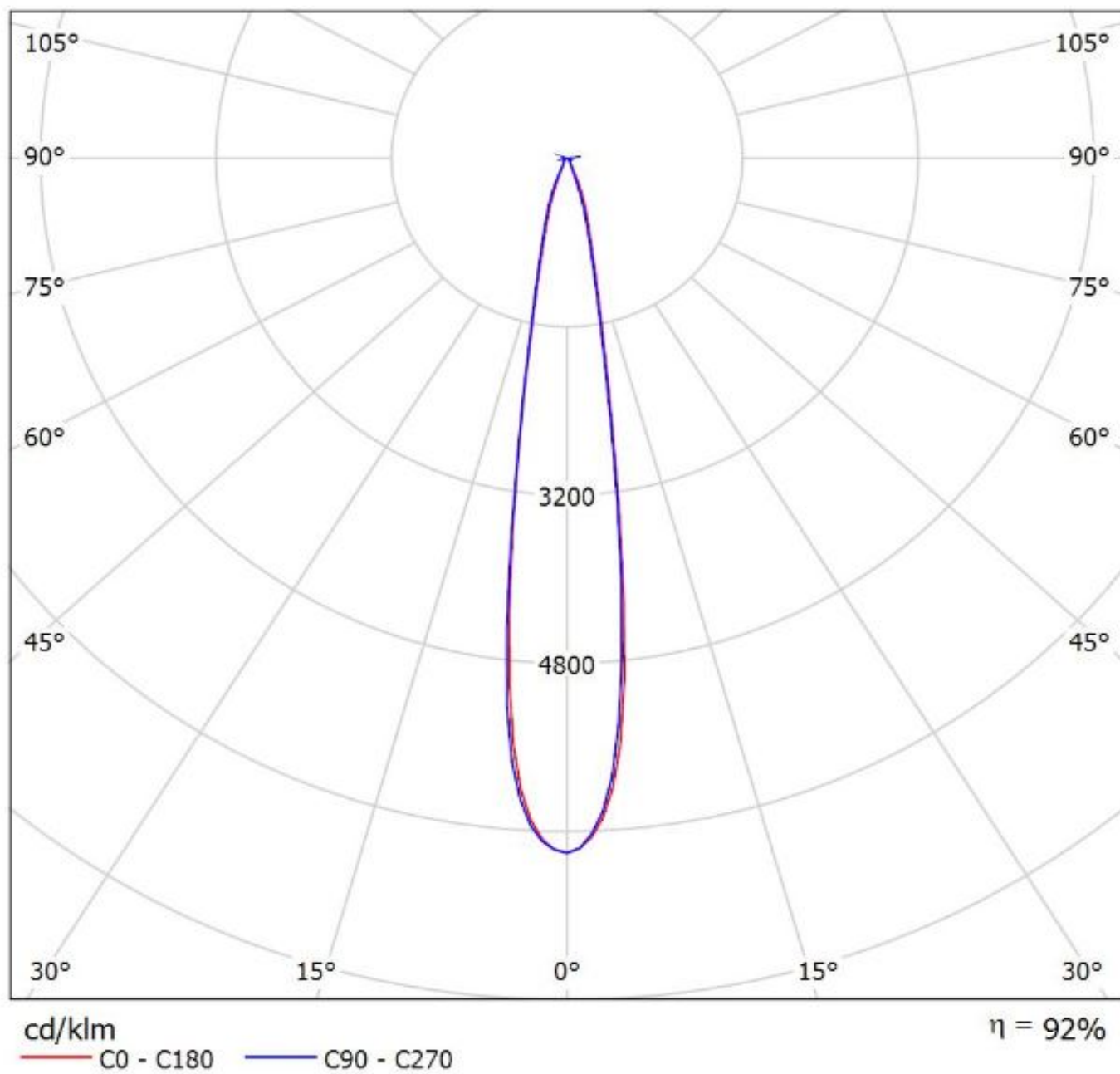


Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(Z5M2)
Lamps: 1 x Seoul_Z5M2_2x6_(SZ5-M2-W0-00)_1510.16lm@250mA_P=8.57039W_I=0.25A

