

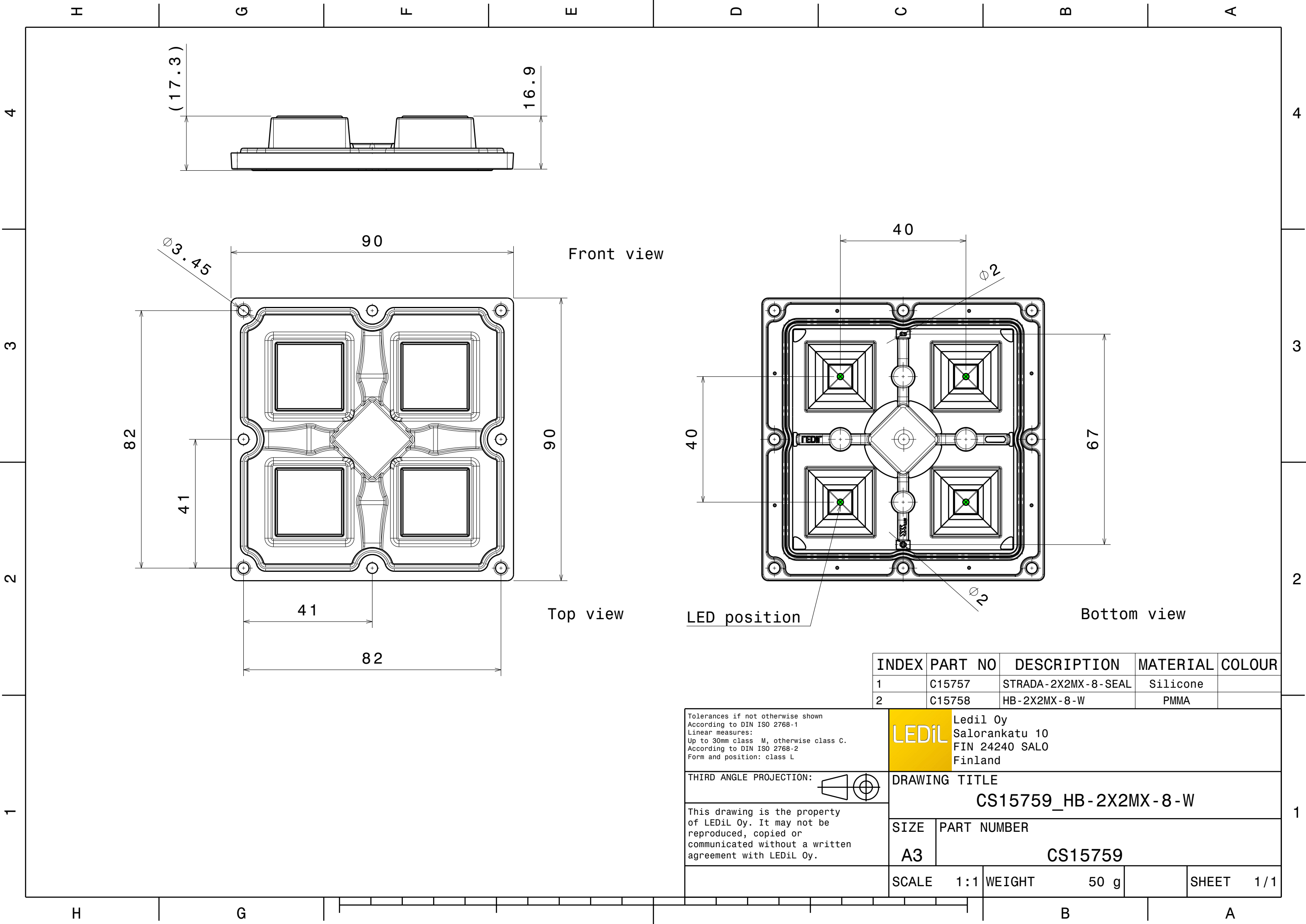
DETAILS

Product Number	CS15759_HB-2X2MX-8-W
Family	HighBay
Type	Assembly
Color	clear
Diameter	90x90 mm
Height	16,89 mm
Style	square
Optic Material	
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	11/09/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
SMD 5050	sim: 48	Wide	sim: 94 %	sim: 1.250	-
PSL440	sim: 49	Wide	sim: 94 %	sim: 1.310	-
PSL445	sim: 57	Wide	sim: 92 %	sim: 0.948	-
CLU700/701	sim: 43	Wide	sim: 88 %	sim: 1.500	Bender Wirth: 434 Typ 2x2MX HV
CXA/B 15xx	51 deg	Wide	90 %	0.900	Bender Wirth: 441 Typ 2x2MX HV
LUXEON M/MX	50 deg	Wide	93 %	1.100	-



