

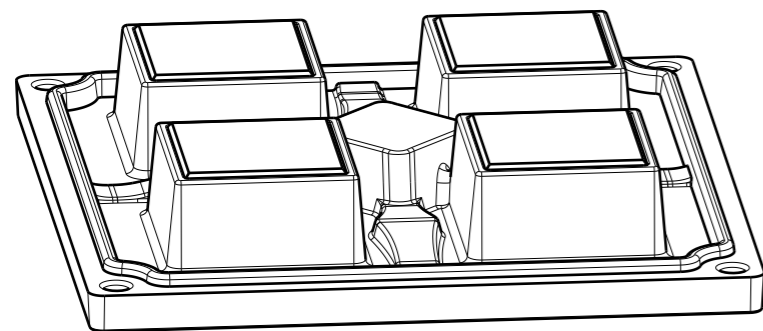
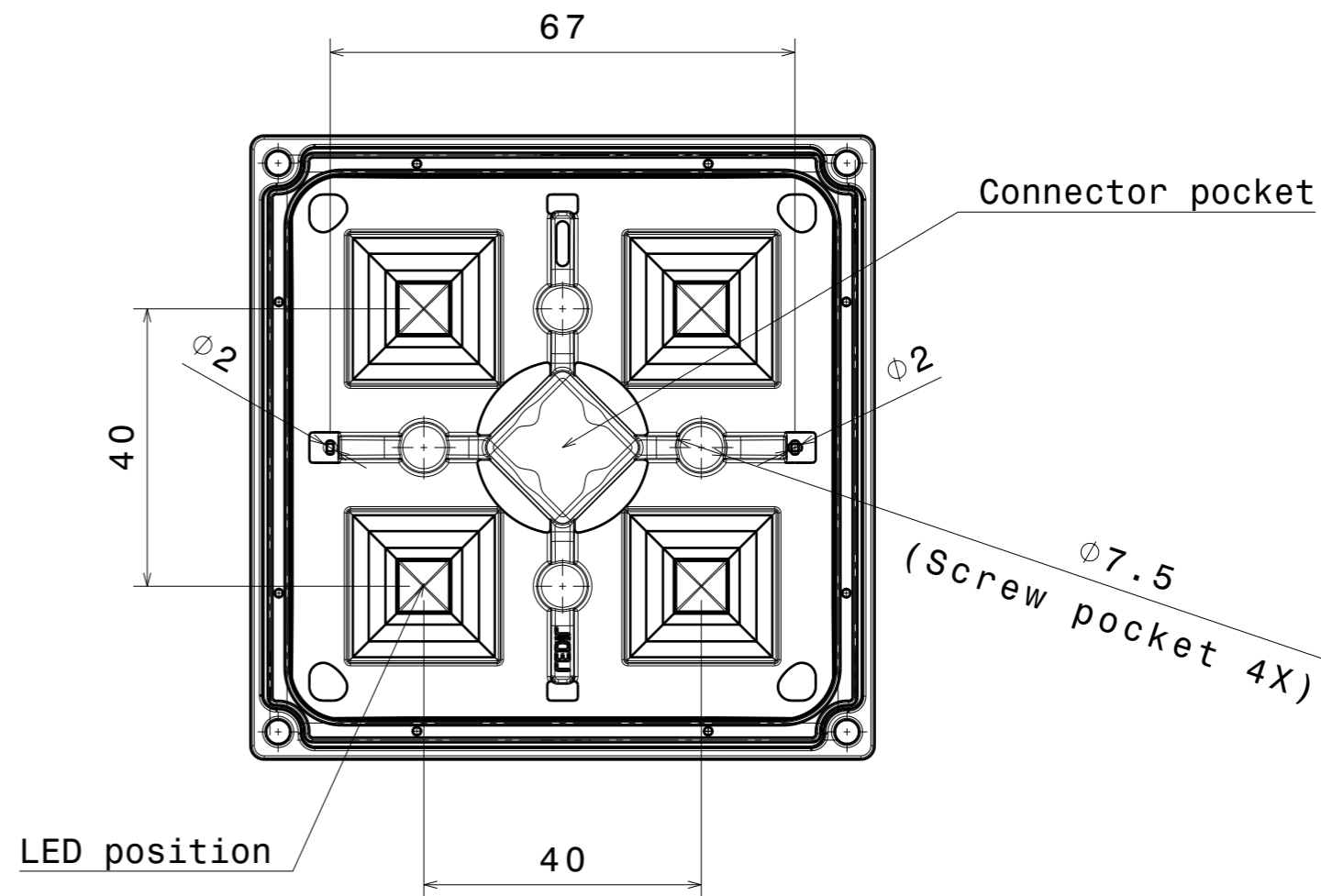
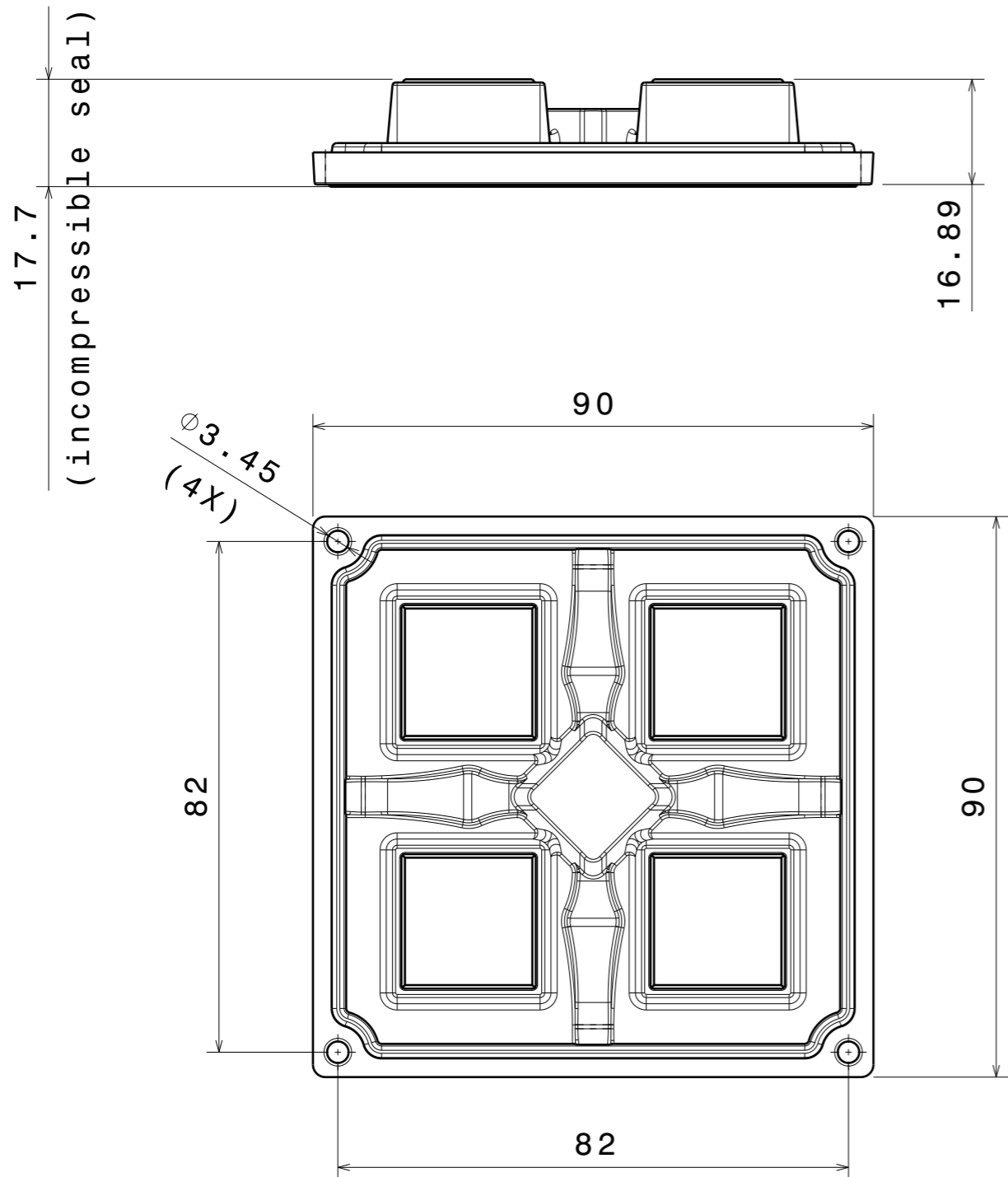
DETAILS

Product Number	CS14713_HB-2X2MX-W
Family	HighBay
Type	Assembly
Color	clear
Diameter	90x90 mm
Height	15,35 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	18/05/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
PSL440	45 deg	Wide	91 %	1.300	-
PSL445	54 deg	Wide	93 %	0.960	-
XHP70	56 deg	Wide	91 %	0.900	-
XHP35 HD	45 deg	Wide	93 %	1.100	-
XHP50	49 deg	Wide	92 %	1.100	-
LUXEON M/MX	50 deg	Wide	93 %	1.100	-
LUXEON XR-M square 2x2	50 deg	Wide	93 %	1.100	-
LUXEON MZ	39 deg	Wide	90 %	1.500	-
NV4x144A	55 deg	Wide	93 %	0.960	-
NFMW48xA	sim: 46	Wide	sim: 90 %	sim: 1.290	-
Duris S10	sim: 57	Wide	sim: 90 %	sim: 1.100	-
Duris P10	sim: 50	Wide	sim: 83 %	sim: 0.919	-



Isometric view (1:1)

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14631	STRADA-2X2MX-SEAL	silicone	
2	C14695	HB-2X2MX-W	PMMA	

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 Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

