Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

PRODUCT DATASHEET
HighBay series
last update 31/5/2017

DETAILS

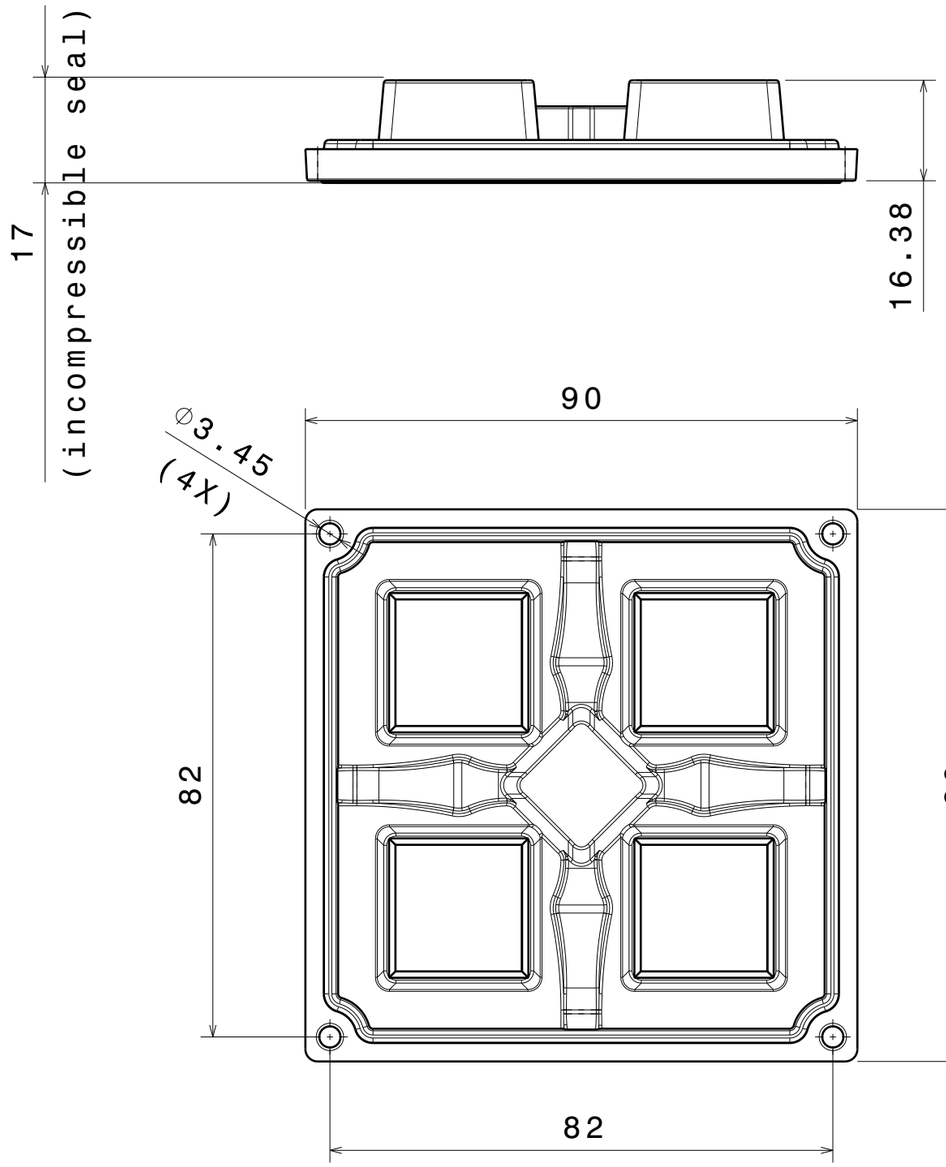
Product Number	CS14839_HB-2X2MX-WWW
Family	HighBay
Type	Assembly
Color	clear
Diameter	90x90 mm
Height	16,38 mm
Style	square
Optic Material	
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	31/05/2017

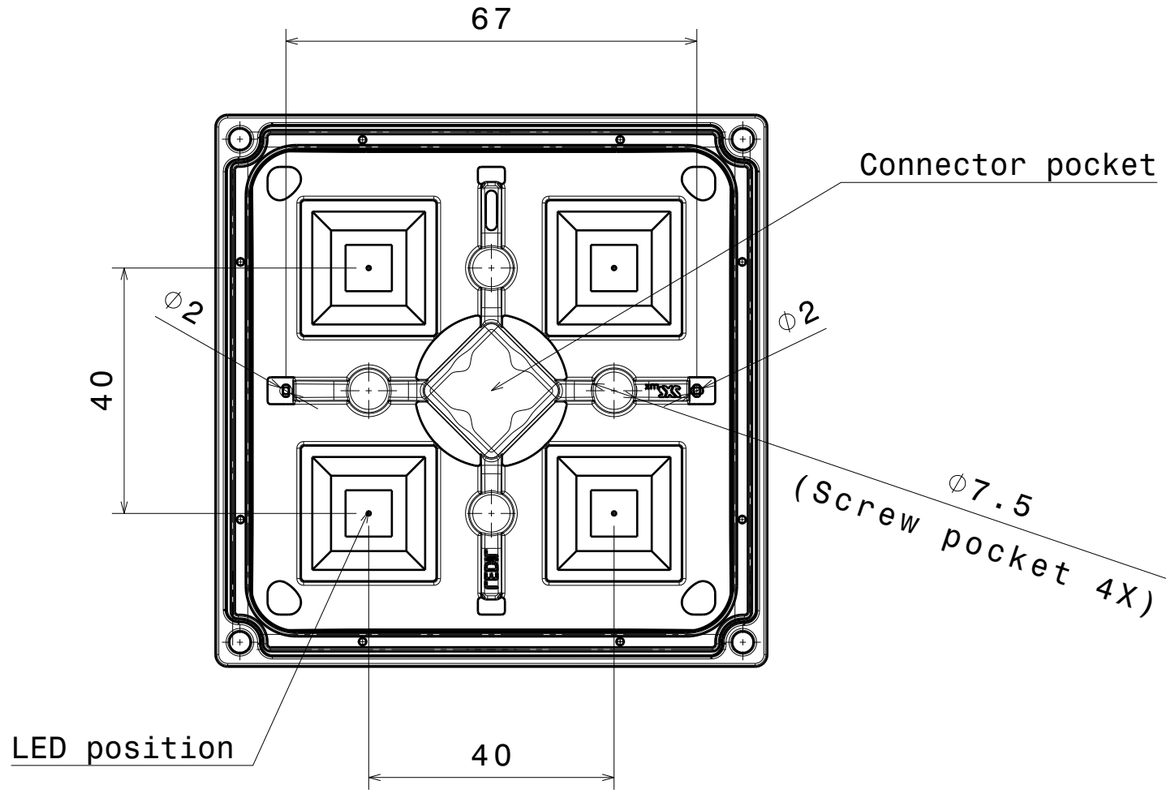
OPTICAL PROPERTIES

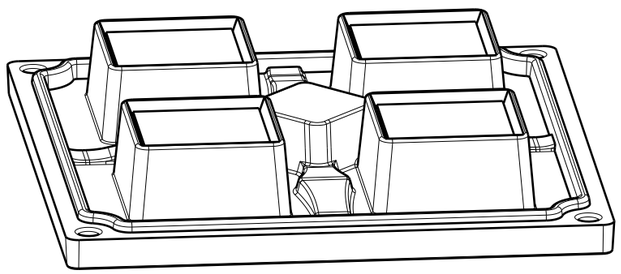
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
SMD 5050	sim: 78	WWW-class	sim: 94 %	sim: 0.580	-
PSL440	73 deg	WWW-class	92 %	0.614	-
PSL445	73 deg	WWW-class	94 %	0.580	-
XHP70	77 deg	WWW-class	93 %	0.550	-
XHP35 HD	76 deg	WWW-class	93 %	0.530	-
XHP35 HI	73 deg	WWW-class	93 %	0.560	-
XHP50	73 deg	WWW-class	93 %	0.570	-
XHP50.2	sim: 87	WWW-class	sim: 94 %	sim: 0.460	-
H70E0	77 deg	WWW-class	93 %	0.530	-
LUXEON M/MX	78 deg	WWW-class	93 %	0.560	-
LUXEON MZ	71 deg	WWW-class	75 %	0.520	-
LUXEON XR-M square 2x2	78 deg	WWW-class	94 %	0.570	-
NFMW48xA	sim: 77	WWW-class	sim: 93 %	sim: 0.580	-
OSCONIQ P 7070	sim: 78	WWW-class	sim: 92 %	sim: 0.572	-
Duris S10	66 deg	WWW-class	94 %	0.700	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001







Isometric view (1:1)

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14631	STRADA-2X2MX-SEAL	silicone	
2	C14832	HB-2X2MX-WWW	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

THIRD ANGLE PROJECTION:

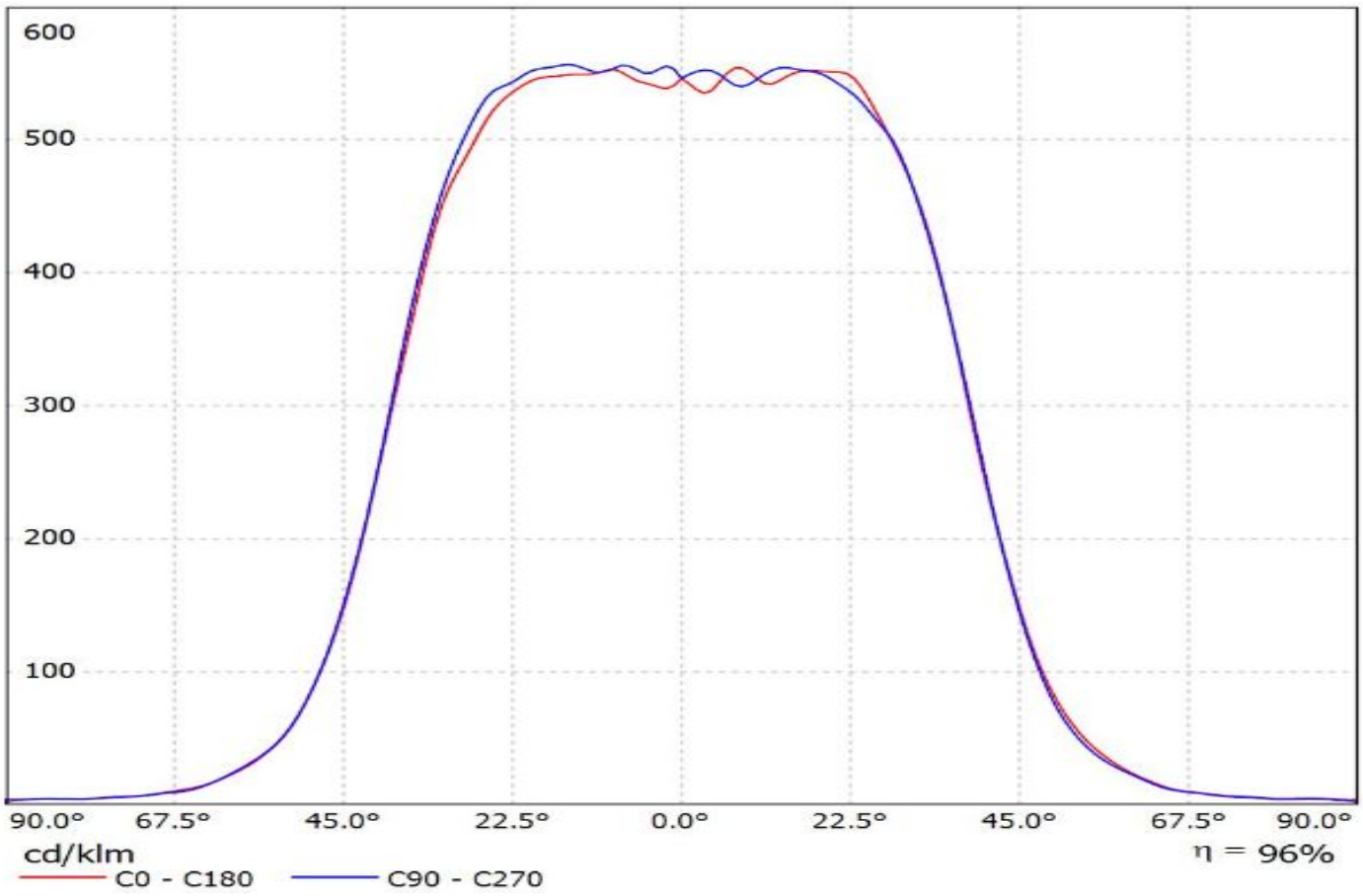
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