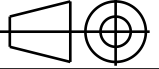
Front view

Top view

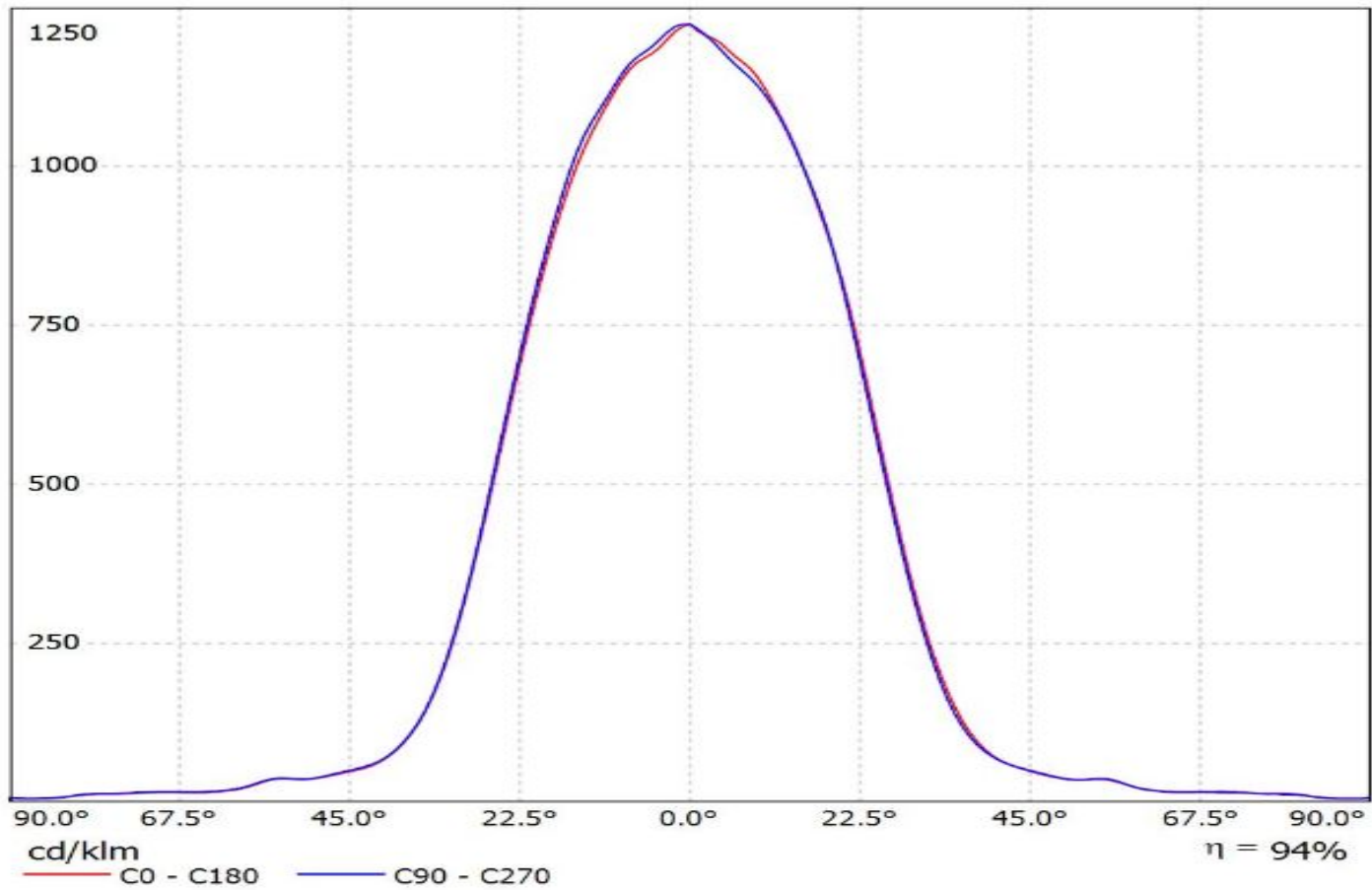
LED position

Bottom view

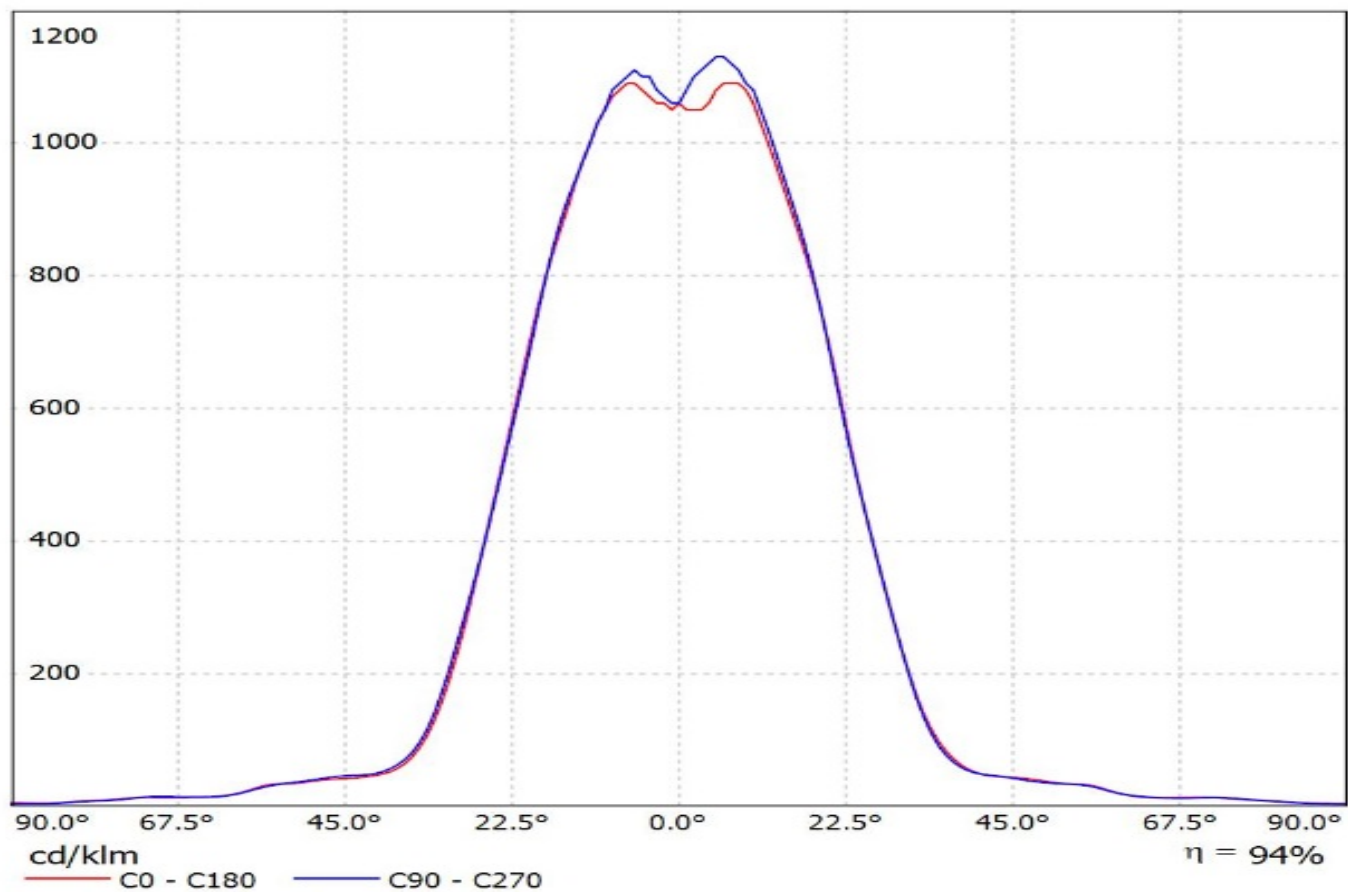
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15757	STRADA-2X2MX-8-SEAL	Silicone	
2	C15758	HB-2X2MX-8-W	PMMA	

