

DETAILS

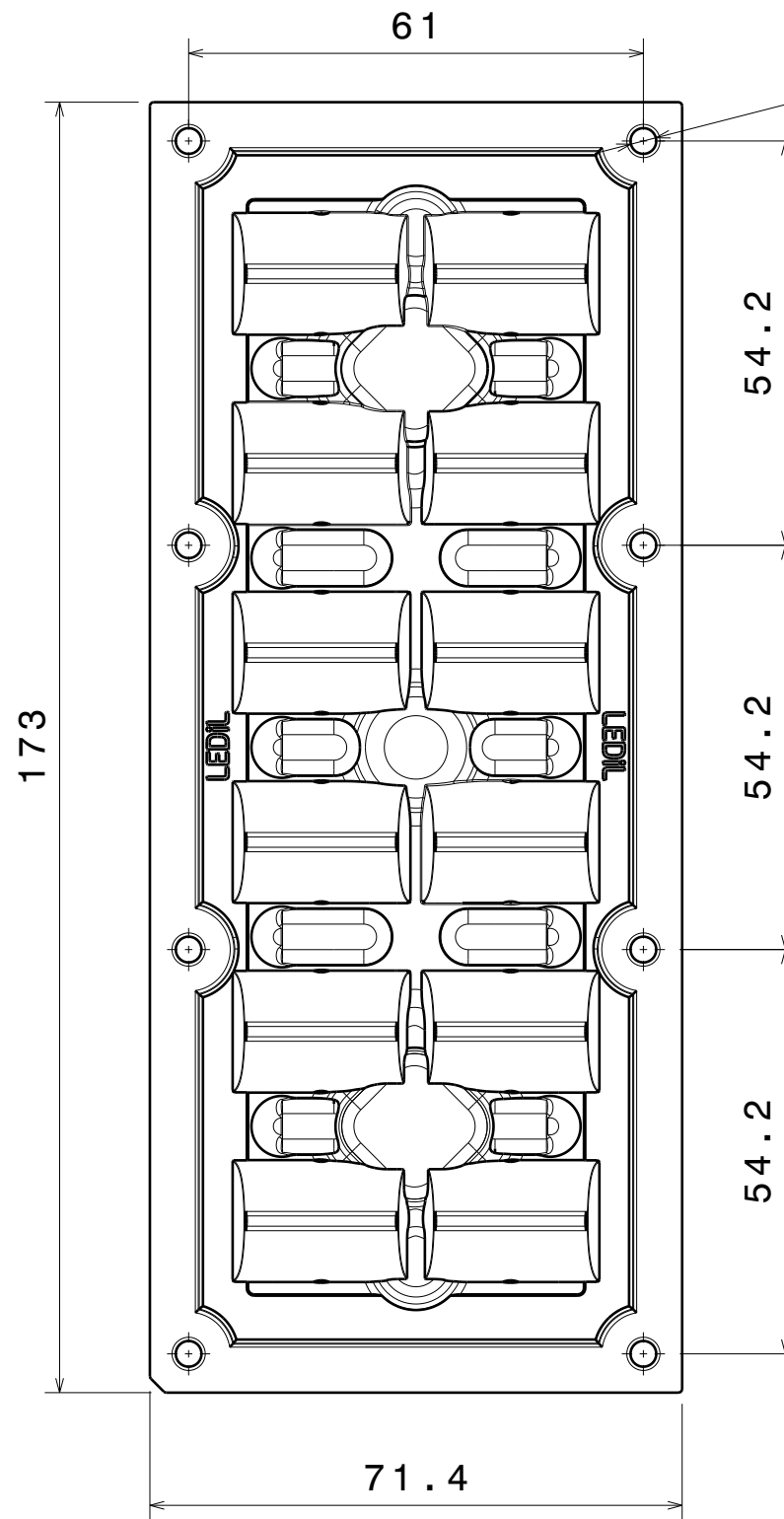
Product Number	CS14597_HB-IP-2X6-O
Family	High Bay
Type	Lens array
Color	clear
Diameter	173x71,4 mm
Height	12,2 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	
Status	ready
ROHS Compliant	Yes
Date Updated	25/09/2015



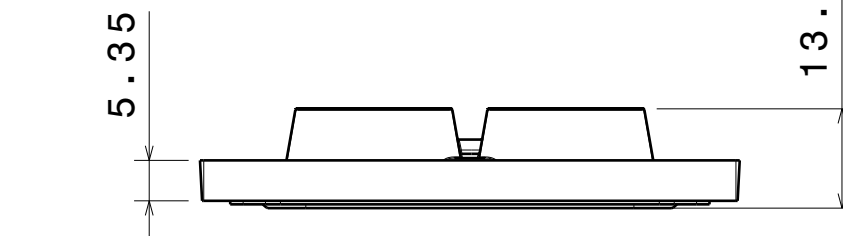
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
Duris S8	sim: 24+96	Asymmetric	sim: 93 %	sim: 1.010	-
Oslon Square Gen3	sim: 23+92	Asymmetric	sim: 93 %	sim: 1.360	-
LUXEON Z ES	25+108 deg	Asymmetric	90 %	0.790	-
LUXEON Rebel	28+107 deg	Asymmetric	91 %	0.730	-
LH351Z	29+104 deg	Asymmetric	91 %	0.770	-
Z5M1/Z5M2	29+105 deg	Asymmetric	90 %	0.730	-
TL1L4	29+107 deg	Asymmetric	87 %	0.690	-
Oslon Square PC	30+111 deg	Asymmetric	92 %	0.690	-
Oslon Square EC	30+108 deg	Asymmetric	91 %	0.720	-
LUXEON R	30+109 deg	Asymmetric	91 %	0.680	-
LUXEON Rebel ES	30+110 deg	Asymmetric	91 %	0.690	-
LUXEON TX	30+111 deg	Asymmetric	90 %	0.690	-
XP-G	31+117 deg	Asymmetric	91 %	0.650	-
XT-E	31+119 deg	Asymmetric	92 %	0.630	-
NVSxx19B/NVSxx19C	31+116 deg	Asymmetric	90 %	0.630	-
LUXEON T	32+115 deg	Asymmetric	91 %	0.630	-
XP-G2	32+116 deg	Asymmetric	92 %	0.660	-
XM-L	36+110 deg	Asymmetric	91 %	0.610	-
XM-L2	36+108 deg	Asymmetric	91 %	0.630	-
XP-L	36+115 deg	Asymmetric	91 %	0.600	-

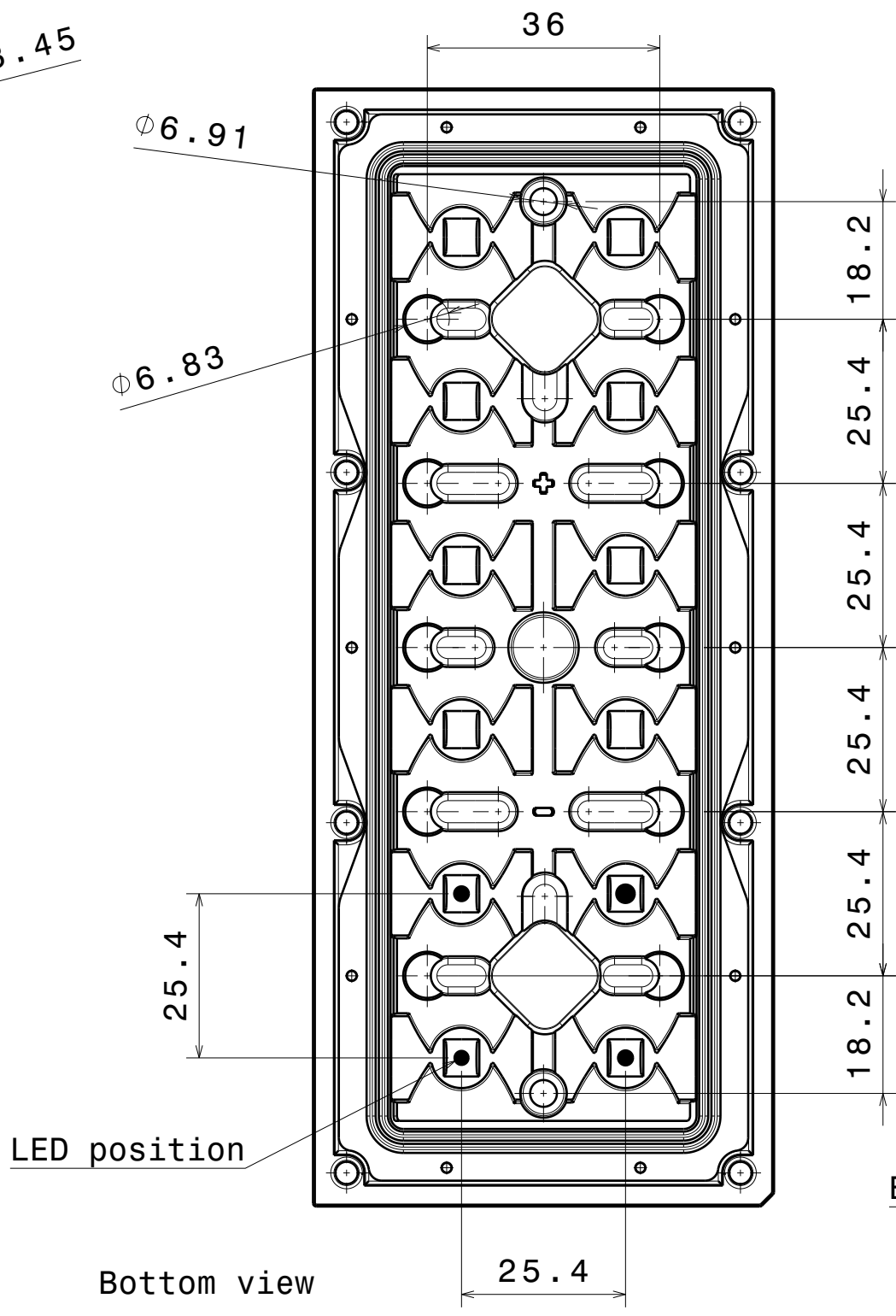
H G F E D C B A



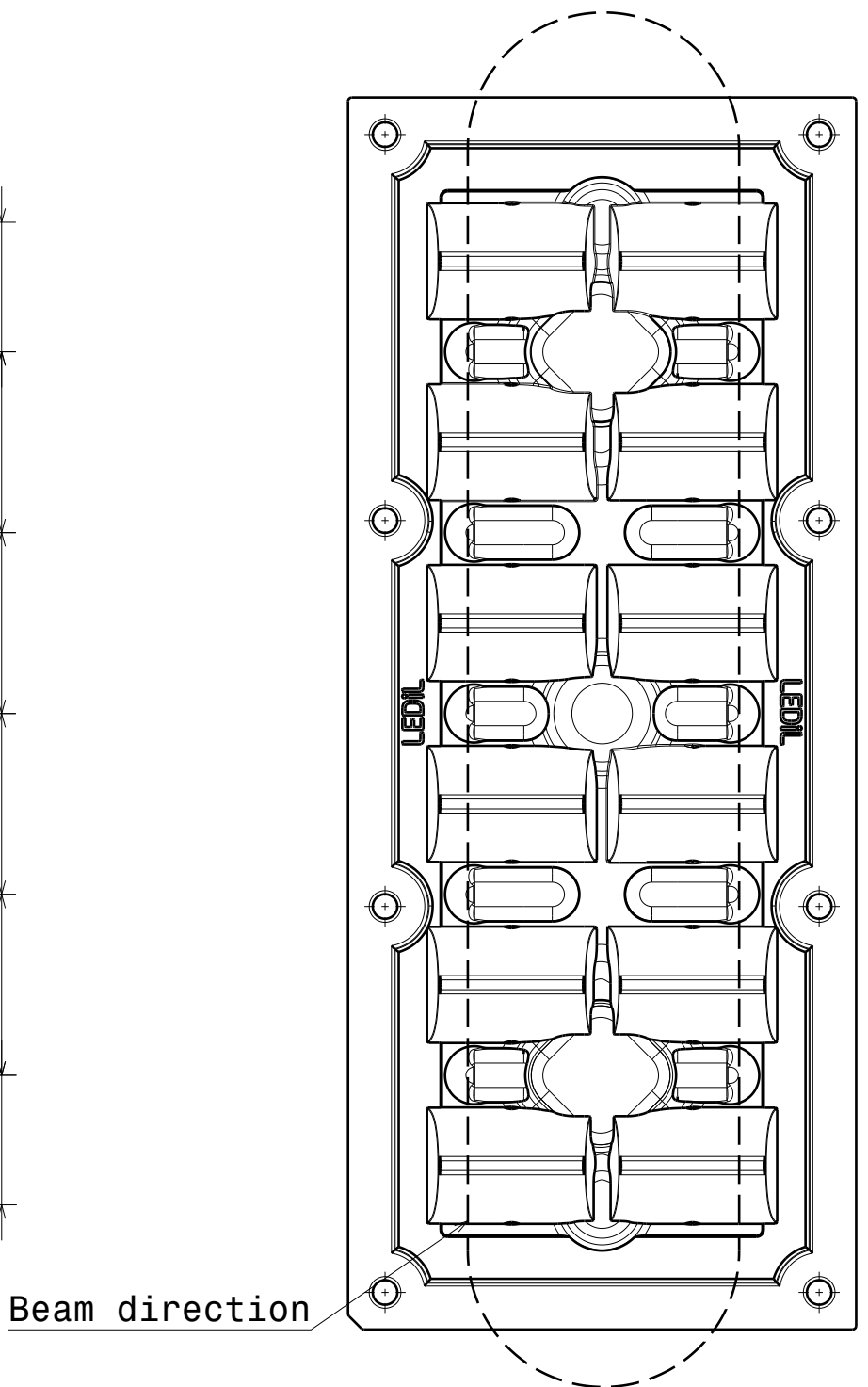
Top view



Front view



Bottom view



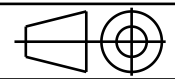
Beam direction

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14018	2X6-SEAL25	Silicone	white
2	C14562	HB-IP-2X6-0	PMMA	clear

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures: class M
 According to DIN ISO 2768-2
 Form and position: class L

LEDiL Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:



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DRAWING TITLE
CS14597_HB-IP-2X6-0

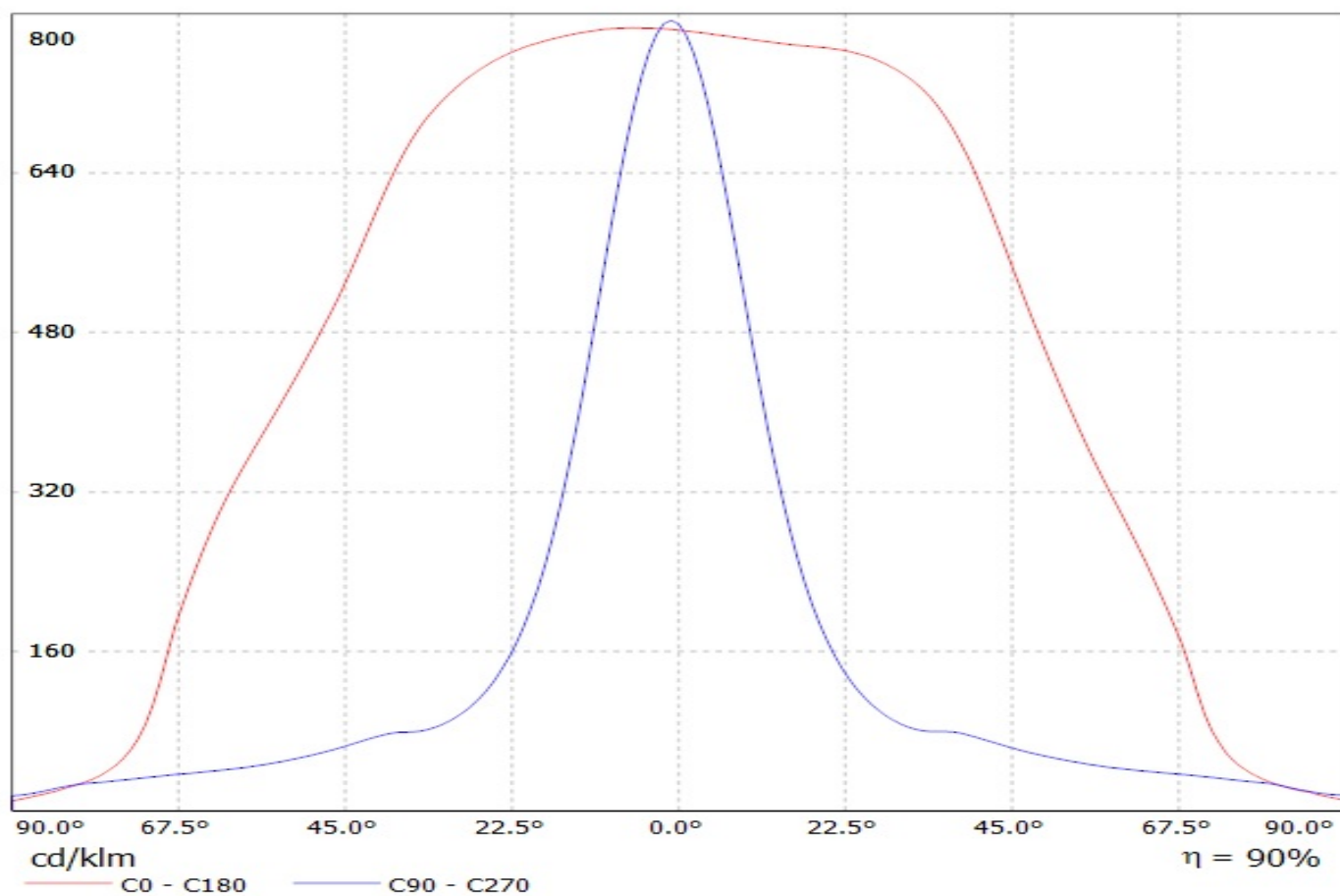
SIZE	PART NUMBER
A3	CS14597

SCALE	1:1	WEIGHT	63,05 g	SHEET	1/1
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H G B A