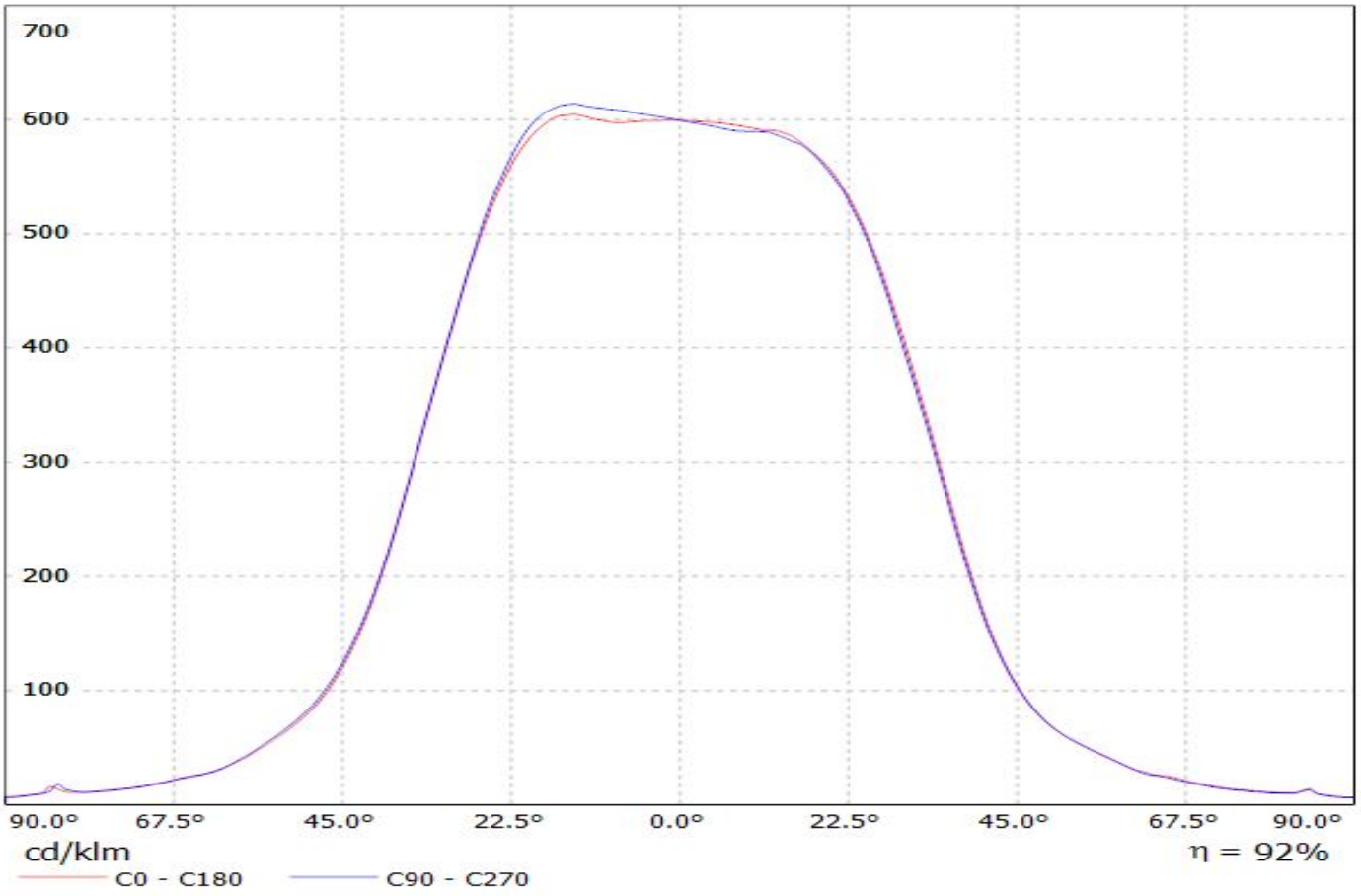
DRAWING TITLE
CS14839_HB-2X2MX-WWW

SIZE	PART NUMBER		
A3	CS14839		
SCALE 1:1	WEIGHT 46.9 g		SHEET 1/1

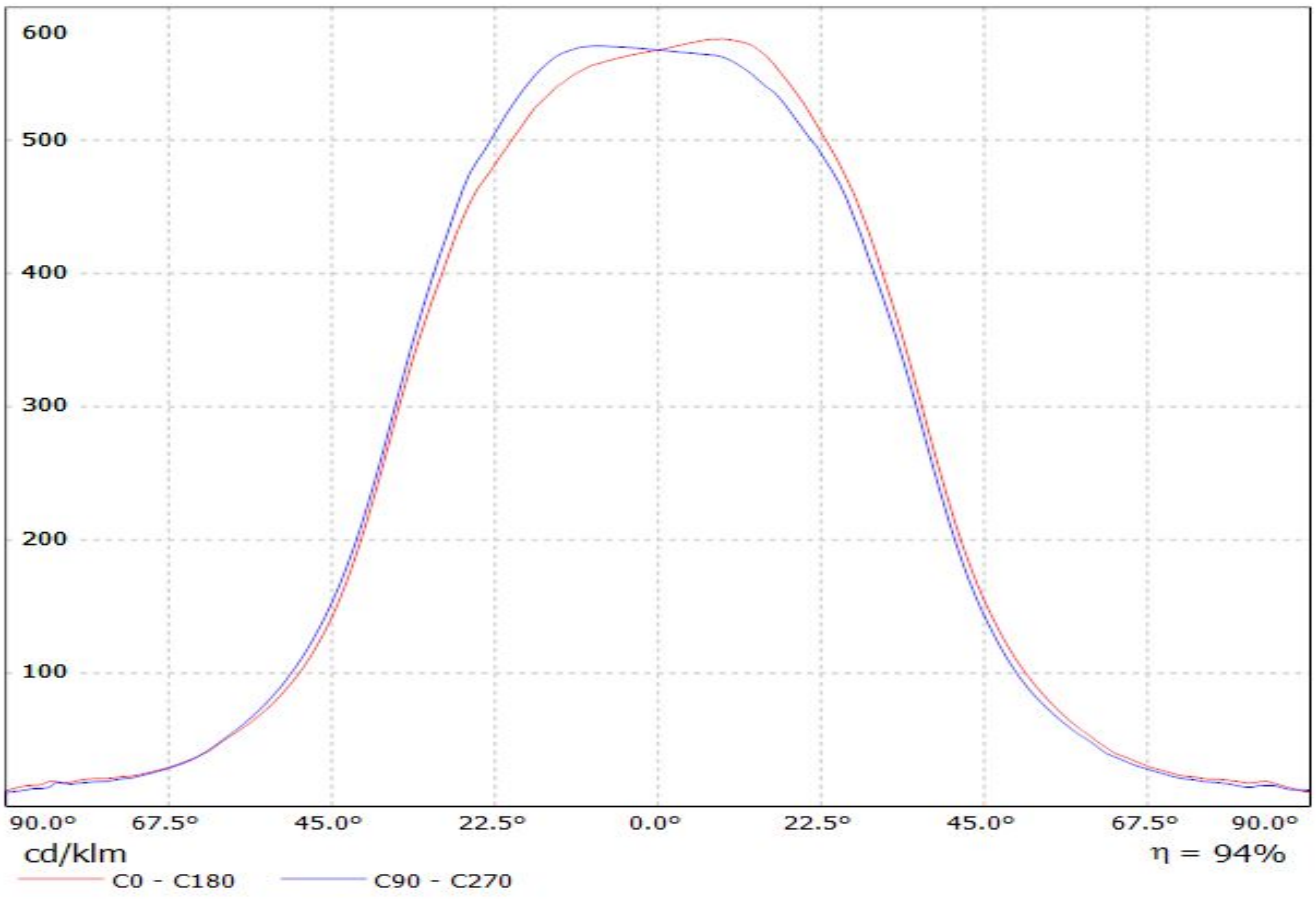
Luminaire: Ledil Oy CS14839_HB-2X2MX-WWW_BRIDGELUX_SMD_5050_SIMULATED
Lamps: 1 x BRIDGELUX SMD 5050



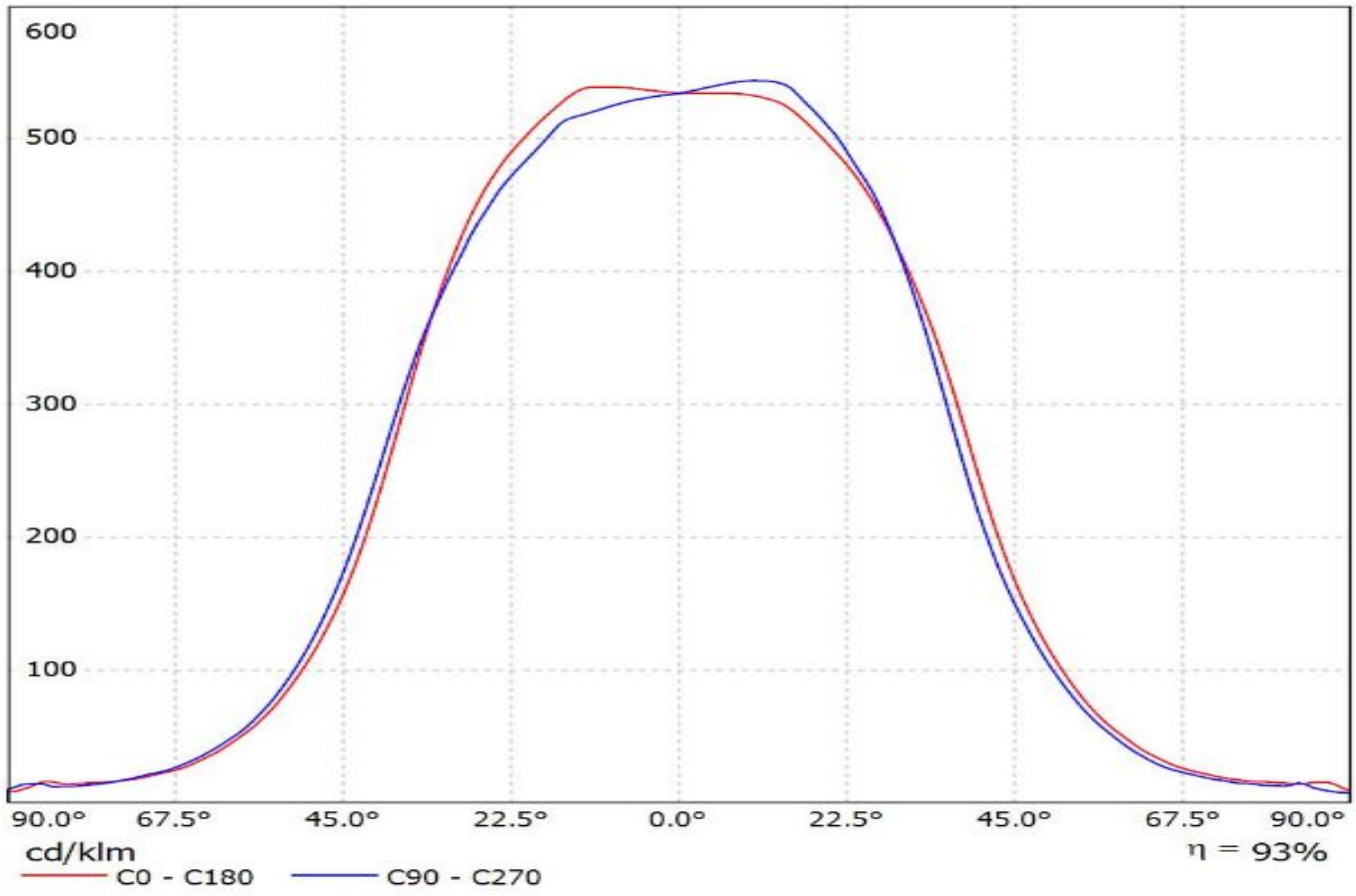
Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(PSL440)_GS
Lamps: 1 x Citizen_PSL440_1034.87lm@250mA_P=11.3823W_I=0.250A