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 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 CS15759_HB-2X2MX-8-W		
		SIZE A3	PART NUMBER CS15759	
SCALE 1:1		WEIGHT 50 g	SHEET 1/1	

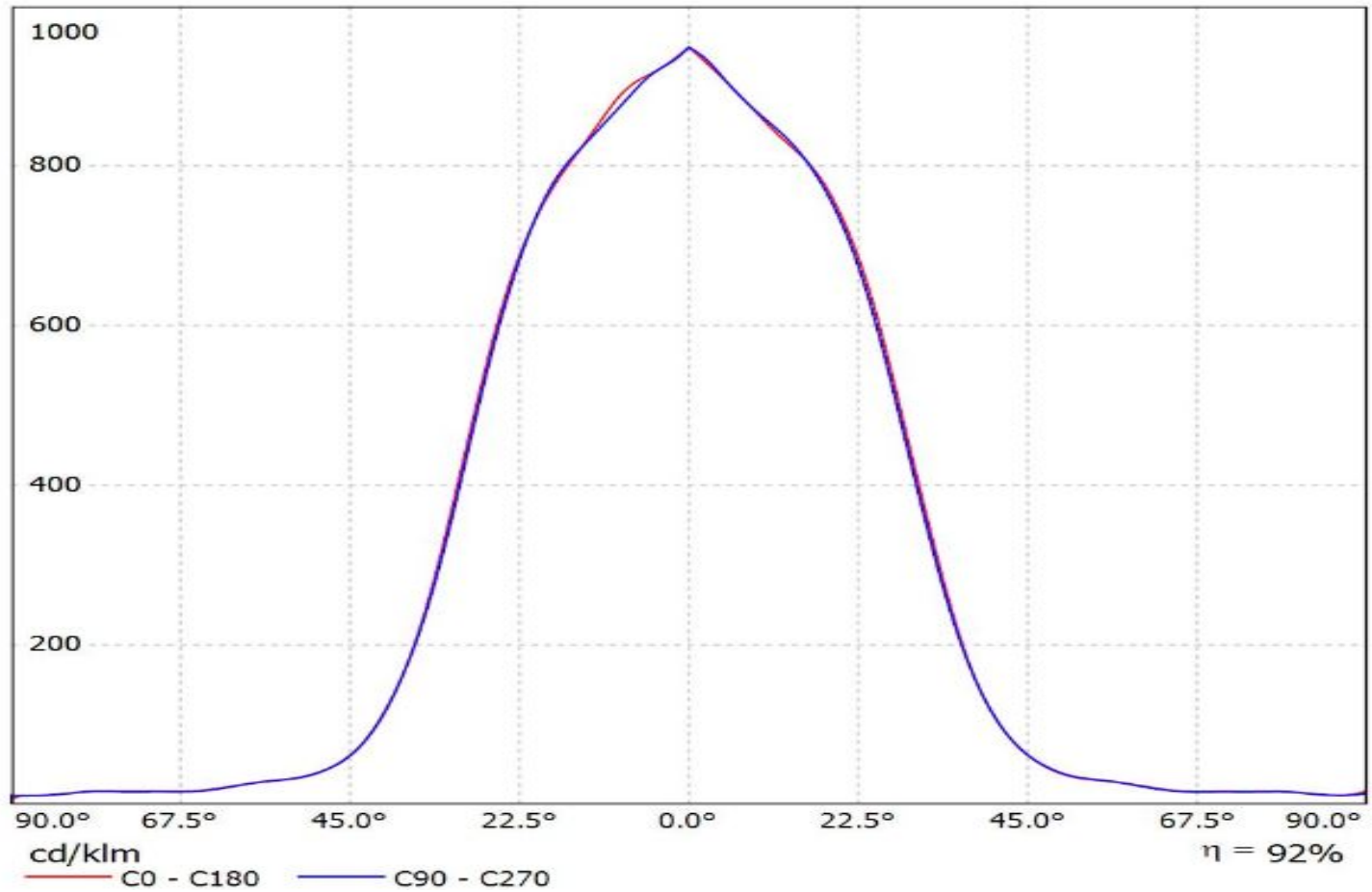
Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_BRIDGELUX_SMD_5050_SIMULATED
Lamps: 1 x BRIDGELUX SMD 5050