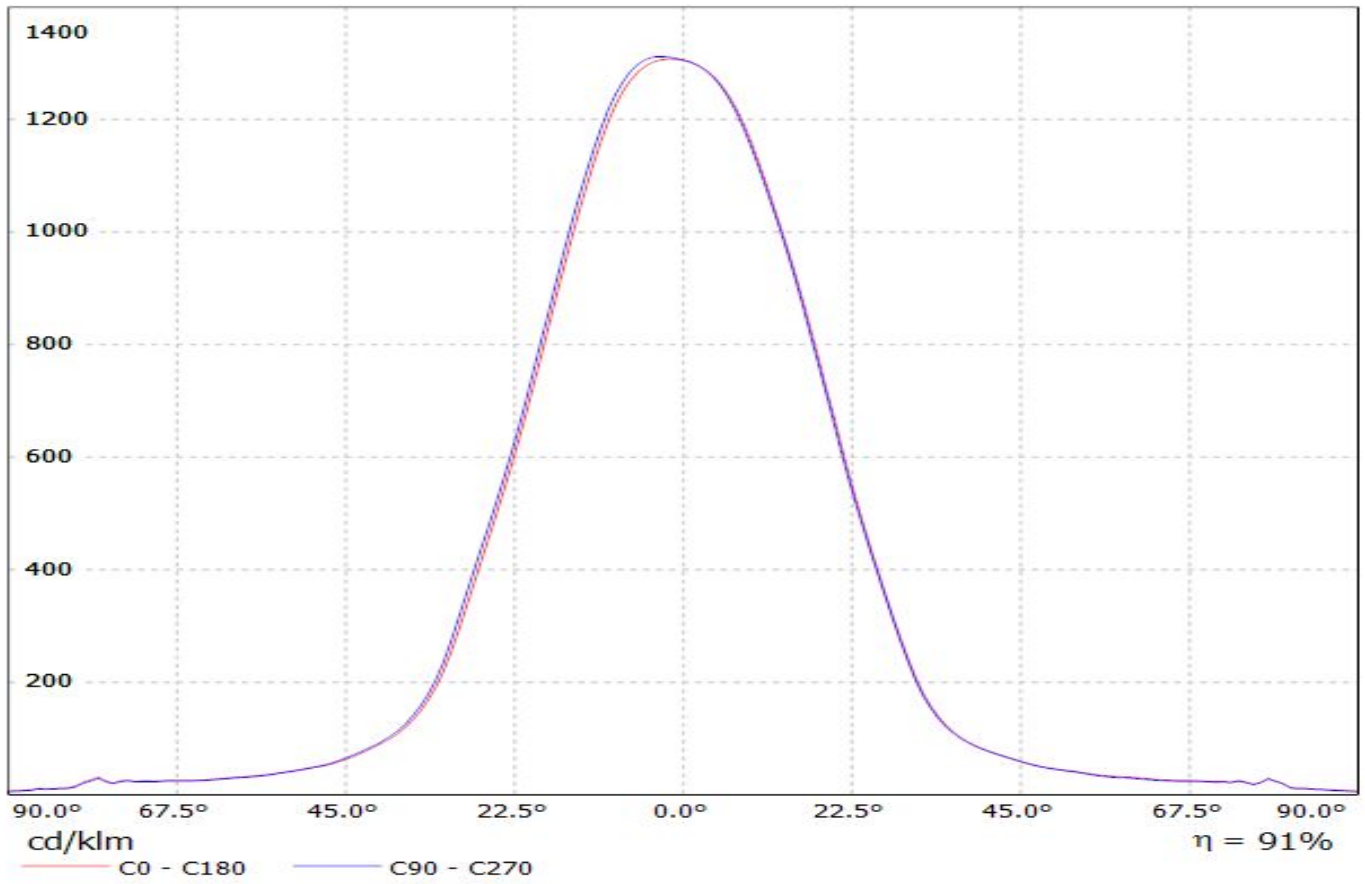
DRAWING TITLE
CS14713_HB-2X2MX-W

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SIZE	PART NUMBER		
A3	CS14713		

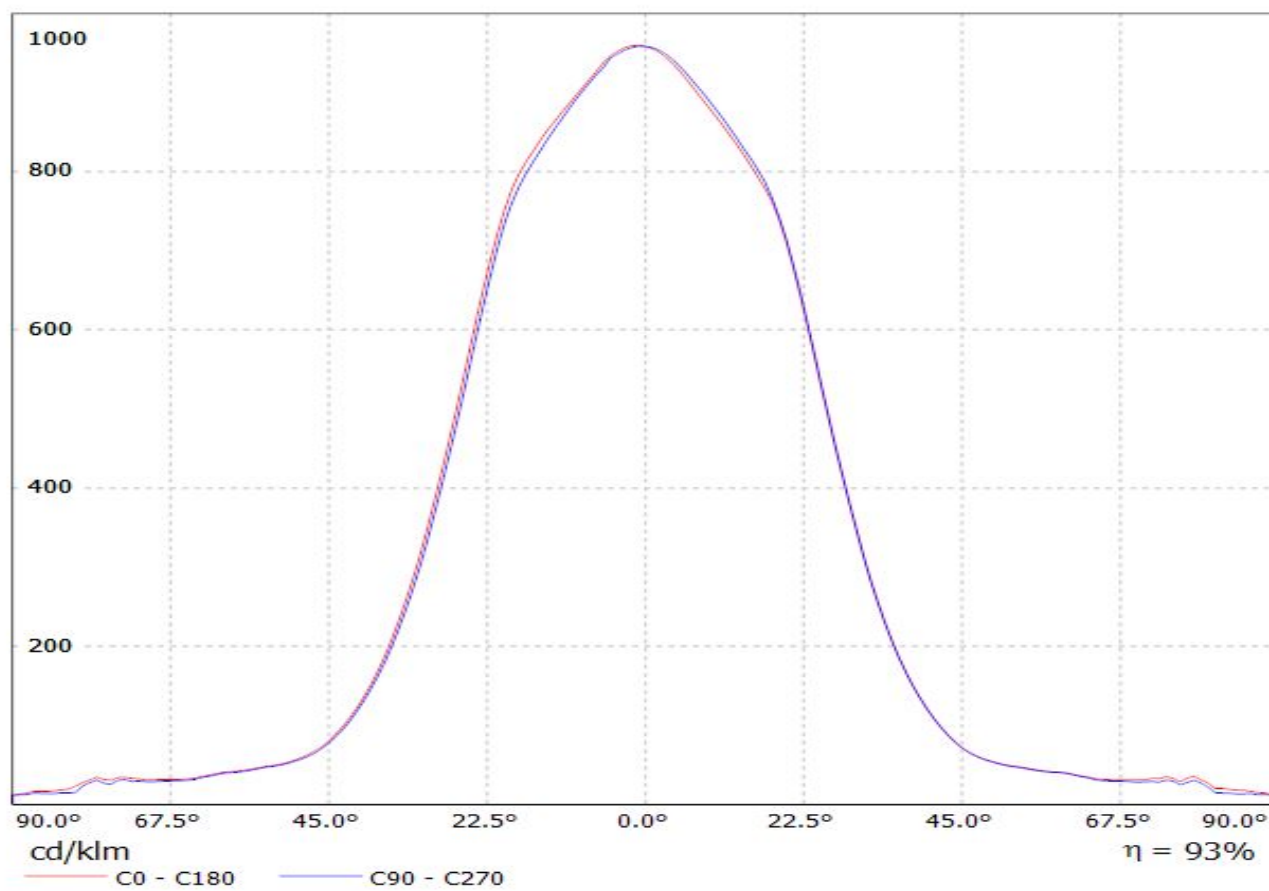
SCALE	1:1	WEIGHT	49.9 g	SHEET	1/1
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Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(PSL440)_GS
Lamps: 1 x Citizen_PSL440_1034.87lm@250mA_P=11.3823W_I=0.250A



Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(PSL445)

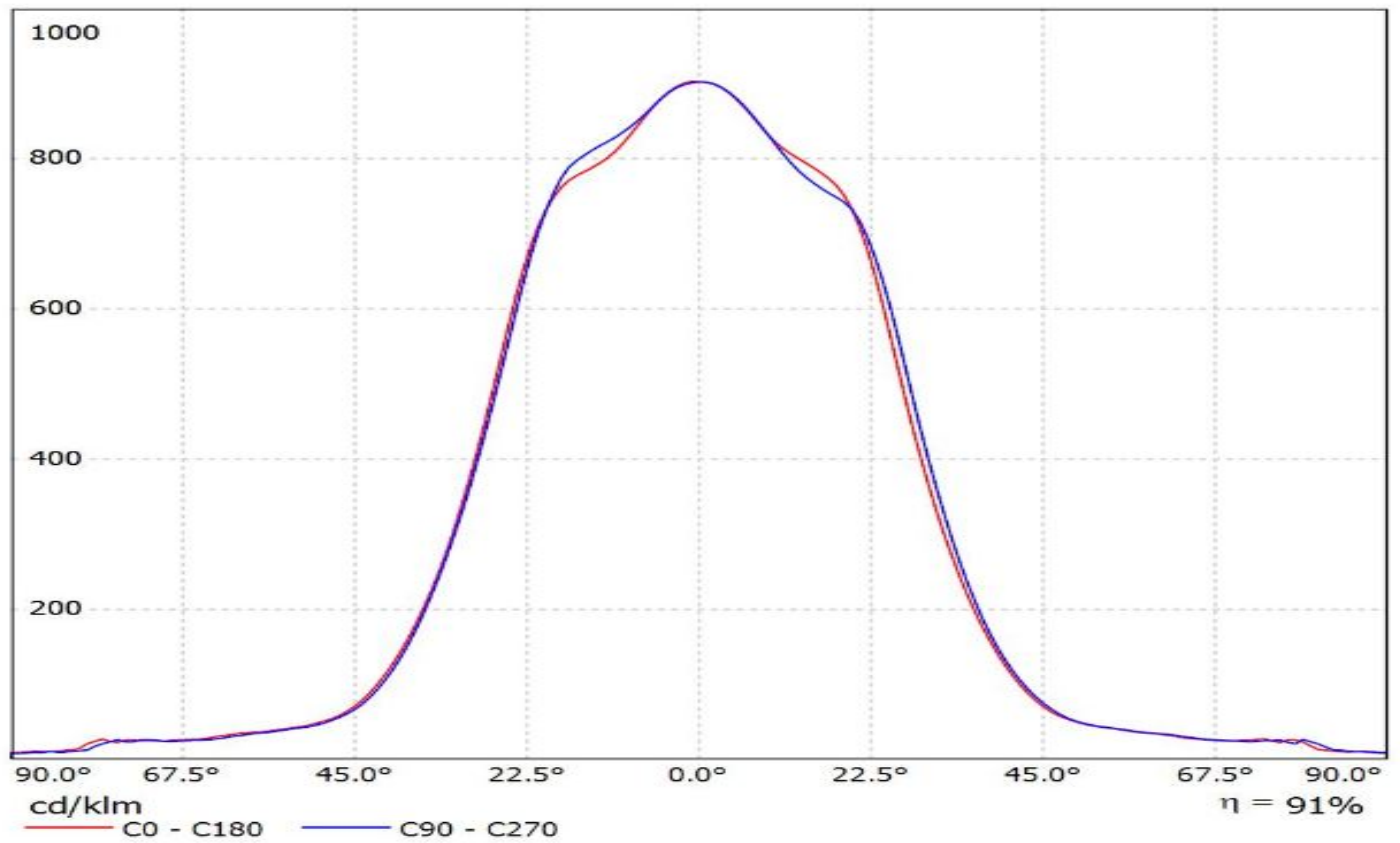
Lamps: 1 x Citizen_PSL445_2x2_1674.9lm@250mA_P=11.1421W_I=0.250A_CCT=2700K



Ledil CS14713_HB-2x2MX-W_(XHP70) / LDC (Linear)

