

## DETAILS

Product Number	FCA14933_SAGA-S-WHT
Family	Saga
Type	Pack
Color	white
Diameter	50 mm
Height	13,7 mm
Style	round
Optic Material	Silicone
Holder Material	
Fastening	screw
Status	sample approved
ROHS Compliant	Yes
Date Updated	1/12/2016



## OPTICAL PROPERTIES

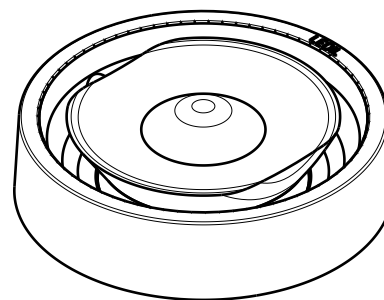
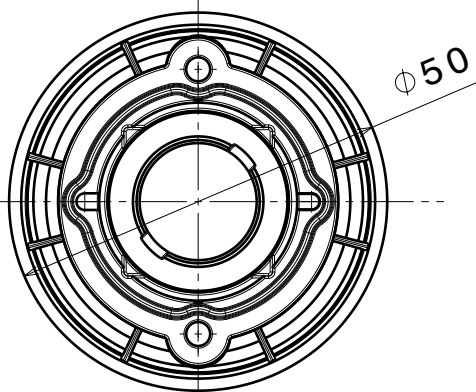
LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
CXA/B 15xx	26 deg	Spot	94 %	2.700	-
CXA/B 1816 & CXA/B 1820 & CXA 1850 34 deg		Spot	94 %	1.650	-
CXA/B 13xx	sim: 15	Spot	sim: 94 %	sim: 7.100	-
LC010C	sim: 30	Spot	sim: 91 %	sim: 3.400	Bender Wirth: 479 Typ L6
LC020C	sim: 36	Spot	sim: 88 %	sim: 2.200	Bender Wirth: 479 Typ L6
LC040C	sim: 44	Spot	sim: 87 %	sim: 1.400	Bender Wirth: 480 Typ L6

D

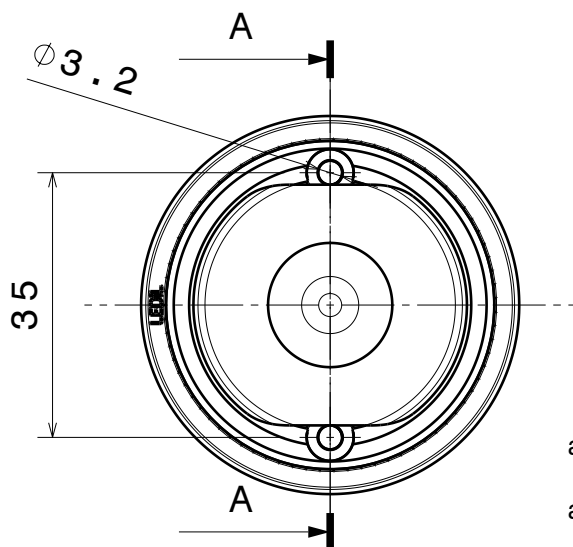
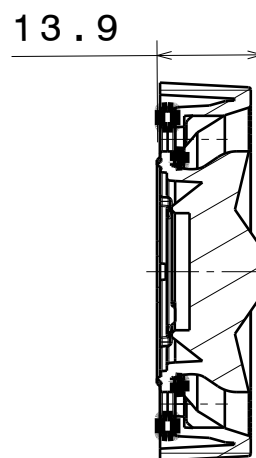
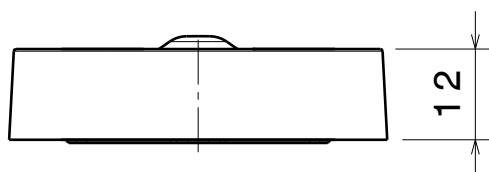
C

B

A



Isometric view  
Scale: 1:1



NOTES:

Maximum recommended tightening torque for SAGA-FRAME is 0,4Nm

The final IP-rating is dependant of the whole luminaire design and some solutions may need additional potting or covering elements in order to achieve desired level of protection. To achieve fully sealed protection LEDiL recommends to fasten SAGA holder directly on the heatsink.

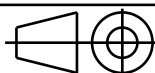
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14908	SAGA-S	Optical grade LSR	clear
2	C13591	SAGA-FRAME-WHT	HRPC	white