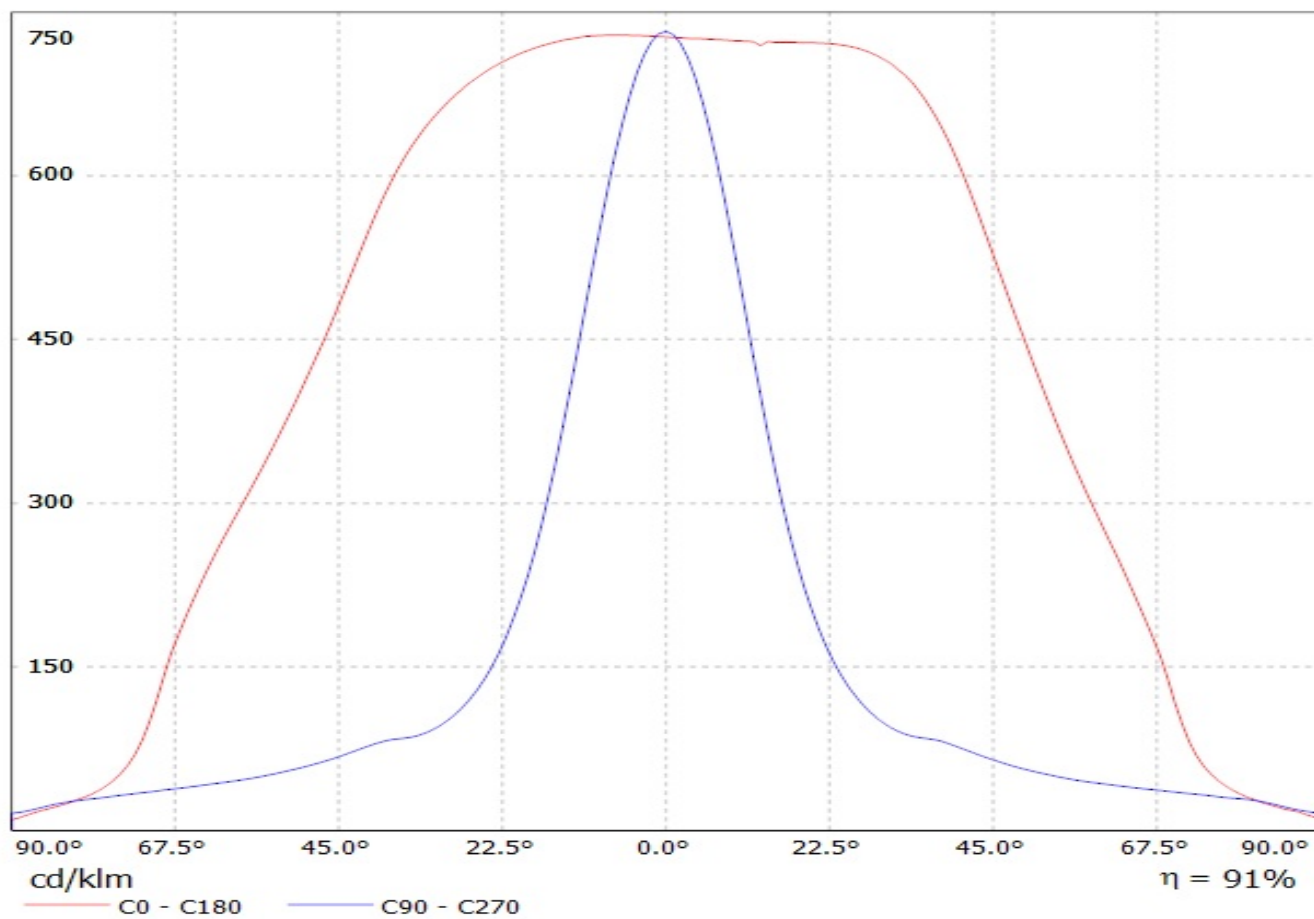
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_Z_ES)

Lamps: 1 x Philips_Lumileds_Luxeon_Z_ES_2x6_977.042lm@250mA_P=8.33092W_I=0.2499A

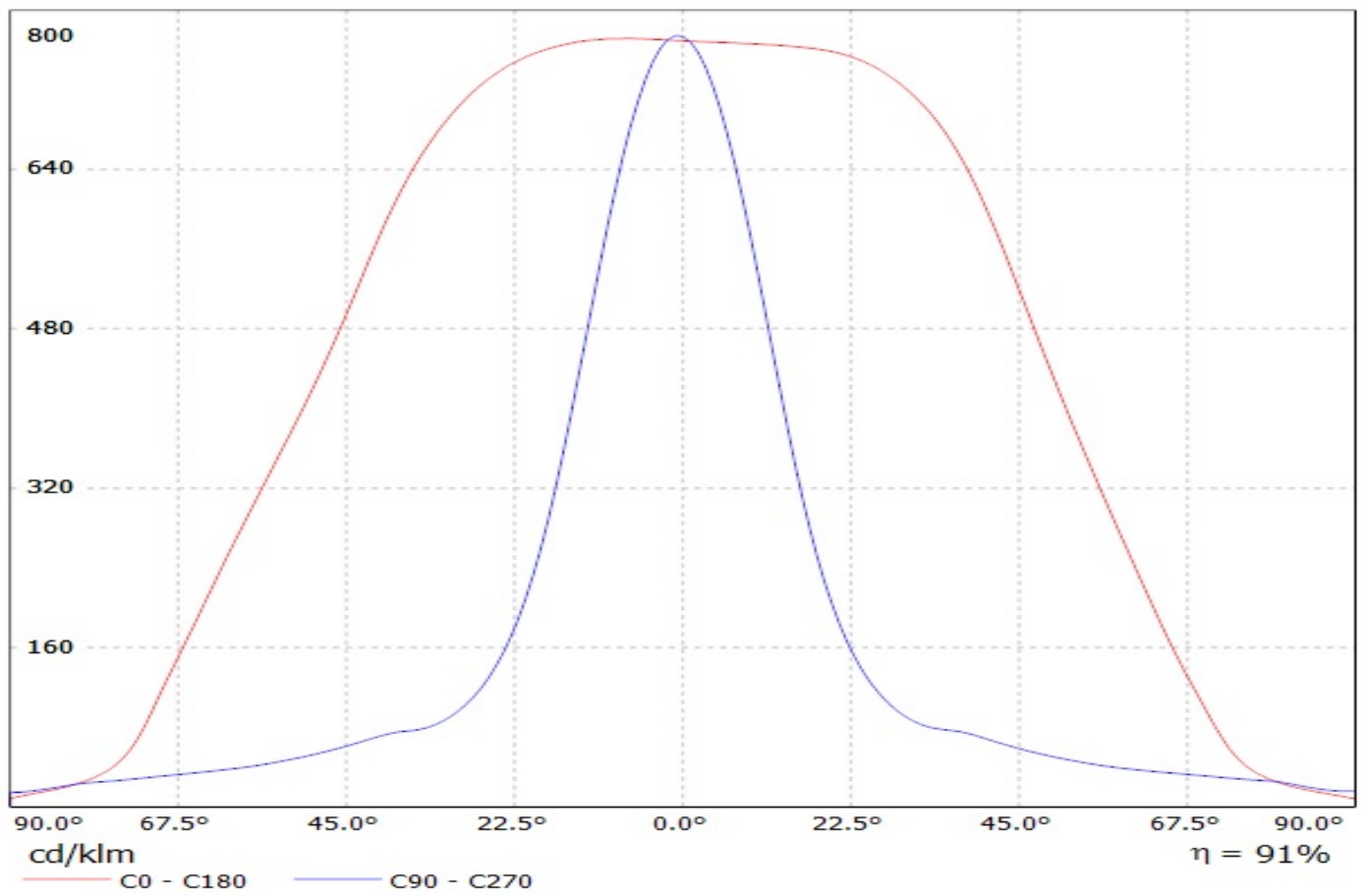


Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_Rebel)

Lamps: 1 x Philips_Lumileds_Luxeon_Rebel_2x6_(LXM8-PW30)_745.574lm@250mA_P=8.36755W_I=0.2498A

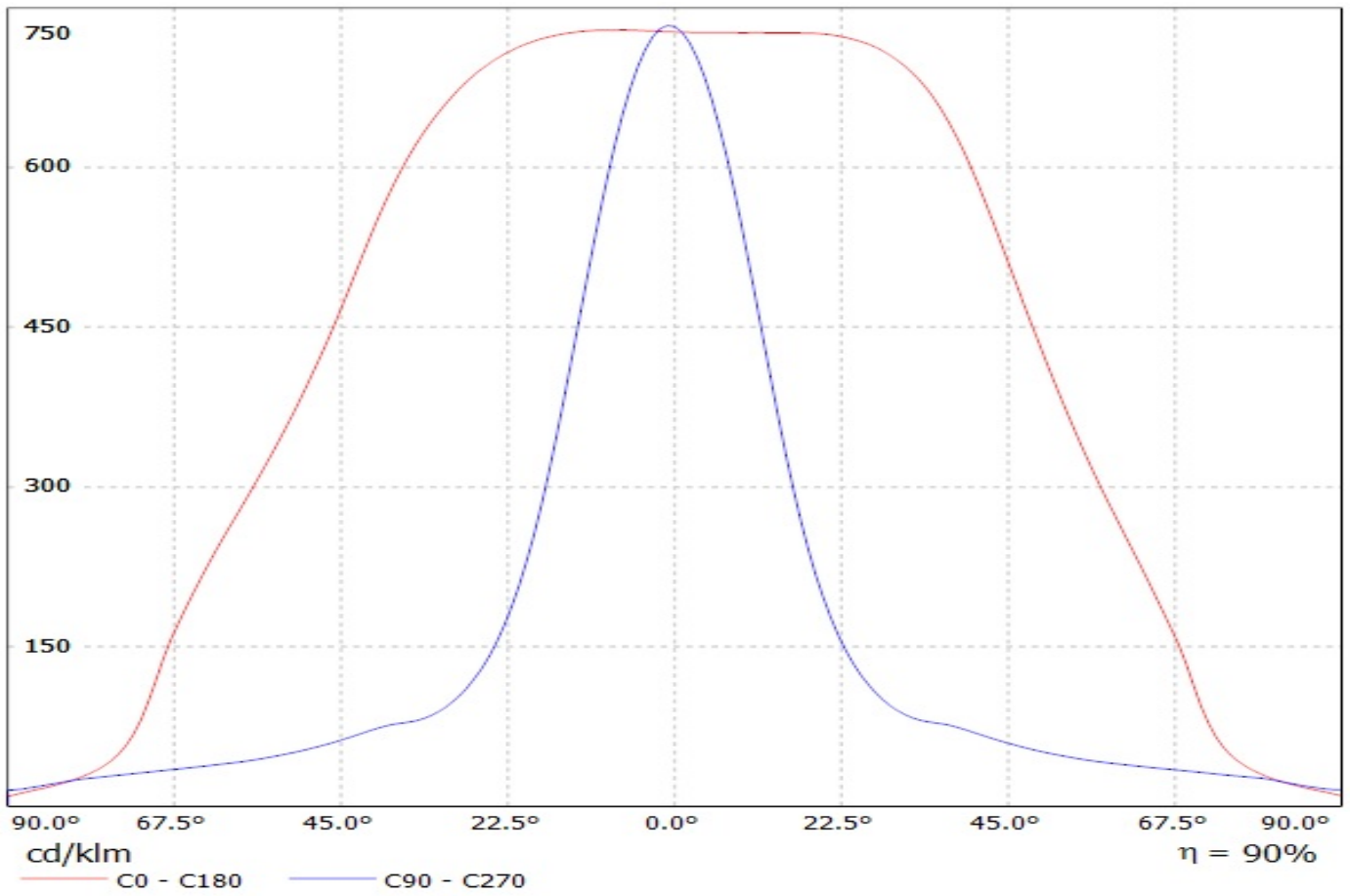


Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(LH351Z)
Lamps: 1 x Samsung_LH351Z_(2X6)_951.129lm@250mA_P=8.7495W_I=0.2499A



Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Z5M1)

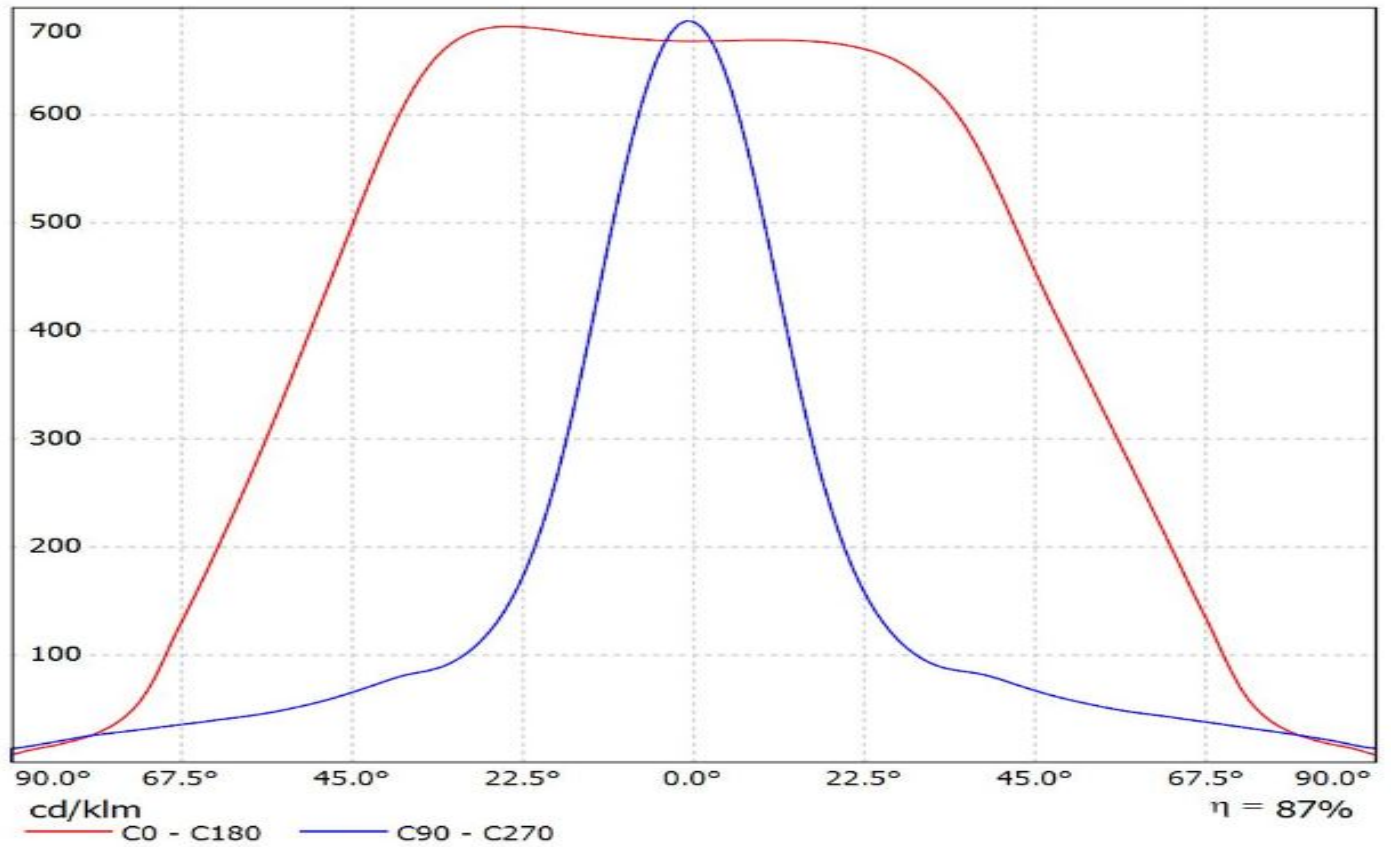
Lamps: 1 x Seoul_Z5M1_(2x6)_(SZ5-M1-WW-C8)_1165.11lm@250mA_P=8.58881W_I=0.2499A



Ledil CS14597_HB-IP-2X6-O_(TL1L4) / LDC (Linear)

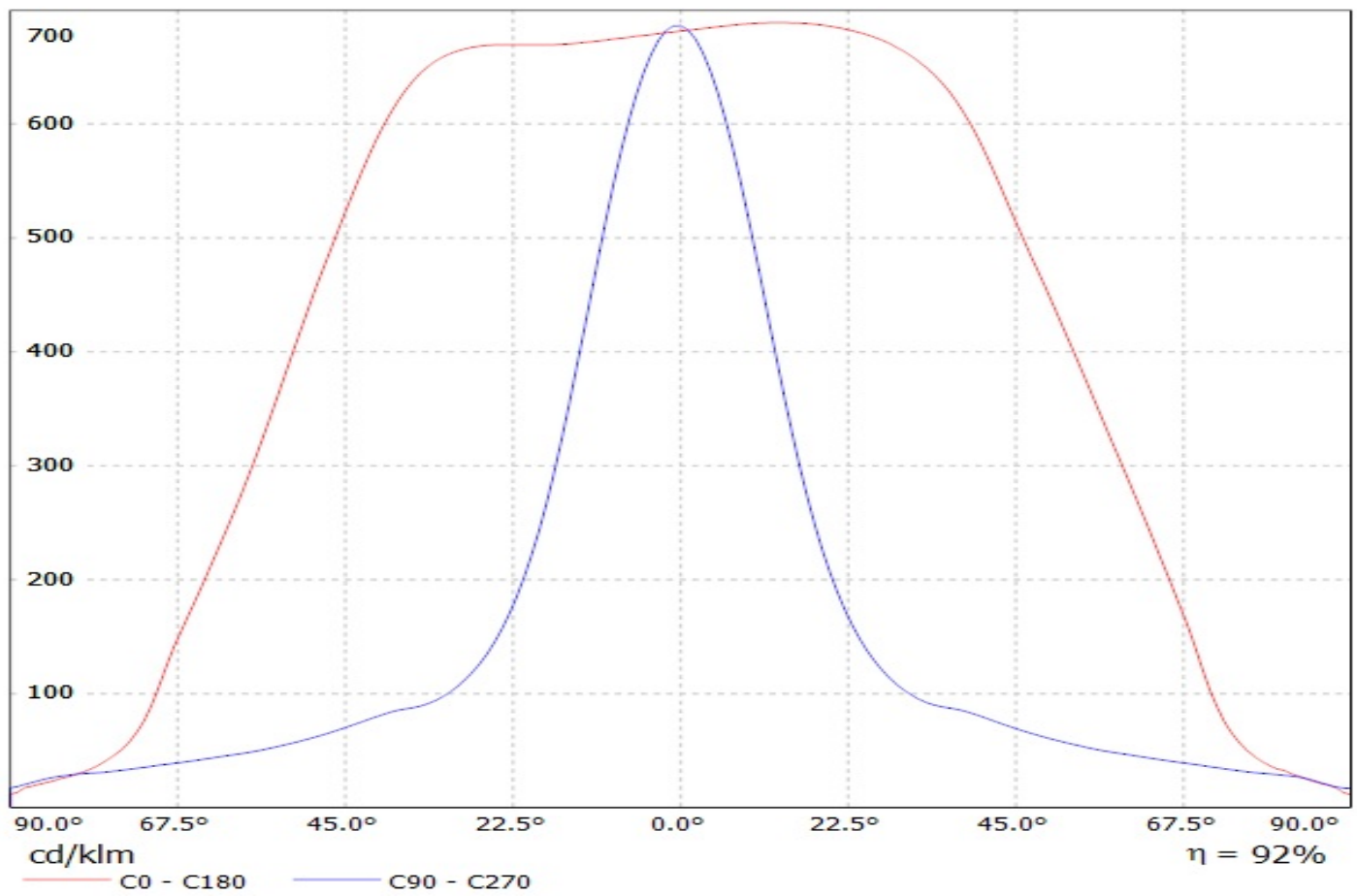
Luminaire: Ledil CS14597_HB-IP-2X6-O_(TL1L4)

Lamps: 1 x Toshiba_TL1L4_2x6_(TL1L4-DW0)_1346.96lm@250mA_CCT=6500K_P=8.5W_I=0.25A