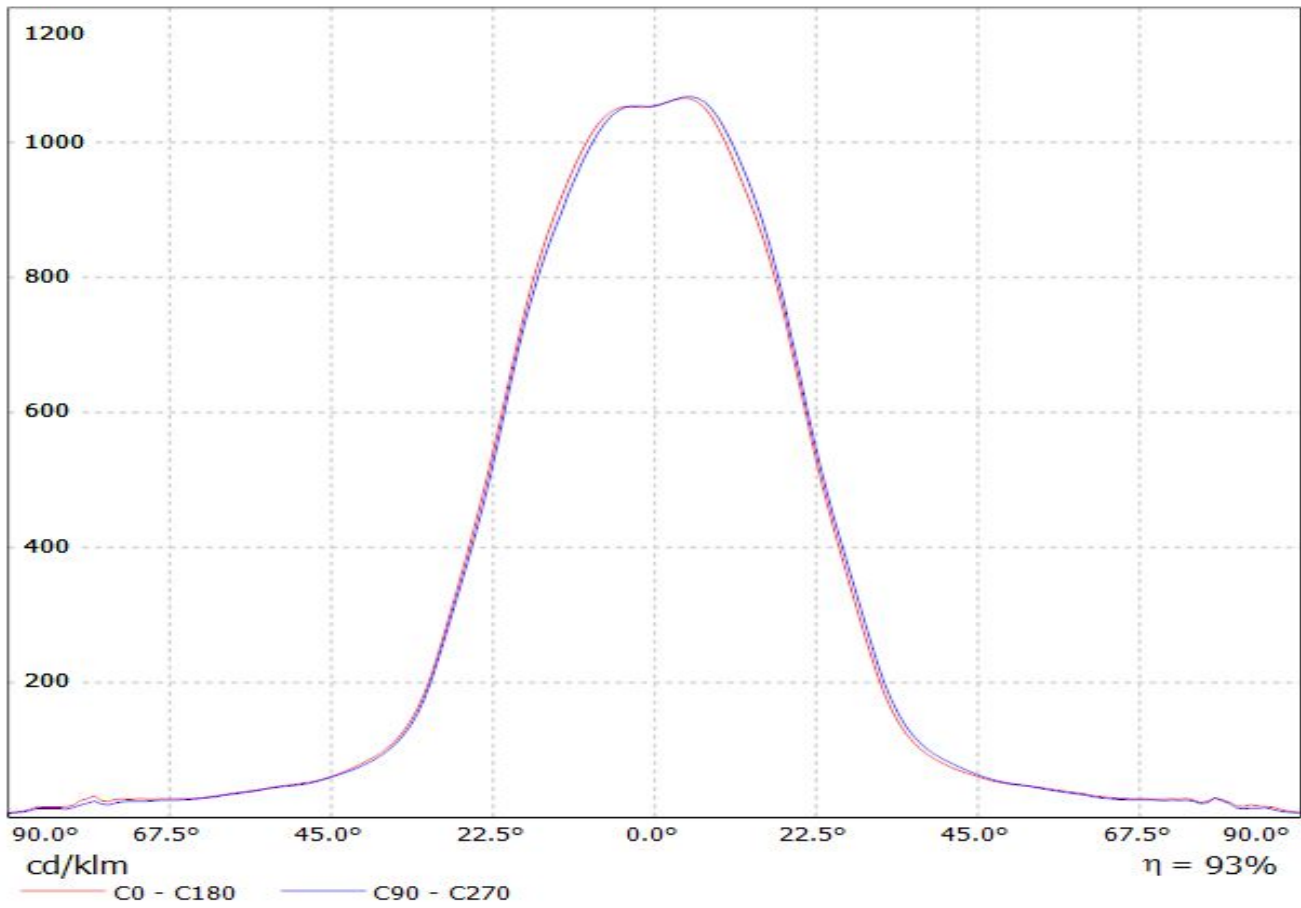
Luminaire: Ledil CS14713_HB-2x2MX-W_(XHP70)

Lamps: 1 x Cree_XHP70-2x2MX_1527.15lm@250mA_P=10.997W_I=0.25A

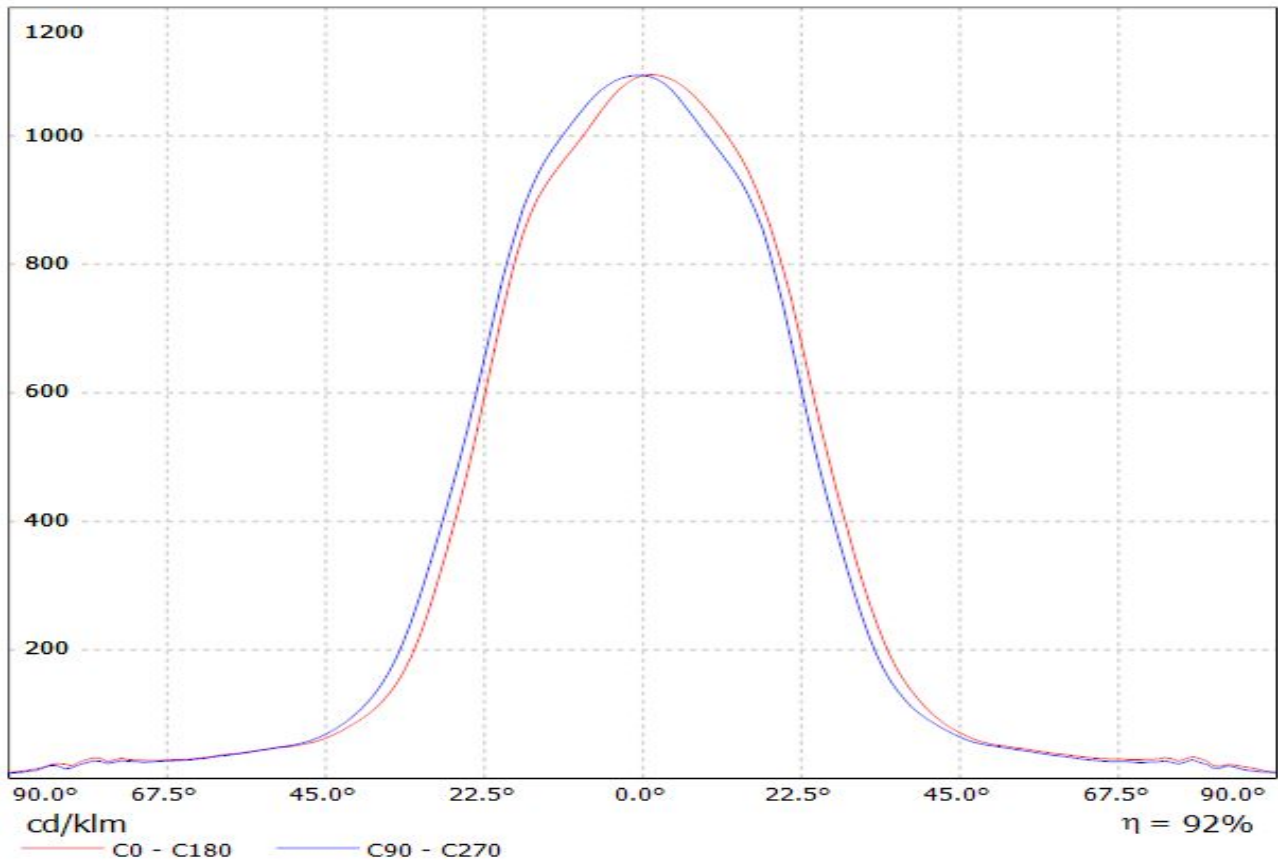


Luminaire: LEDiL Oy CS14713HB-2X2MX-W_(XHP35_HD)

Lamps: 1 x Cree_XHP35_HD_(XHP35A-0-2D0-D40-D0-B-01)_1728.98lm@250mA_P=11.3112W_I=0.250A

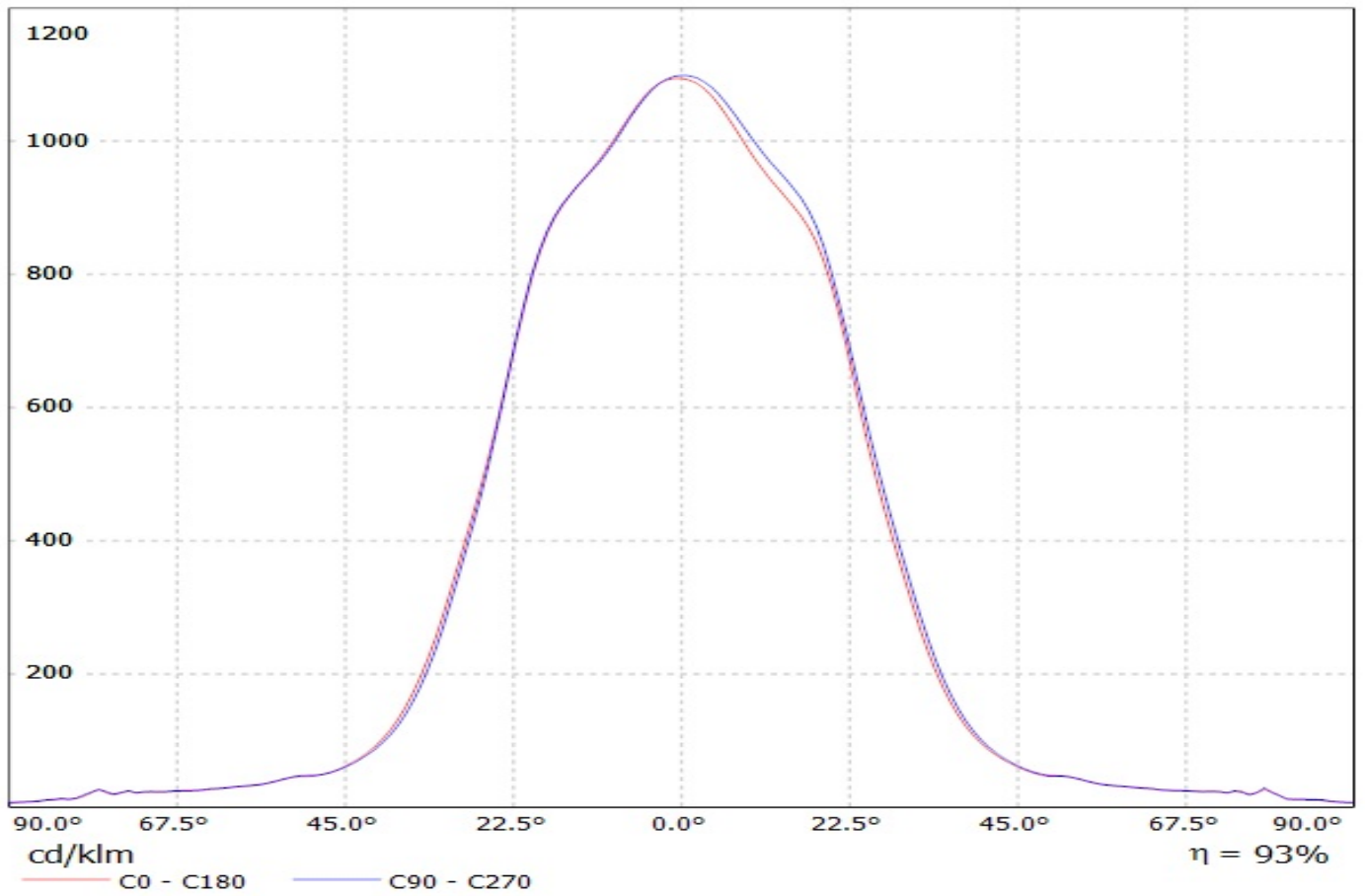


Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(XHP50)
Lamps: 1 x Cree_XHP50_(XHP50-0-1B0-J20-D0-B-01)_1815.51lm@250mA_P=11.4658W_I=0.250A