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

FCN14933\_SAGA-S-WHT

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SIZE PART NUMBER

A4

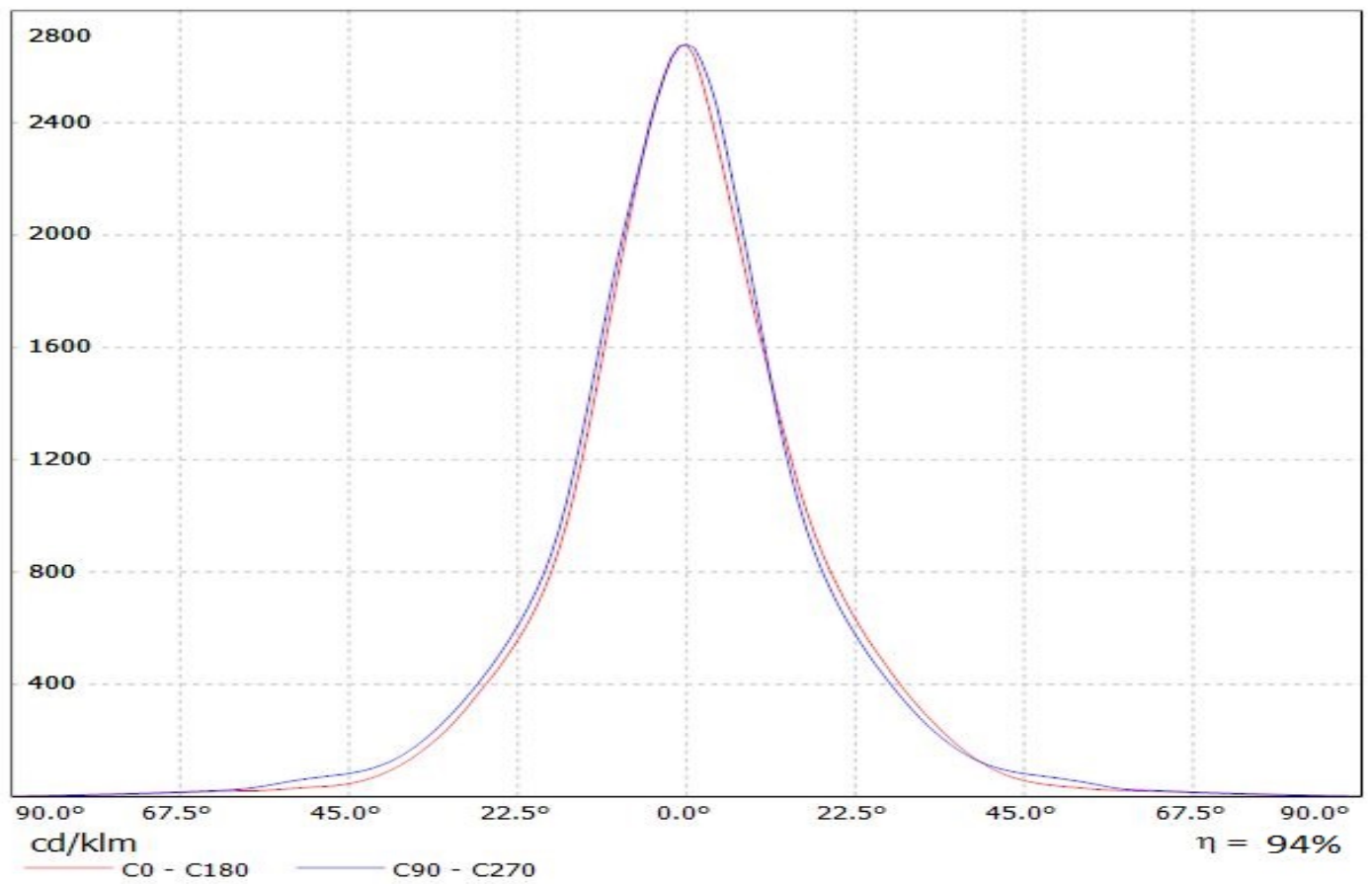
SAGA-S-WHT

SCALE 1:1 WEIGHT 19,69 g SHEET 1/1

D

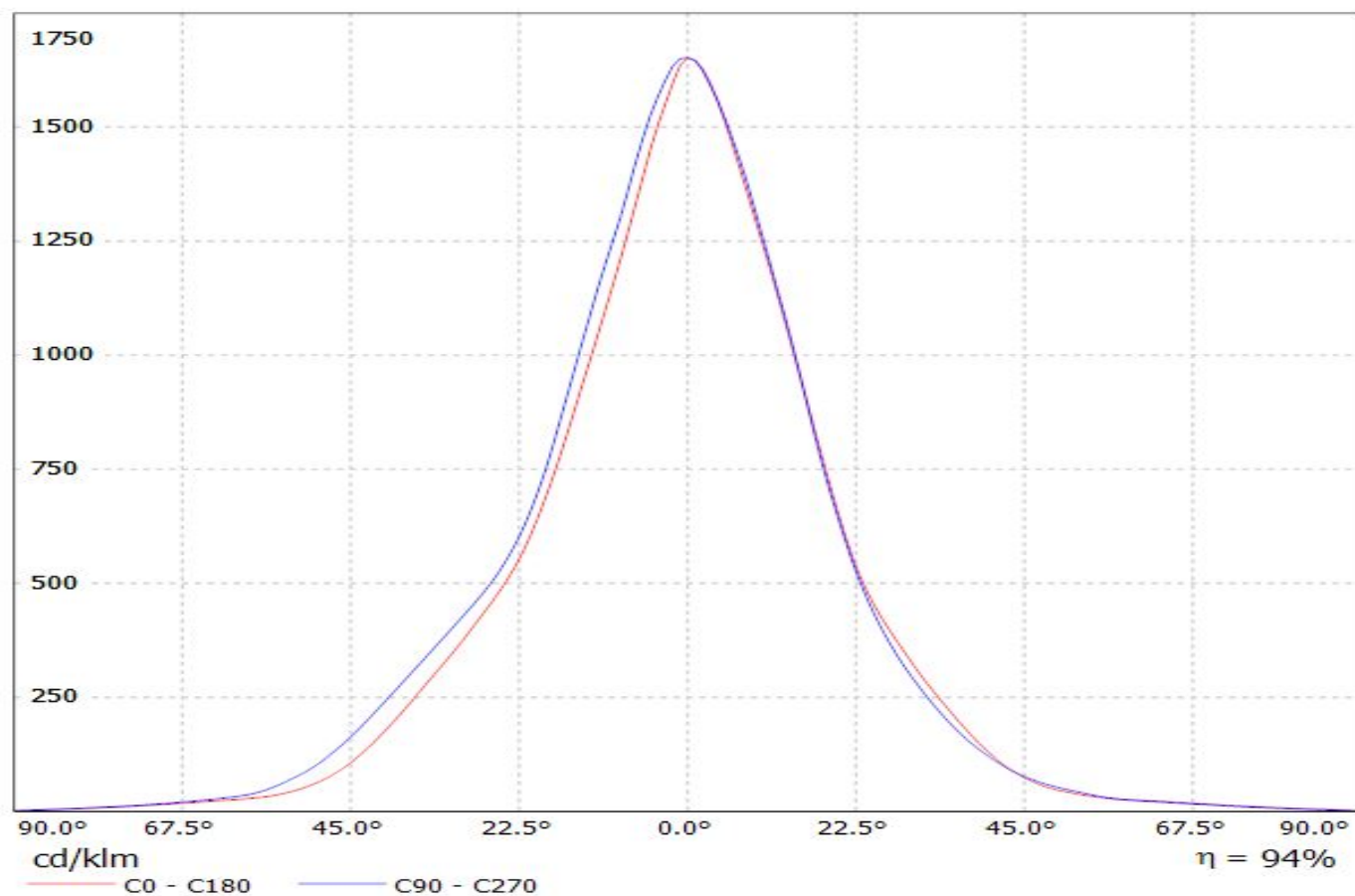
A

Luminaire: LEDiL Oy F14908\_SAGA-S\_(CXA1520)\_C1  
Lamps: 1 x Cree\_CXA1520\_(CXA1520-30F-N4-N0H-0001)\_915.861lm@250mA\_P=8.27837W\_I=0.250A