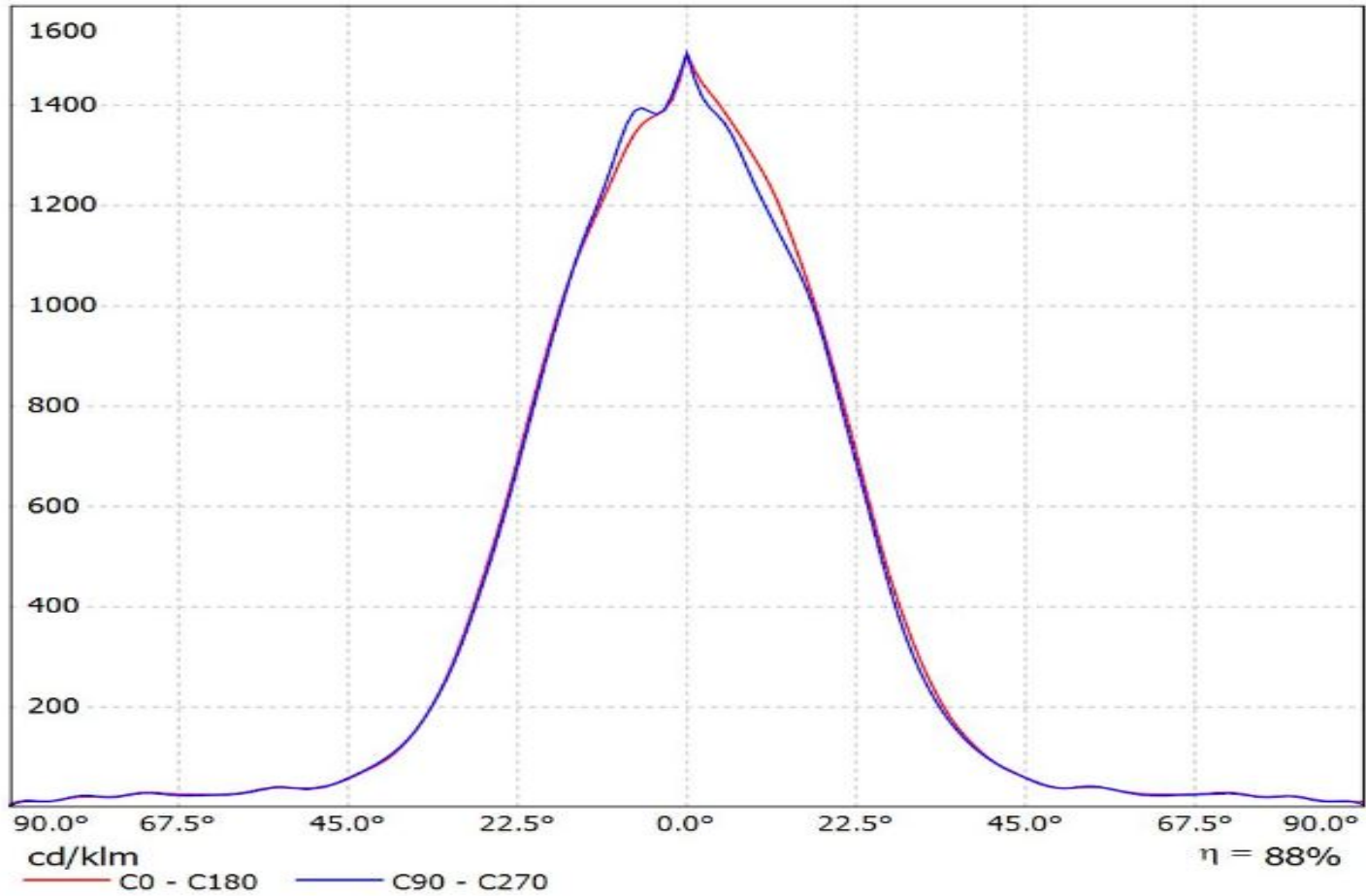
Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_(PSL440)_SIMULATED
Lamps: 1 x CITIZEN PSL440