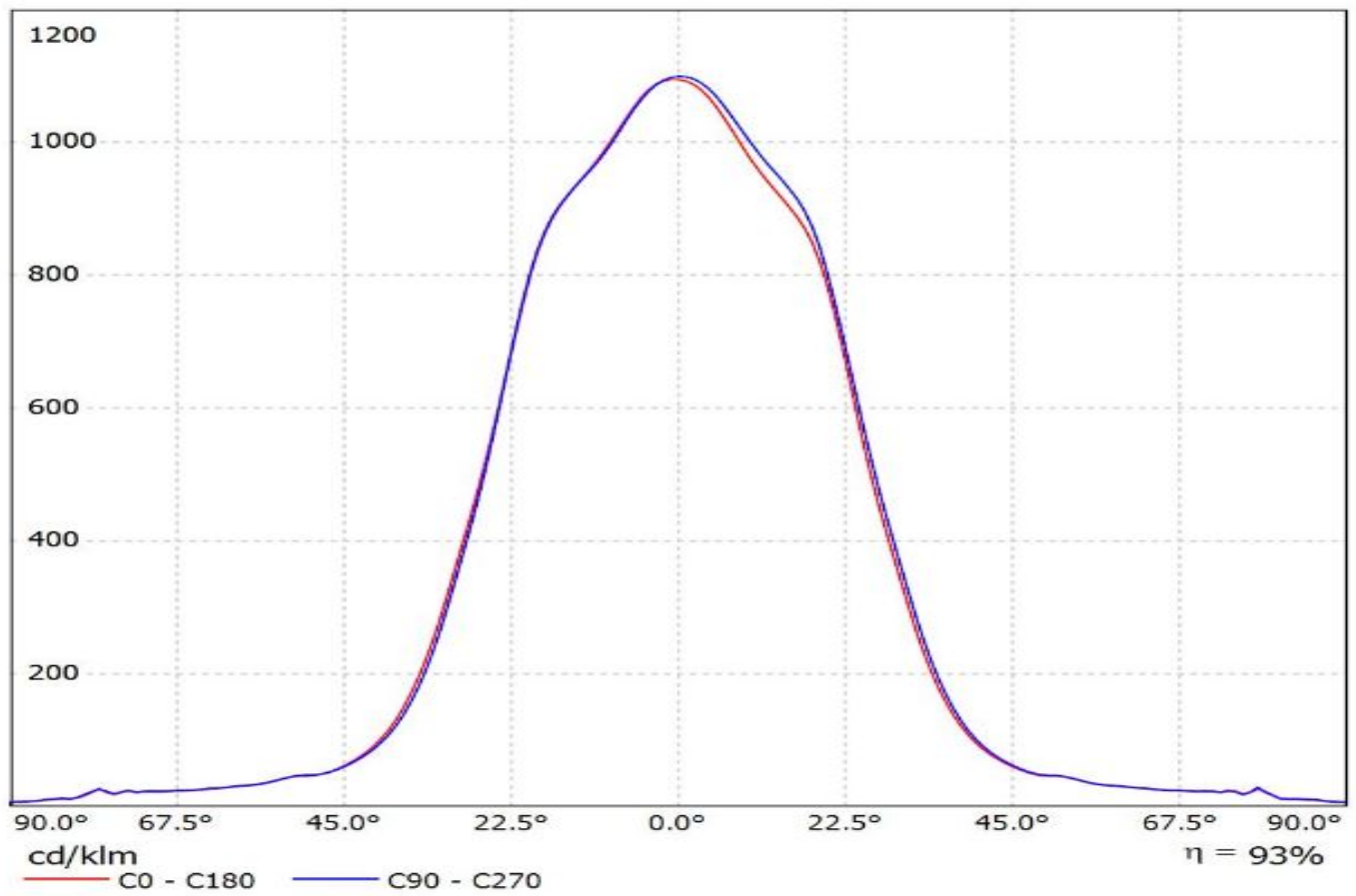
Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(Luxeon_M)

Lamps: 1 x Luxeon_M_(LXM8-SW30)_(2x2MX)_1410.8lm@250mA_P=11.0012W_I=0.2498A



Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(XR-M_2x2)

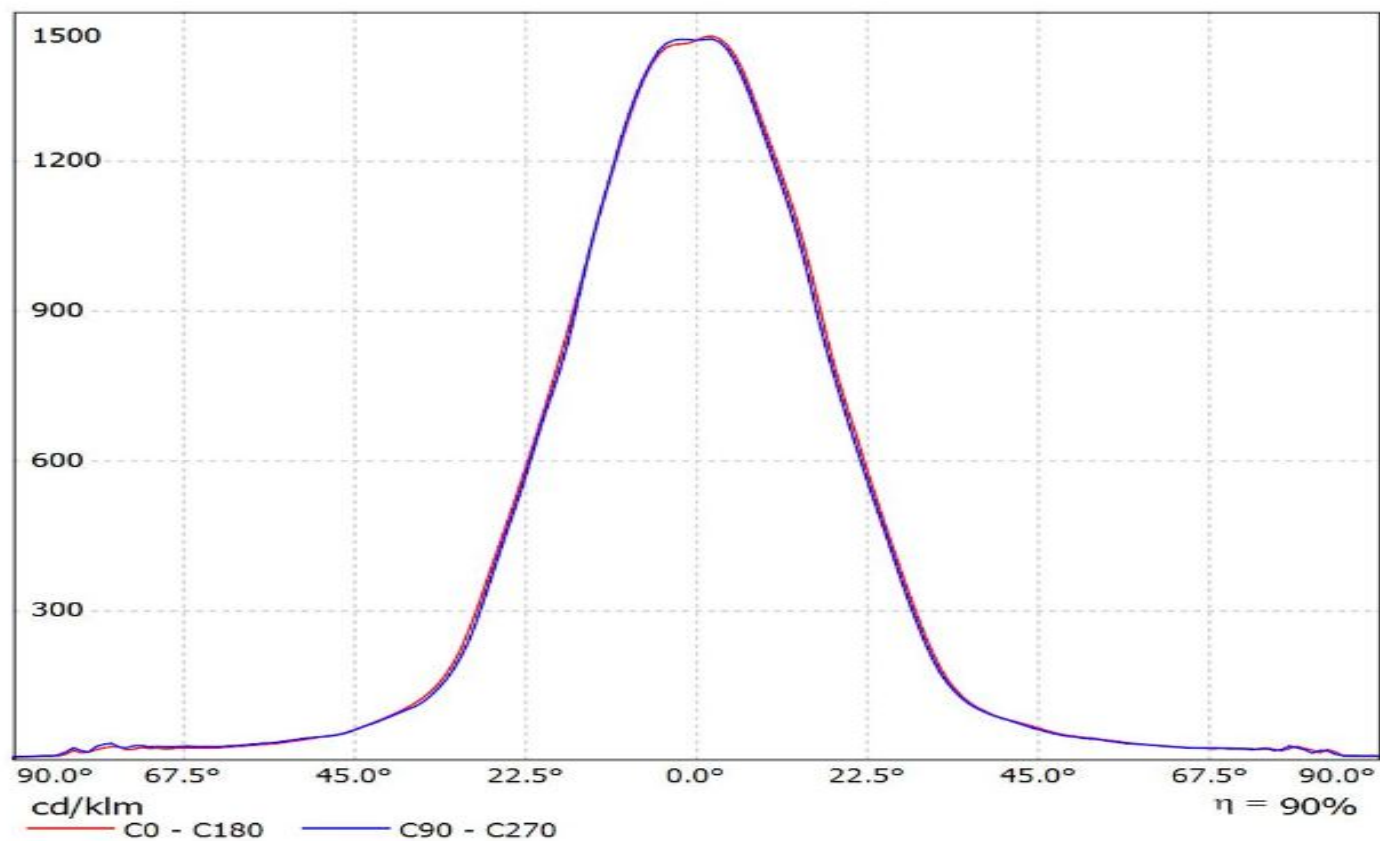
Lamps: 1 x Lumileds_XR-M_2x2_1410.8lm@250mA_P=11.0012W_I=0.2498A



Ledil CS14713_HB-2x2MX-W_(Luxeon_MZ) / LDC (Linear)