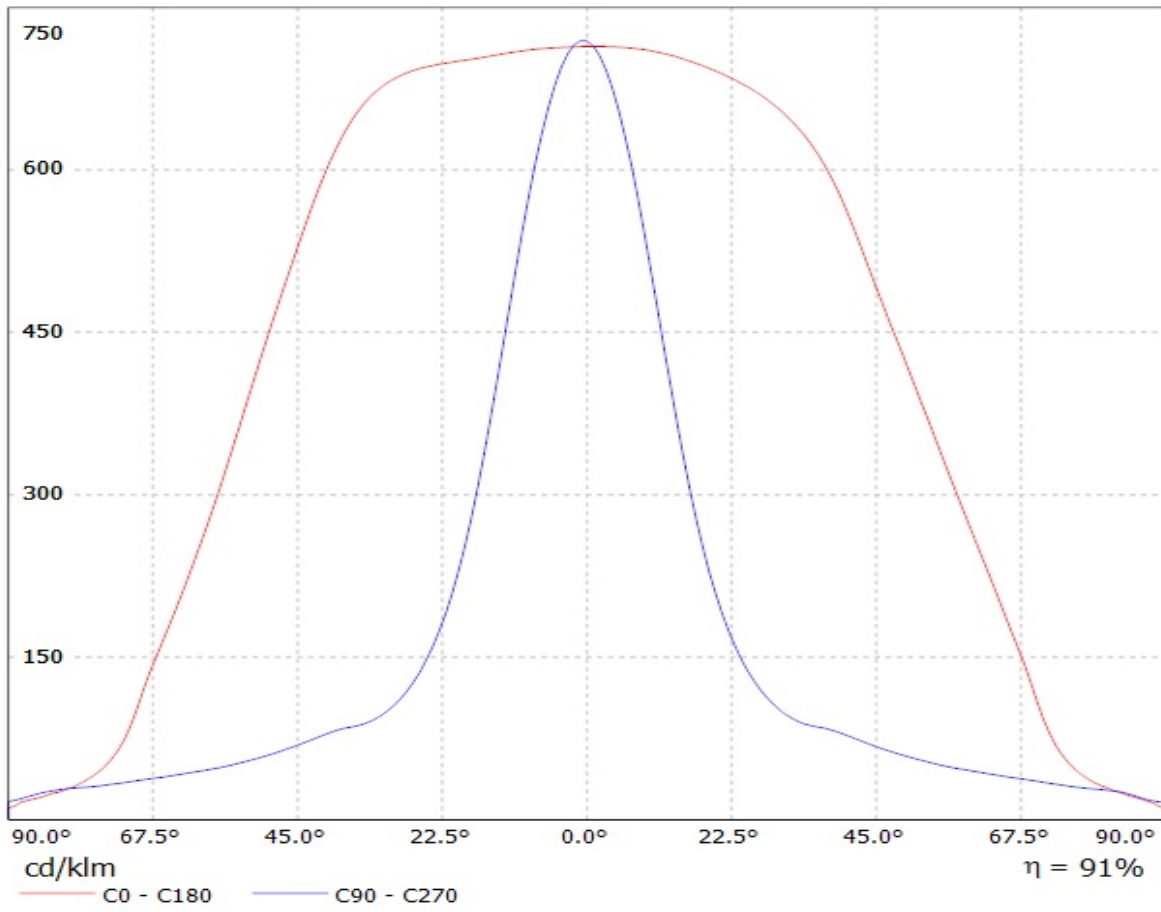
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Oslon_Square_PC)

Lamps: 1 x Osram_Oslon_Square_PC_2x6_1225.05lm@250mA_P=8.80595W_I=0.2498A



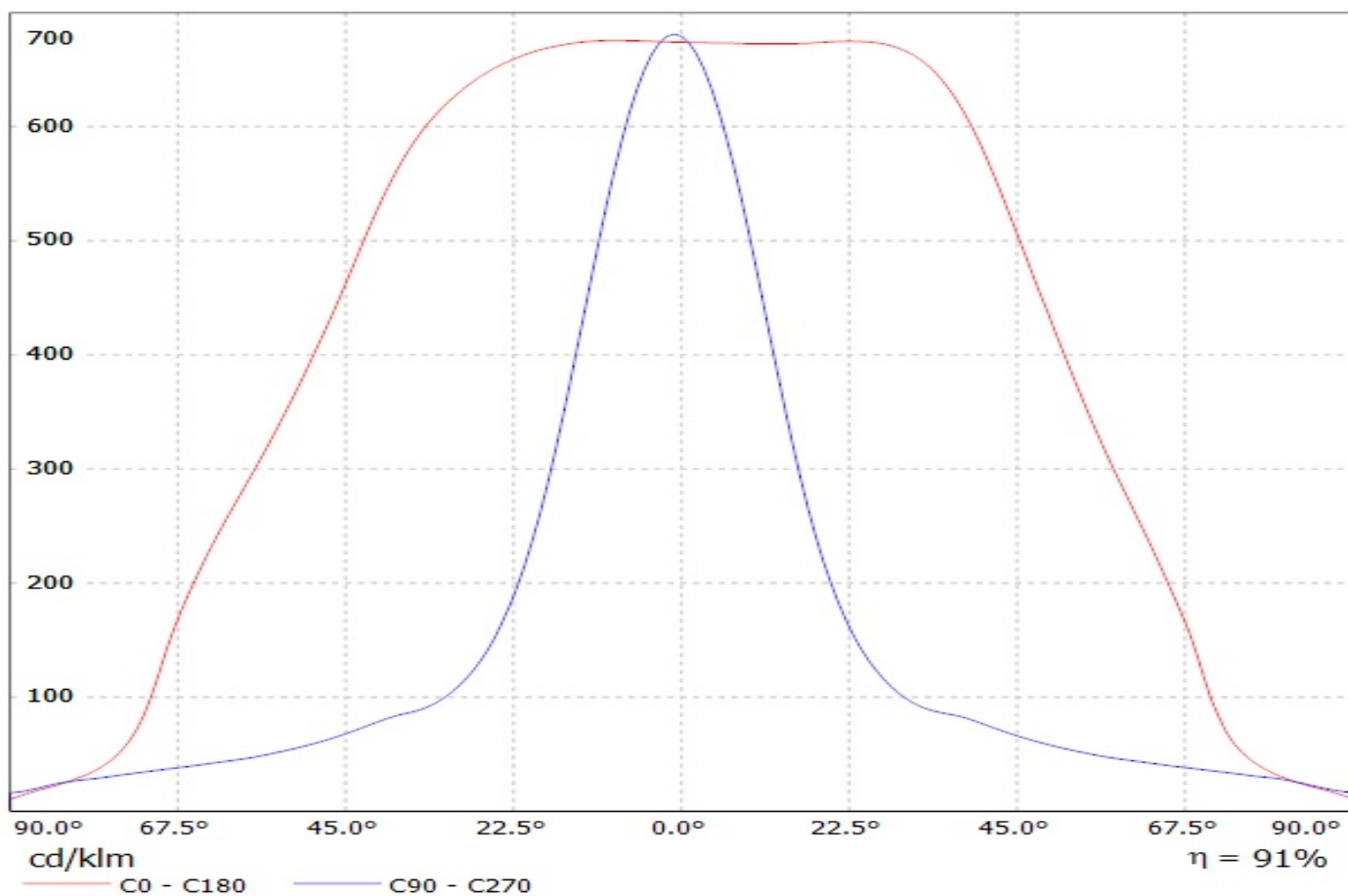
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Oslon_Square_EC)

Lamps: 1 x Osram_Oslon_Square_EC_2x6_(LCW CQAR.EC-MQMS-5R8T-35)_948.673lm@250mA_P=8.85466W_I=0.2498A



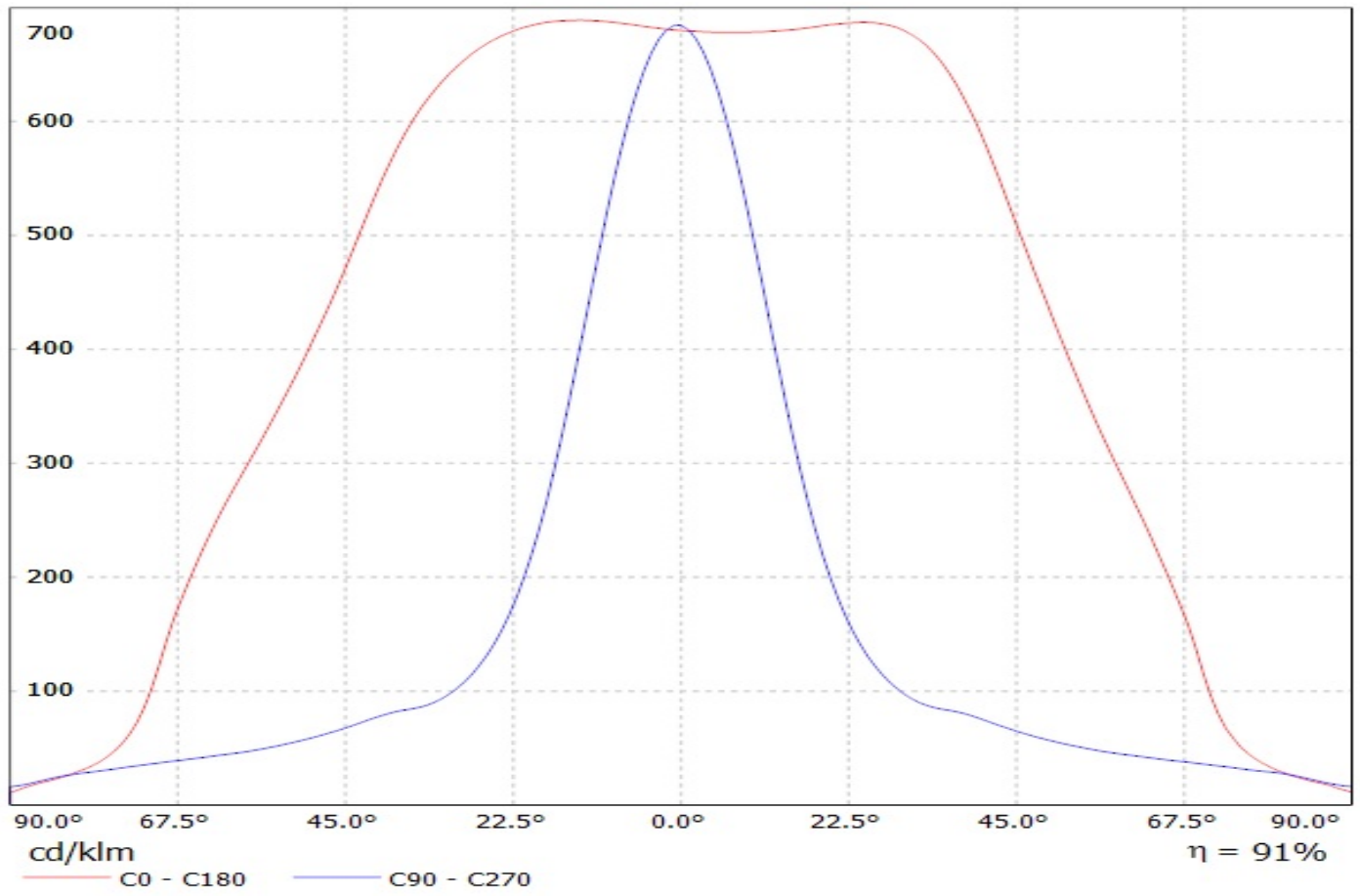
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_R)

Lamps: 1 x Philips_Lumileds_Luxeon_R_2x6_848.853lm@250mA_P=9.03352W_I=0.2498A



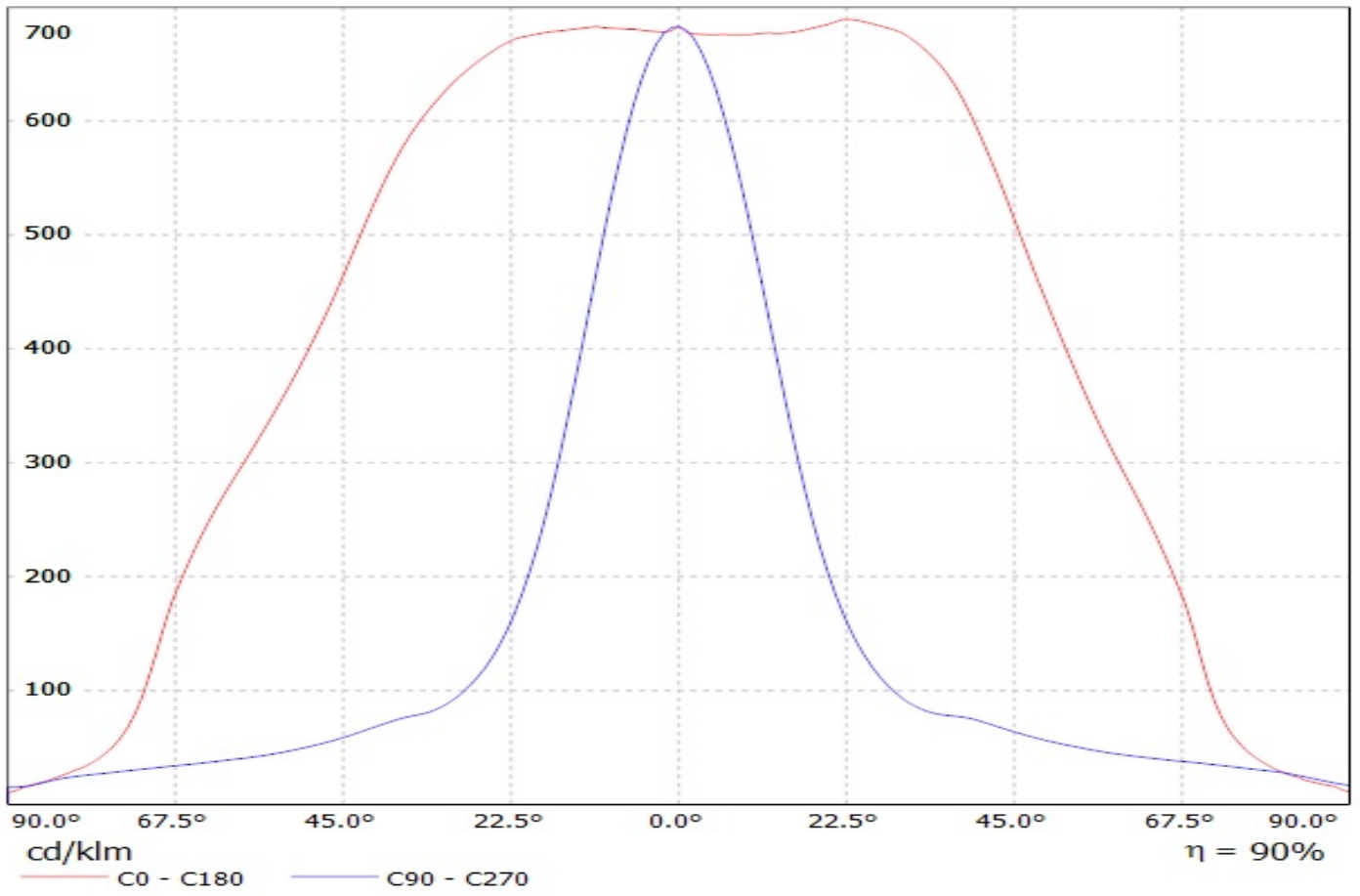
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_Rebel_ES)

Lamps: 1 x Philips_Lumileds_Luxeon_Rebel_ES_2x6_1132.87lm@250mA_P=8.30967W_I=0.2499A

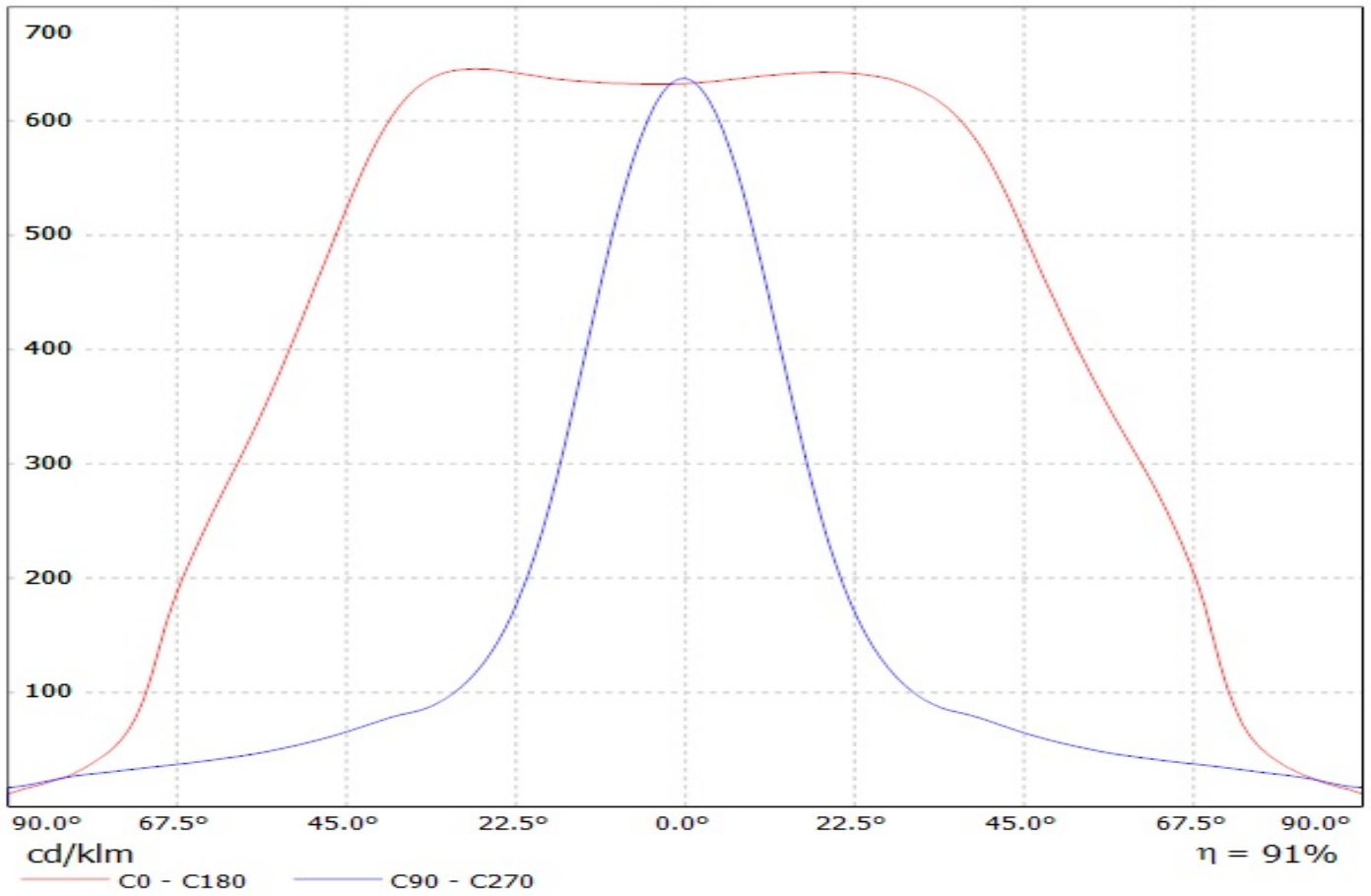


Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_TX)