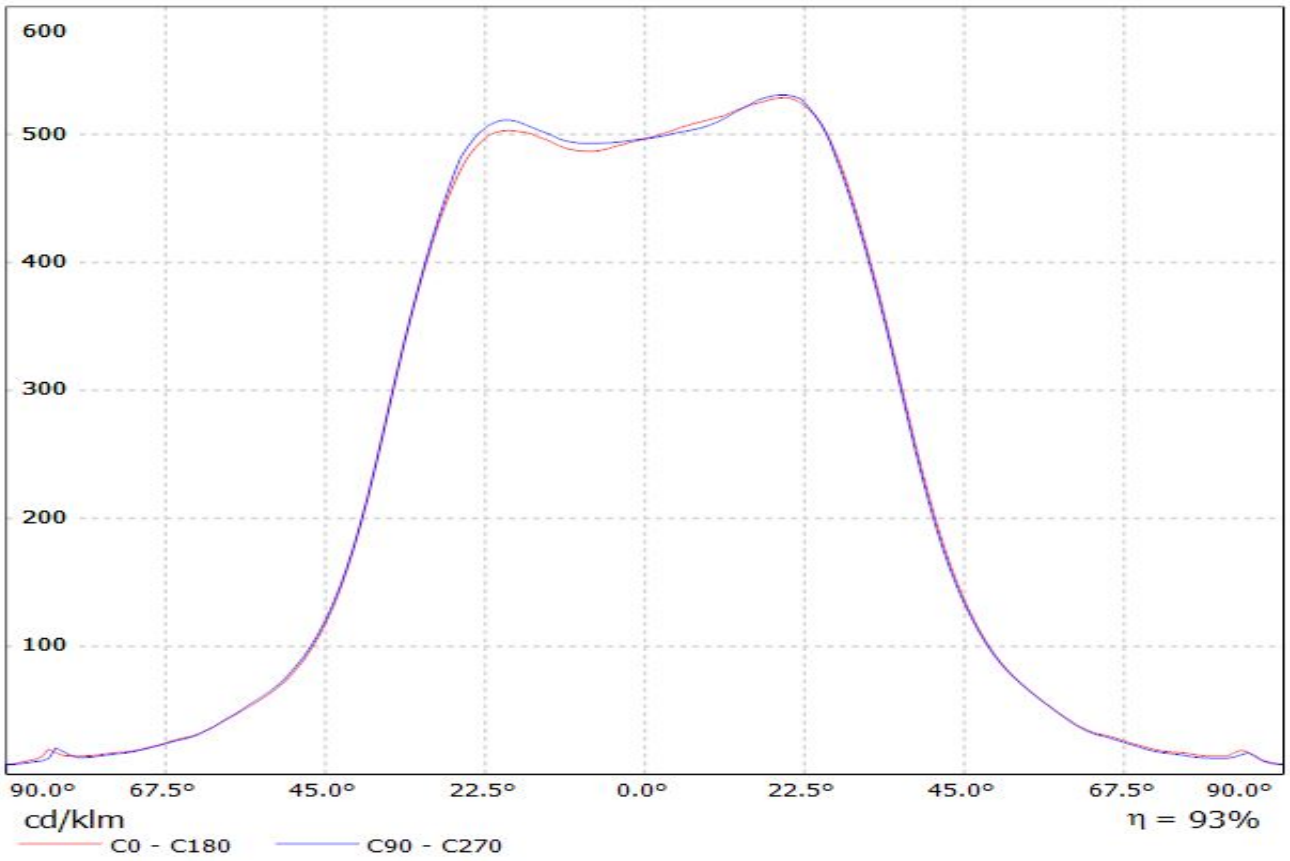
Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(PSL445)
Lamps: 1 x Citizen_PSL445_2x2_1674.9lm@250mA_P=11.1421W_I=0.250A_CCT=2700K



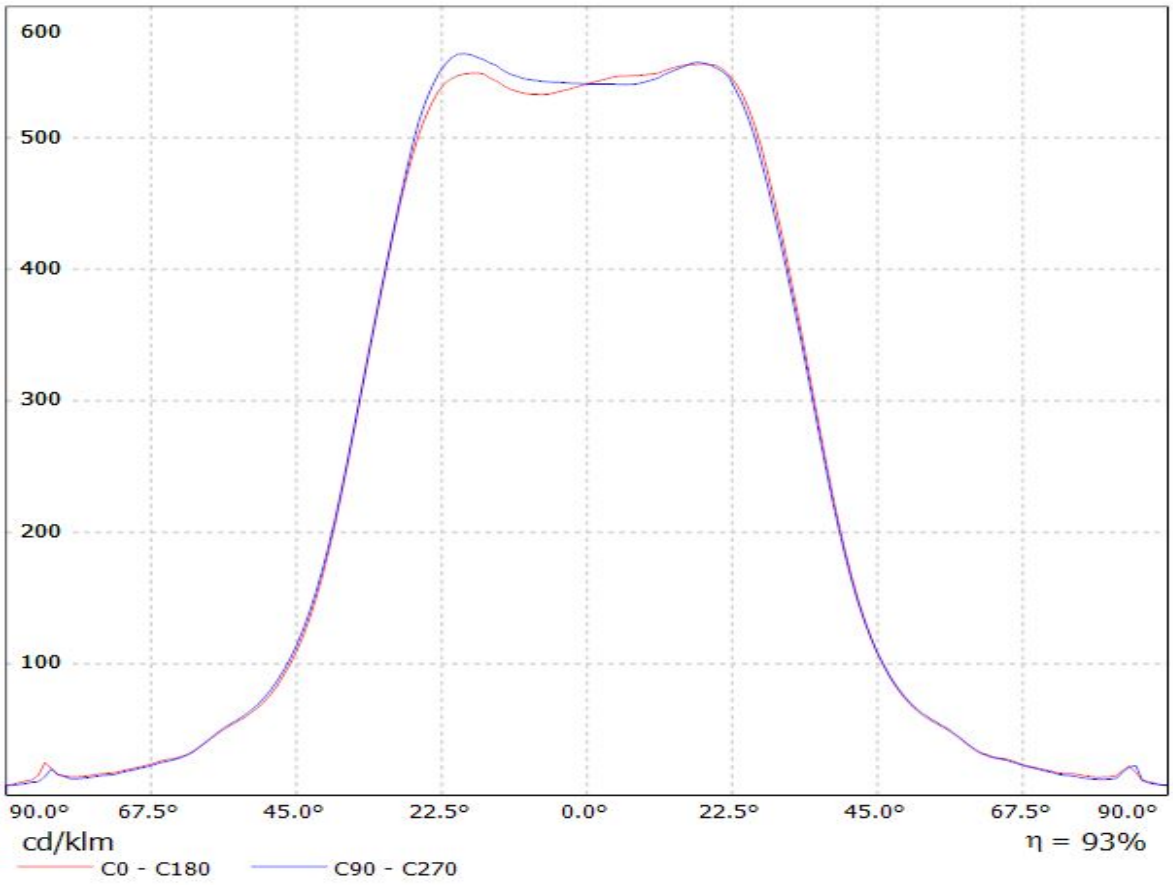
Luminaire: Ledil CS14839_HB-2X2MX-WWW_(XHP70)
Lamps: 1 x Cree_XHP70-2x2_Mx_1522.16lm@250mA_P=11.084W_I=0.25A



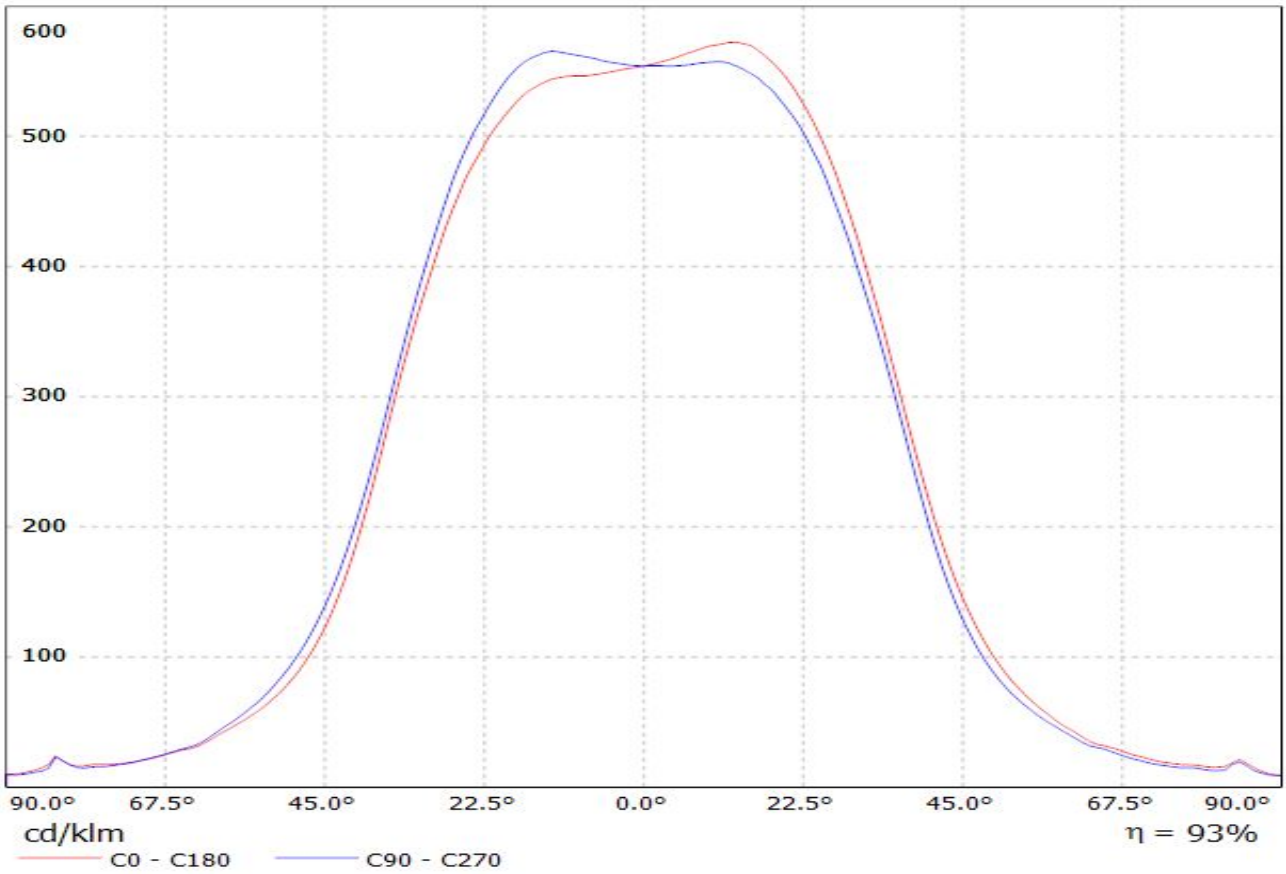
Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(XHP35_HD)
Lamps: 1 x Cree_XHP35_HD_(XHP35A-0-2D0-D40-D0-B-01)_1728.98lm@250mA_P=11.3112W_I=0.250A