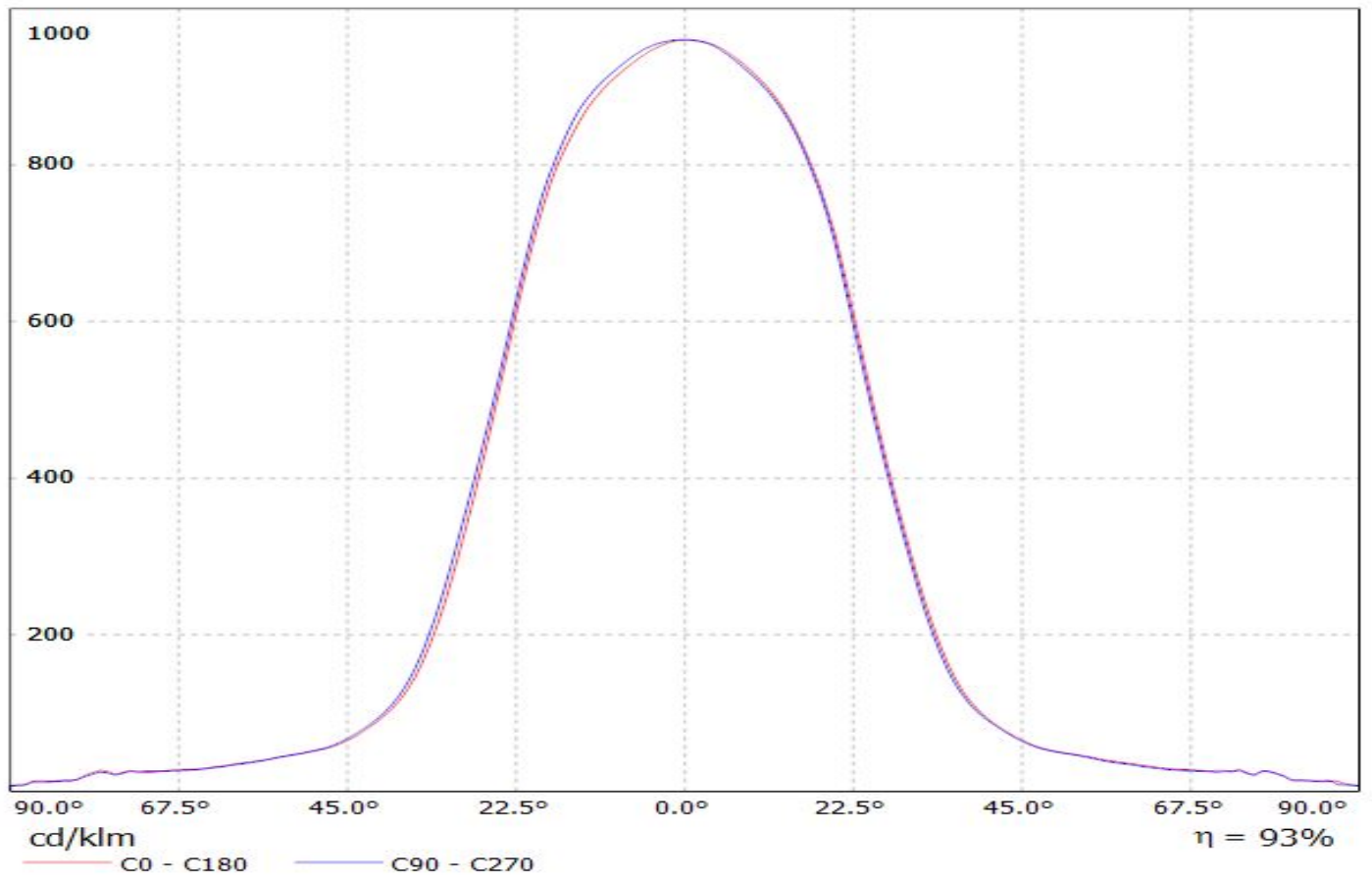
Luminaire: Ledil CS14713_HB-2x2MX-W_(Luxeon_MZ)

Lamps: 1 x Luxeon_MZ-2x2MX_(LMZ9-SW30)_1123.93lm@250mA_CCT=3000K_P=10.967W_I=0.25A

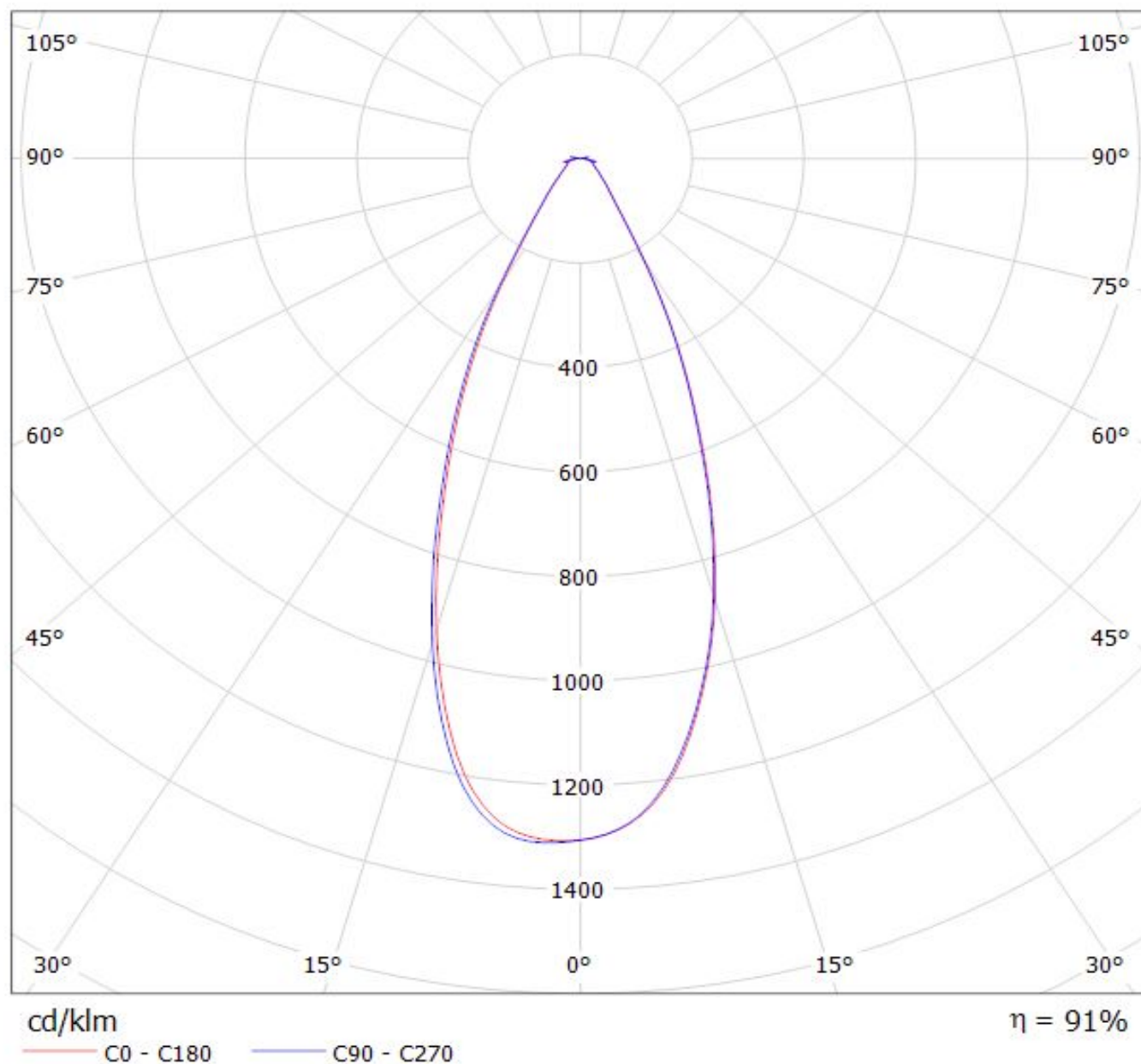


Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(NV4x144A)

Lamps: 1 x Nichia_NV4x144A_1841.22lm@250mA_P=10.9615W_I=0.250A

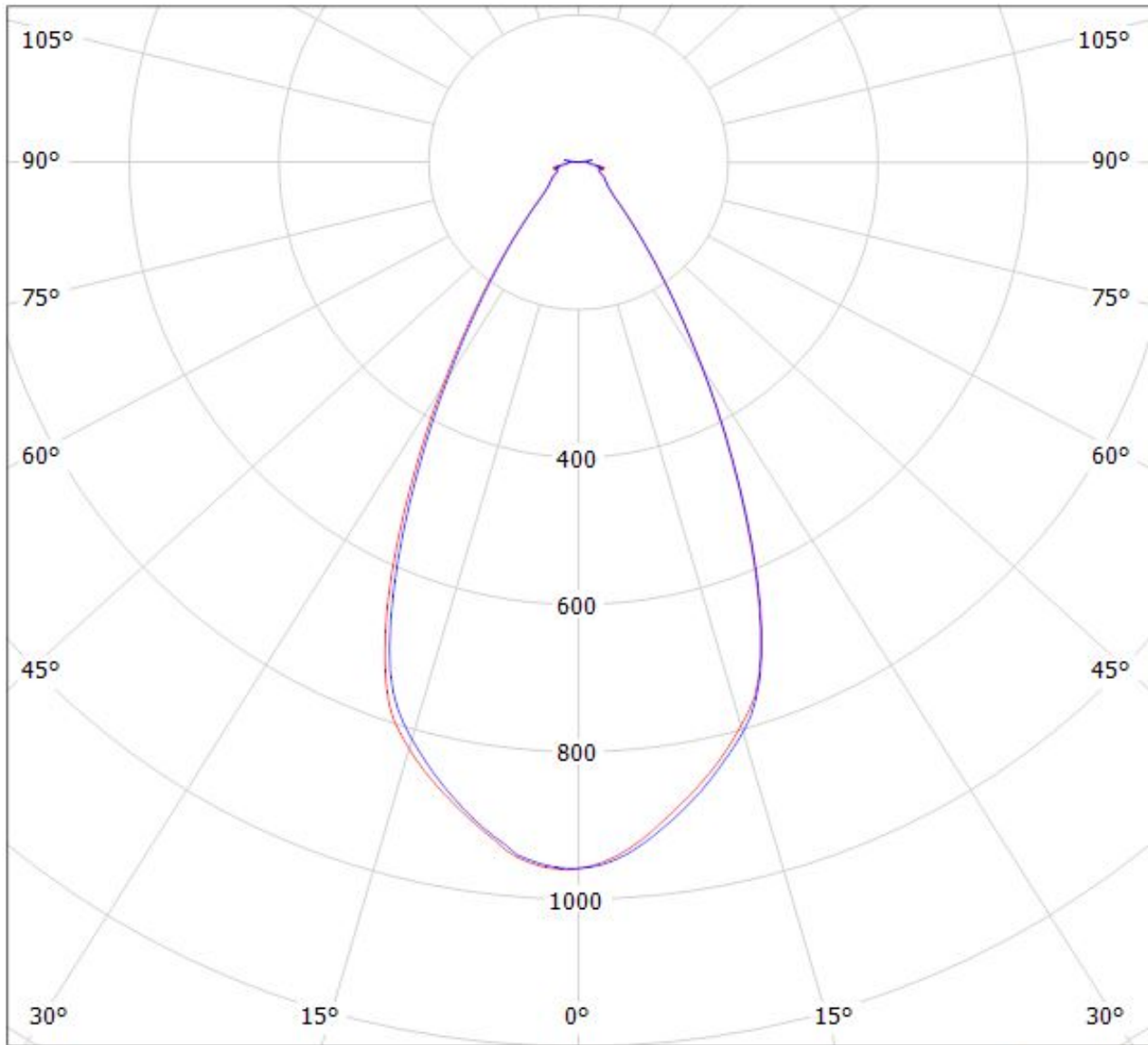


Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(PSL440)_GS
Lamps: 1 x Citizen_PSL440_1034.87lm@250mA_P=11.3823W_I=0.250A



Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(PSL445)