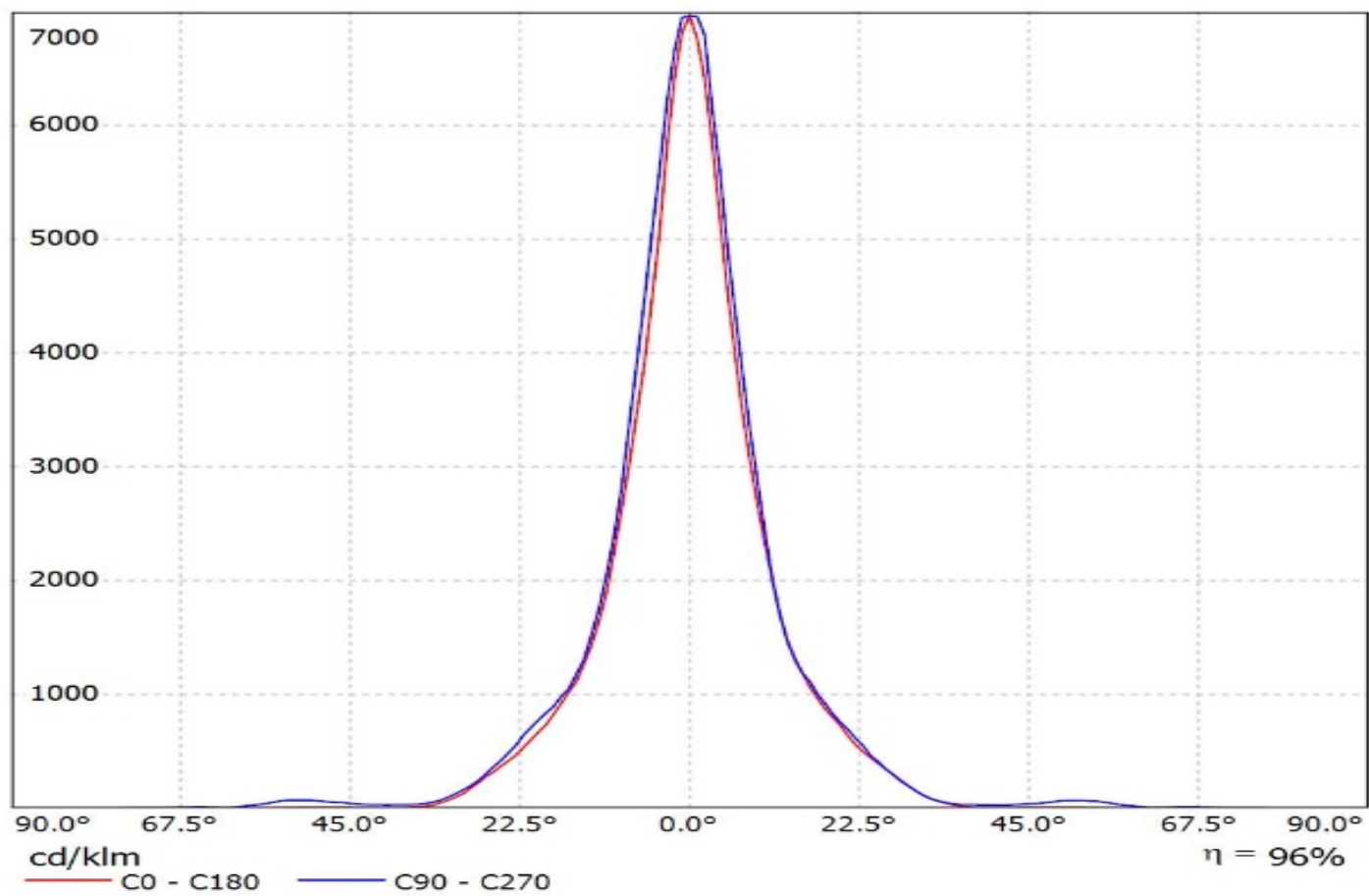


Luminaire: LEDiL Oy F14908\_SAGA-S\_(CXA1816)\_C1

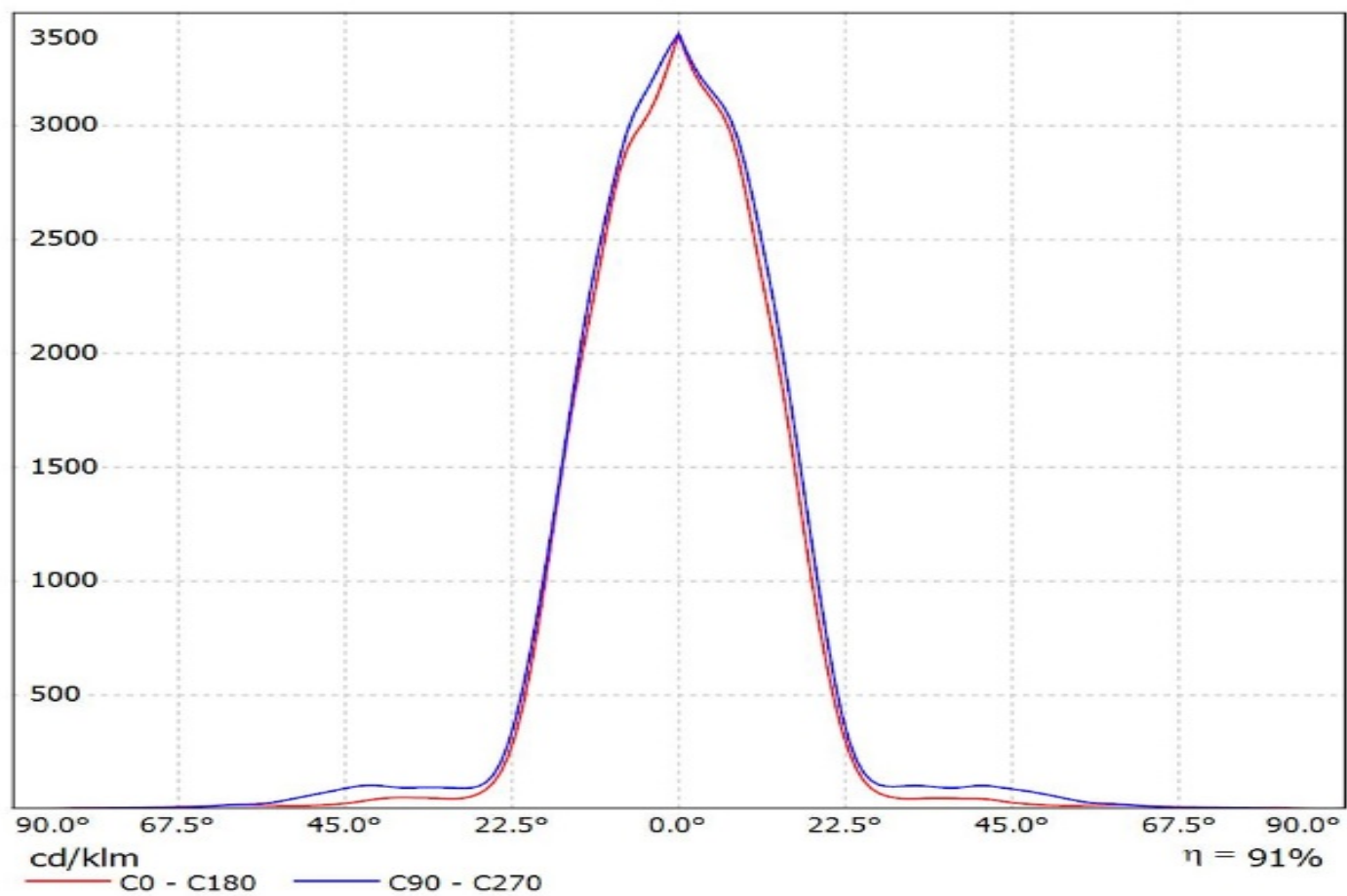
Lamps: 1 x CXA1816\_(CXA1816\_(SOF-P4-N0H-00001))\_1117.67lm@250mA\_P=8.61635W\_I=0.250A