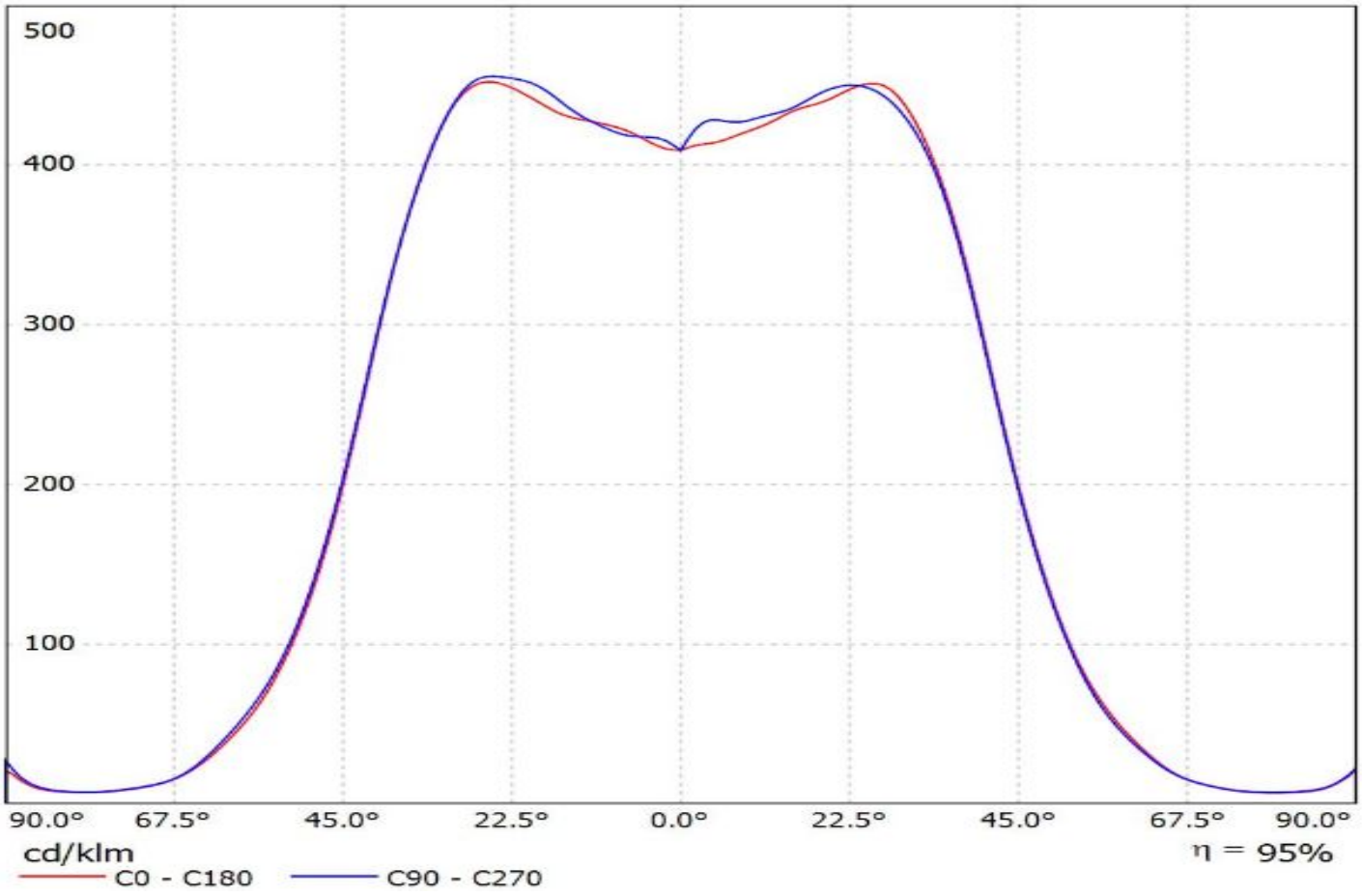
Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(XHP35_HI)
Lamps: 1 x Cree_XHP35_HI_(XHP35A-H-5C0-D40-D0-B-01)_1615.75lm@250mA_CCT=4000K_P=11.4373W_I=0.250A



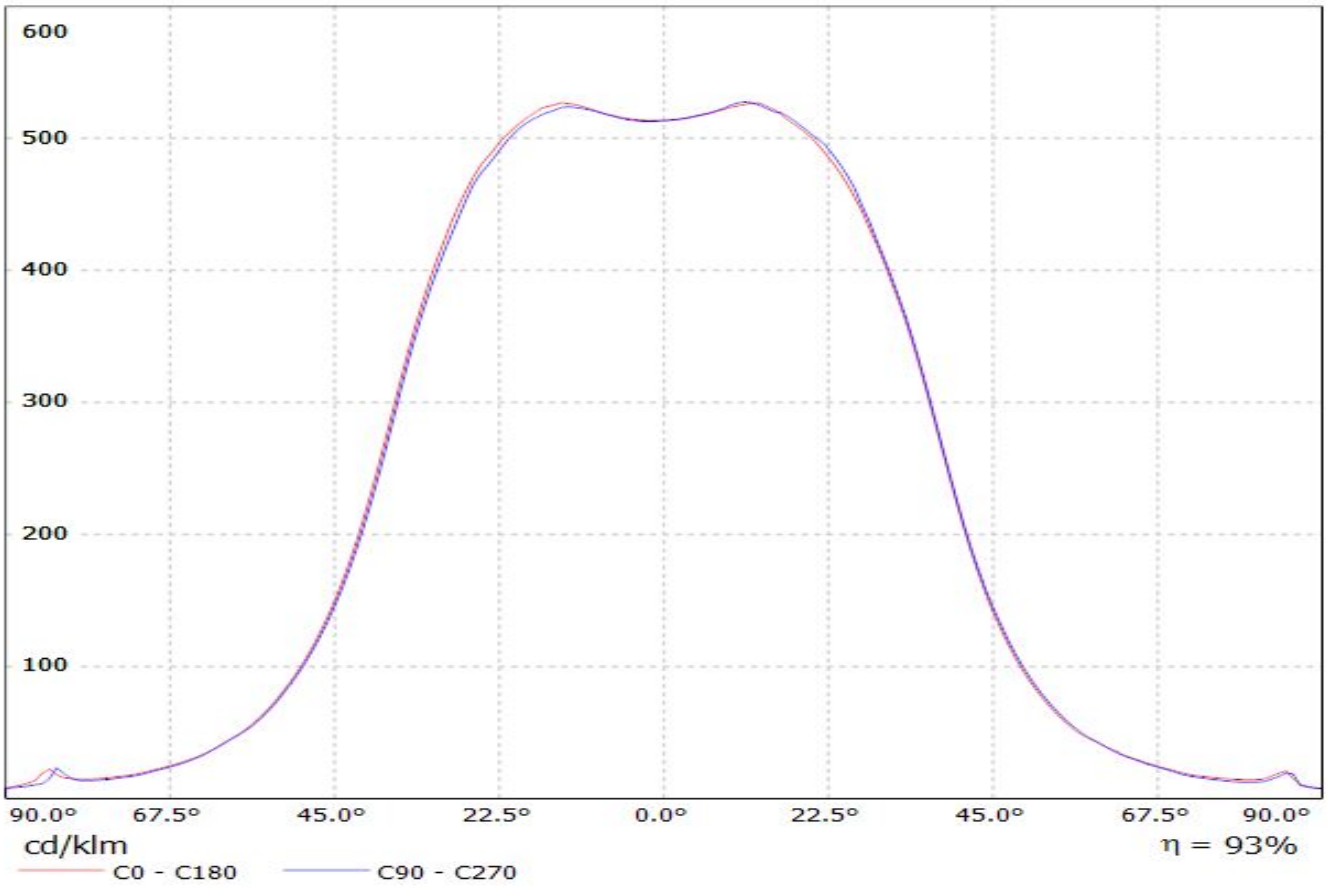
Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(XHP50)
Lamps: 1 x Cree_XHP50_(XHP50-0-1B0-J20-D0-B-01)_1815.51lm@250mA_P=11.4658W_I=0.250A



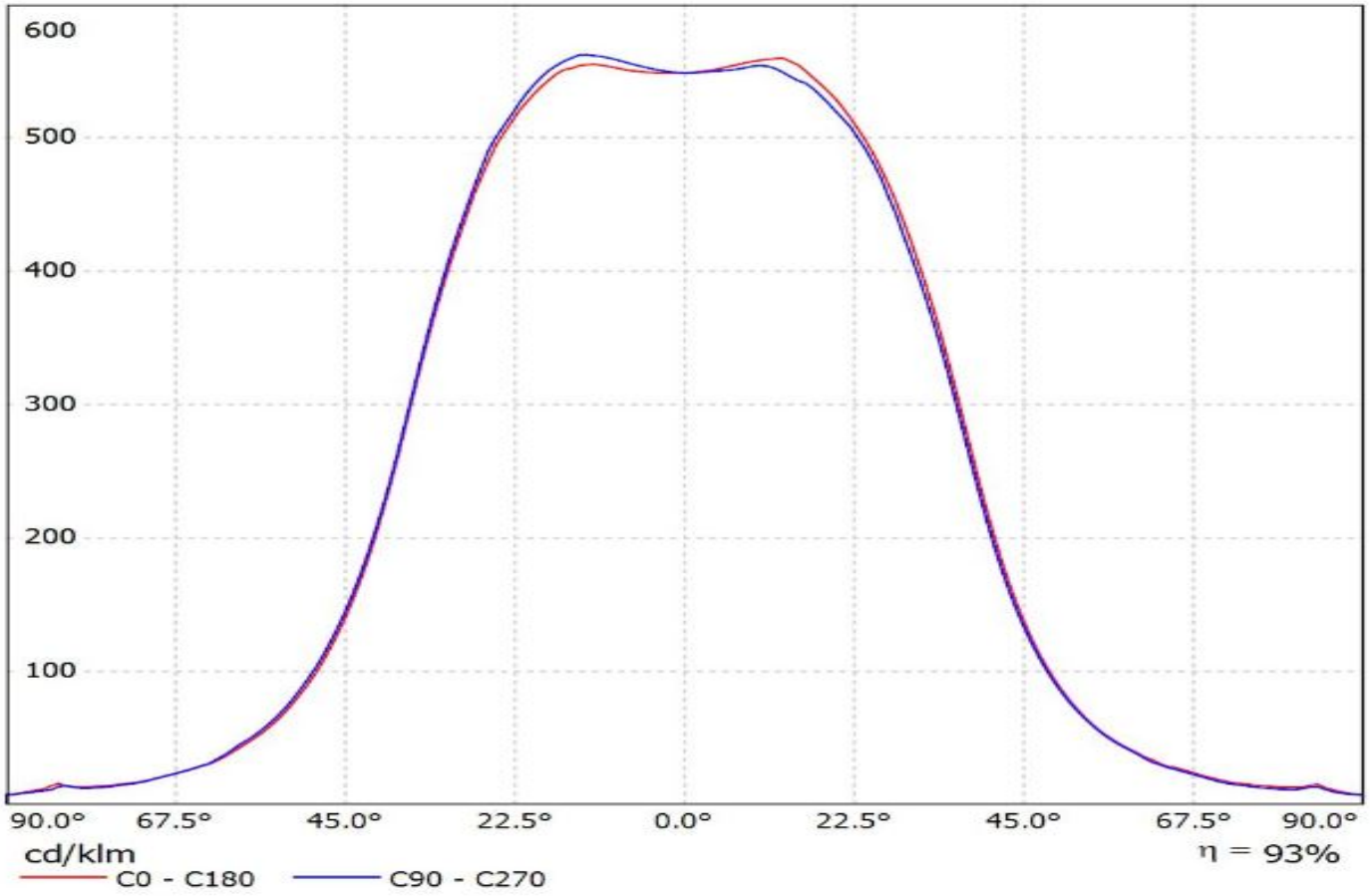
Luminaire: Ledil Oy CS14839_HB-2X2MX-WWW_(XHP50_2)_SIMULATED
Lamps: 1 x Cree XHP50.2



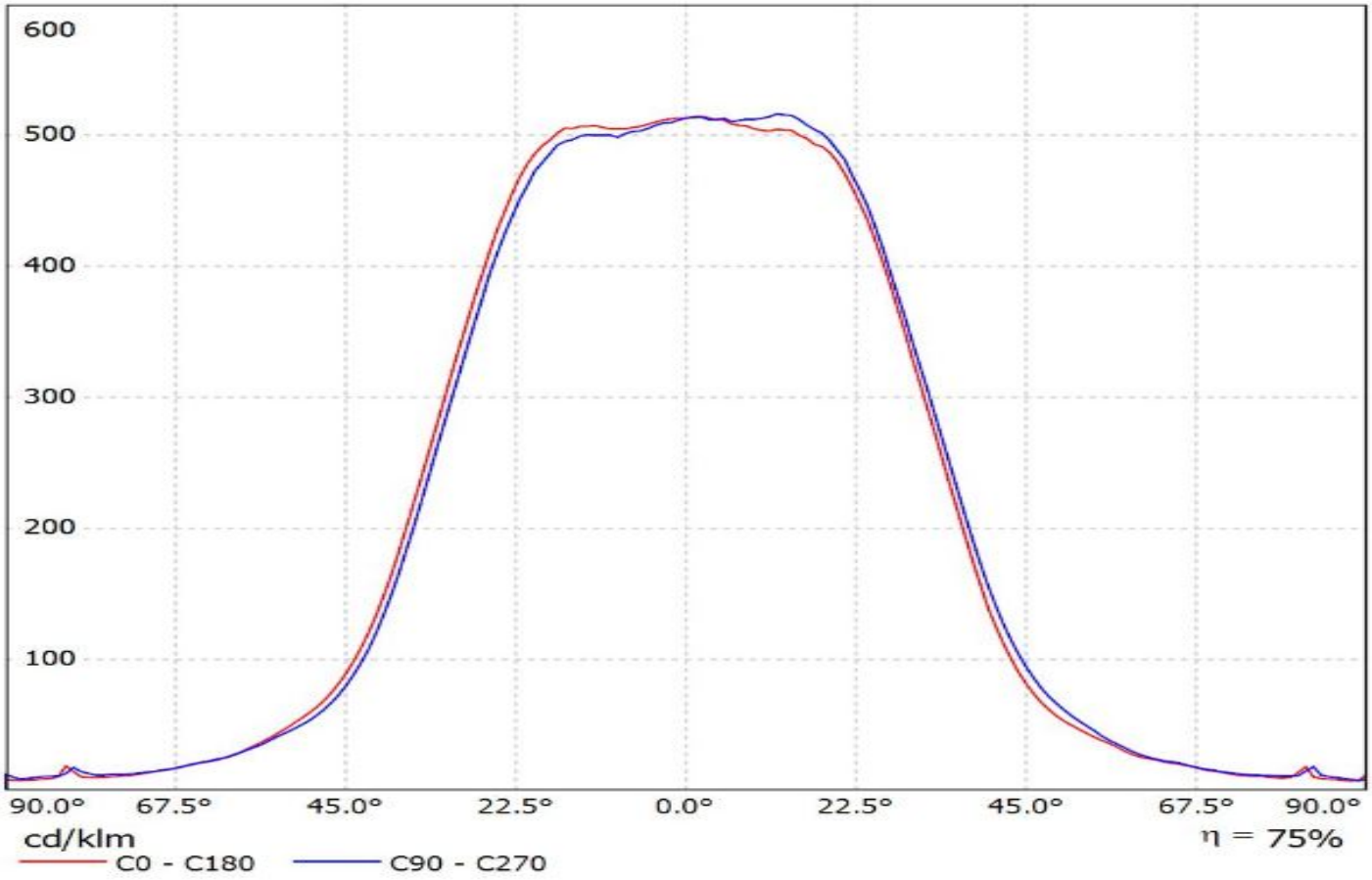
Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(H70E0)
Lamps: 1 x LG_H70E0_1790.78lm@250mA_P=11.2987W_I=0.250A