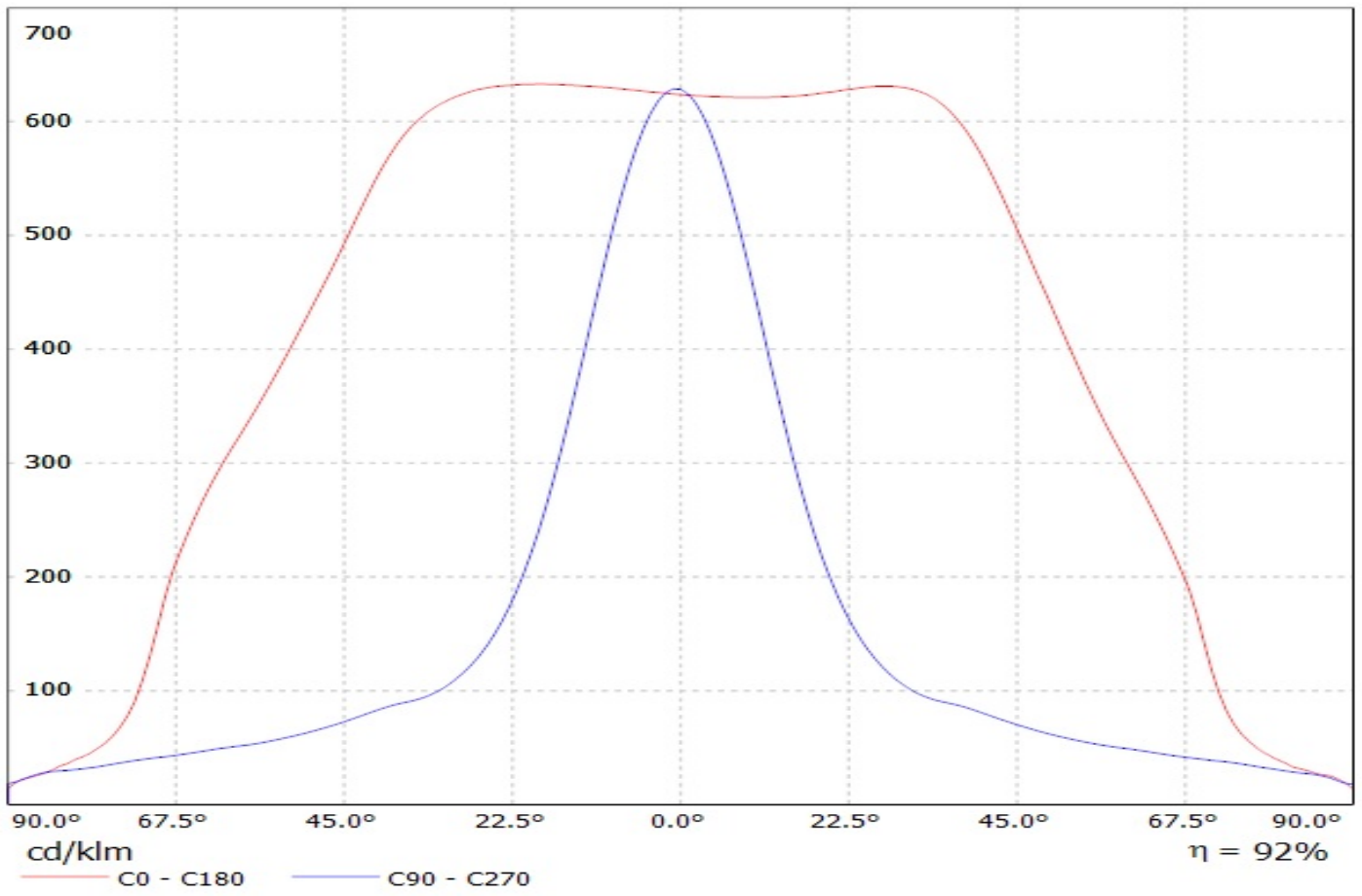
Lamps: 1 x Philips_Lumileds_Luxeon_TX_2x6_1294.69lm@250mA_P=8.32967W_I=0.2499A



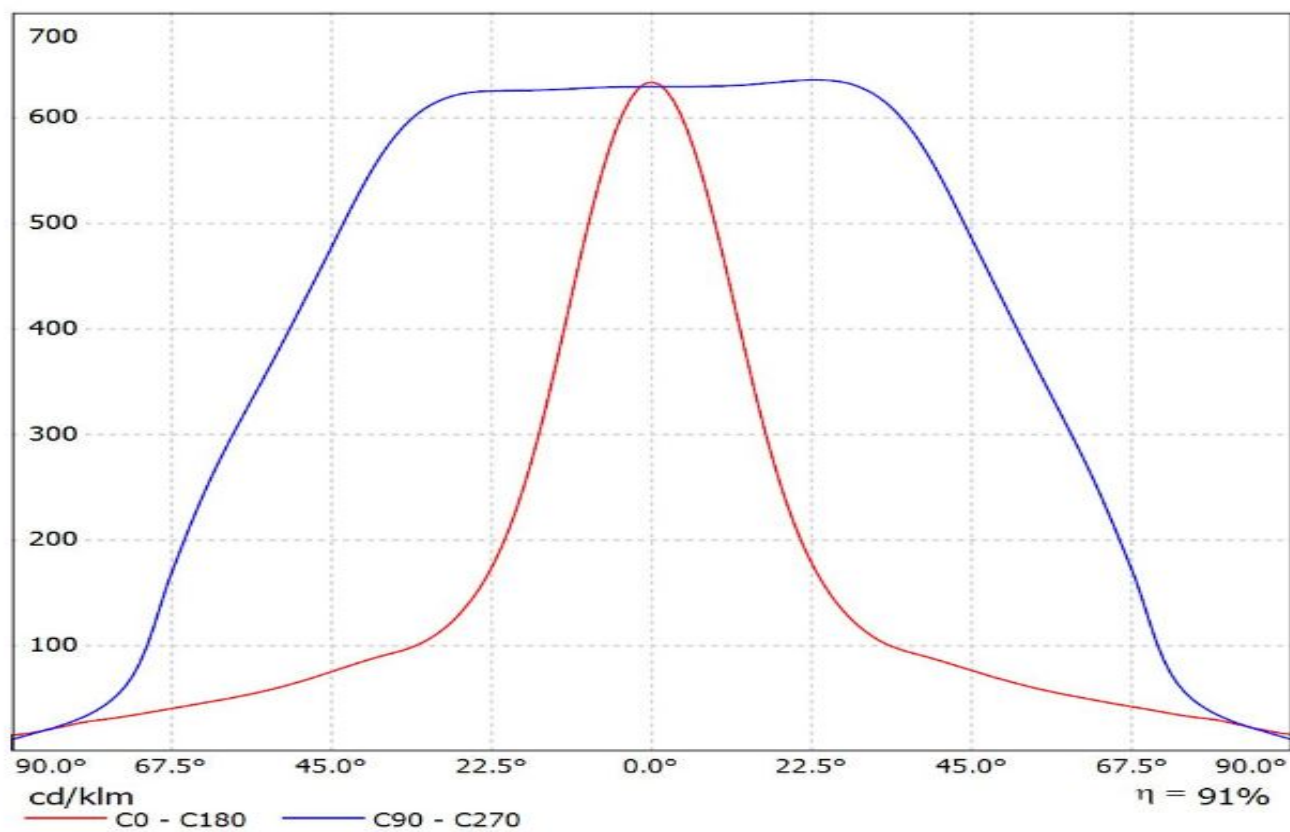
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XP-G)
Lamps: 1 x Cree_XP-G_2x6_779.527lm@250mA_P=8.54416W_I=0.2498A



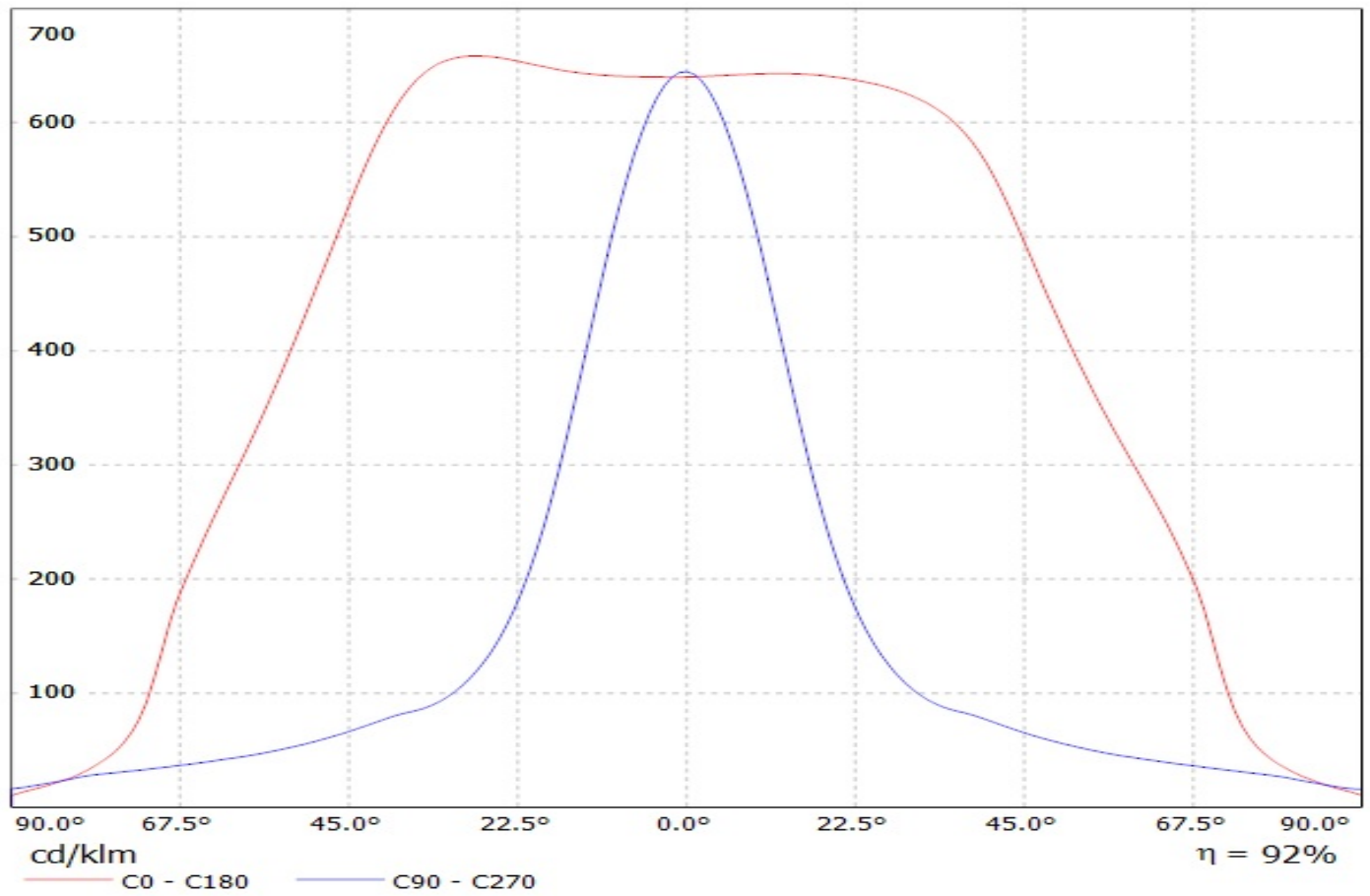
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XT-E)
Lamps: 1 x Cree_XT-E_2x6_1235.9lm@250mA_P=8.88264W_I=0.2498A



Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_T)_2
Lamps: 1 x Luxeon_T_2x6_(LXH8-FW30)_1041.23lm@250mA_P=8.3779W_I=249.8mA

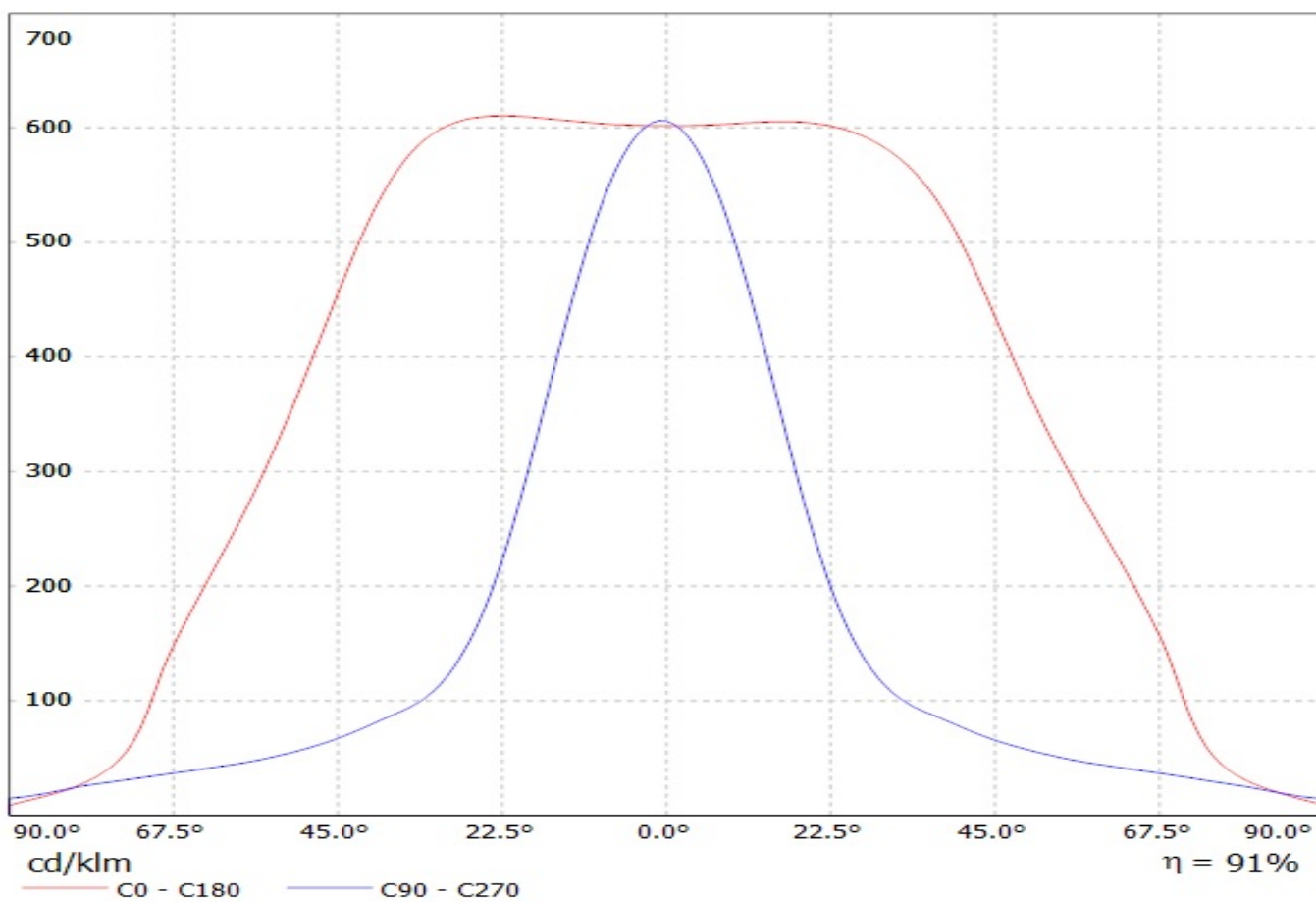


Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XP-G2)
Lamps: 1 x Cree_XP-G2_2x6_1237.61lm@250mA_P=8.57988W_I=0.2498A



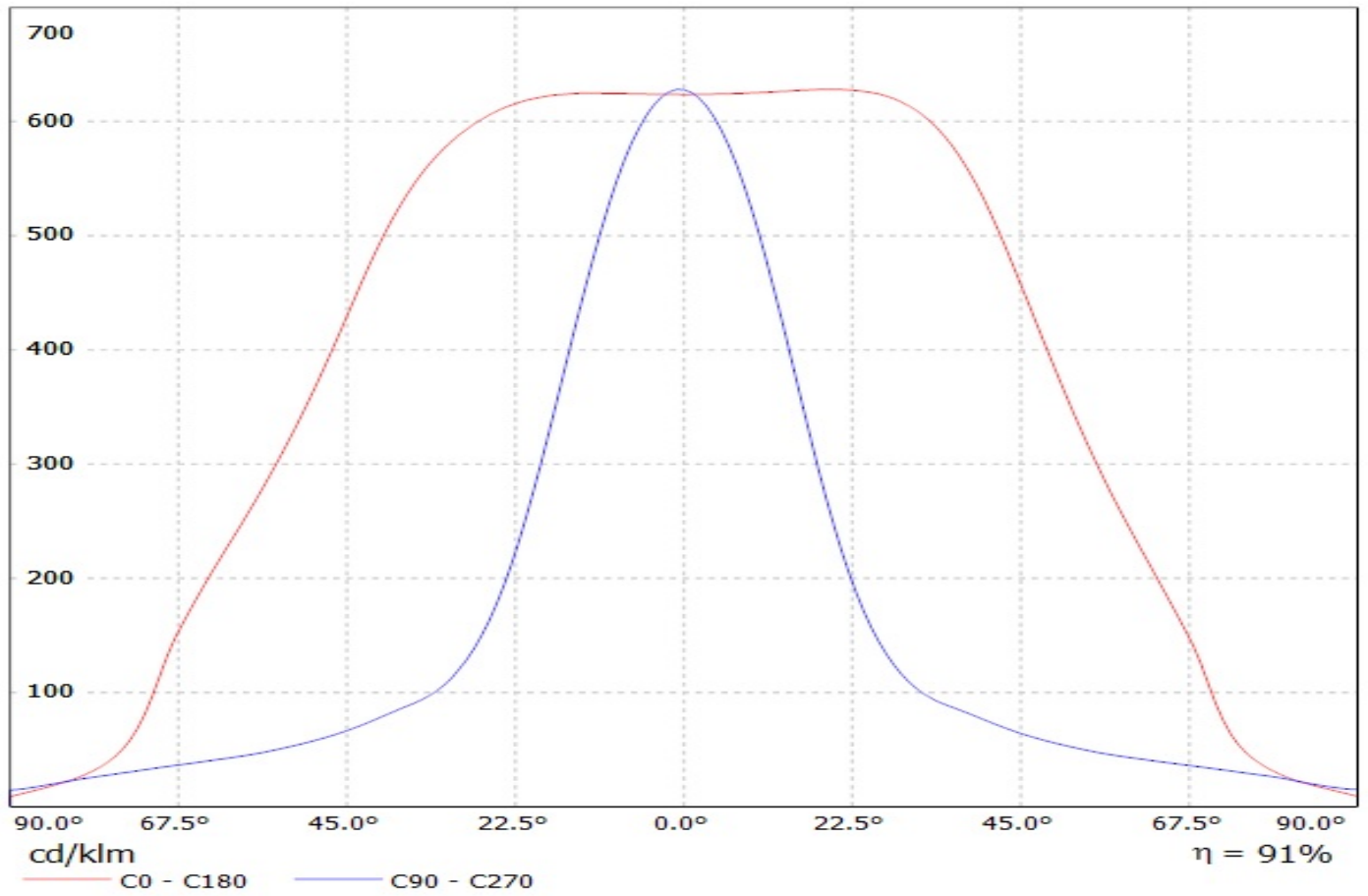
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XM-L)