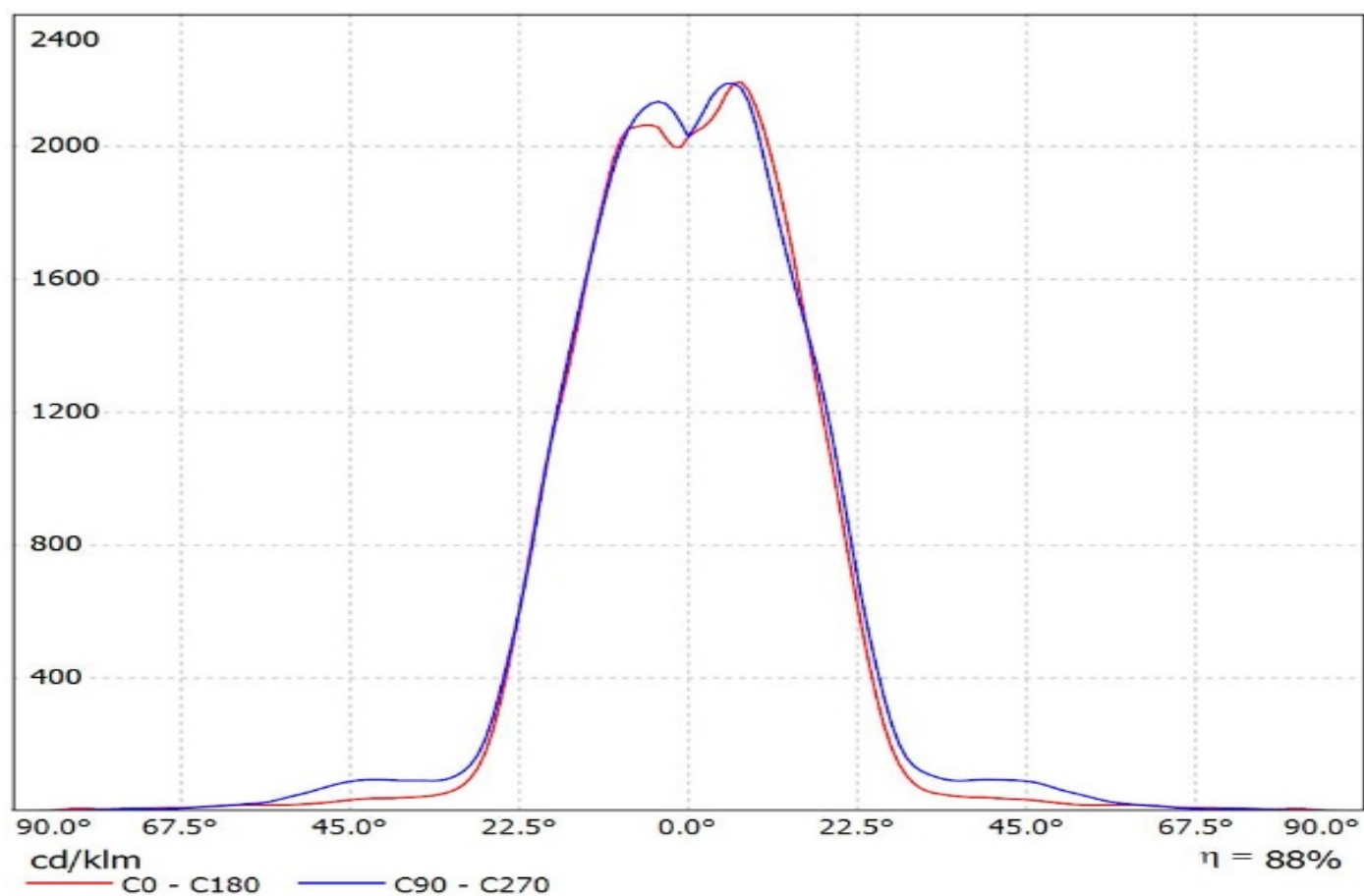
Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(CXB1310)\_SIMULATED  
Lamps: 1 x Cree CXB1310



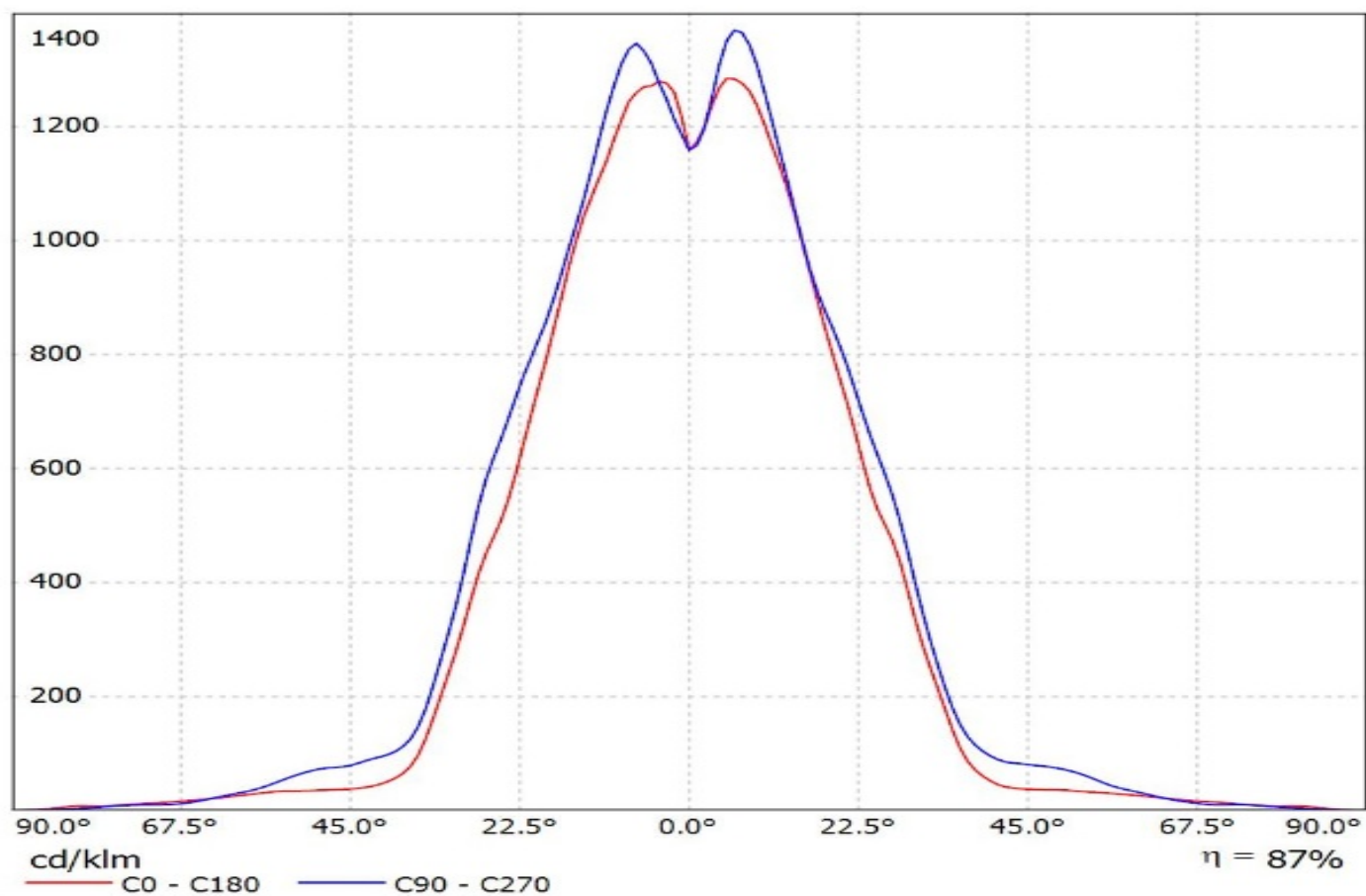
Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(LC010C)\_(B+W\_479\_Typ\_L6)\_SIMULATED  
Lamps: 1 x Samsung LC010C + Bender & Wirth 479 Type L6



Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(LC020C)\_(B+W\_479\_Typ\_L6)\_SIMULATED  
Lamps: 1 x Samsung LC020C + Bender & Wirth Bender & Wirth 479 TYP L6



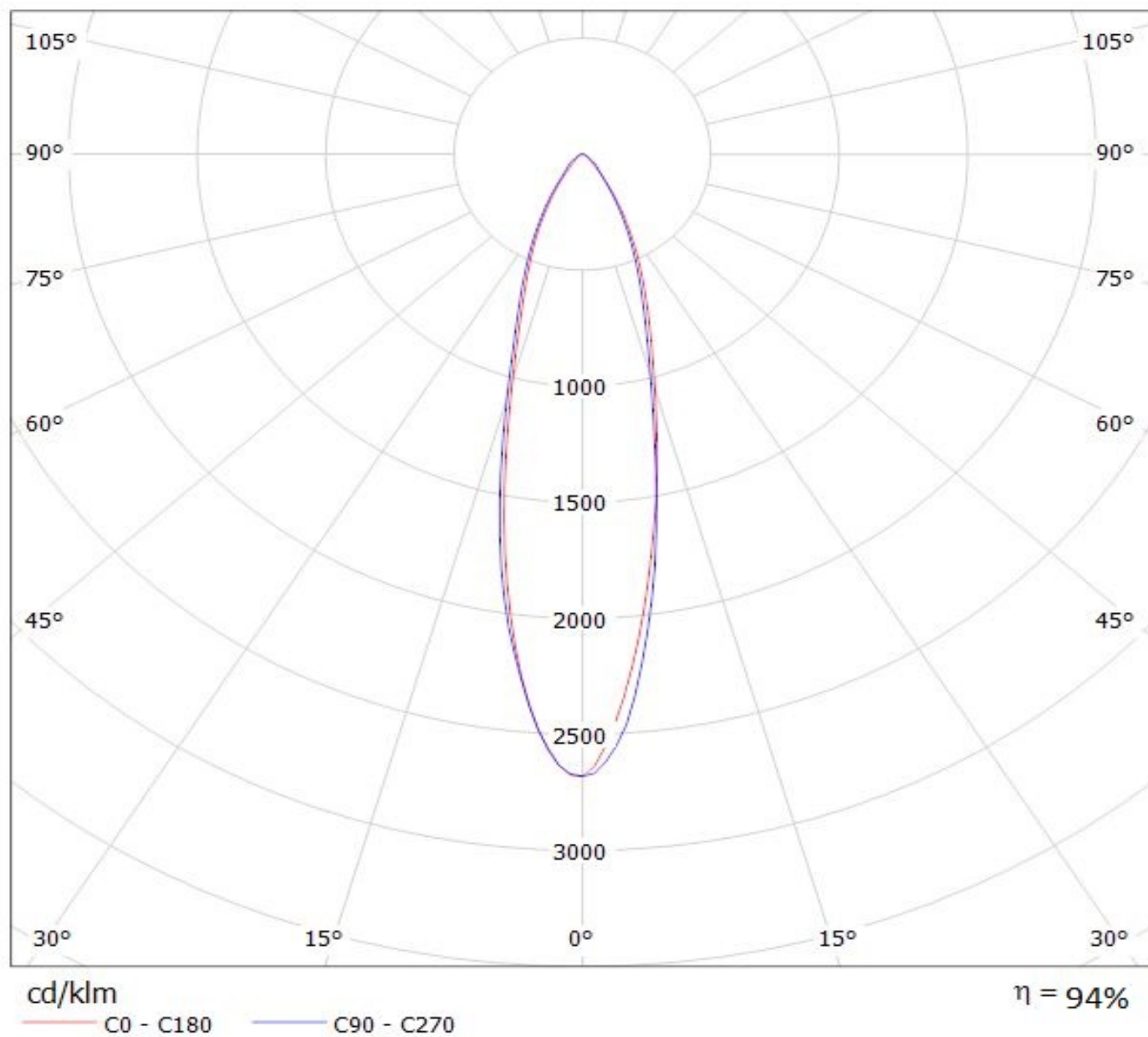
Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(LC040C)\_(B+W\_480\_Typ\_L6)\_SIMULATED  
Lamps: 1 x Samsung LC040C + Bender & Wirth Bender & Wirth 480 TYP L6