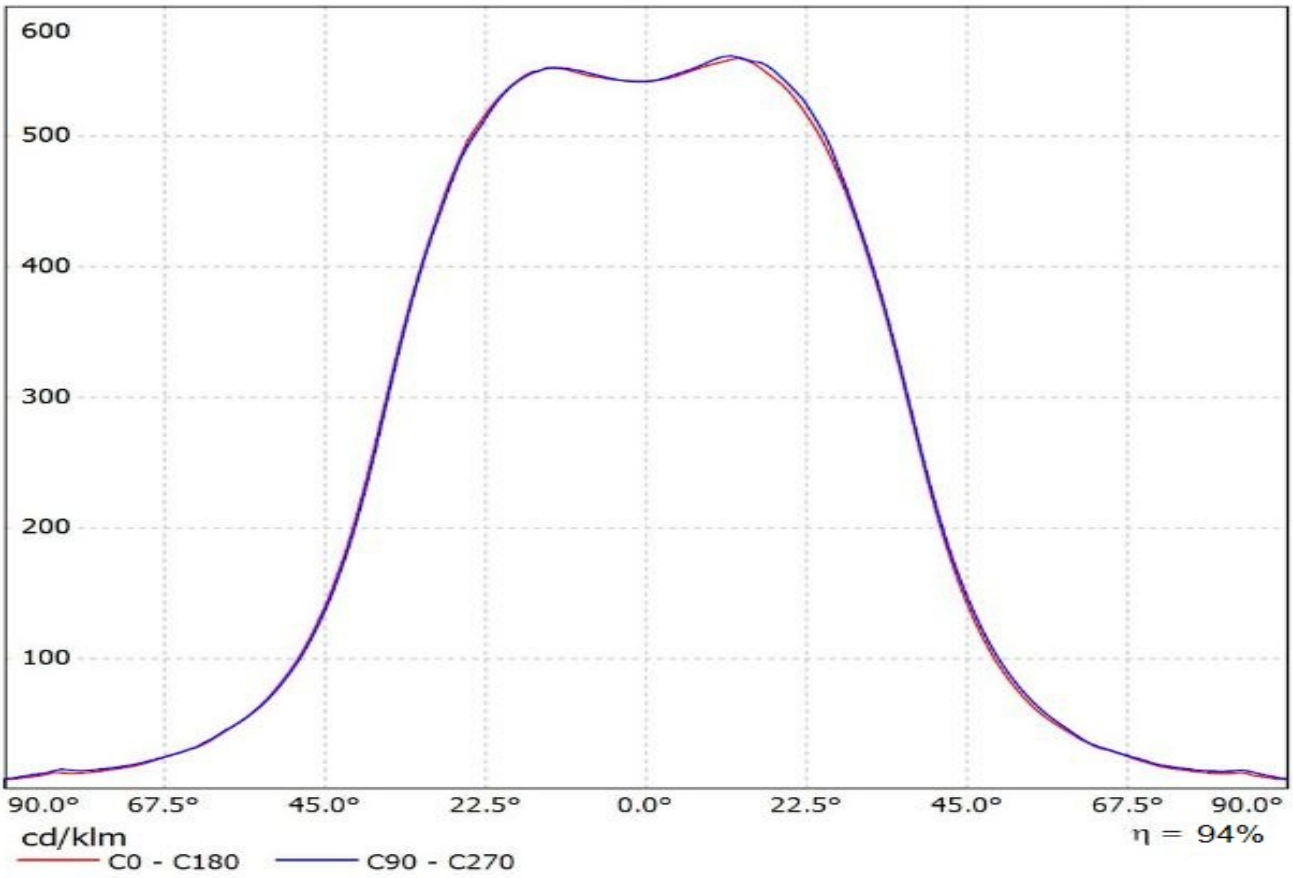
Luminaire: Ledil CS14839_HB-2X2MX-WWW_(LUXEON_M)
Lamps: 1 x LUXEON_M_2X2_(LXM8-SW30)_1445.21lm@250mA_P=11.117W_I=0.25A



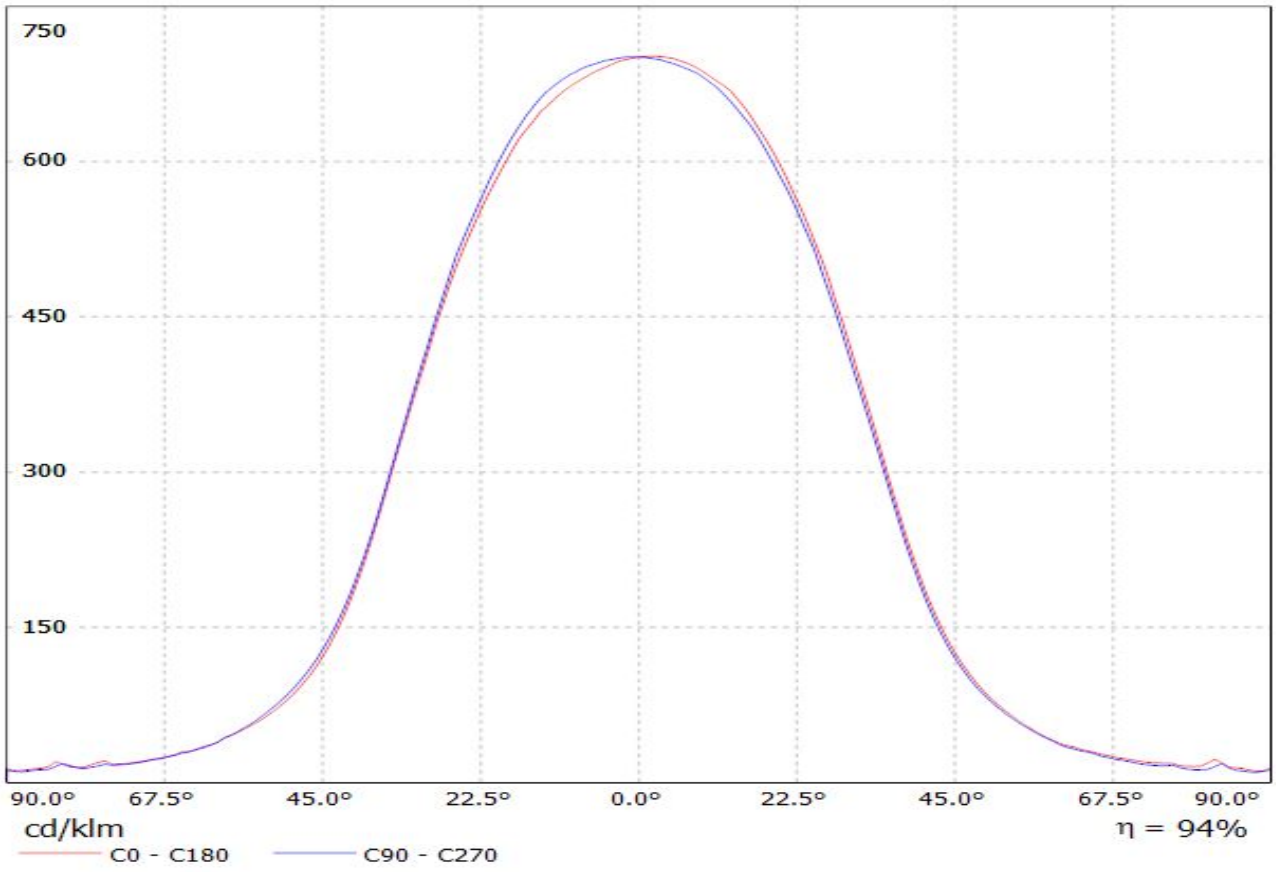
Luminaire: Ledil CS14839_2X2MX-WWW_(LUXEON_MZ)
Lamps: 1 x LUXEON_MZ_2X2_(LMZ9-SW30)_1377.64lm@250mA_CCT=3000K_P=11.05W_I=0.25A



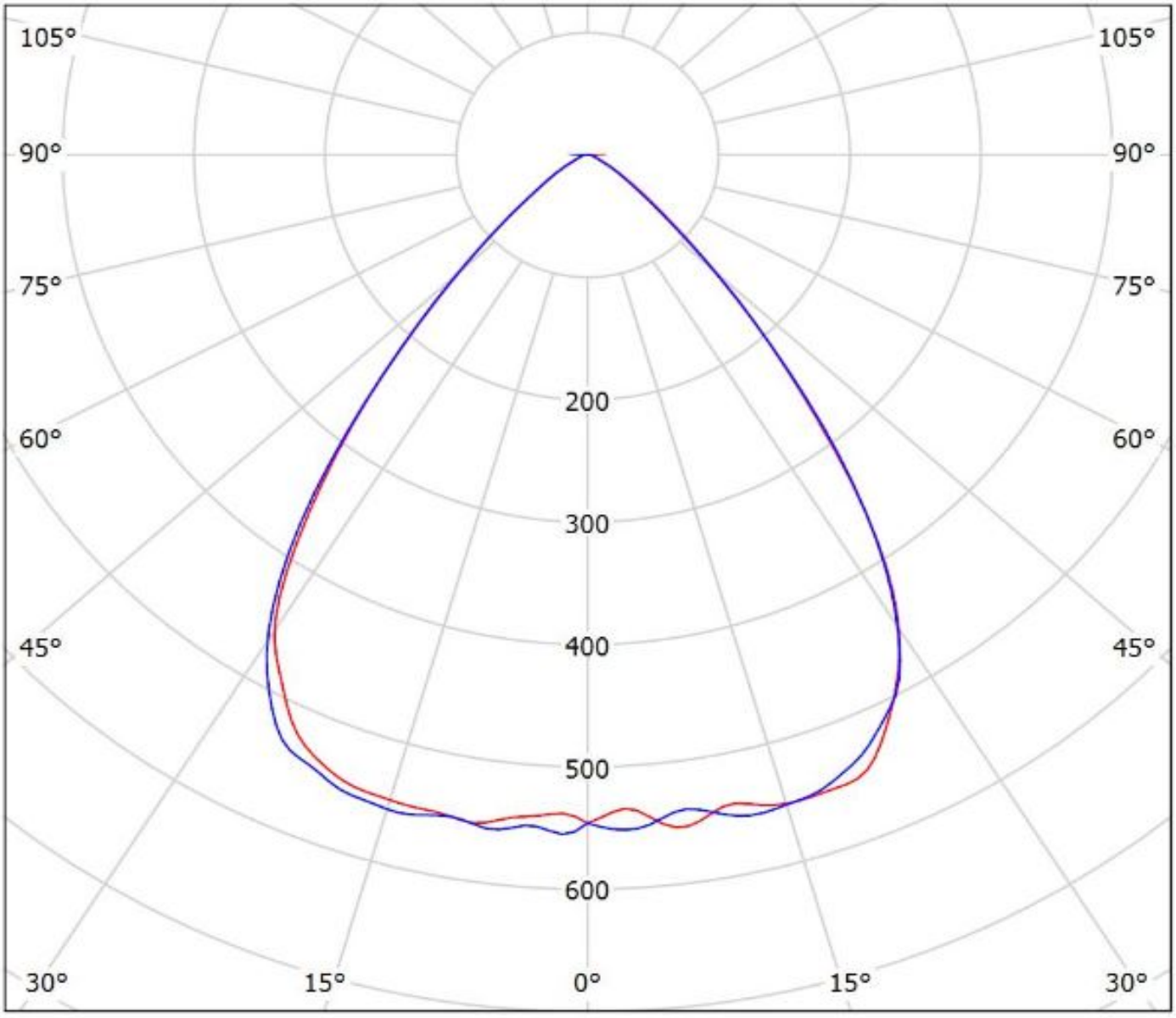
Luminaire: Ledil CS14839_2X2MX-WWW_(LUXEON_XR-M)
Lamps: 1 x LUXEON_XR-M_SQUARE_2X2_(L2M0-577004MC2200)_1804.92lm@250mA_P=10.9345W_I=0.25A