Lamps: 1 x Citizen_PSL445_2x2_1674.9lm@250mA_P=11.1421W_I=0.250A_CCT=2700K



cd/klm

— C0 - C180

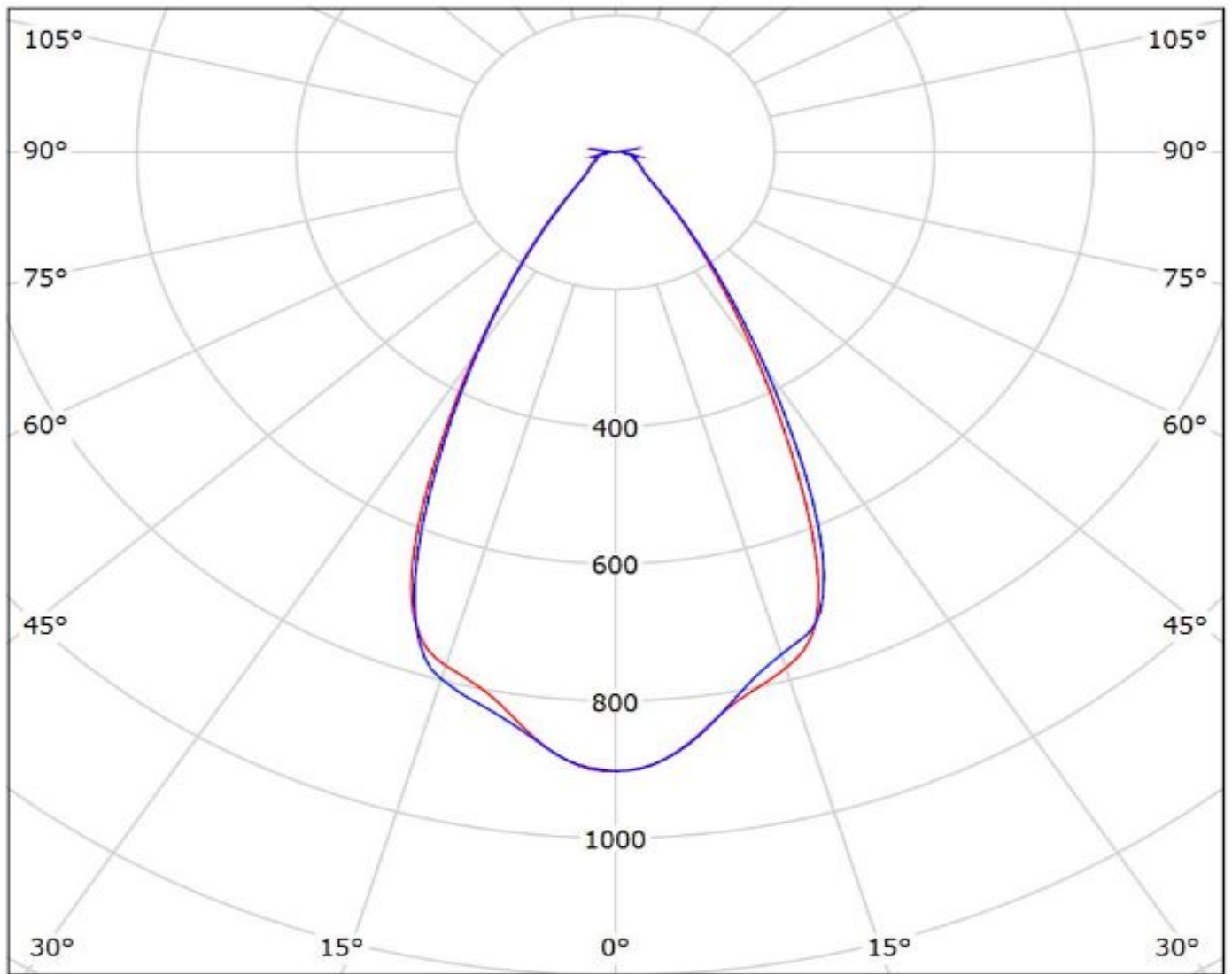
— C90 - C270

$\eta = 93\%$

Ledil CS14713_HB-2x2MX-W_(XHP70) / LDC (Polar)

Luminaire: Ledil CS14713_HB-2x2MX-W_(XHP70)

Lamps: 1 x Cree_XHP70-2x2MX_1527.15lm@250mA_P=10.997W_I=0.25A



cd/klm

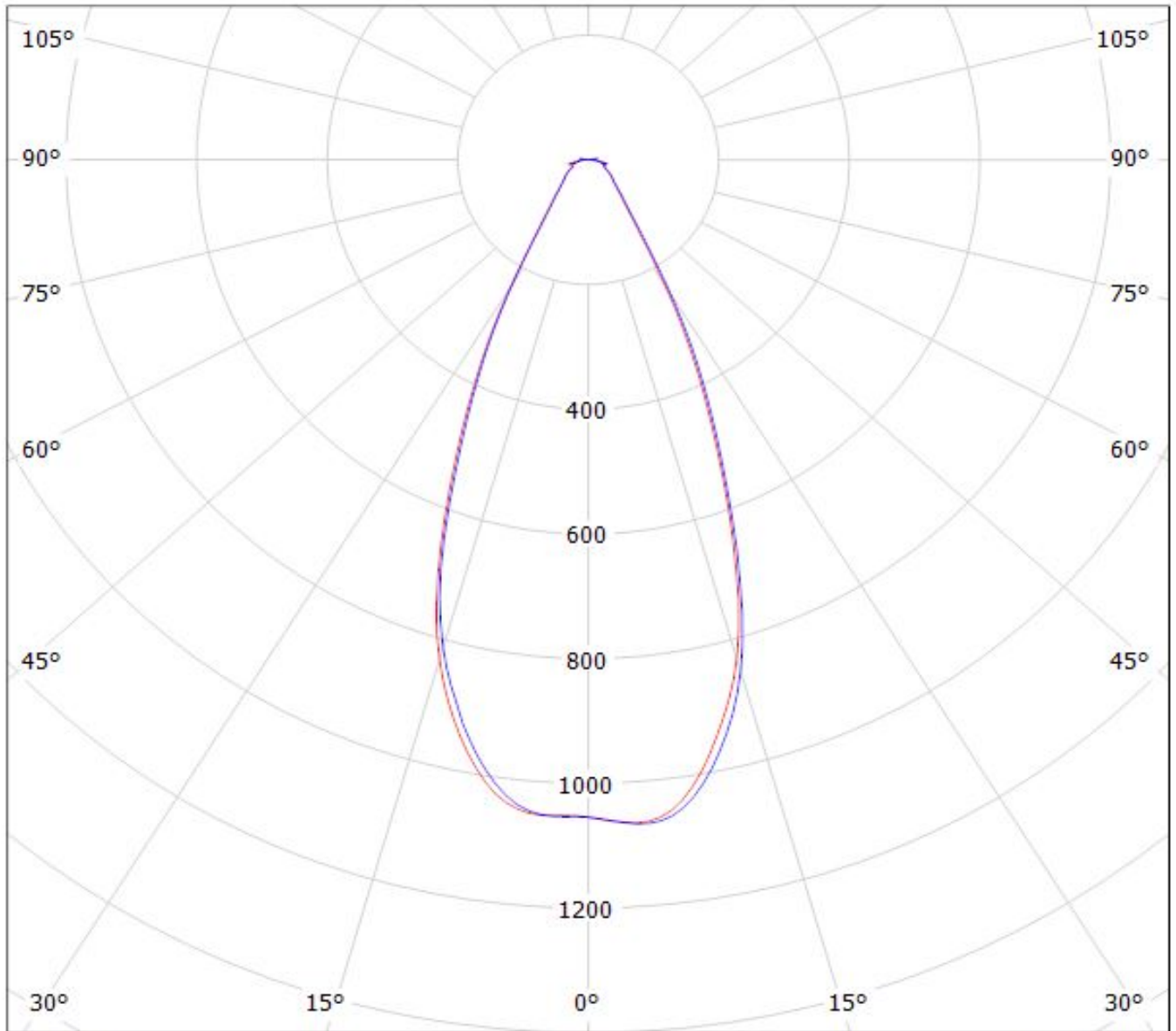
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CS14713HB-2X2MX-W_(XHP35_HD)

Lamps: 1 x Cree_XHP35_HD_(XHP35A-0-2D0-D40-D0-B-01)_1728.98lm@250mA_P=11.3112W_I=0.250A