Lamps: 1 x Cree_XM_L_2x6_(XMLAWT-00-0000-000LT2OE7)_995.915lm@250mA_P=8.16796W_I=0.2498A

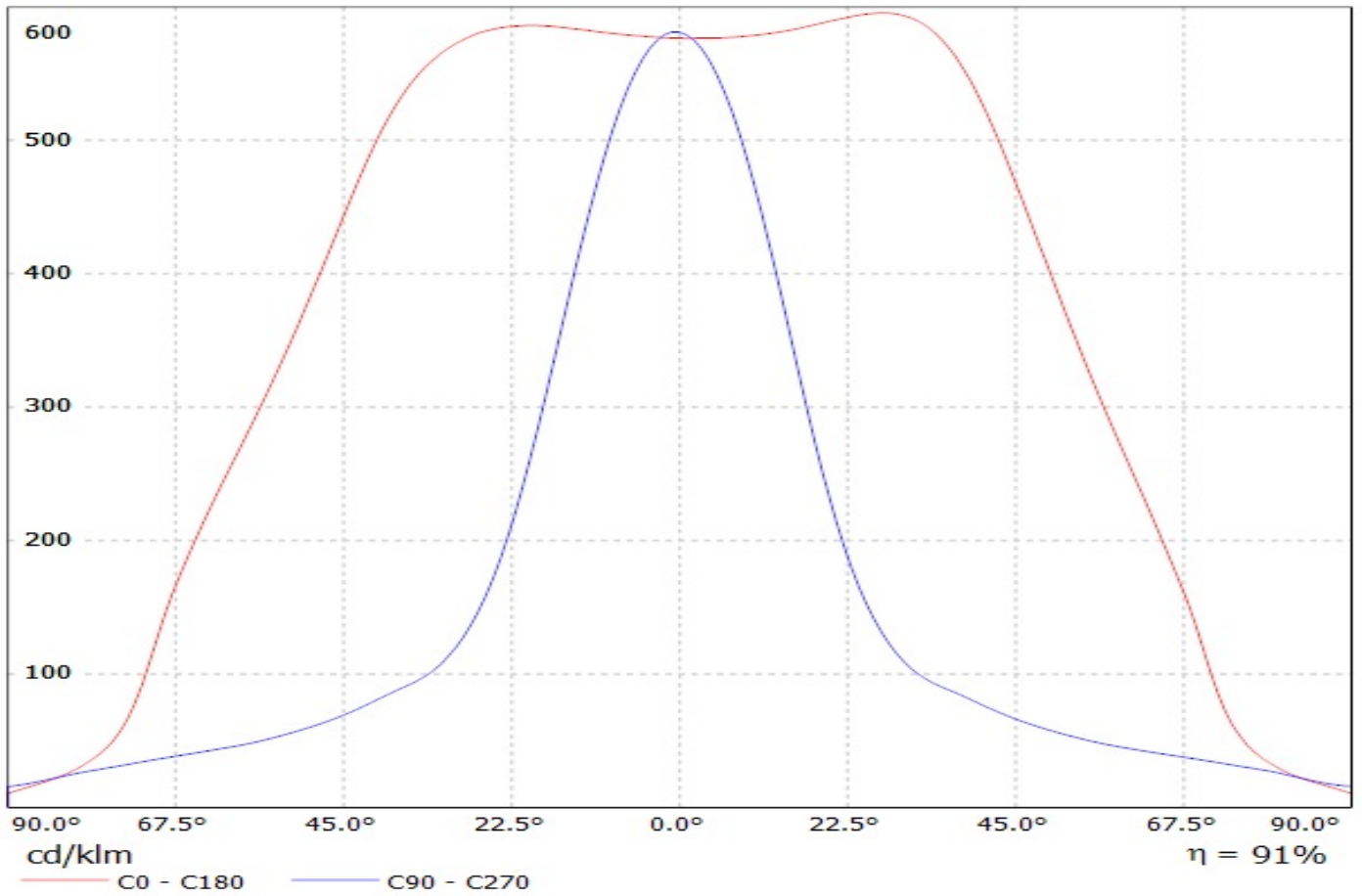


Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XM-L2)

Lamps: 1 x Cree_XM-L2_(XMLBWT-00-0000-000LT30E7)_1173.92lm@250mA_P=8.28212W_I=0.2498A

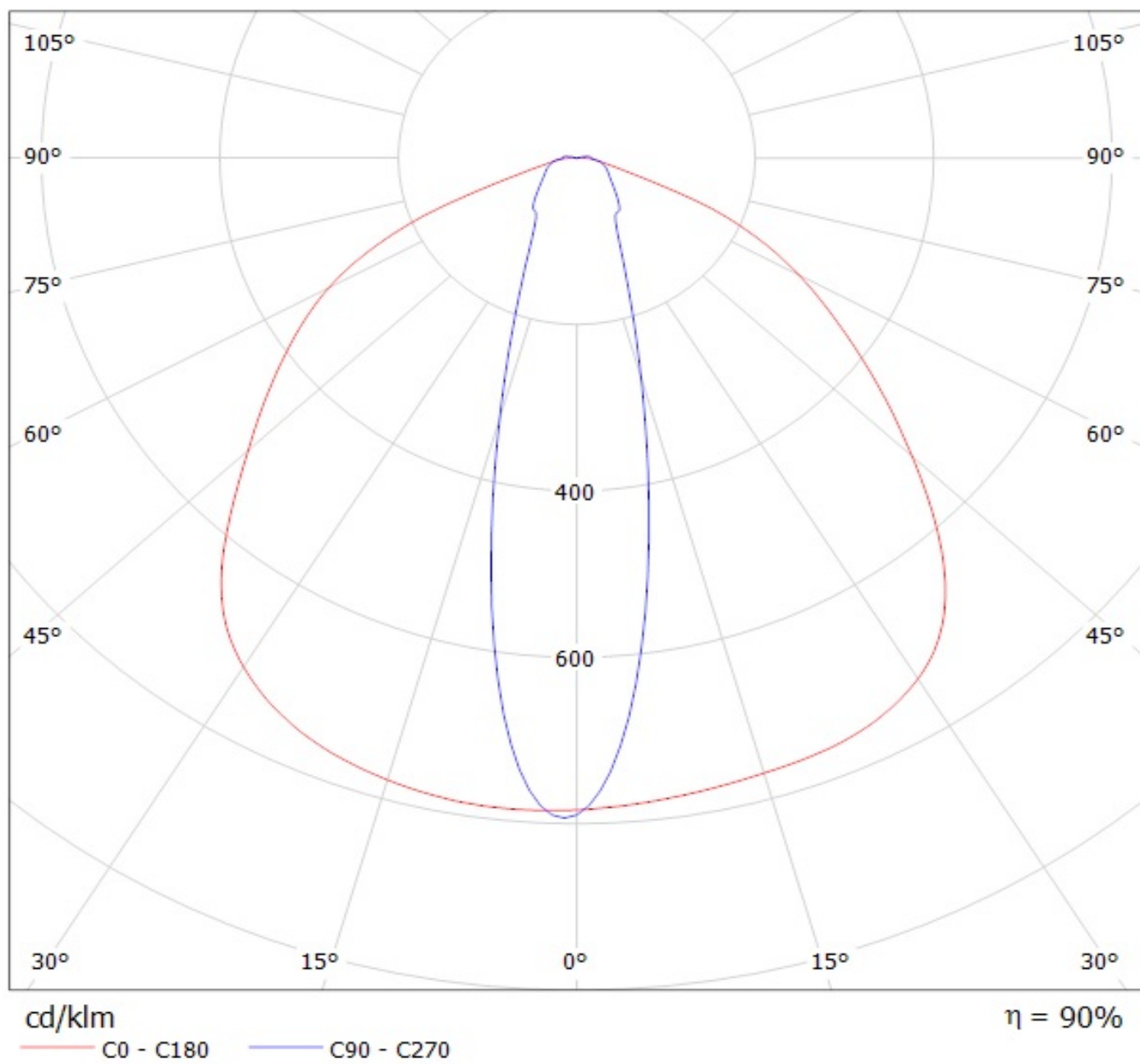


Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XP-L)
Lamps: 1 x Cree_XP-L_2x6_1243.45lm@250mA_P=8.25764W_I=0.2498A



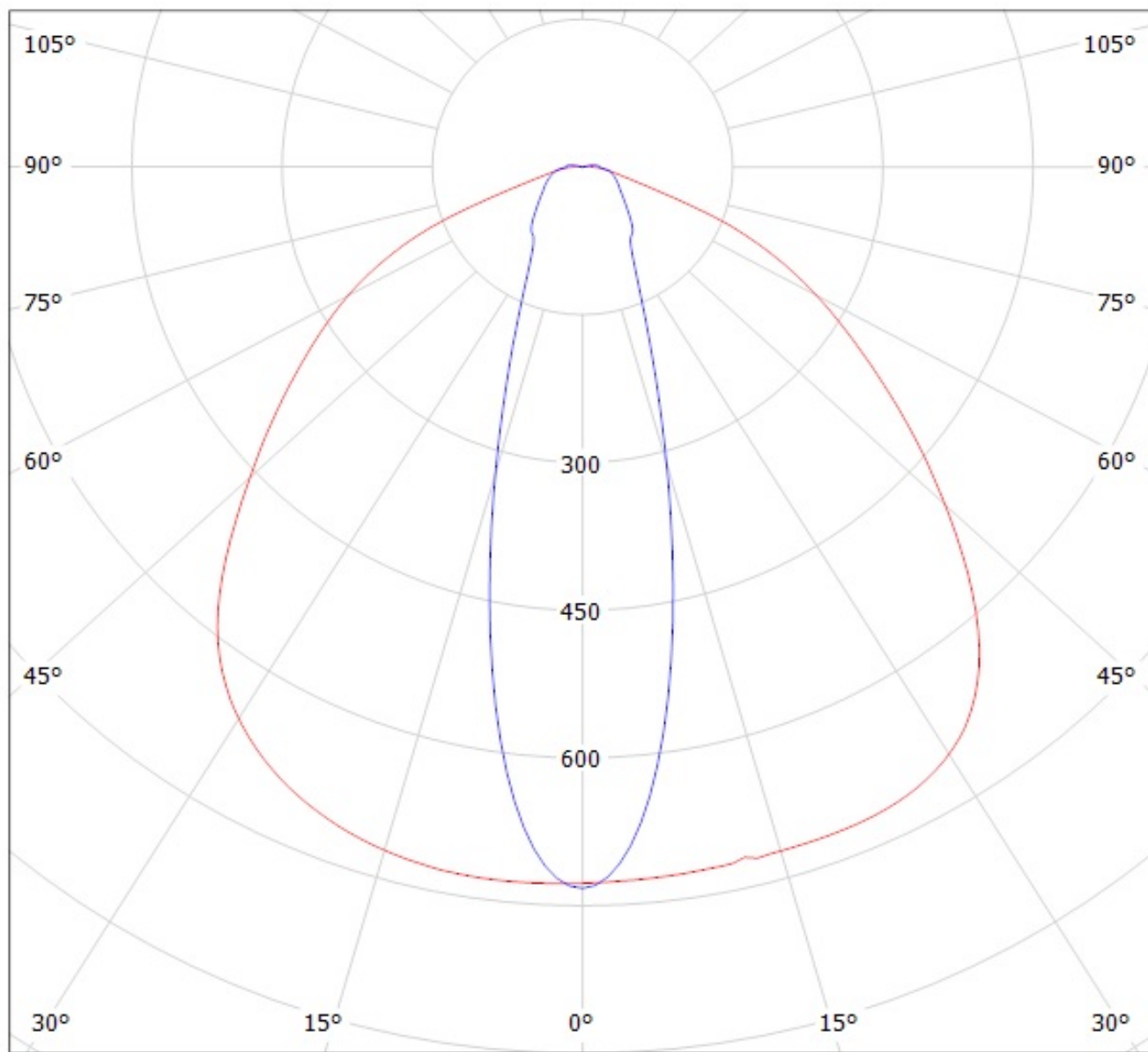
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_Z_ES)

Lamps: 1 x Philips_Lumileds_Luxeon_Z_ES_2x6_977.042lm@250mA_P=8.33092W_I=0.2499A



Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_Rebel)

Lamps: 1 x Philips_Lumileds_Luxeon_Rebel_2x6_(LXM8-PW30)_745.574lm@250mA_P=8.36755W_I=0.2498A



cd/klm

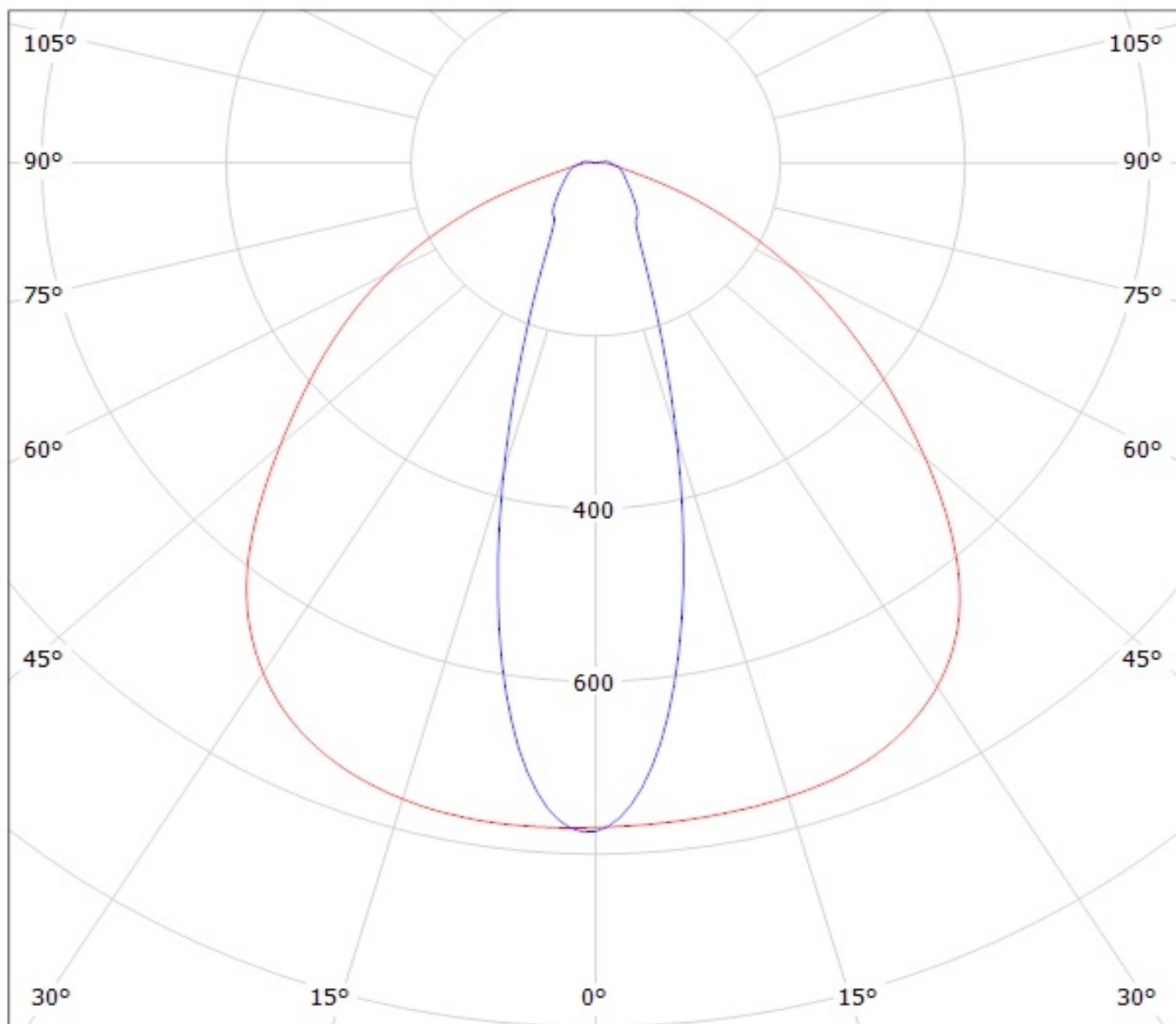
$\eta = 91\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(LH351Z)

Lamps: 1 x Samsung_LH351Z_(2X6)_951.129lm@250mA_P=8.7495W_I=0.2499A



cd/klm

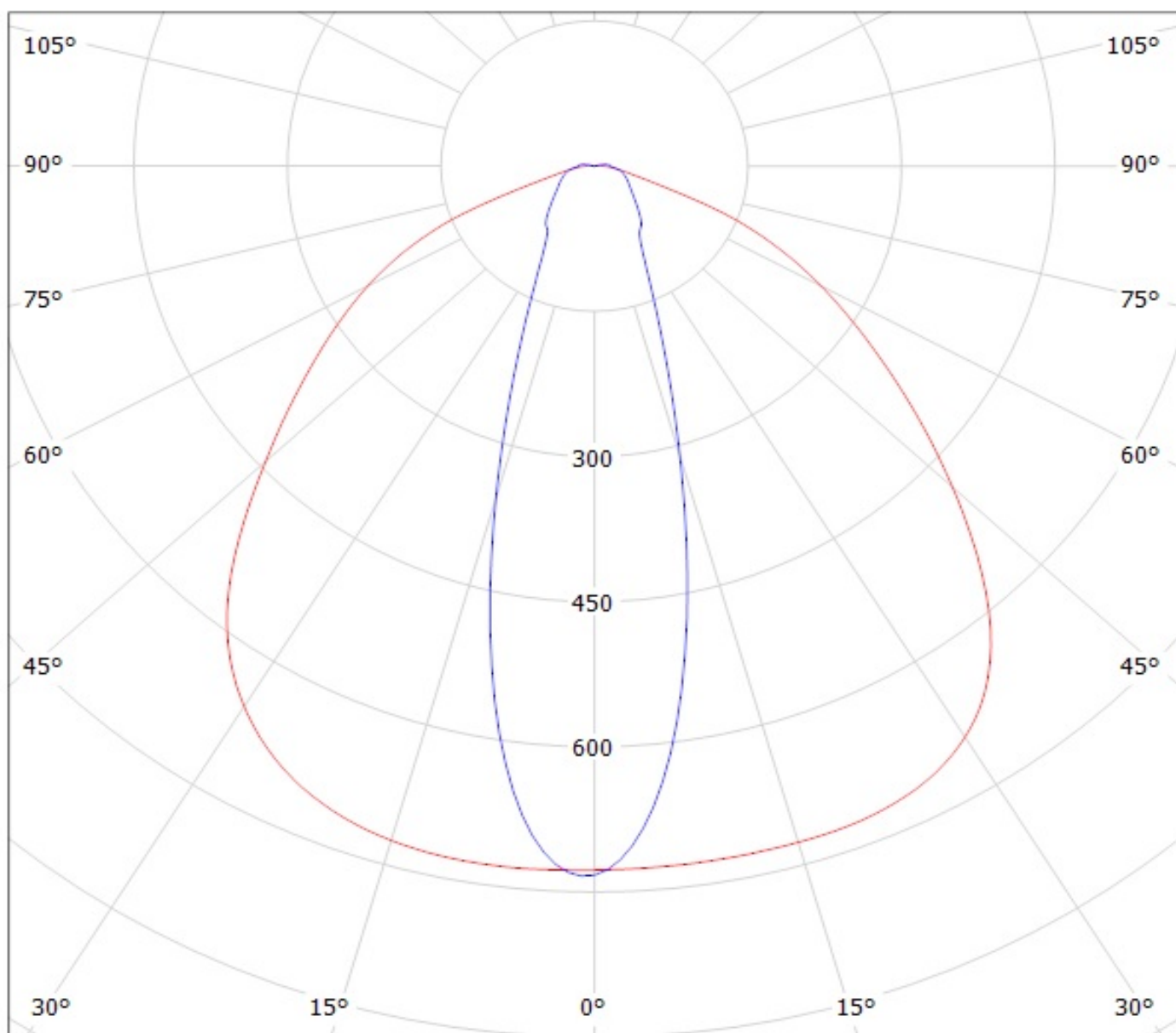
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Z5M1)