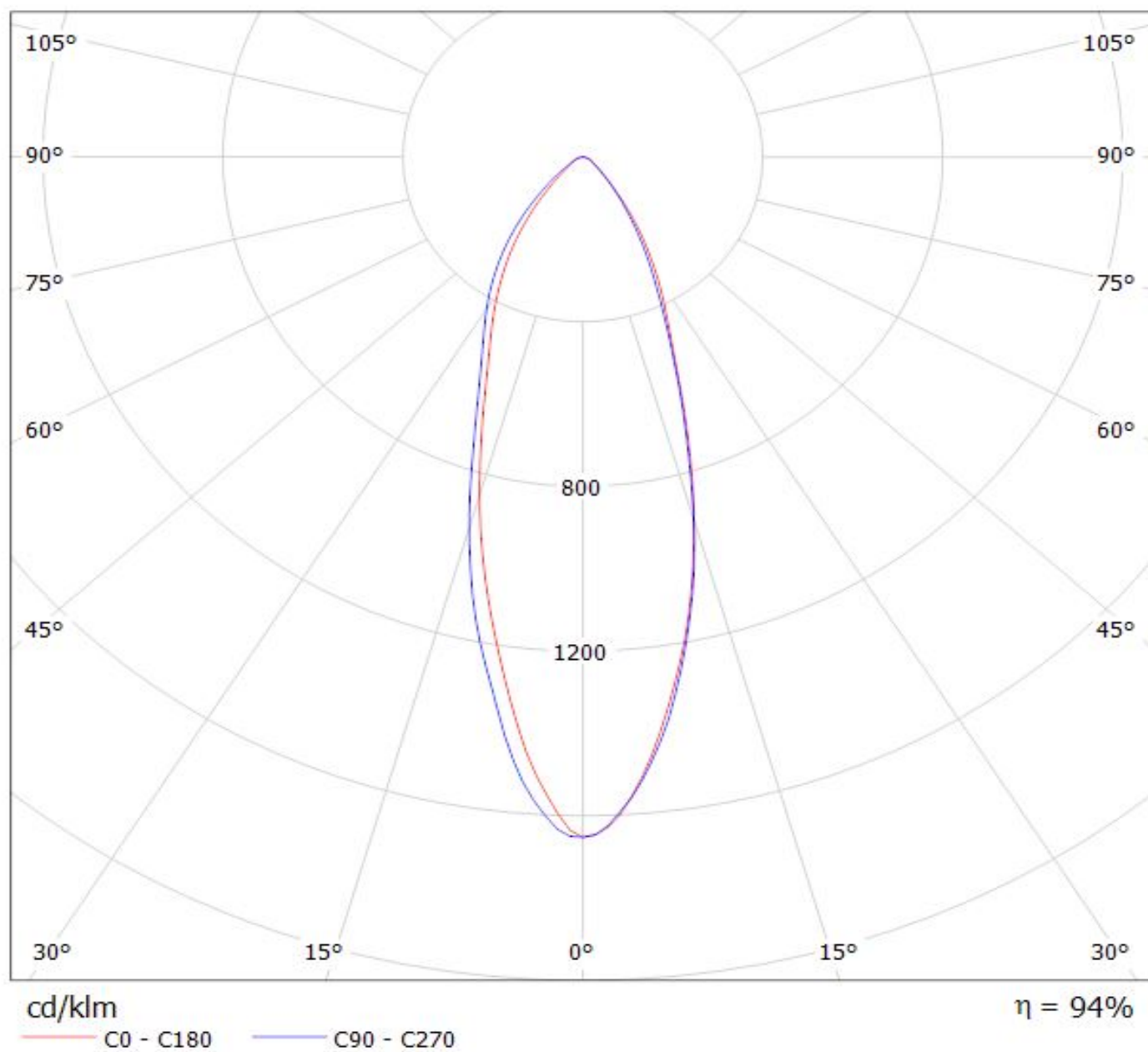
Luminaire: LEDiL Oy F14908\_SAGA-S\_(CXA1520)\_C1

Lamps: 1 x Cree\_CXA1520\_(CXA1520-30F-N4-N0H-0001)\_915.86lm@250mA\_P=8.27837W\_I=0.250A