cd/klm

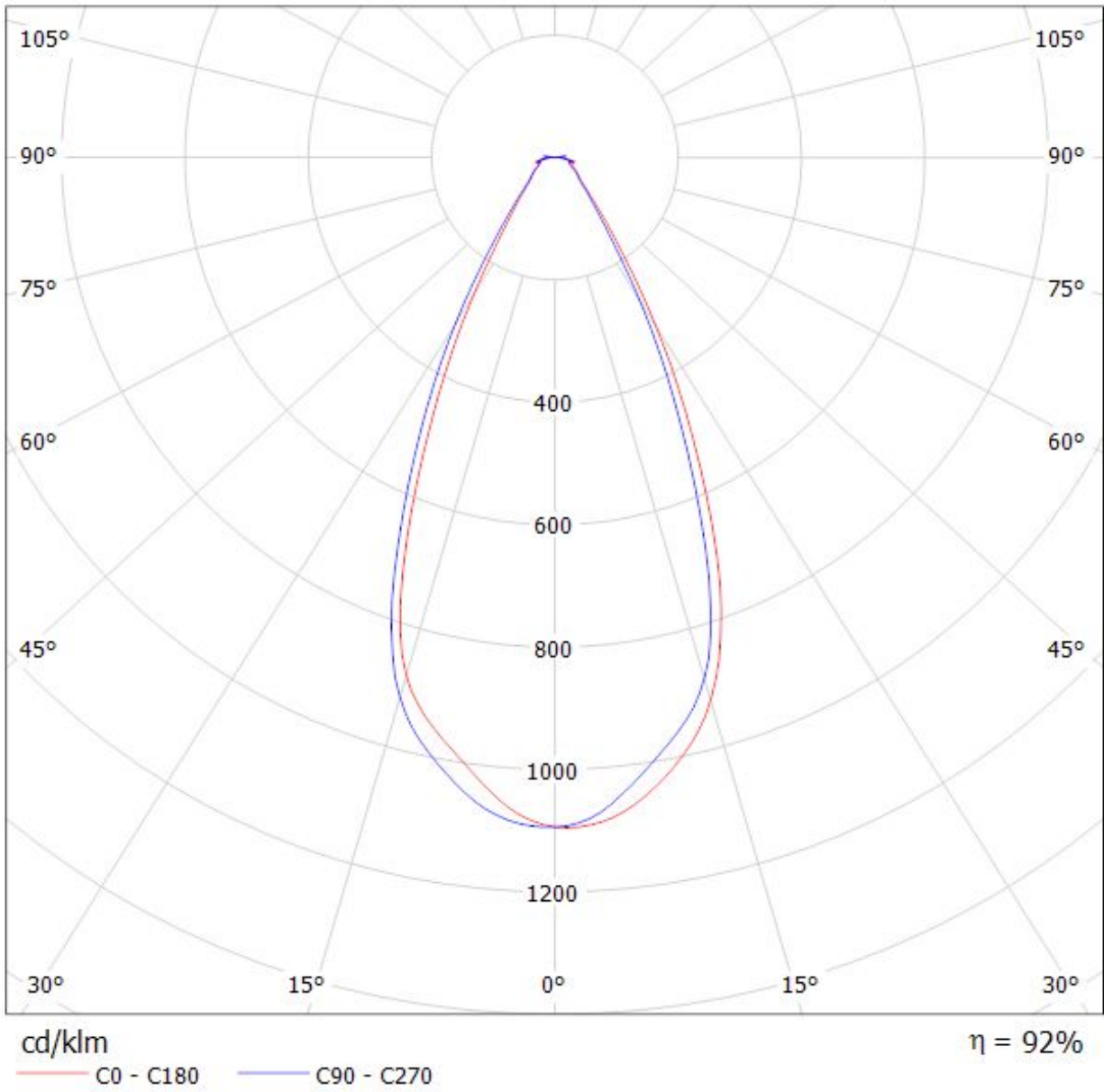
$\eta = 93\%$

— C0 - C180

— C90 - C270

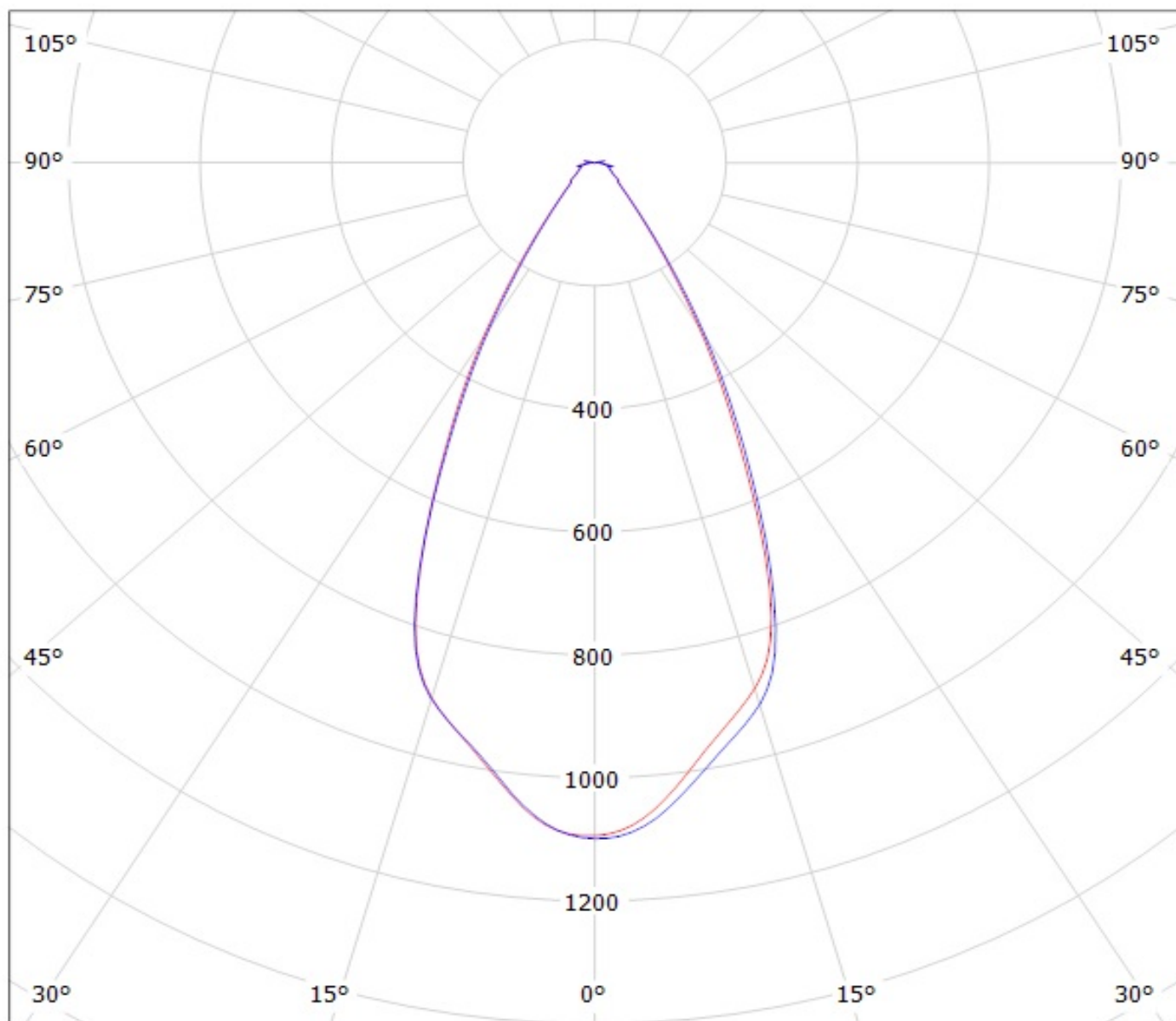
Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(XHP50)

Lamps: 1 x Cree_XHP50_(XHP50-0-1B0-J20-D0-B-01)_1815.51lm@250mA_P=11.4658W_I=0.250A



Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(Luxeon_M)

Lamps: 1 x Luxeon_M_(LXM8-SW30)_ (2x2MX)_ 1410.8lm@250mA_P=11.0012W_I=0.2498A



cd/klm

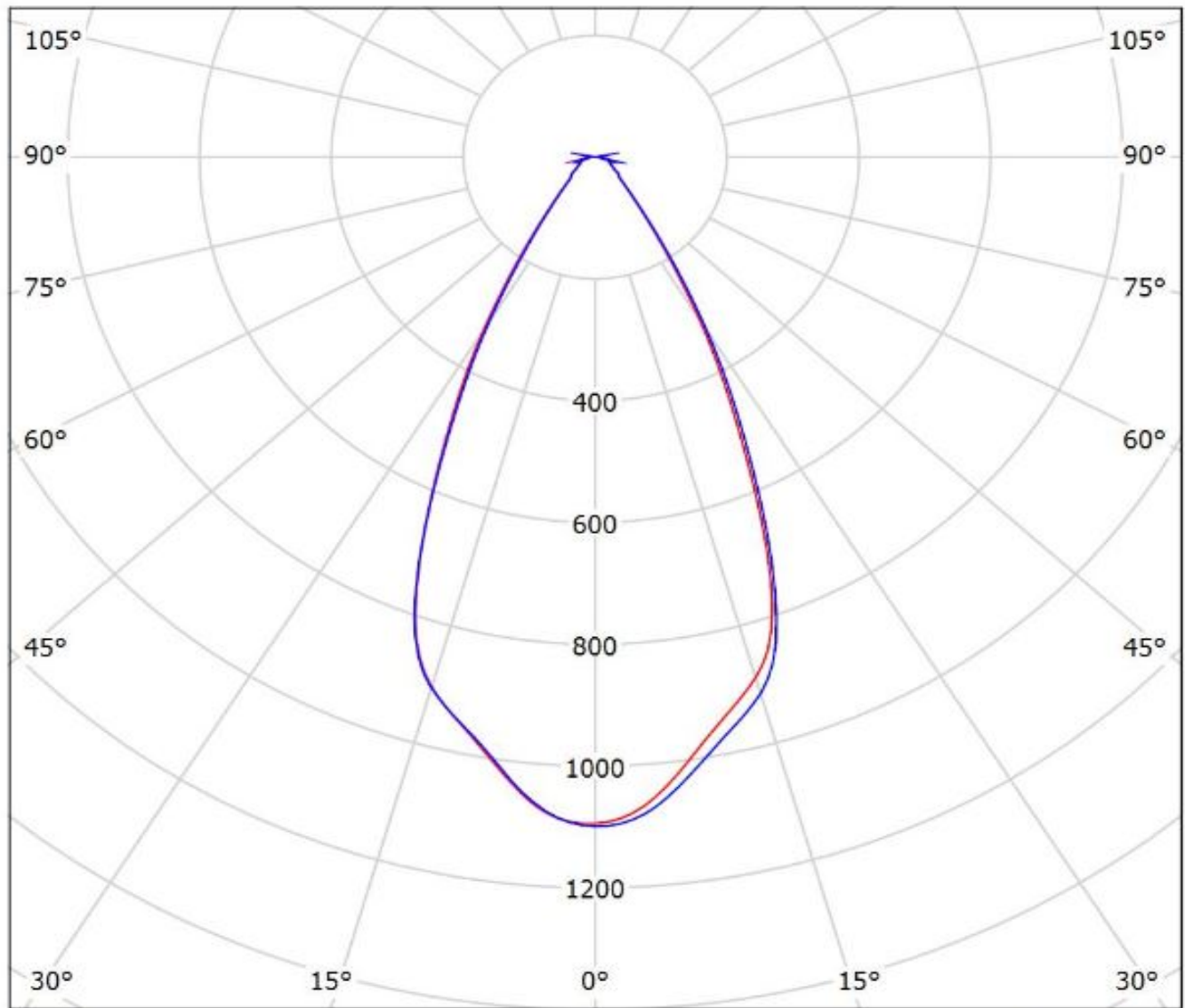
$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(XR-M_2x2)