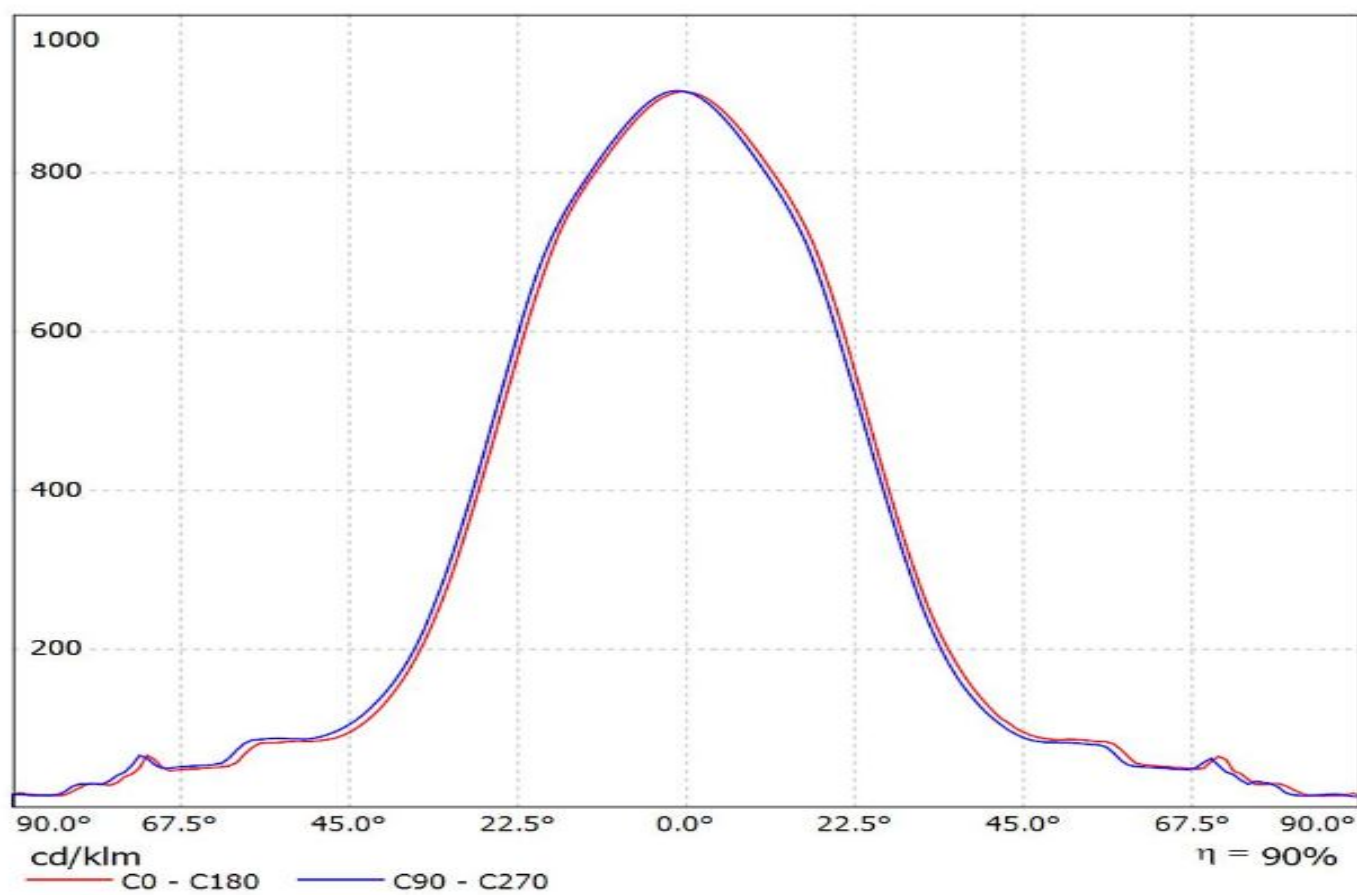
Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_(PSL445)_SIMULATED
Lamps: 1 x CITIZEN PSL445



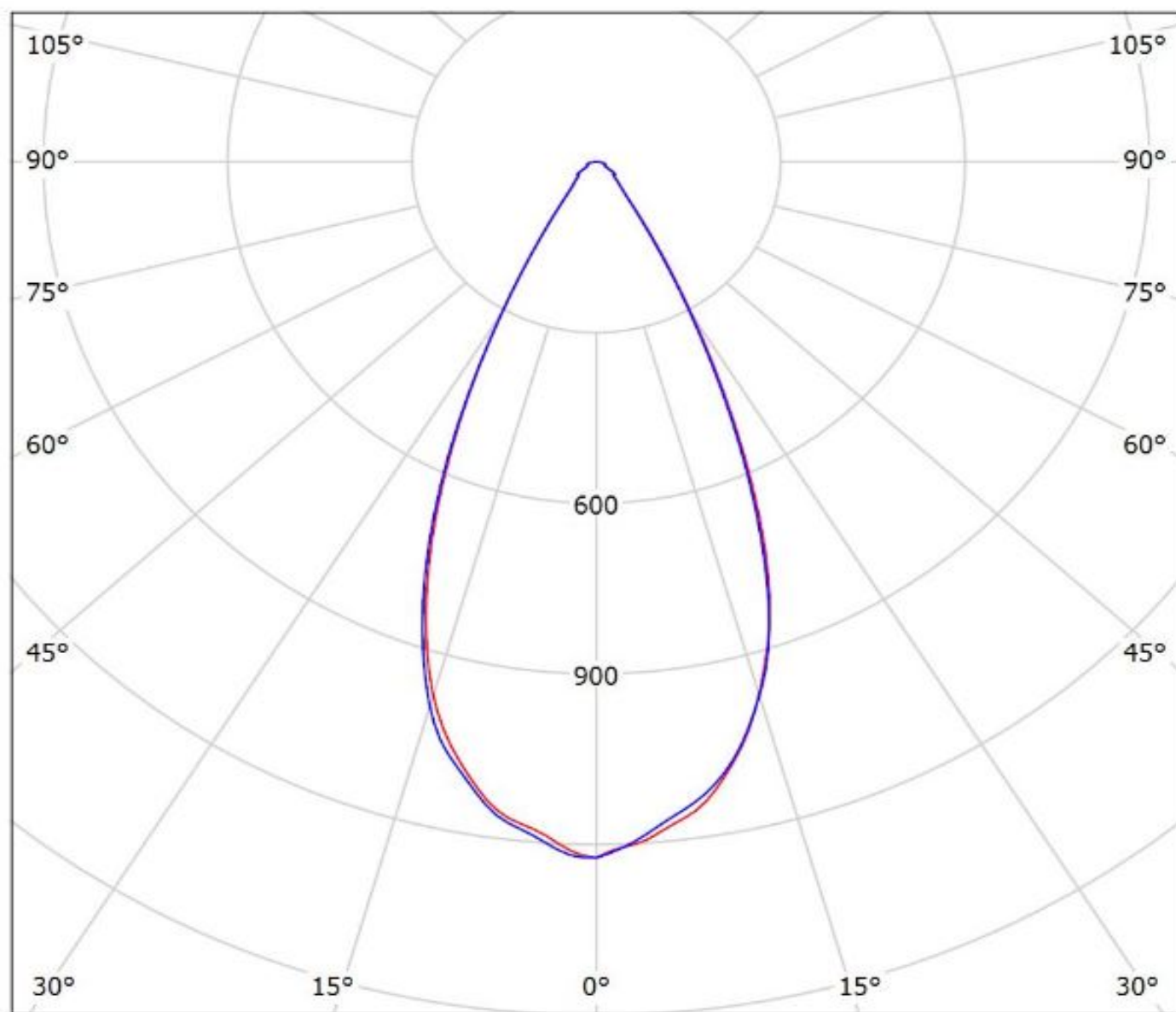
Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_(CLU701)_SIMULATED
Lamps: 1 x Citizen CLU701