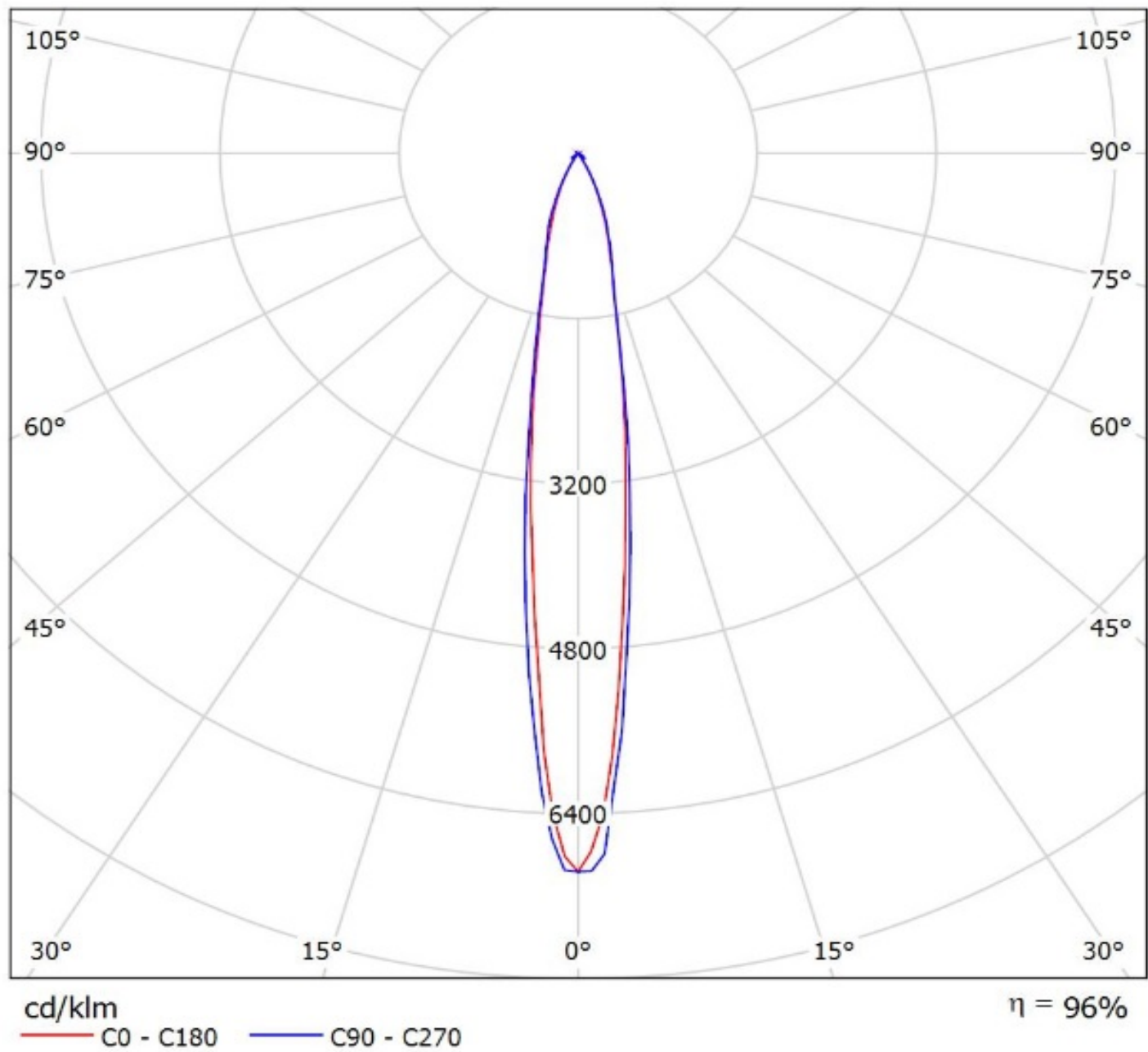


Luminaire: LEDiL Oy F14908\_SAGA-S\_(CXA1816)\_C1

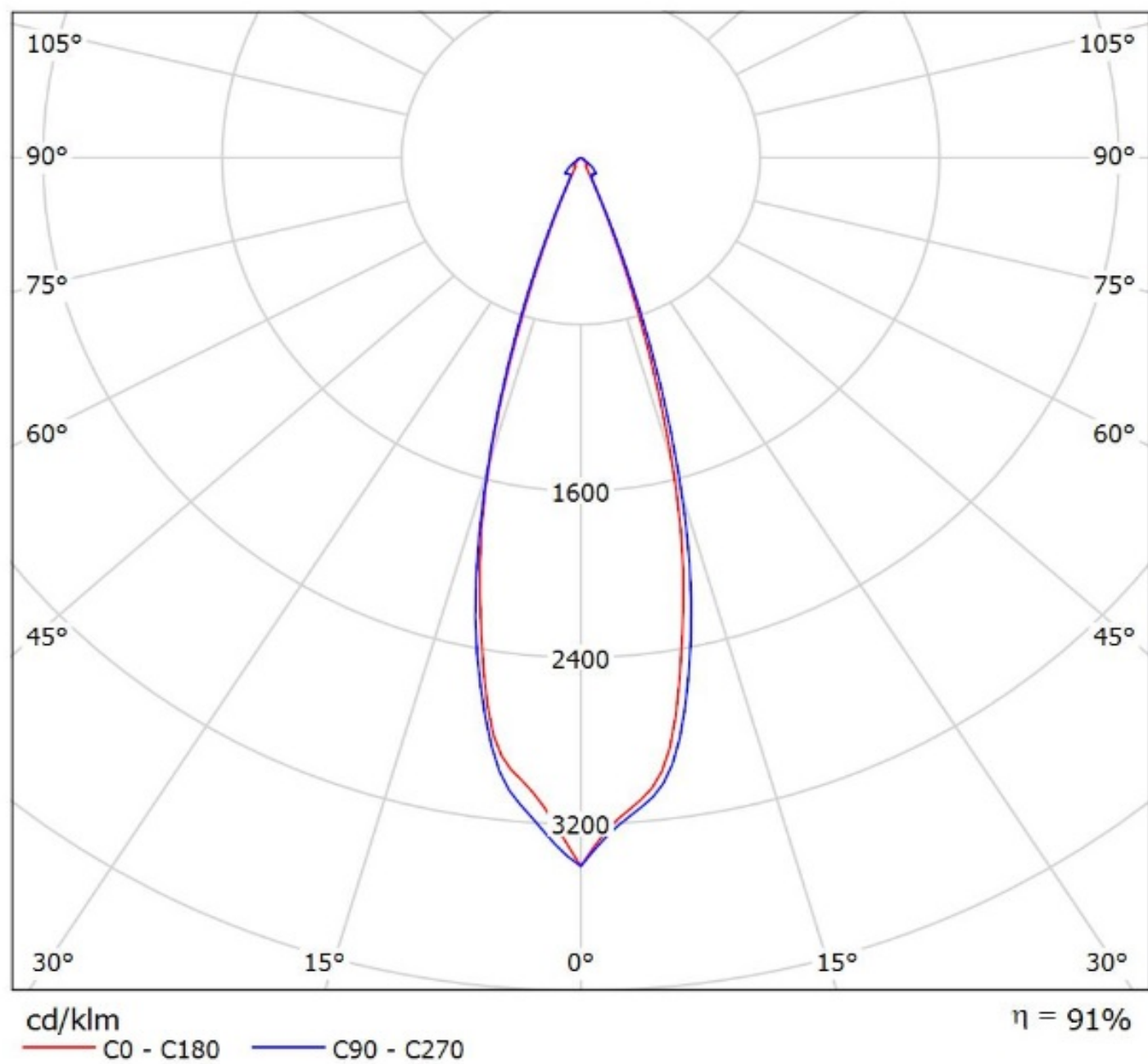
Lamps: 1 x CXA1816\_(CXA1816\_(SOF-P4-N0H-00001))\_1117.67lm@250mA\_P=8.61635W\_I=0.250A