Lamps: 1 x Seoul_Z5M1_(2x6)_(SZ5-M1-WW-C8)_1165.11lm@250mA_P=8.58881W_I=0.2499A



cd/klm

— C0 - C180

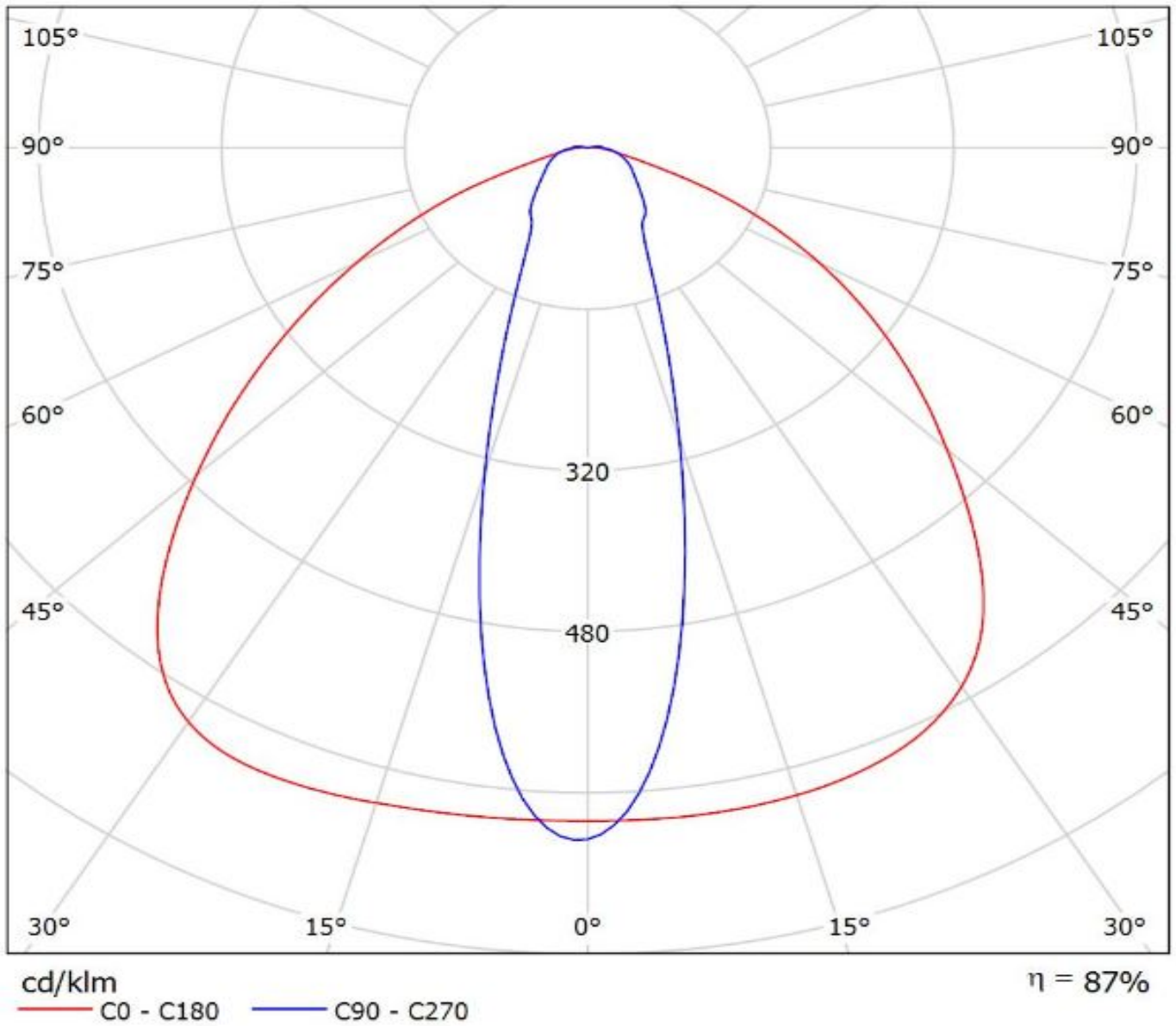
— C90 - C270

$\eta = 90\%$

Ledil CS14597_HB-IP-2X6-O_(TL1L4) / LDC (Polar)

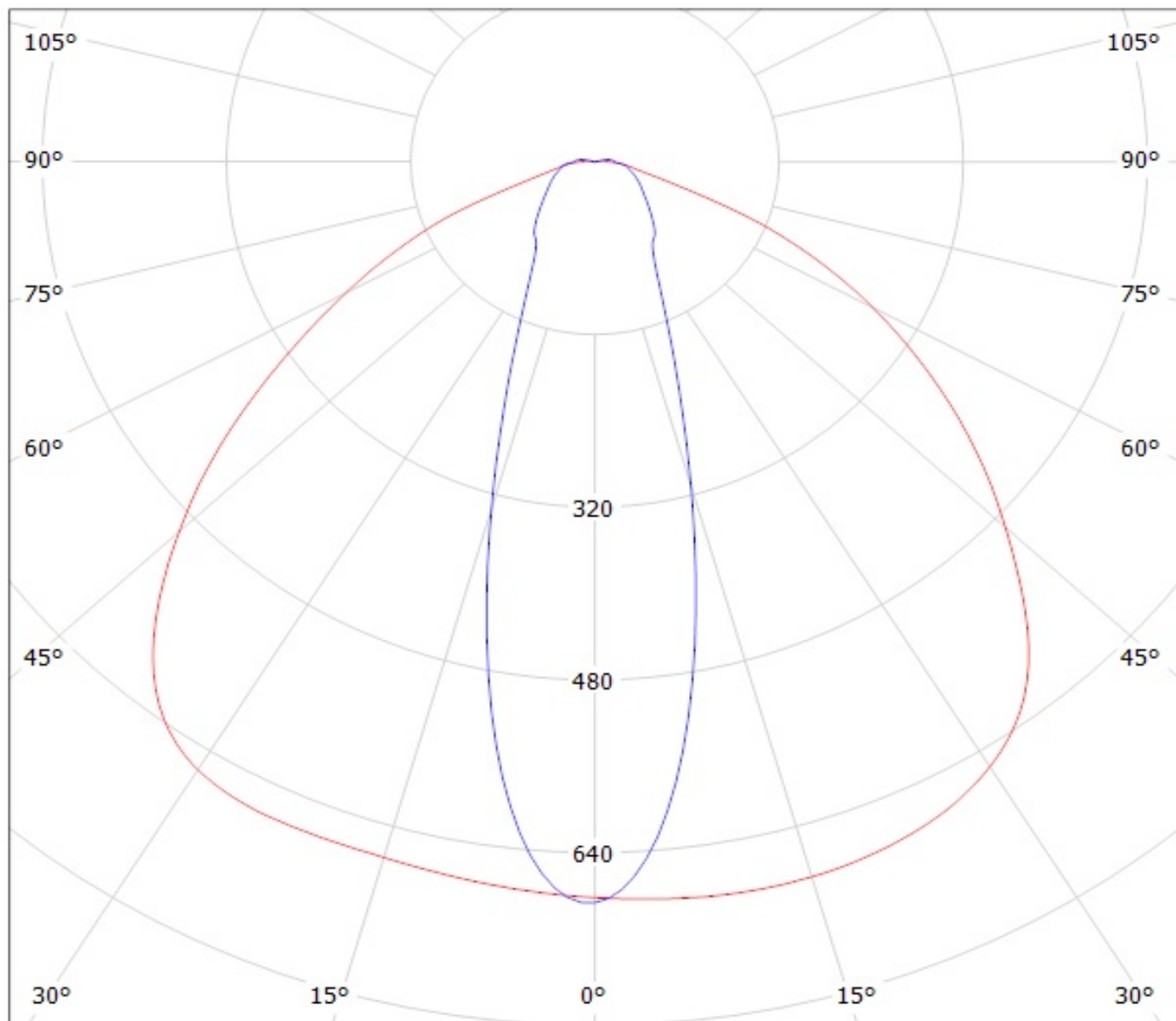
Luminaire: Ledil CS14597_HB-IP-2X6-O_(TL1L4)

Lamps: 1 x Toshiba_TL1L4_2x6_(TL1L4-DW0)_1346.96lm@250mA_CCT=6500K_P=8.5W_I=0.25A



Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Oslon_Square_PC)

Lamps: 1 x Osram_Oslon_Square_PC_2x6_1225.05lm@250mA_P=8.80595W_I=0.2498A



cd/klm

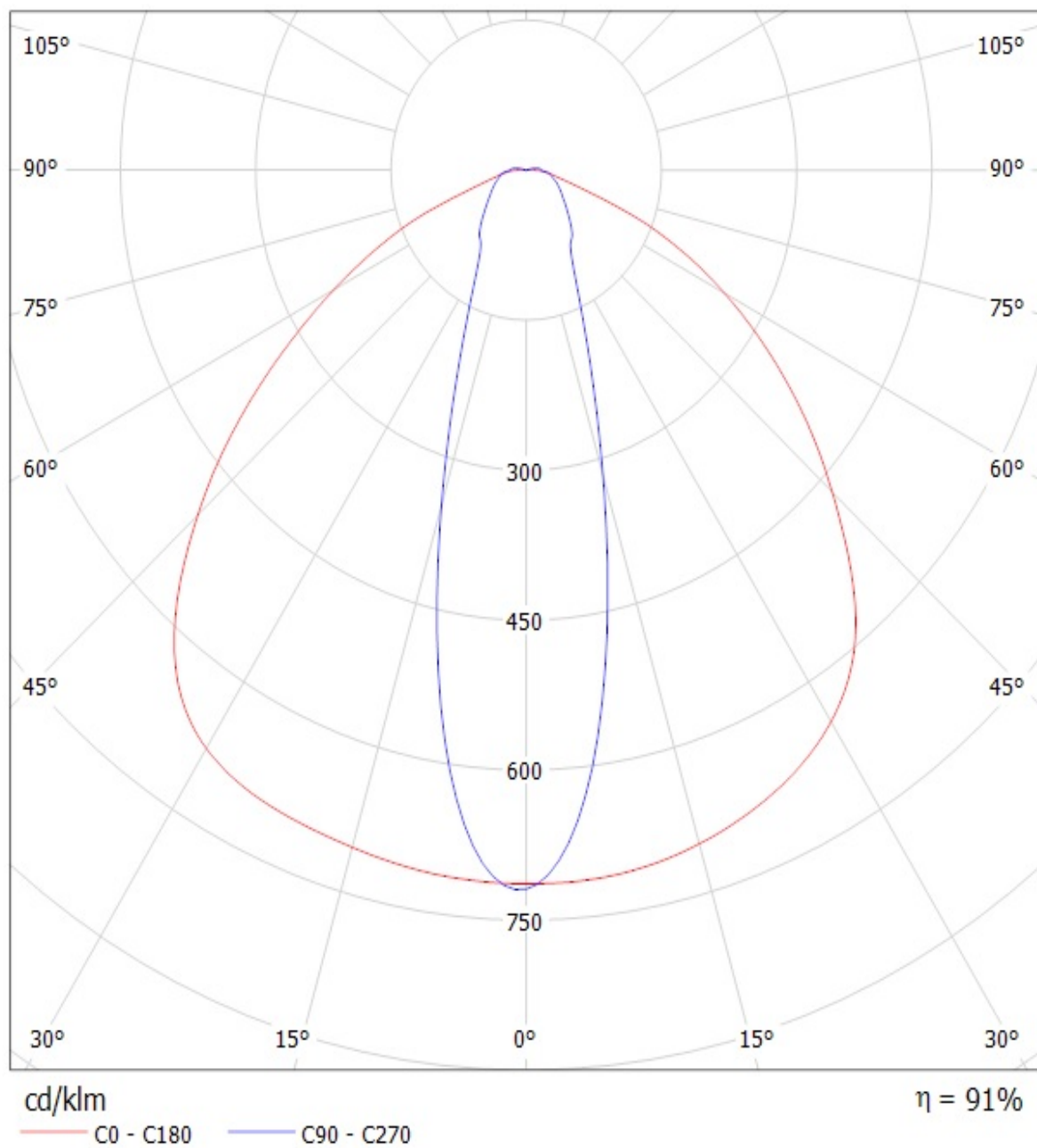
— C0 - C180

— C90 - C270

$\eta = 92\%$

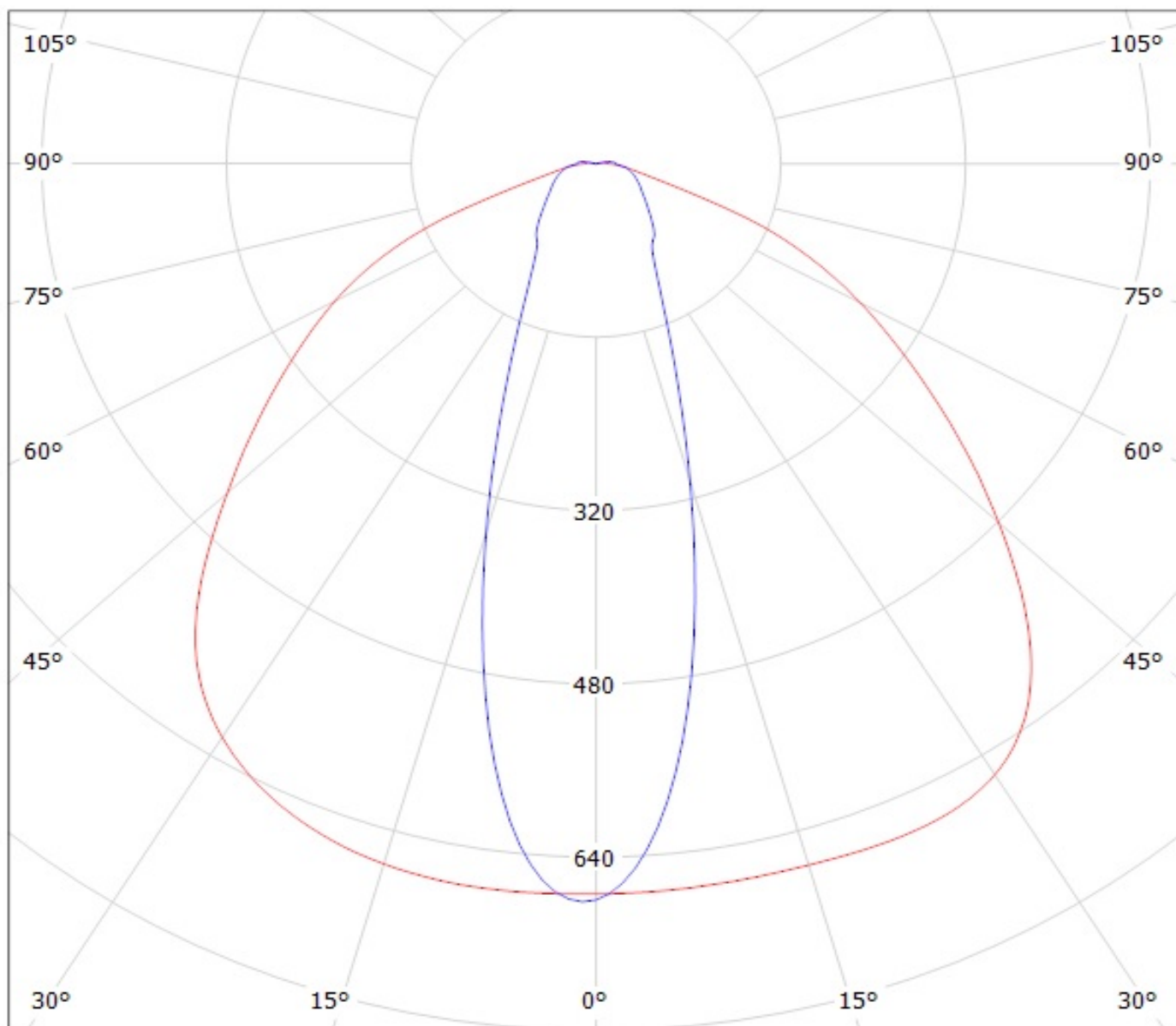
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Oslon_Square_EC)

Lamps: 1 x Osram_Oslon_Square_EC_2x6_(LCW CQAR.EC-MQMS-5R8T-35)_948.673lm@250mA_P=8.85466W_I=0.2498A



Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_R)