Luminaire: LEDiL Oy CS15759_HB-2X2MX-8-W_(CXB1512/B+W/Mechatronix)
Lamps: 1 x Cree CXB1512_6674.19lm@700mA_P=48.3403W_I=0.700A



Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_BRIDGELUX_SMD_5050_SIMULATED
Lamps: 1 x BRIDGELUX SMD 5050



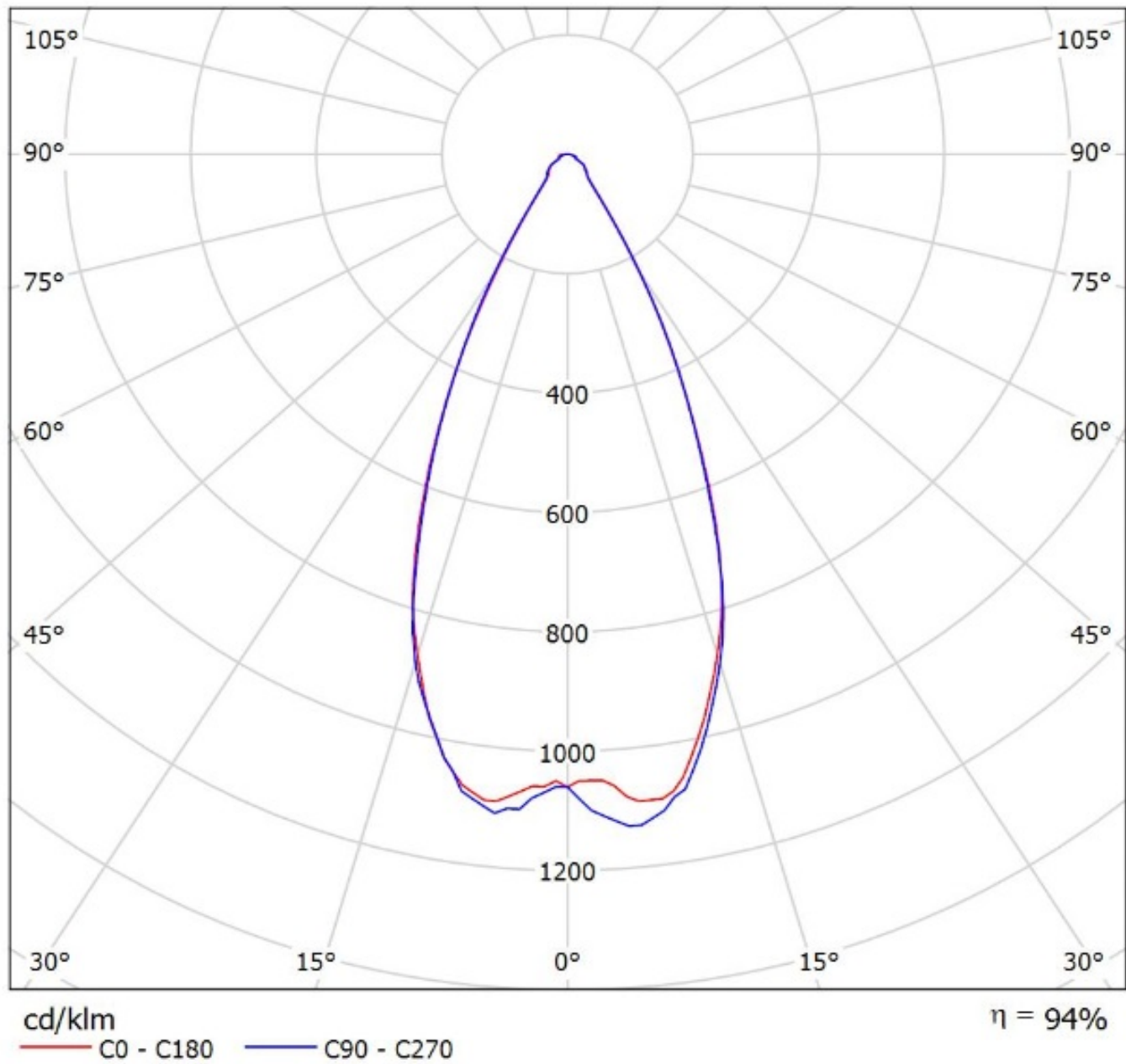
cd/klm

— C0 - C180

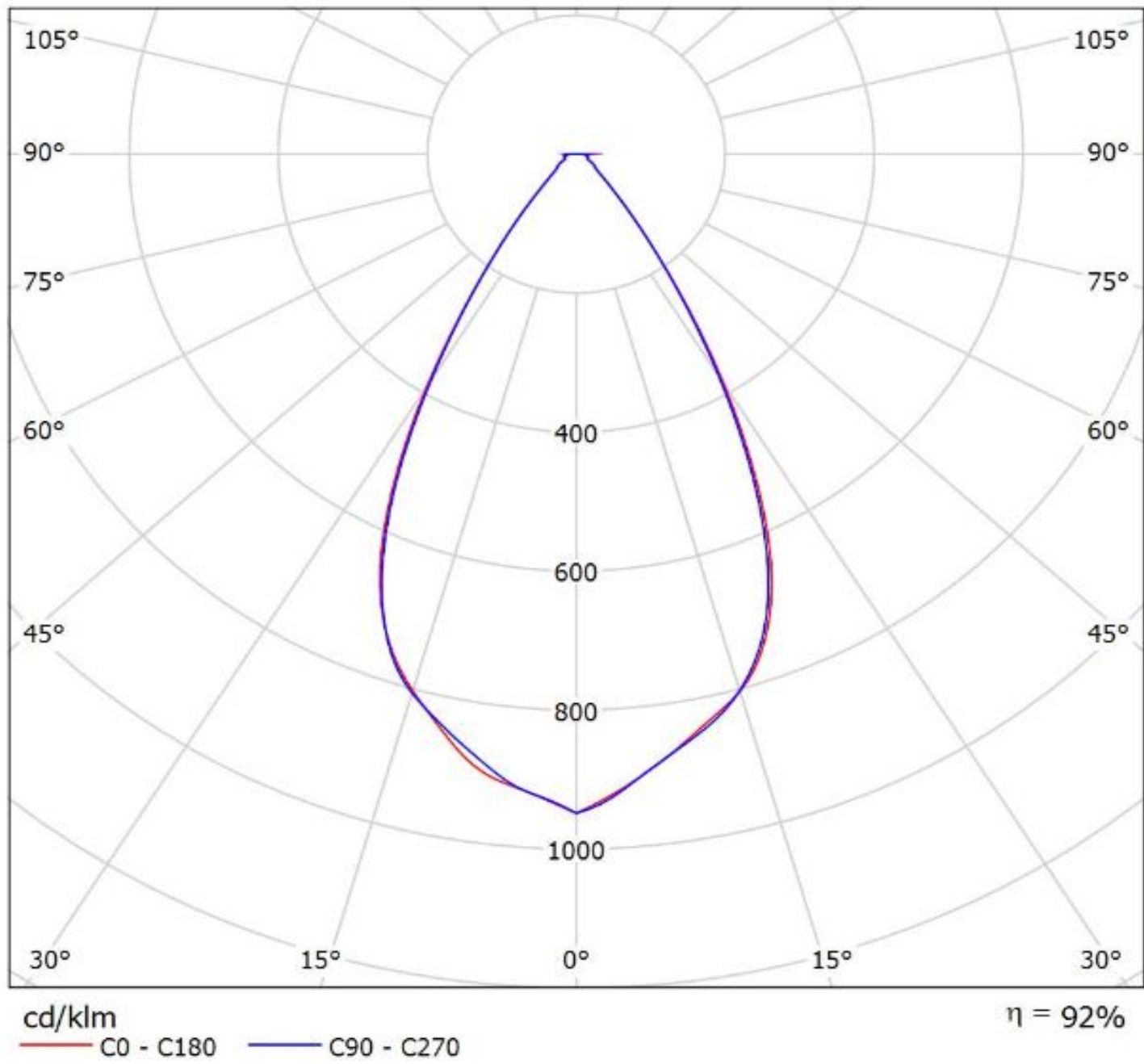
— C90 - C270

$\eta = 94\%$

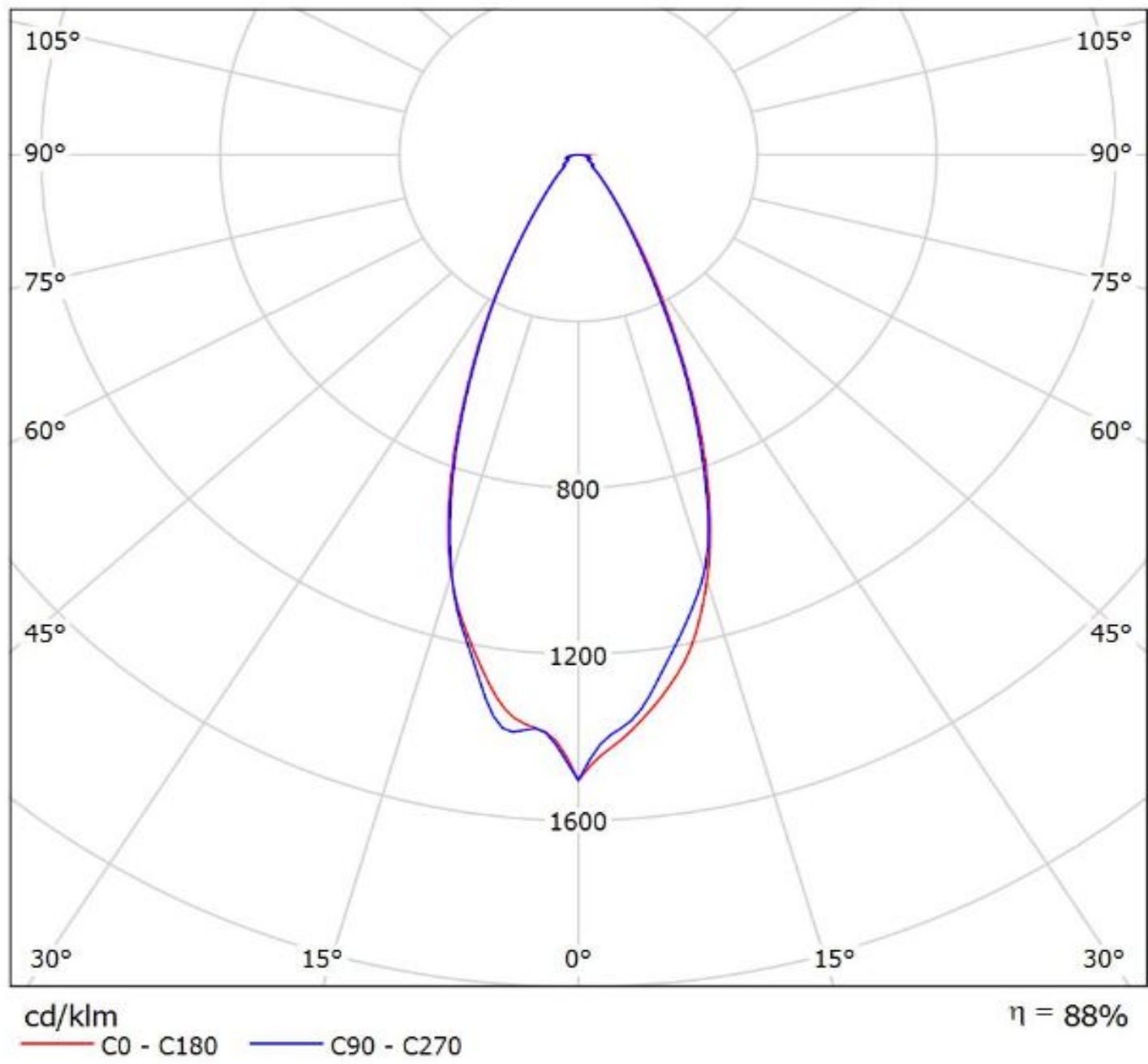
Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_(PSL440)_SIMULATED
Lamps: 1 x CITIZEN PSL440