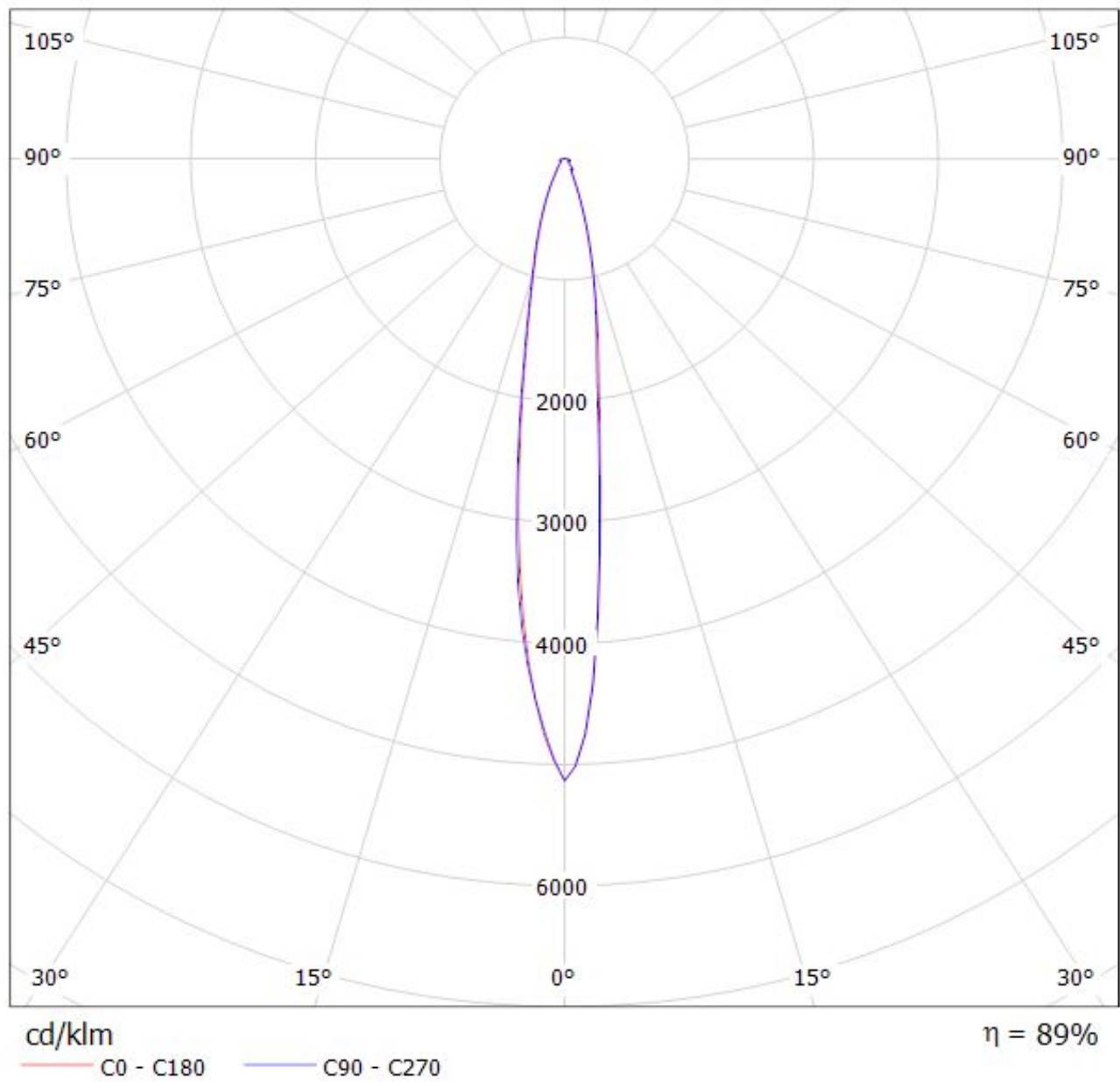


Luminaire: Ledil CS14895_HB-IP-2X6-RS_(Z8Y22_PLUS)

Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A

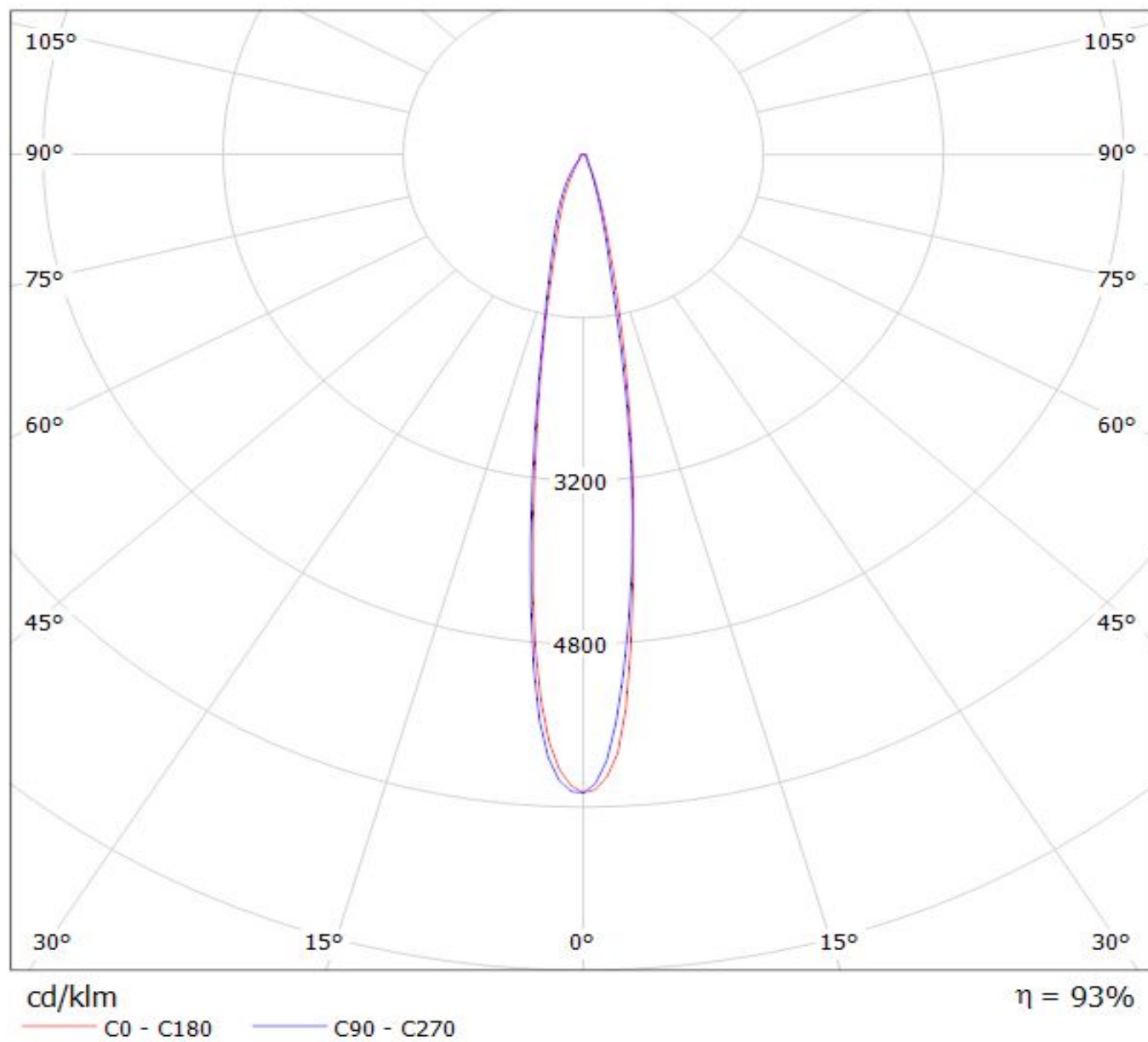


Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(SMJQ-D36W12Mx)
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_I=0.25A



Luminaire: LEDiL Oy CS14895_HB-IP-2X6-RS_(SMJQ-D36W12Px)

Lamps: 1 x Seoul_SMJQ-D36W12Px_1404.92lm@250mA_P=8.22866W_I=0.25A



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.