Lamps: 1 x Philips_Lumileds_Luxeon_R_2x6_848.853lm@250mA_P=9.03352W_I=0.2498A



cd/klm

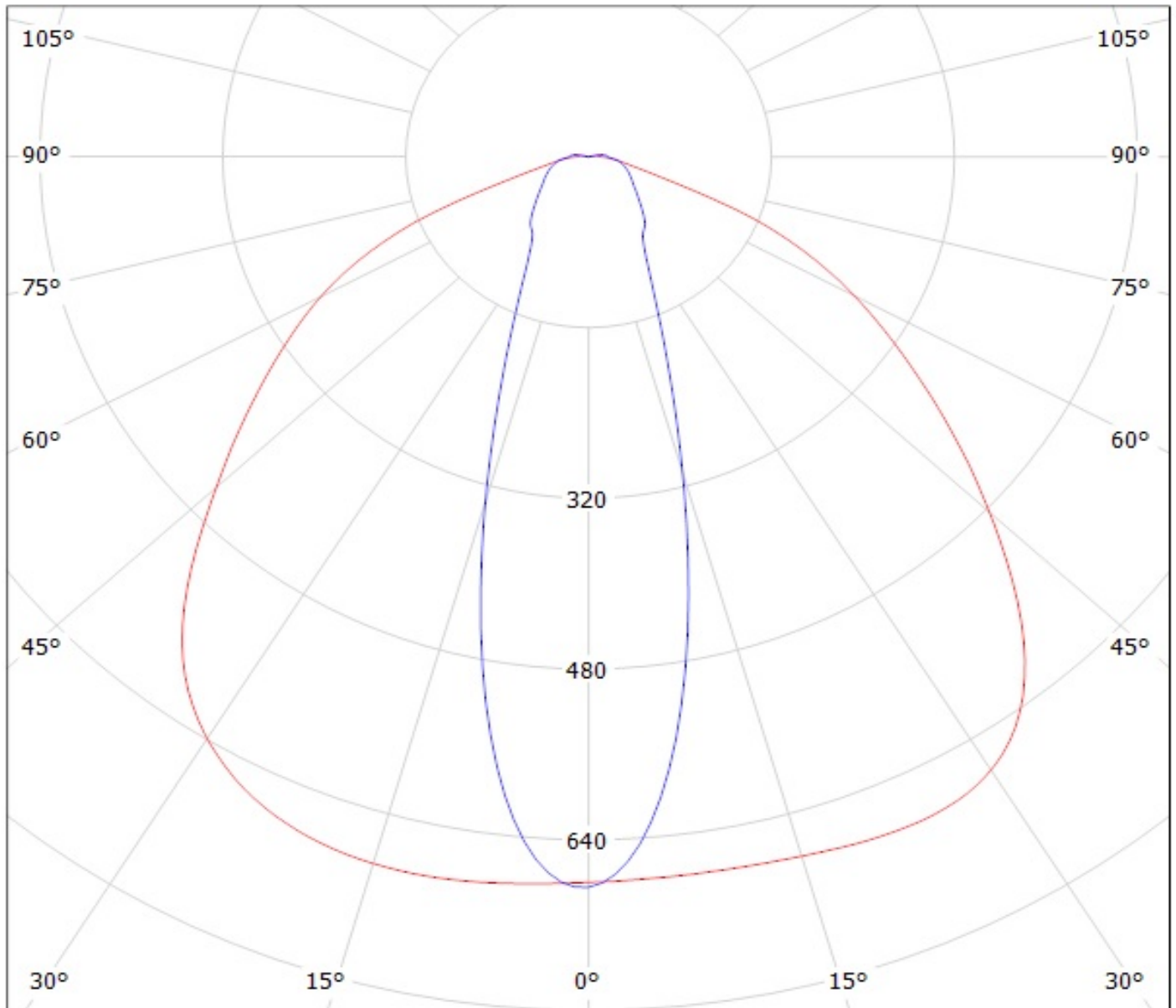
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_Rebel_ES)

Lamps: 1 x Philips_Lumileds_Luxeon_Rebel_ES_2x6_1132.87lm@250mA_P=8.30967W_I=0.2499A



cd/klm

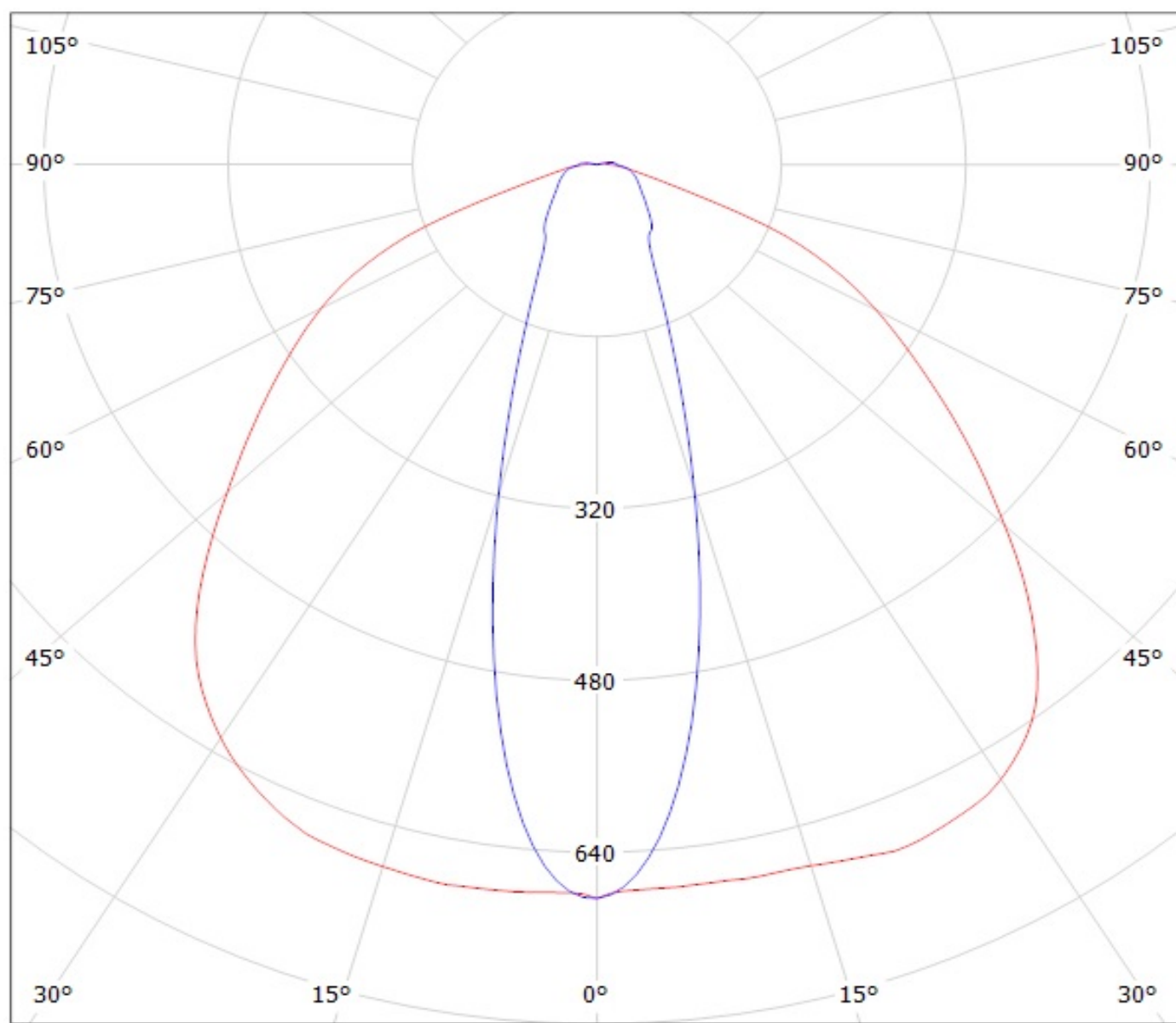
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_TX)

Lamps: 1 x Philips_Lumileds_Luxeon_TX_2x6_1294.69lm@250mA_P=8.32967W_I=0.2499A



cd/klm

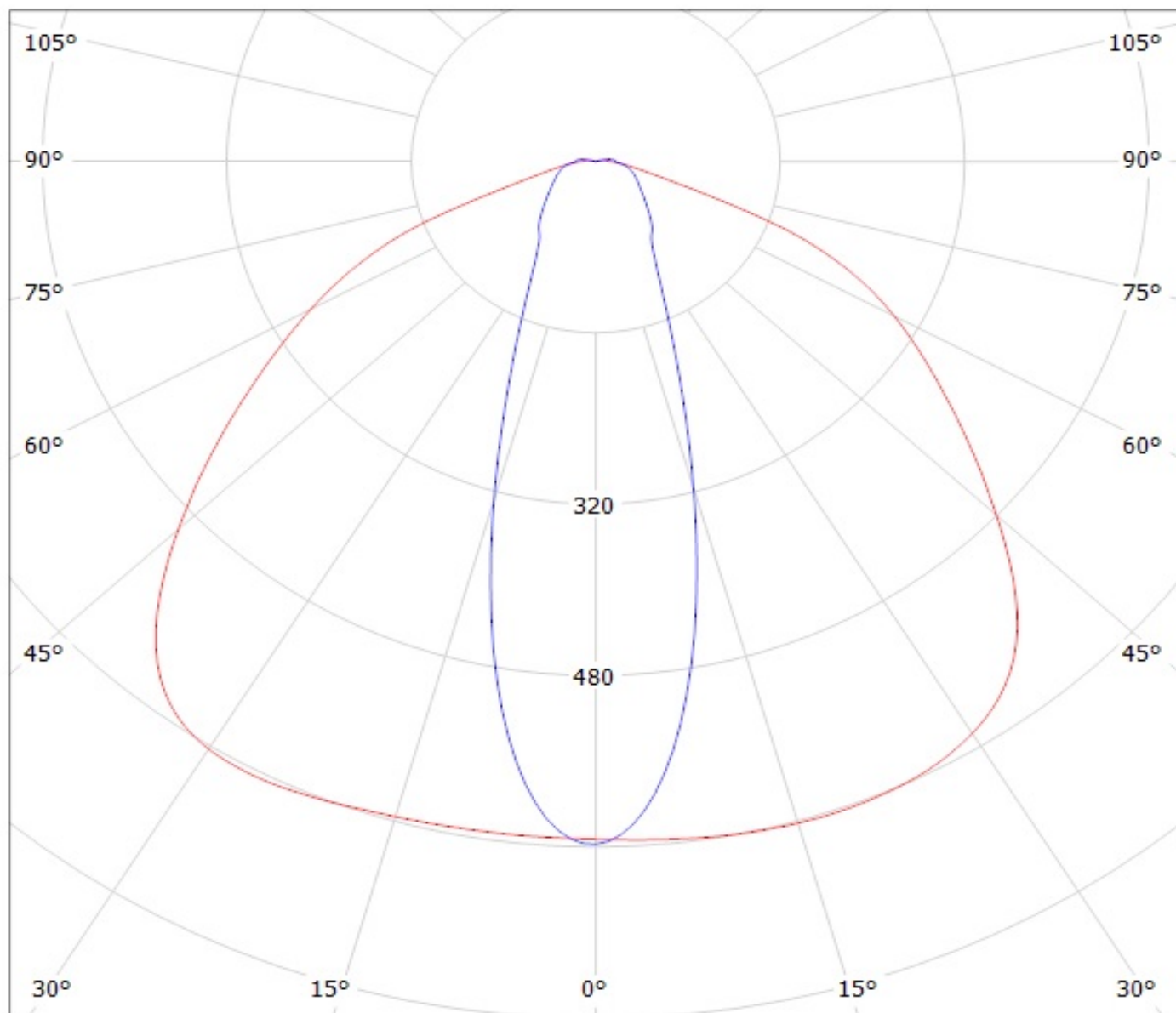
$\eta = 90\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XP-G)

Lamps: 1 x Cree_XP-G_2x6_779.527lm@250mA_P=8.54416W_I=0.2498A

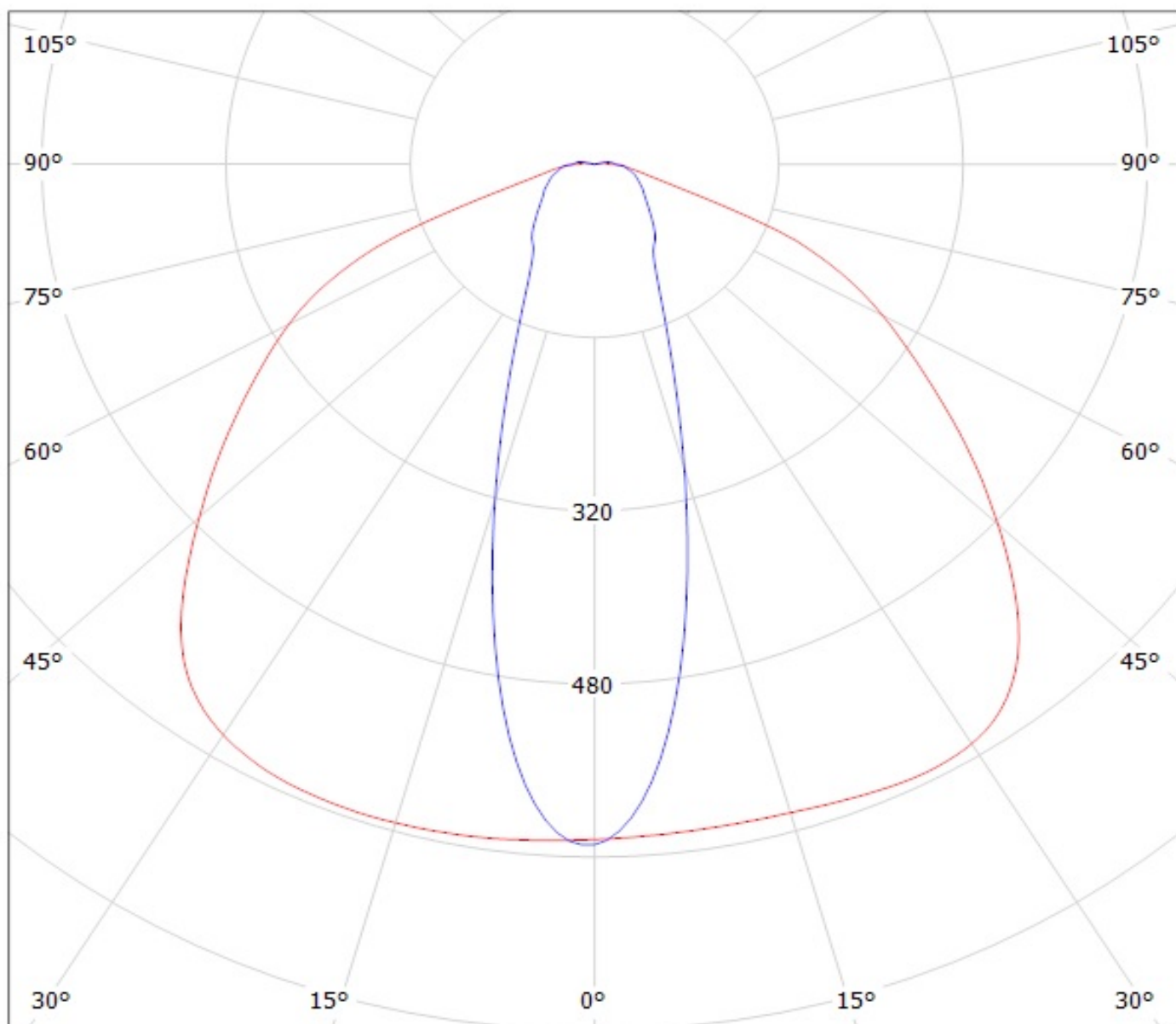


cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XT-E)
Lamps: 1 x Cree_XT-E_2x6_1235.9lm@250mA_P=8.88264W_I=0.2498A



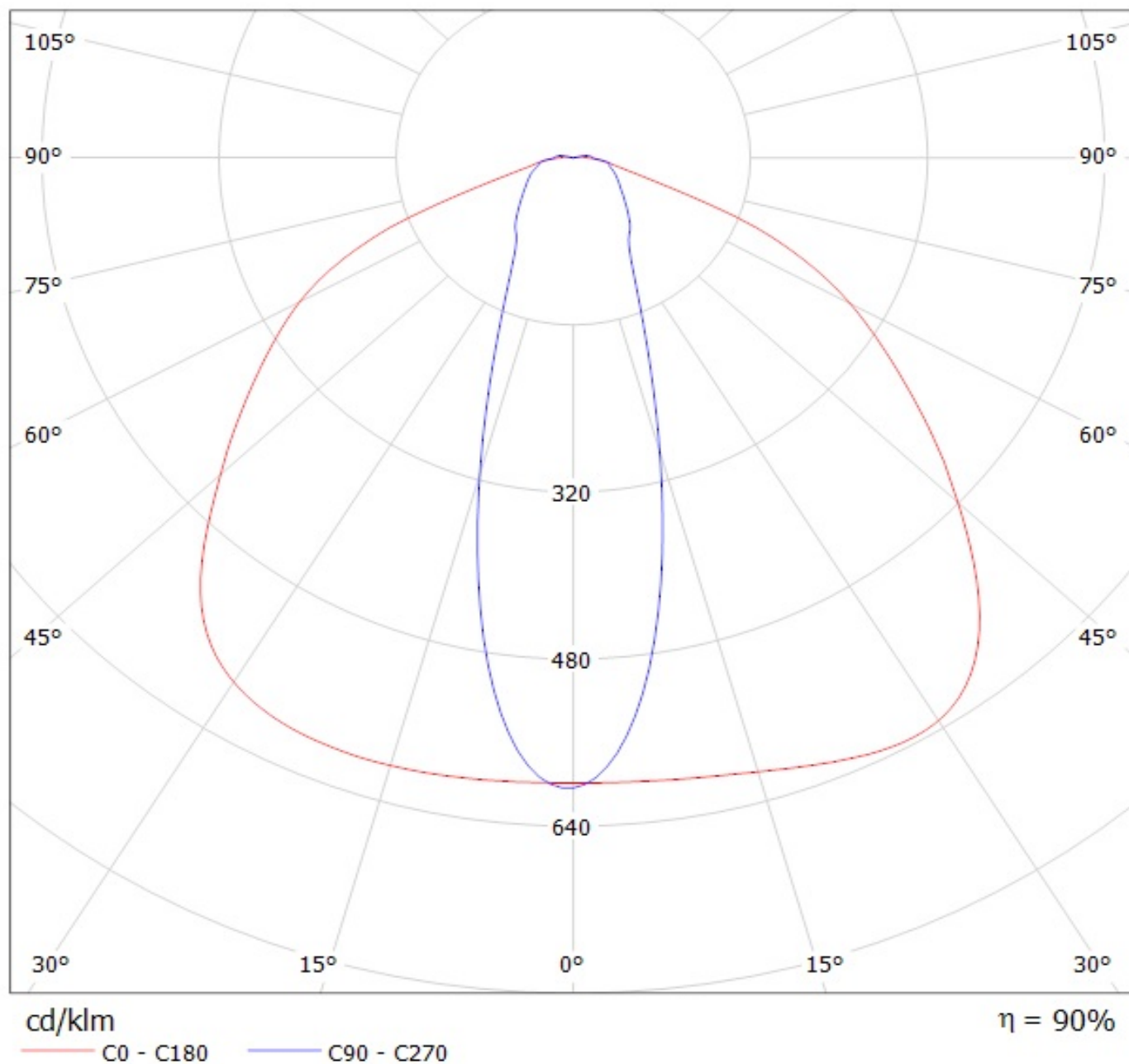
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