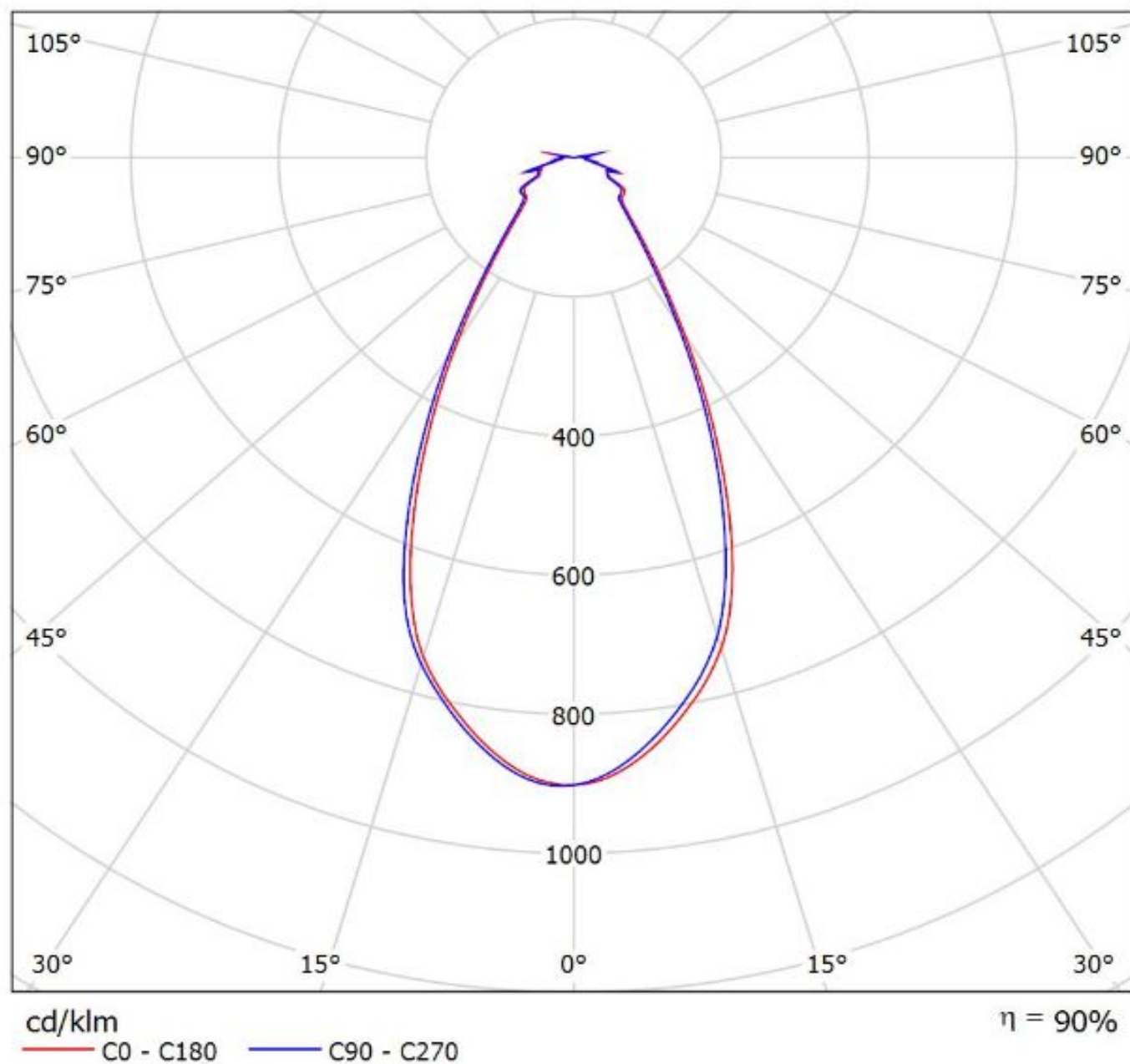
Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_(PSL445)_SIMULATED
Lamps: 1 x CITIZEN PSL445



Luminaire: Ledil Oy CS15759_HB-2X2MX-8-W_(CLU701)_SIMULATED
Lamps: 1 x Citizen CLU701



Luminaire: LEDiL Oy CS15759_HB-2X2MX-8-W_(CXB1512/B+W/Mechatronix)
Lamps: 1 x Cree CXB1512_6674.19lm@700mA_P=48.3403W_I=0.700A



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.