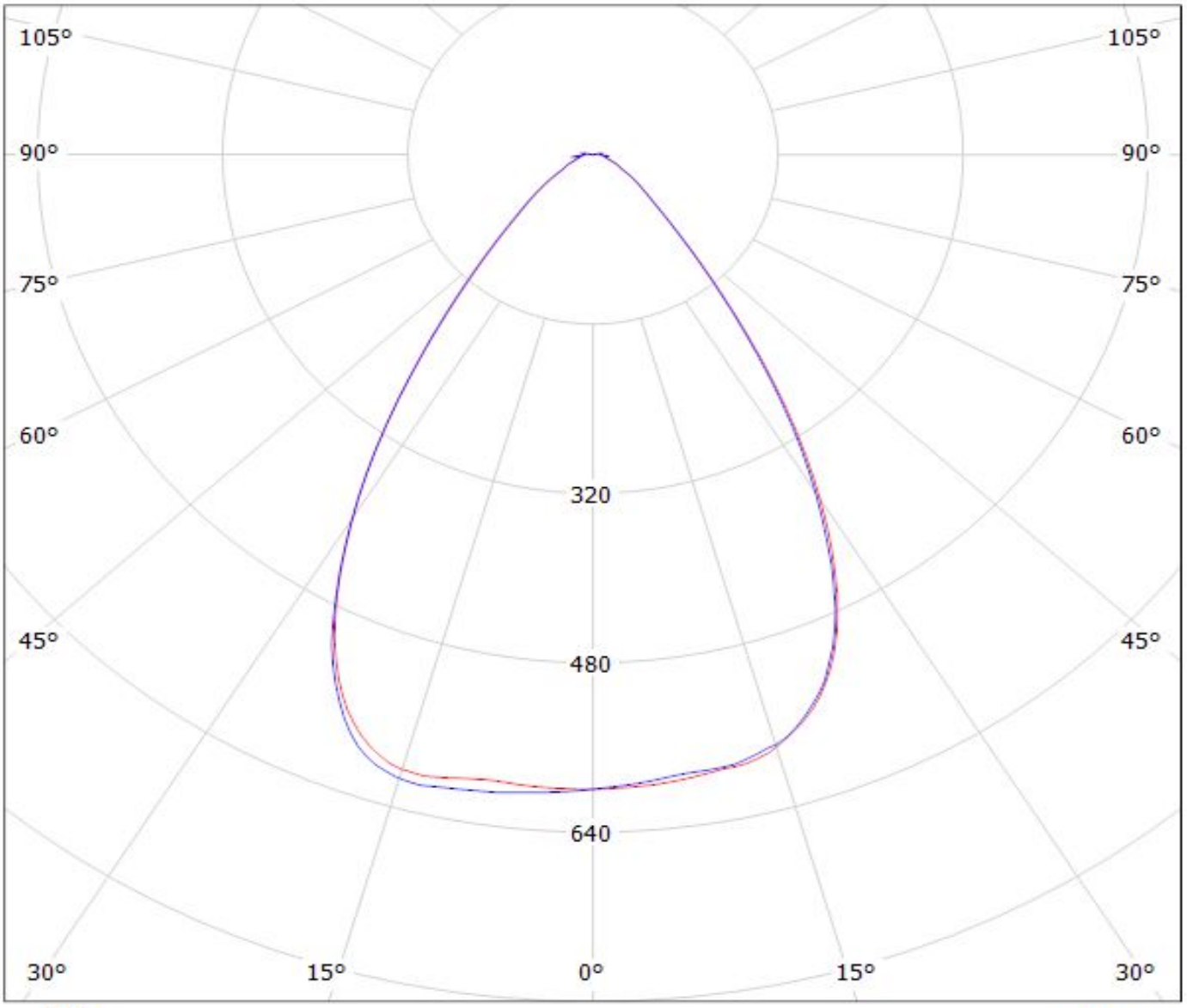
Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(Duris_S10)
Lamps: 1 x Osram_Duris_S10_1454.14lm@100mA_P=10.018W_I=0.100A



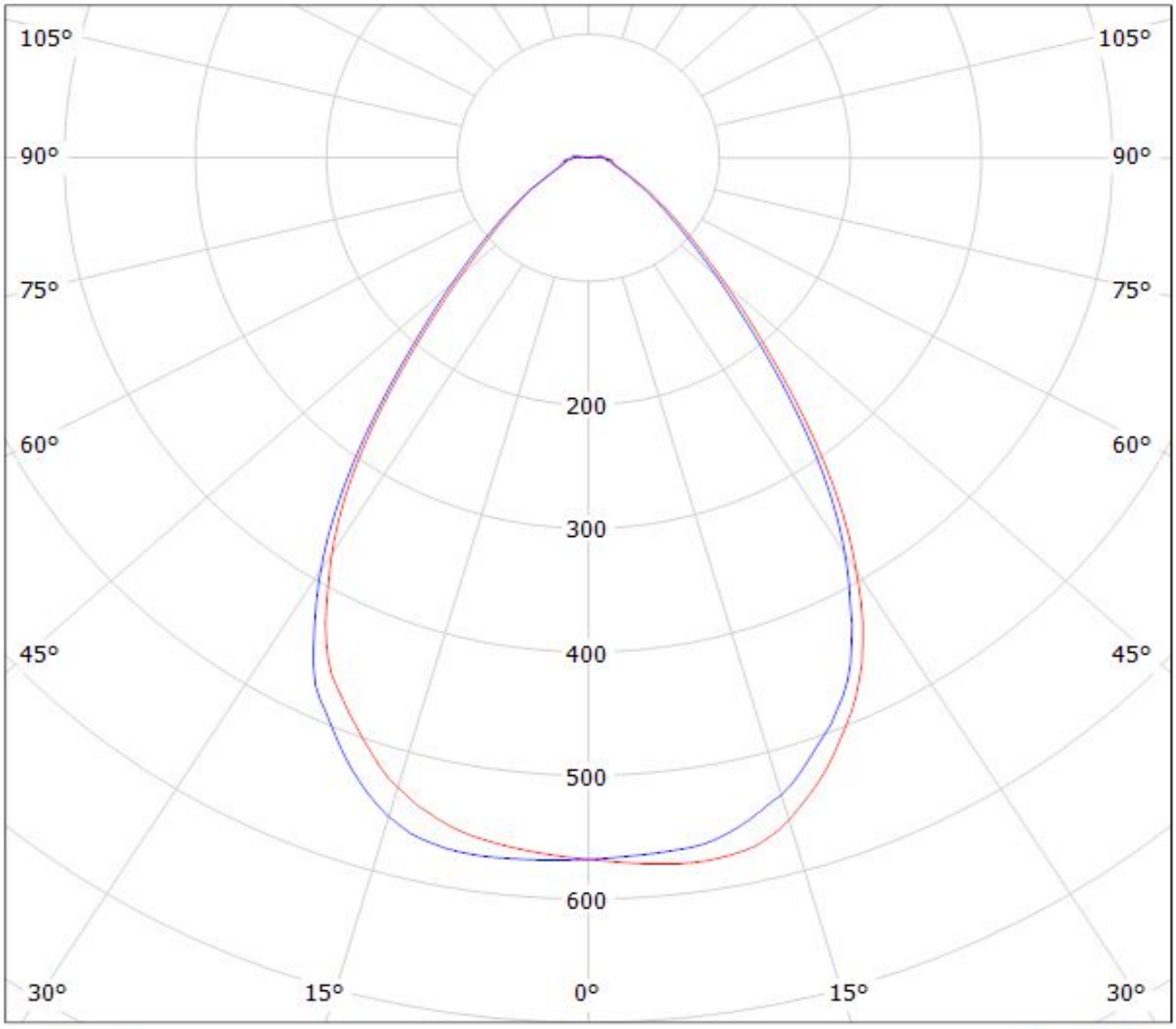
Luminaire: Ledil Oy CS14839_HB-2X2MX-WWW_BRIDGELUX_SMD_5050_SIMULATED
Lamps: 1 x BRIDGELUX SMD 5050



Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(PSL440)_GS
Lamps: 1 x Citizen_PSL440_1034.87lm@250mA_P=11.3823W_I=0.250A



Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(PSL445)
Lamps: 1 x Citizen_PSL445_2x2_1674.9lm@250mA_P=11.1421W_I=0.250A_CCT=2700K