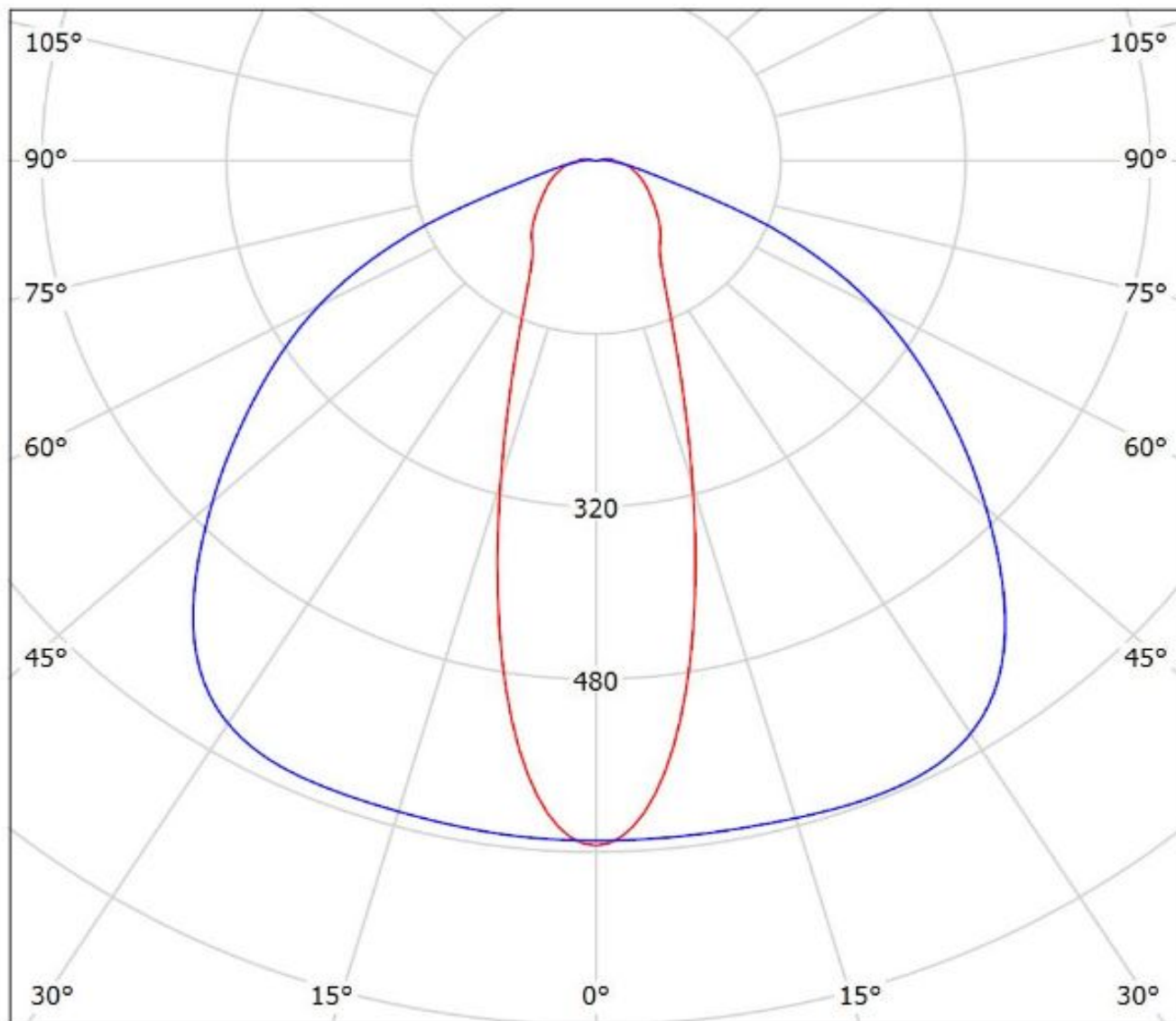
Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(NVSxx19B)

Lamps: 1 x Nichia_NVsxx19B_(NVSL219BT)_2x6_1264.03lm@250mA_P=8.31559W_I=0.2498A



Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(Luxeon_T)_2

Lamps: 1 x Luxeon_T_2x6_(LXH8-FW30)_1041.23lm@250mA_P=8.37779W_I=249.8mA



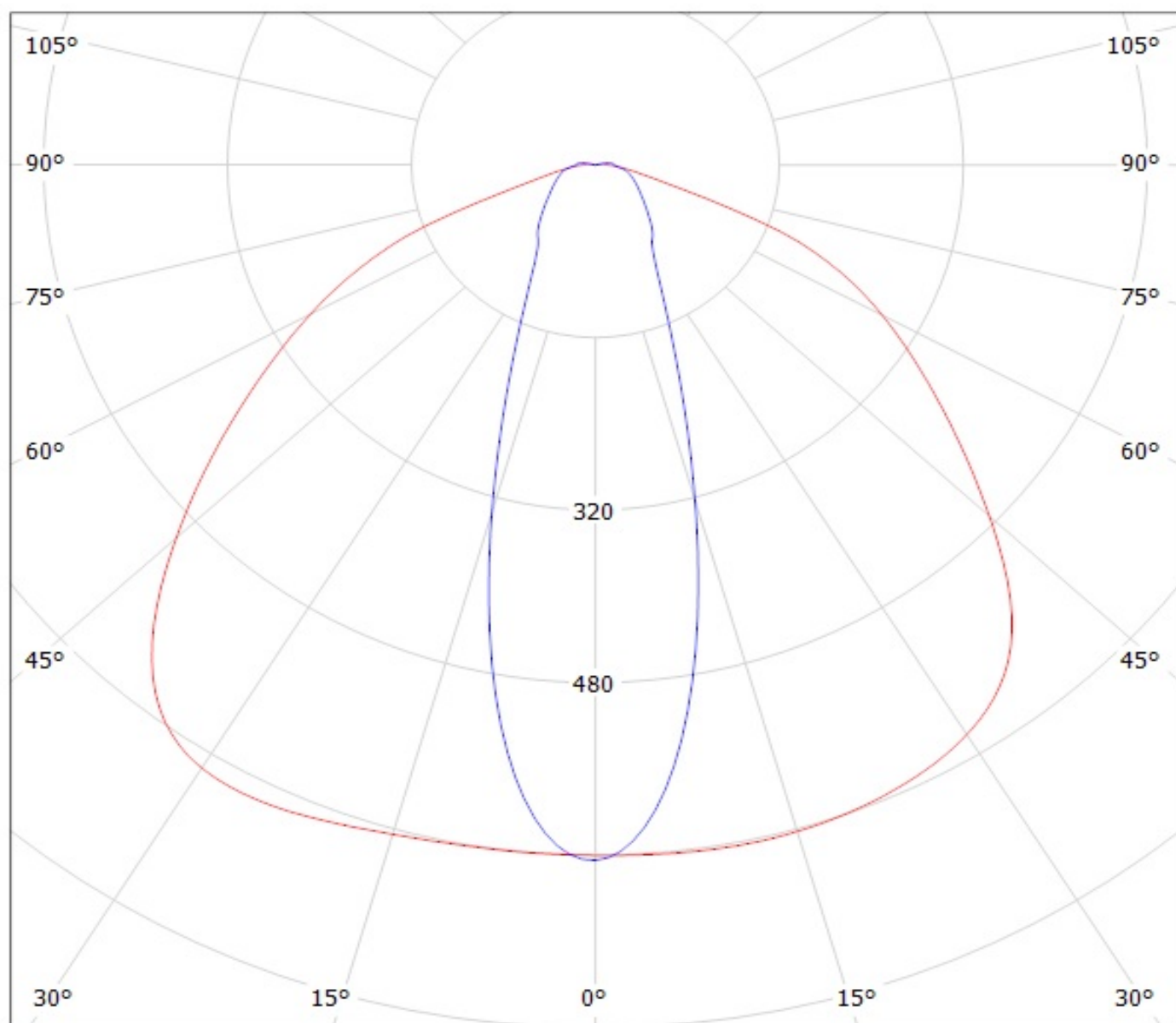
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XP-G2)

Lamps: 1 x Cree_XP-G2_2x6_1237.61lm@250mA_P=8.57988W_I=0.2498A



cd/klm

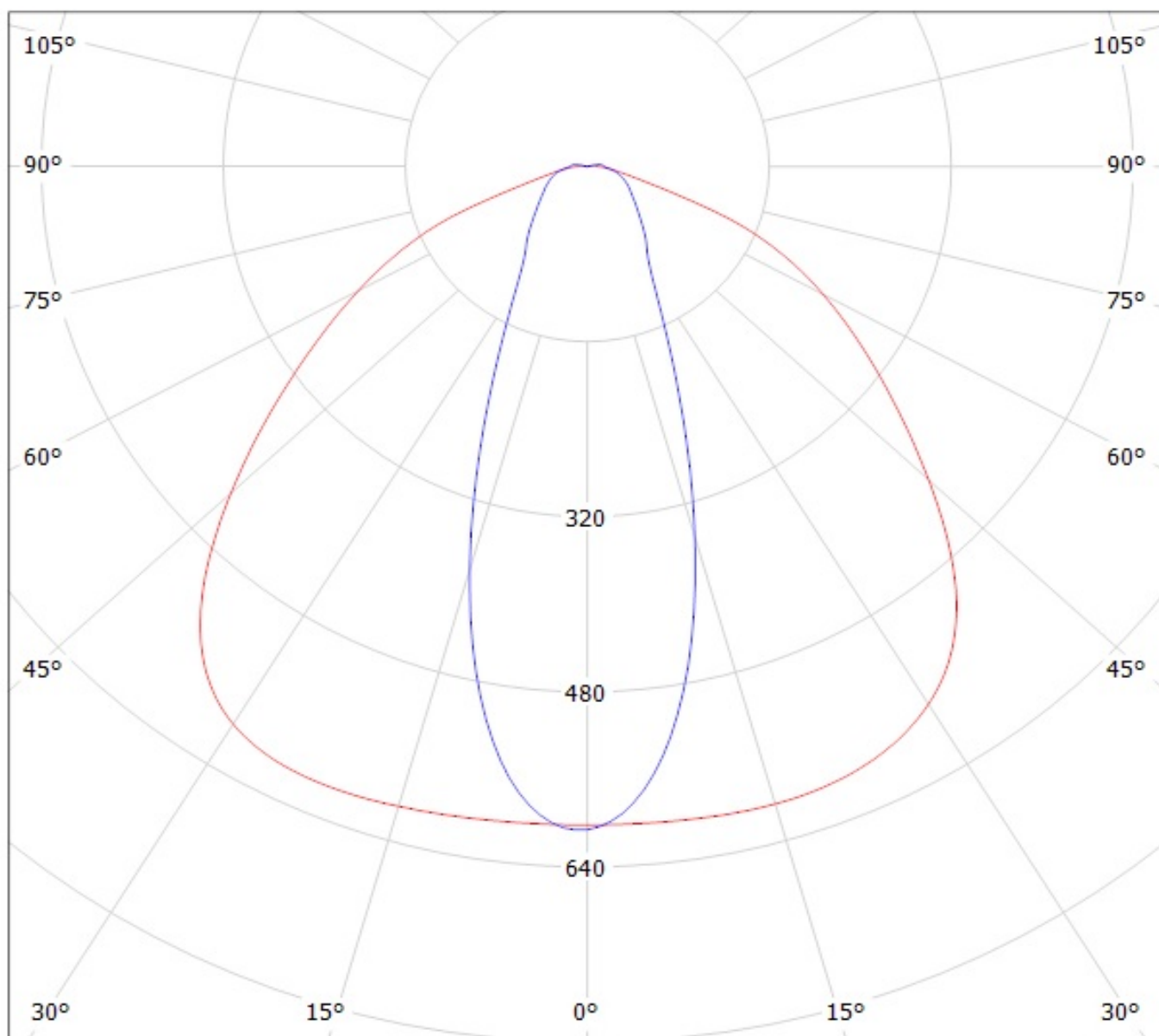
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XM-L)

Lamps: 1 x Cree_XM_L_2x6_(XMLAWT-00-0000-000LT2OE7)_995.915lm@250mA_P=8.16796W_I=0.2498A



cd/klm

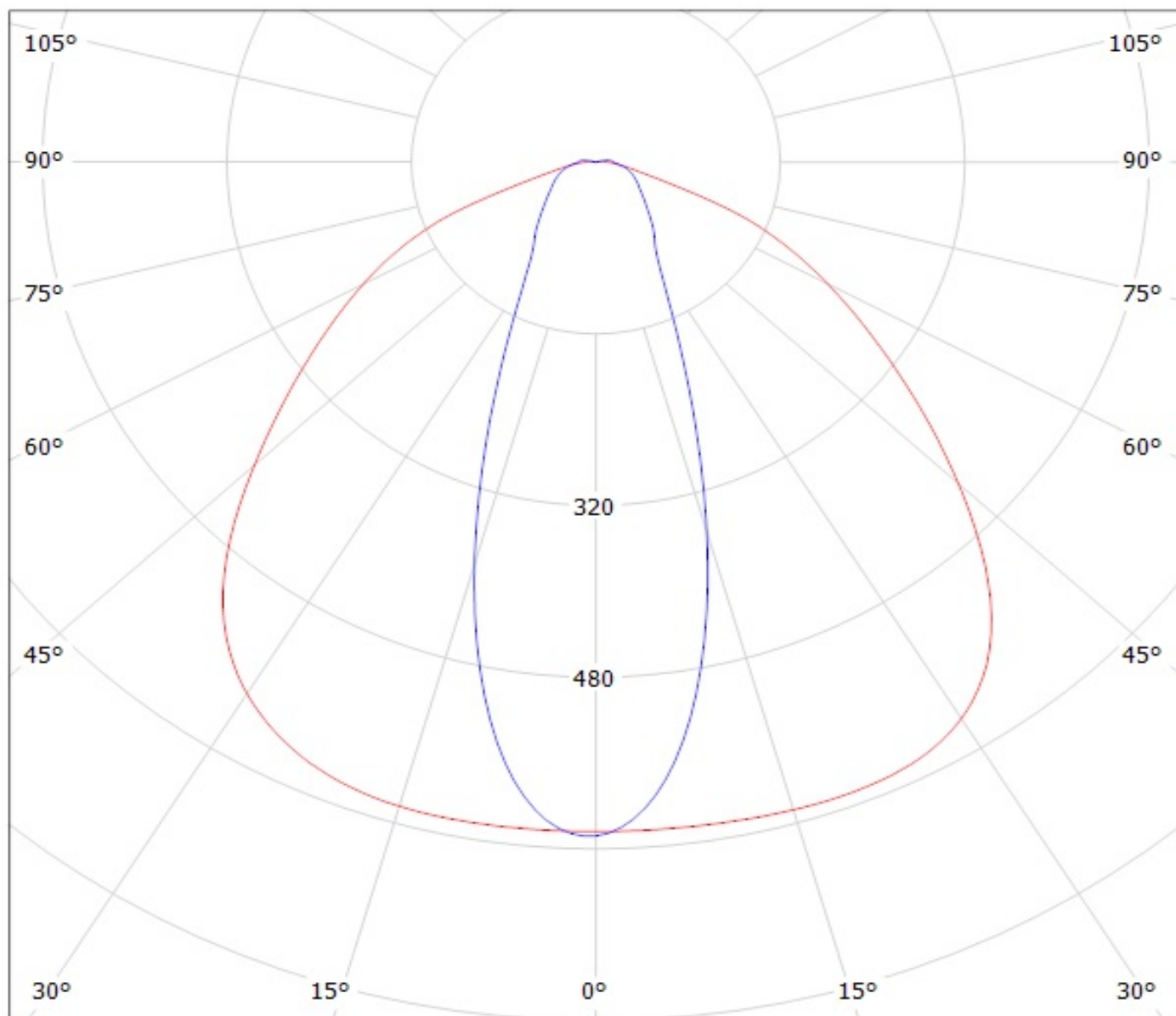
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XM-L2)

Lamps: 1 x Cree_XM-L2_(XMLBWT-00-0000-000LT30E7)_1173.92lm@250mA_P=8.28212W_I=0.2498A



cd/klm

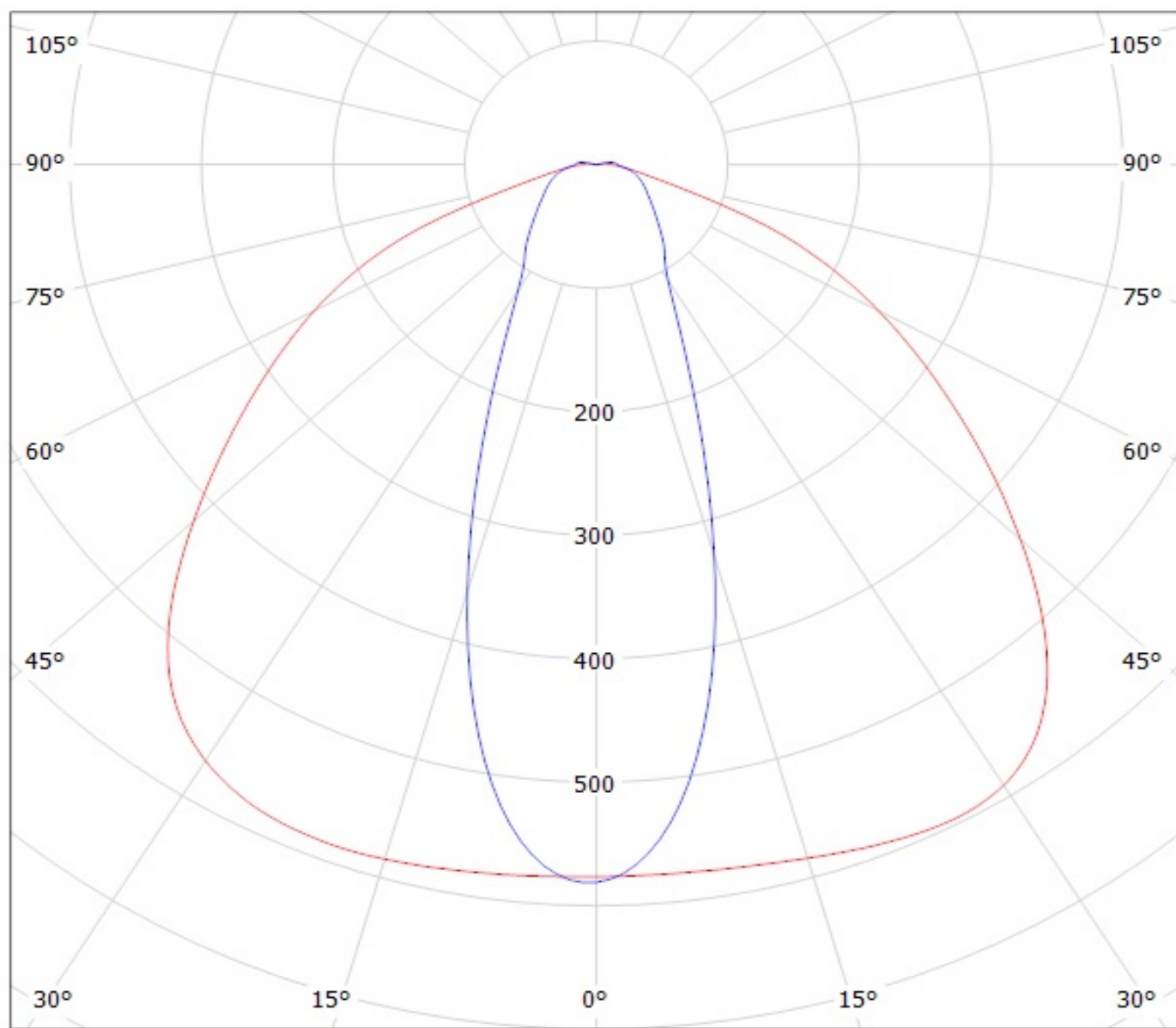
$\eta = 91\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CS14597_HB-IP-2X6-O_(XP-L)

Lamps: 1 x Cree_XP-L_2x6_1243.45lm@250mA_P=8.25764W_I=0.2498A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

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.