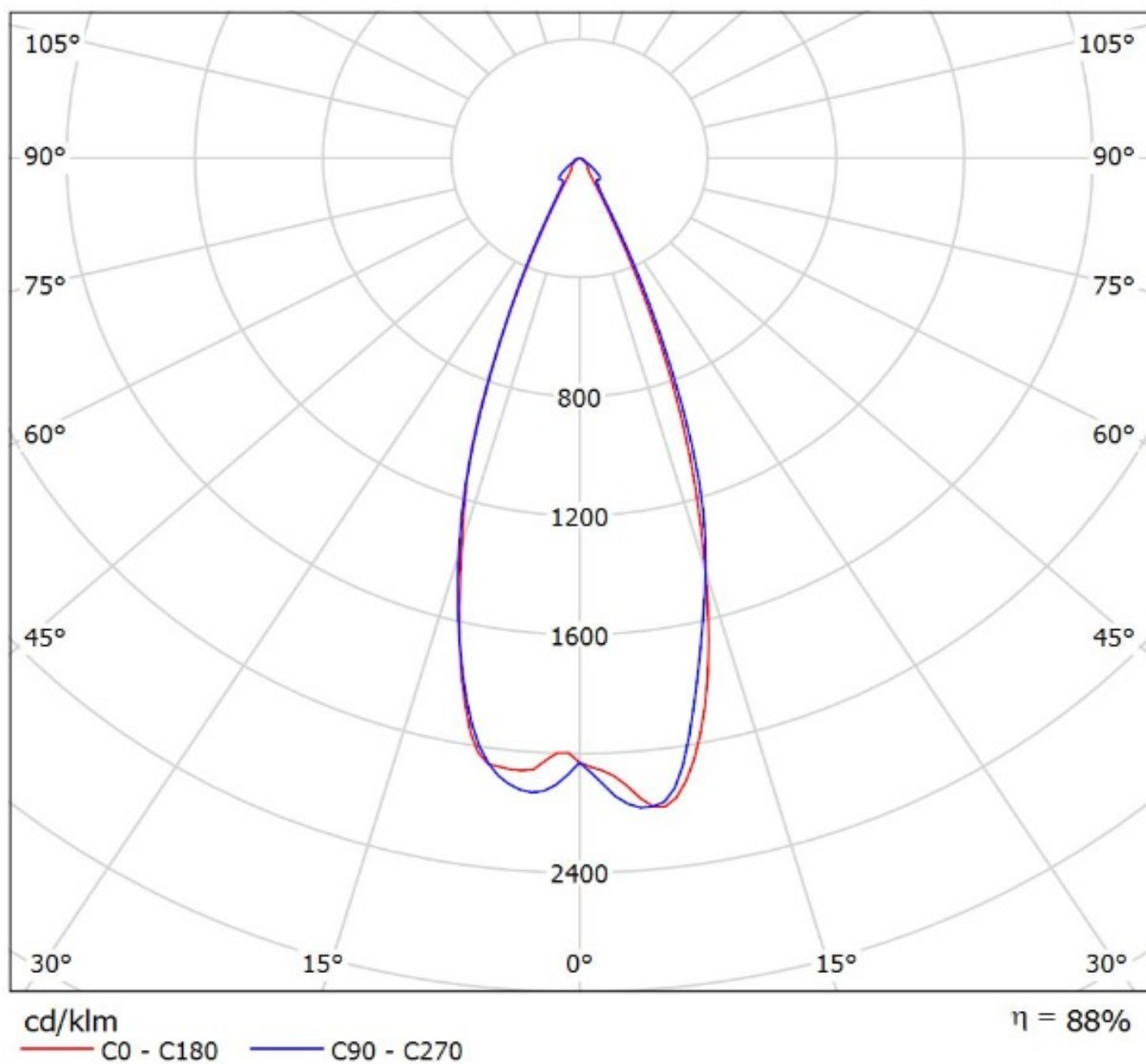
Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(CXB1310)\_SIMULATED  
Lamps: 1 x Cree CXB1310



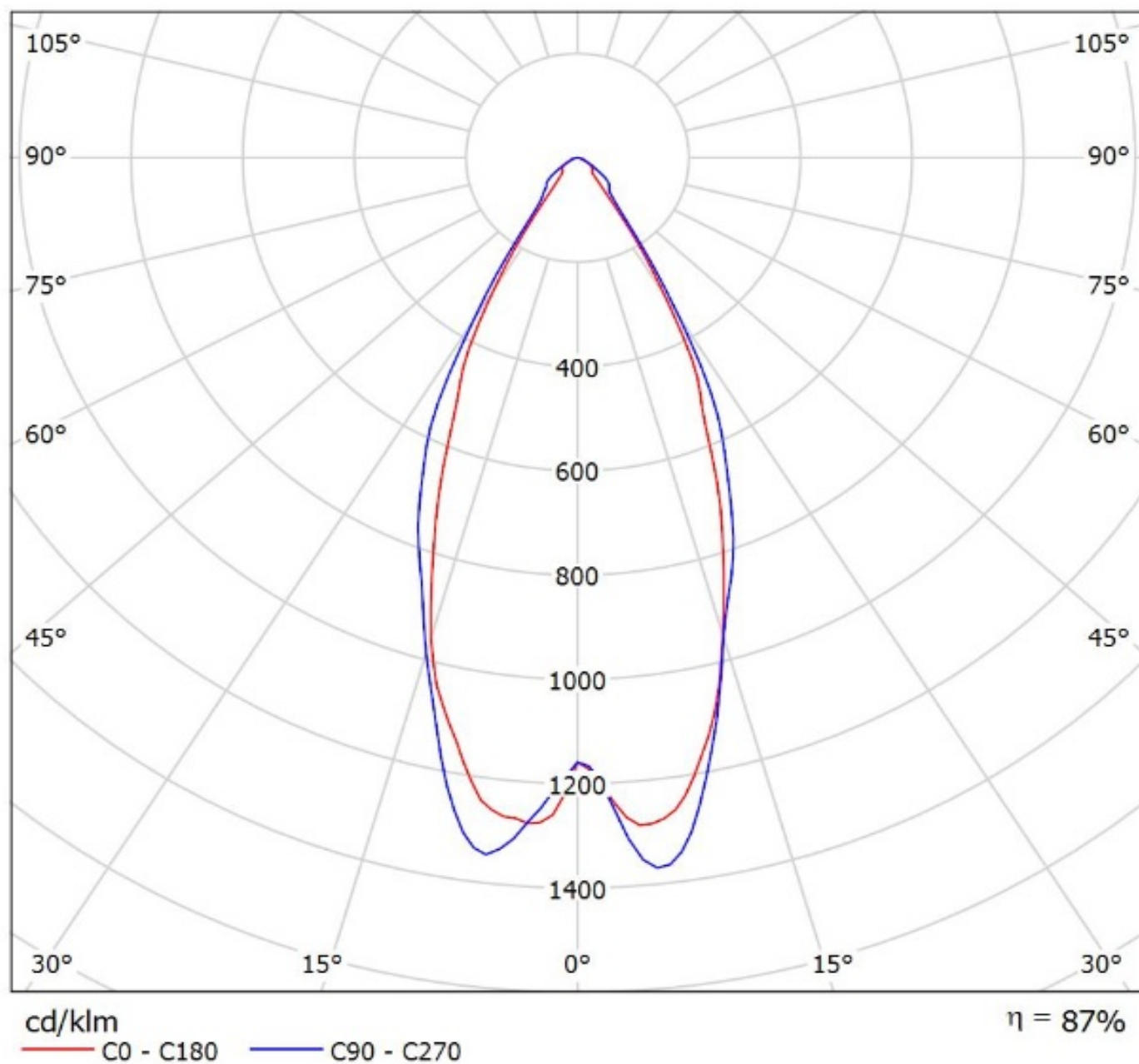
Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(LC010C)\_(B+W\_479\_Typ\_L6)\_SIMULATED  
Lamps: 1 x Samsung LC010C + Bender & Wirth 479 Type L6



Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(LC020C)\_(B+W\_479\_Typ\_L6)\_SIMULATED  
Lamps: 1 x Samsung LC020C + Bender & Wirth Bender & Wirth 479 Typ L6



Luminaire: Ledil Oy FCN14933\_SAGA-S-WHT\_(LC040C)\_(B+W\_480\_Typ\_L6)\_SIMULATED  
Lamps: 1 x Samsung LC040C + Bender & Wirth Bender & Wirth 480 TYP L6



**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.