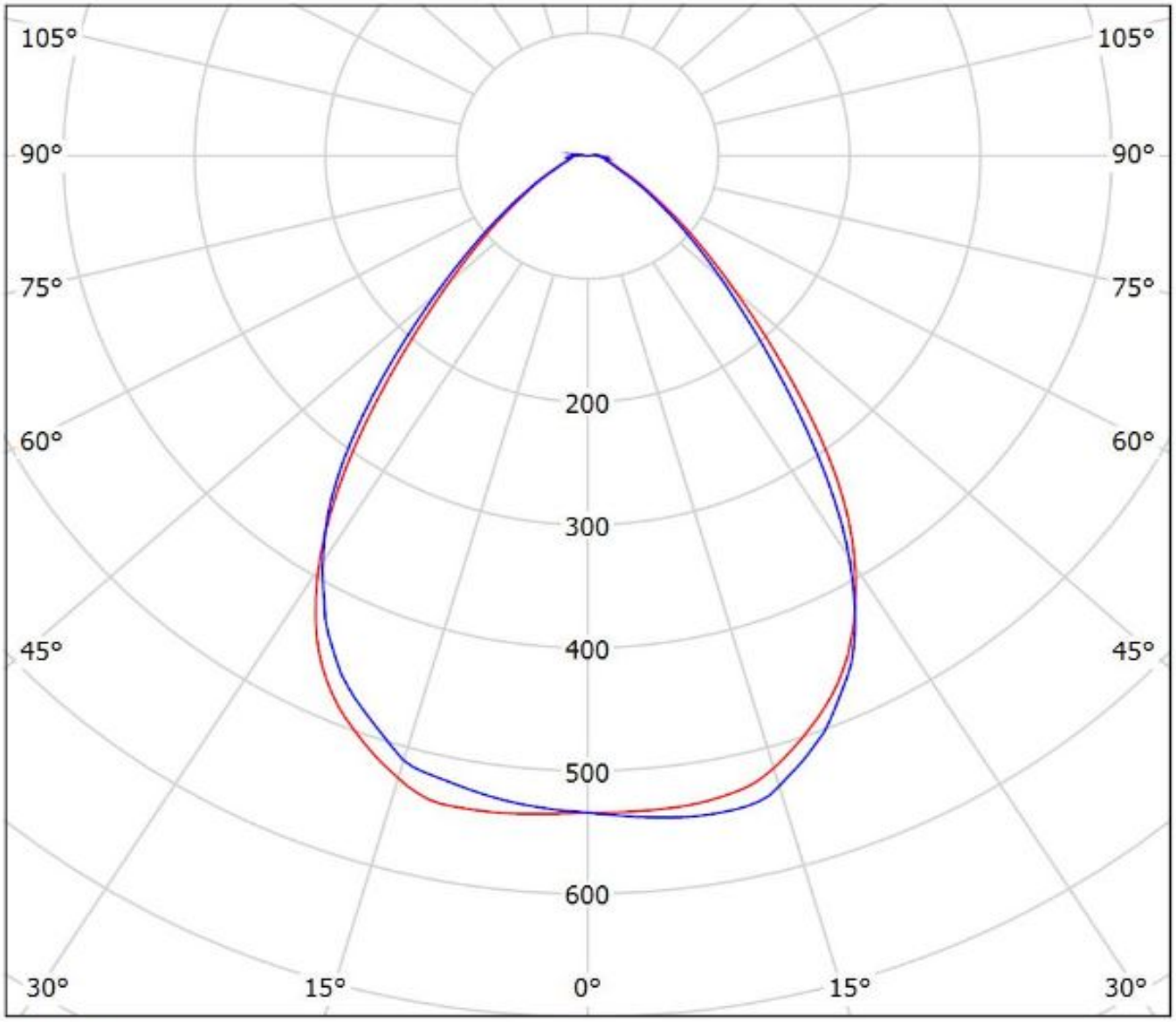


cd/klm

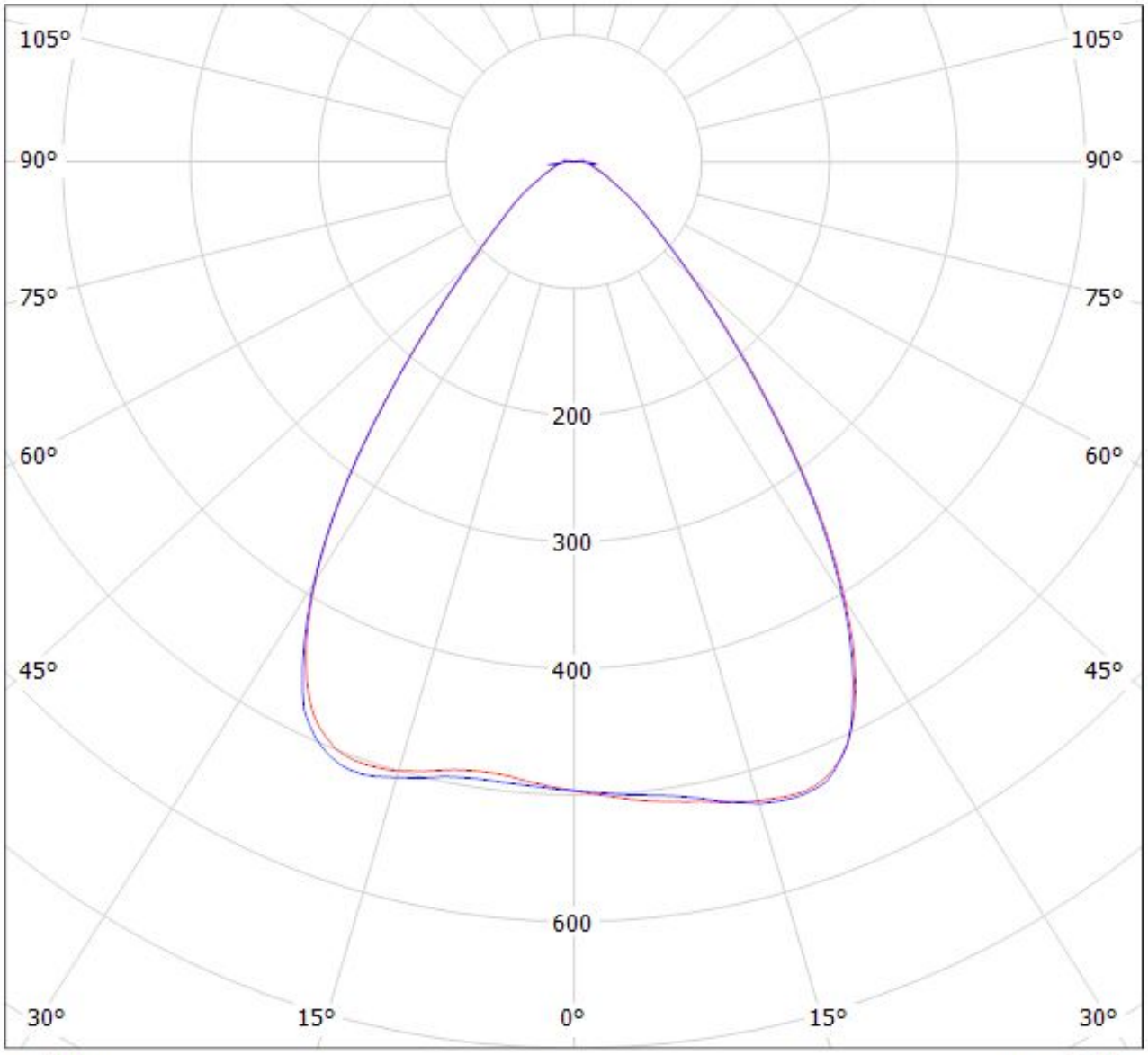
η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil CS14839_HB-2X2MX-WWW_(XHP70)
Lamps: 1 x Cree_XHP70-2x2_Mx_1522.16lm@250mA_P=11.084W_I=0.25A



Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(XHP35_HD)
Lamps: 1 x Cree_XHP35_HD_(XHP35A-0-2D0-D40-D0-B-01)_1728.98lm@250mA_P=11.3112W_I=0.250A

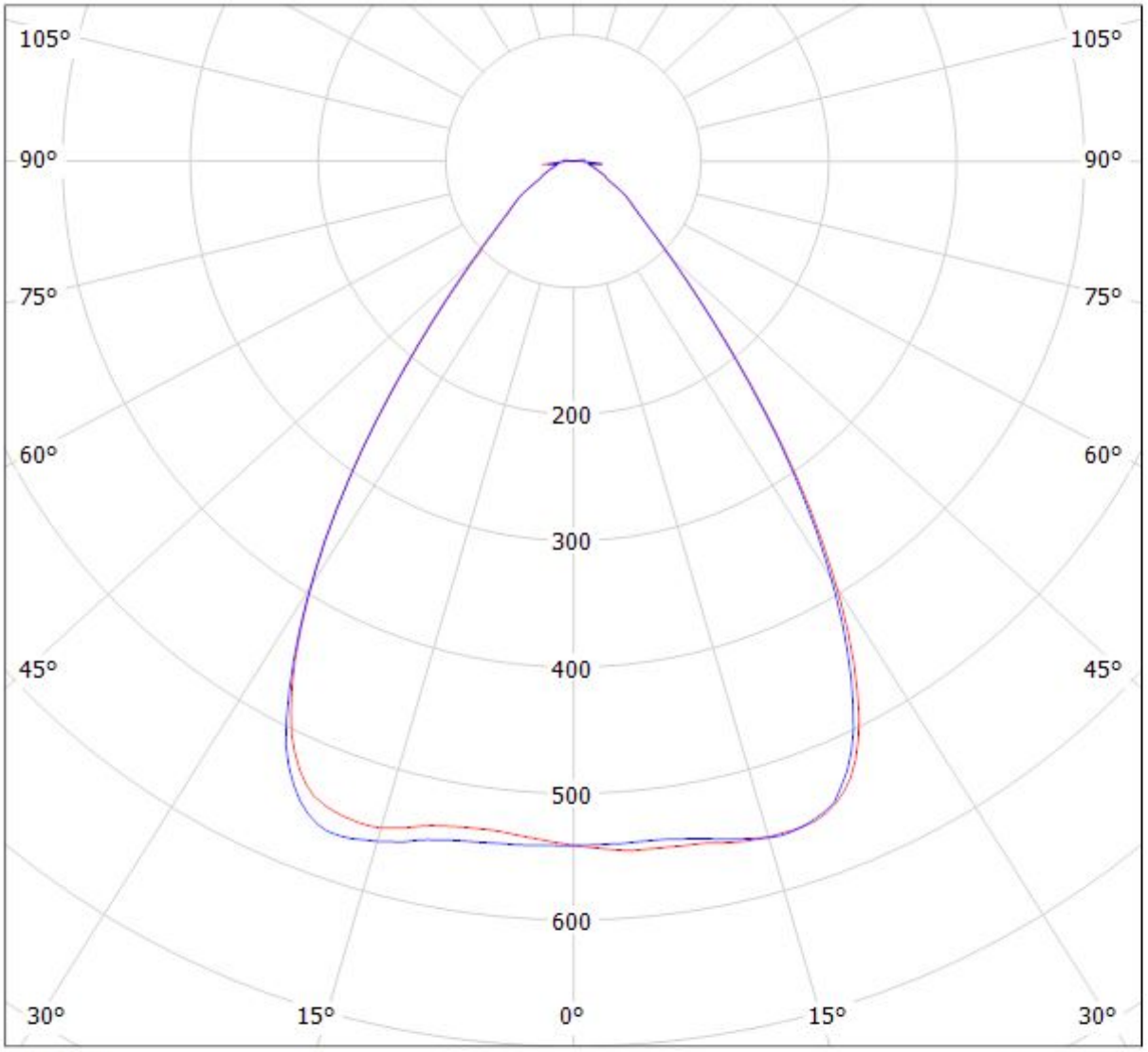


cd/klm

η = 93%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(XHP35_HI)
Lamps: 1 x Cree_XHP35_HI_(XHP35A-H-5C0-D40-D0-B-01)_1615.75lm@250mA_CCT=4000K_P=11.4373W_I=0.250A

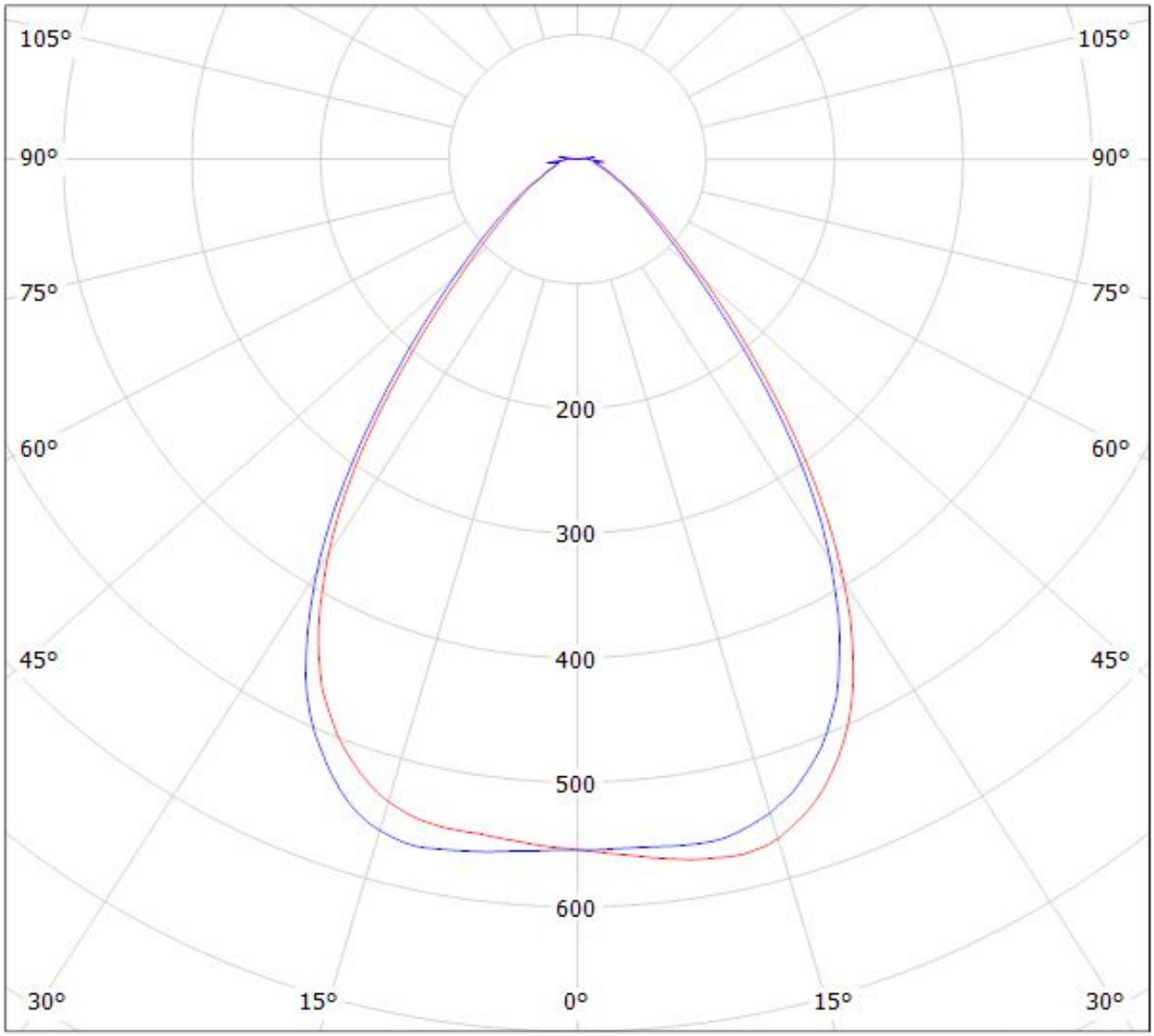


cd/klm

η = 93%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(XHP50)
Lamps: 1 x Cree_XHP50_(XHP50-0-1B0-J20-D0-B-01)_1815.51lm@250mA_P=11.4658W_I=0.250A