Lamps: 1 x Lumileds_XR-M_2x2_1410.8lm@250mA_P=11.0012W_I=0.2498A



cd/klm

— C0 - C180

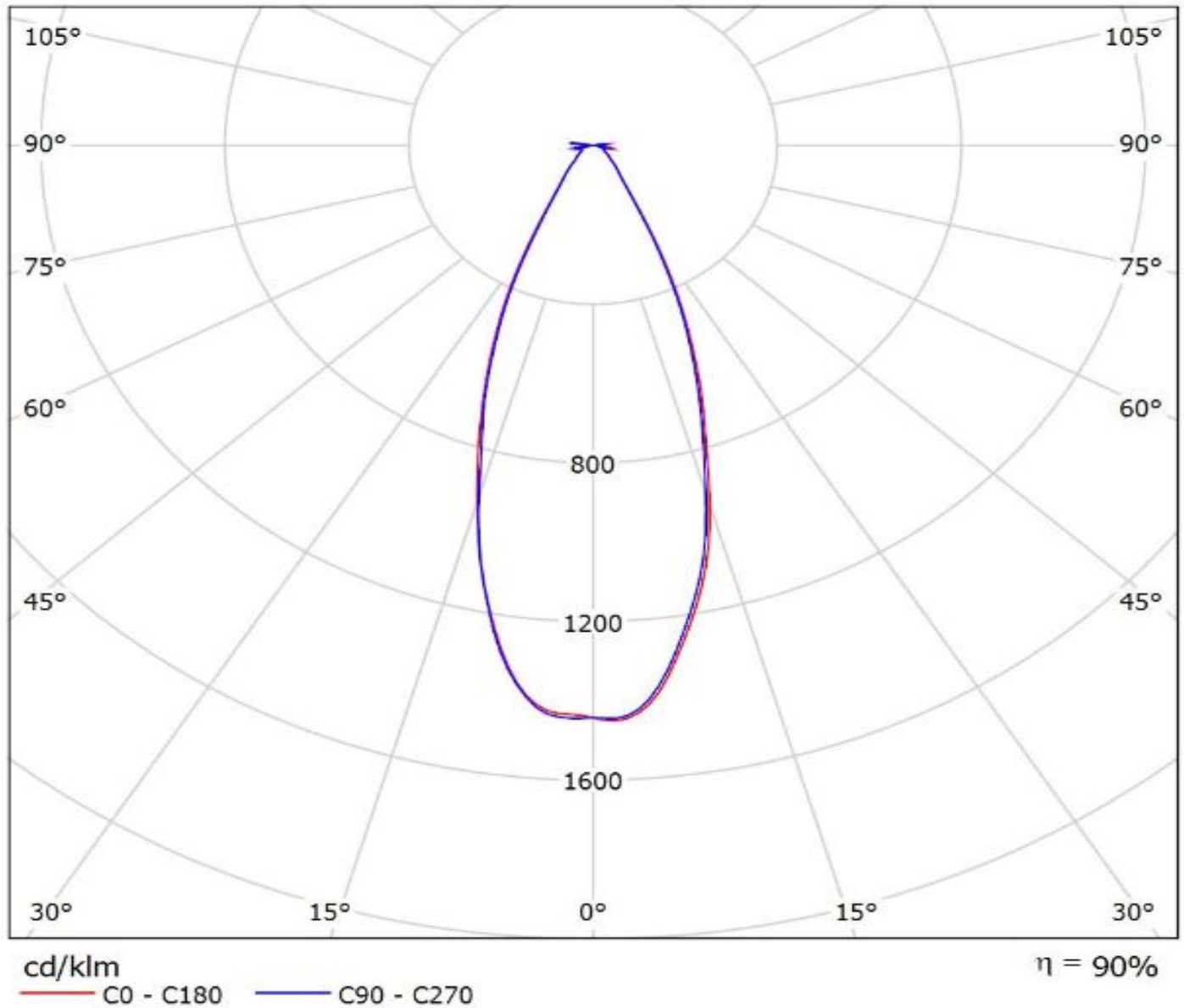
— C90 - C270

$\eta = 93\%$

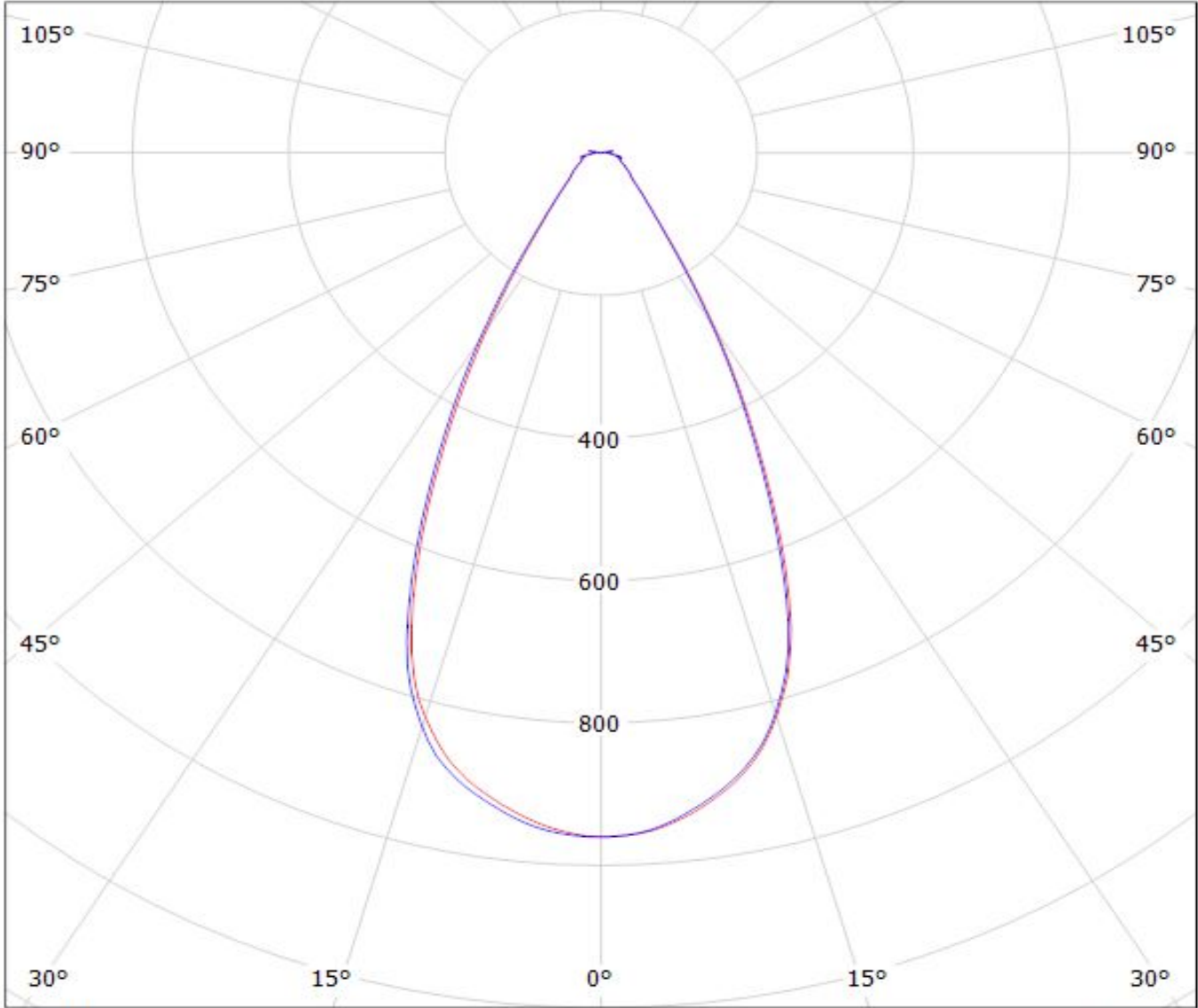
Ledil CS14713_HB-2x2MX-W_(Luxeon_MZ) / LDC (Polar)

Luminaire: Ledil CS14713_HB-2x2MX-W_(Luxeon_MZ)

Lamps: 1 x Luxeon_MZ-2x2MX_(LMZ9-SW30)_1123.93lm@250mA_CCT=3000K_P=10.967W_I=0.25A



Luminaire: LEDiL Oy CS14713_HB-2X2MX-W_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_1841.22lm@250mA_P=10.9615W_I=0.250A

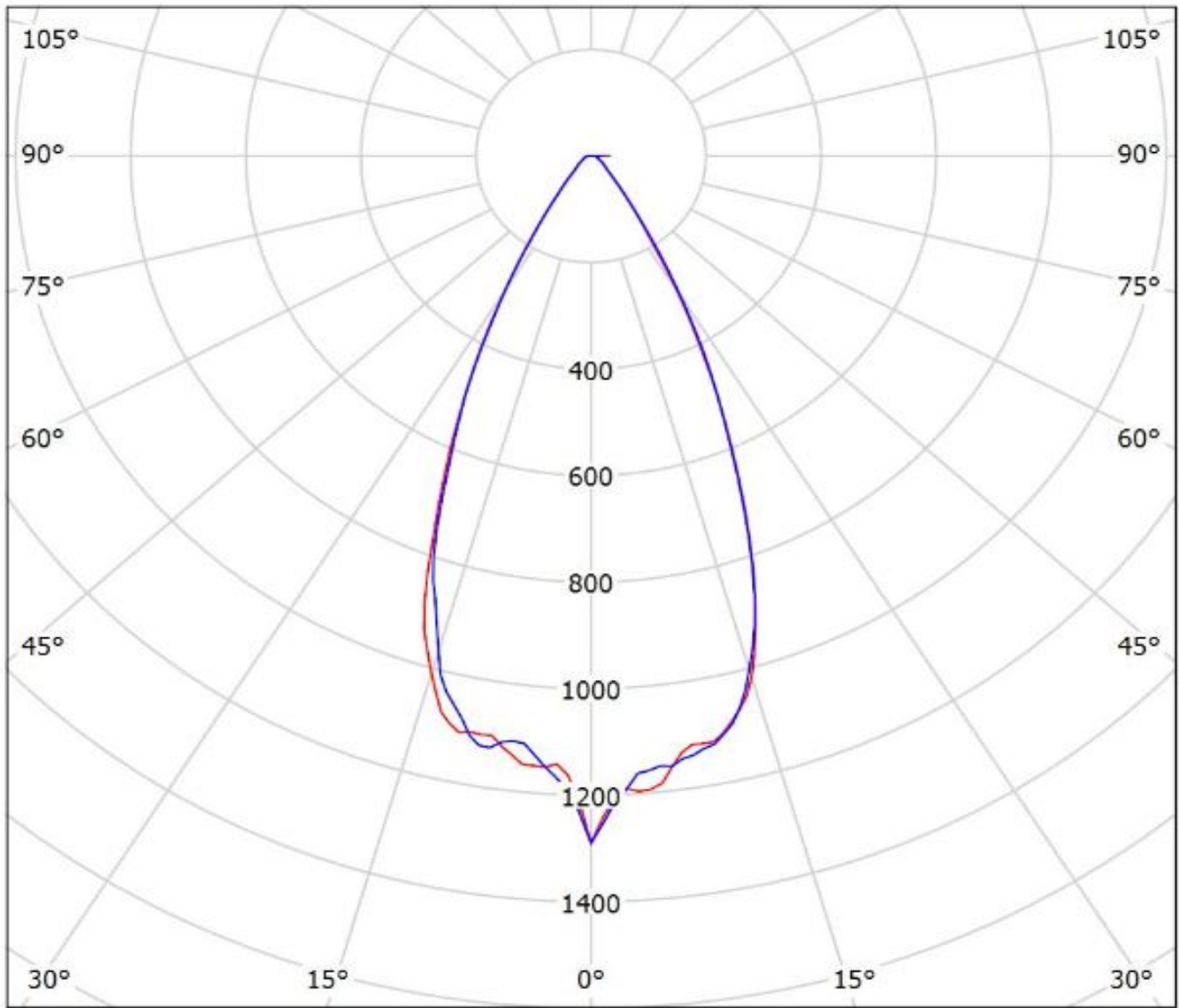


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy CS14713_HB-2X2MX-W_NFMW488AR_SIMULATED
Lamps: 1 x NICHIA NFMW488AR



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.