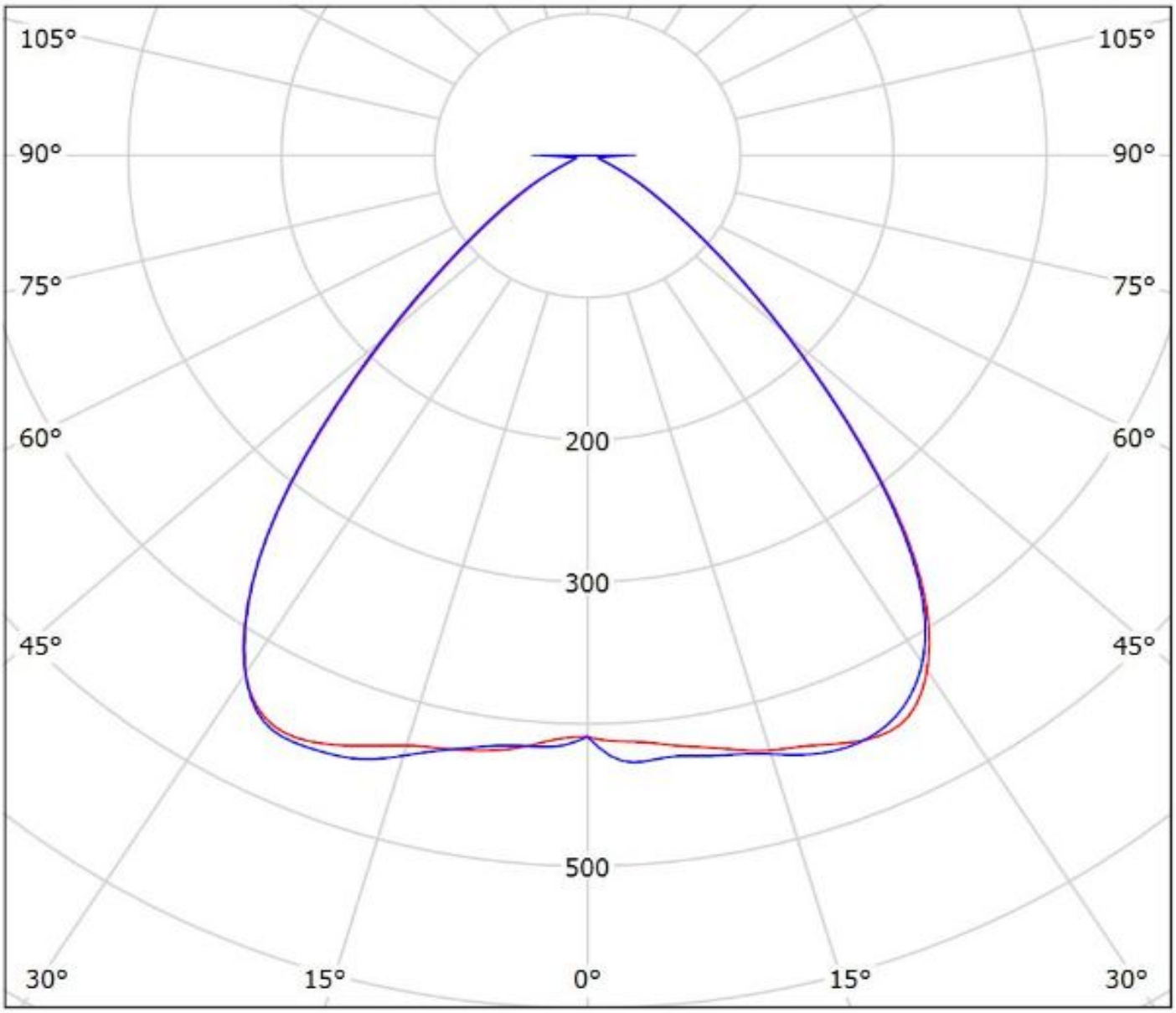


cd/klm

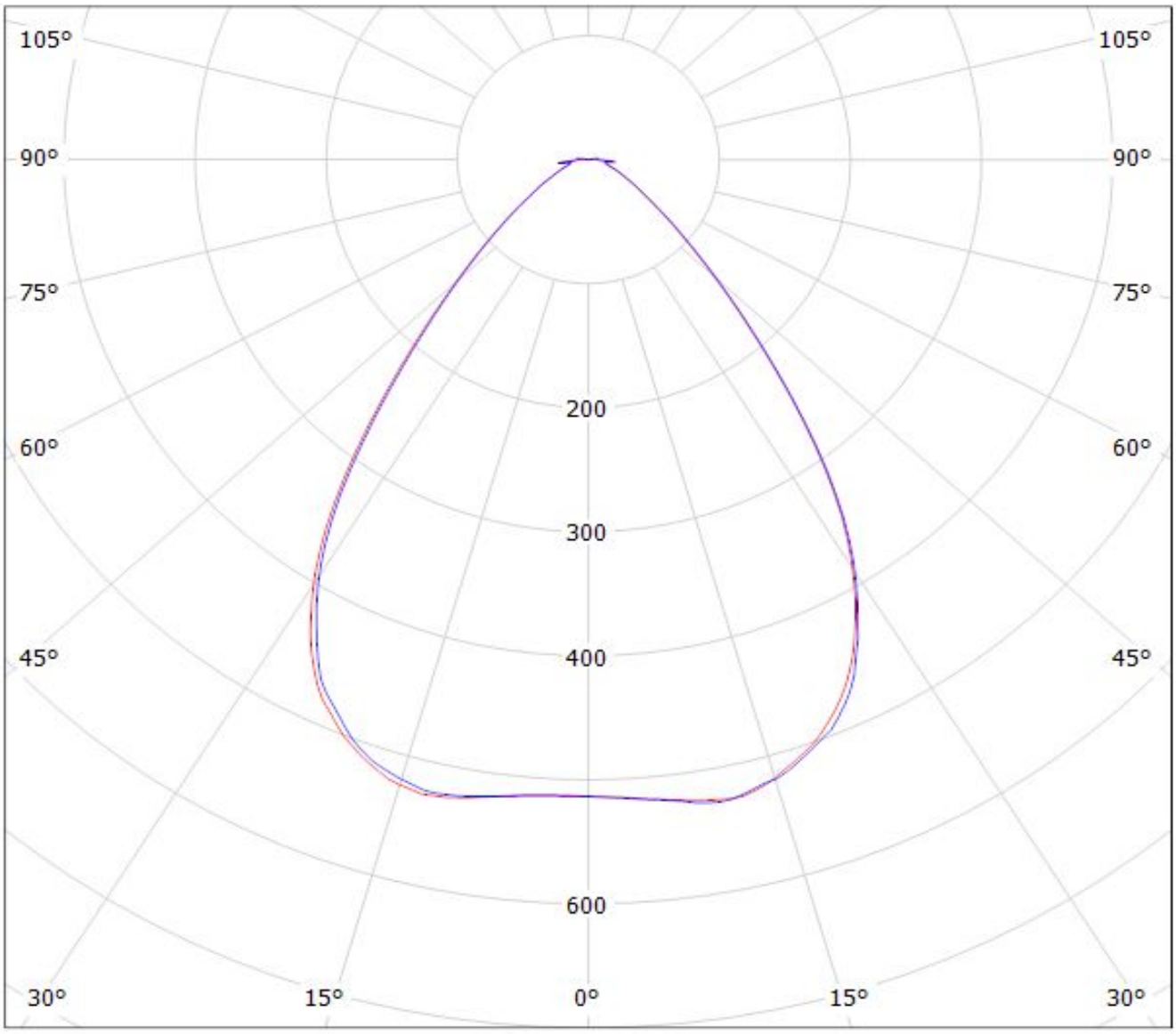
η = 93%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CS14839_HB-2X2MX-WWW_(XHP50_2)_SIMULATED
Lamps: 1 x Cree XHP50.2



Luminaire: LEDiL Oy CS14839_HB-2X2MX-WWW_(H70E0)
Lamps: 1 x LG_H70E0_1790.78lm@250mA_P=11.2987W_I=0.250A

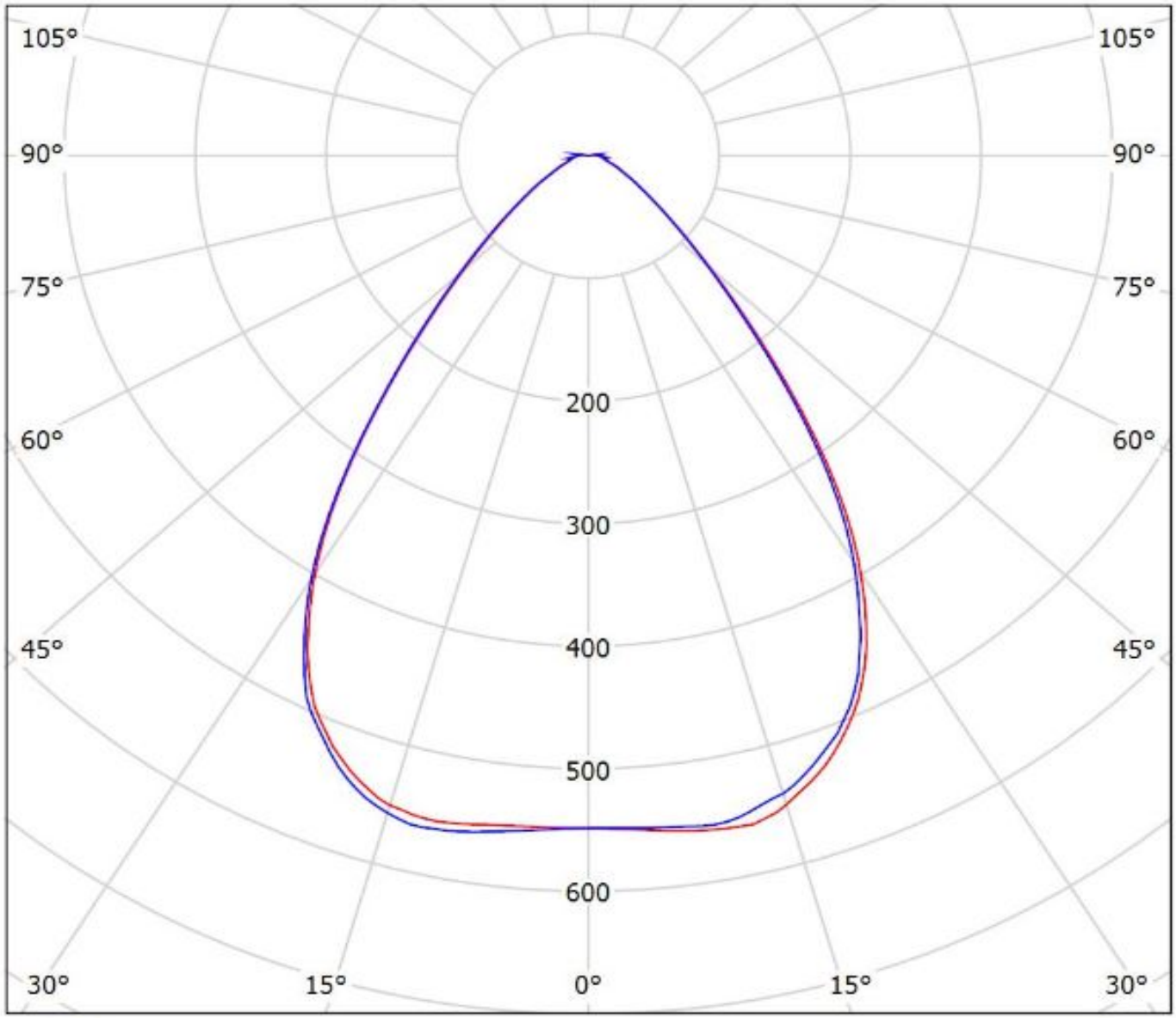


cd/klm

η = 93%

C0 - C180 C90 - C270

Luminaire: Ledil CS14839_HB-2X2MX-WWW_(LUXEON_M)
Lamps: 1 x LUXEON_M_2X2_(LXM8-SW30)_1445.21lm@250mA_P=11.117W_I=0.25A



cd/klm

η = 93%

C0 - C180 C90 - C270