

DETAILS

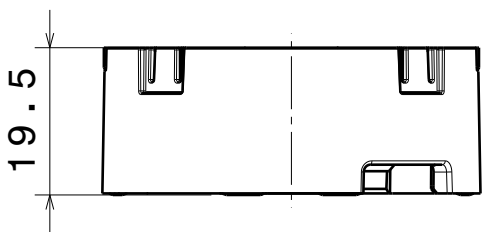
Product Number	CN15824_WINNIE-M-C
Family	Winnie
Type	Assembly
Color	black
Diameter	mm
Height	19,5 mm
Style	
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	29/09/2017



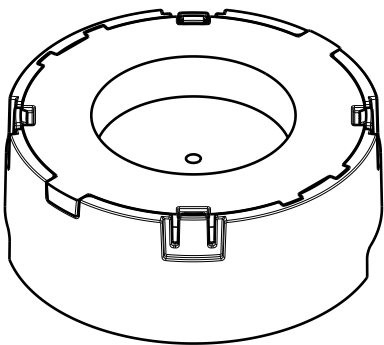
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
V6 Gen6	26 deg	Medium	80 %	2.600	LEDiL: F15253_HEKLA-SOCKET-A
Vesta TW 9mm (12W)	40 deg	Medium	75 %	1.300	Bender Wirth: 489 Typ L8
CLL02x/CLU02x (LES10)	34 deg	Medium	77 %	1.600	LEDiL: F15255_HEKLA-SOCKET-C
CLC030 Series (Dim-To-Warm)	47 deg	Medium	73 %	0.920	LEDiL: C16142_HEKLA-SOCKET-K
CLC020 Series (Dim-To-Warm)	41 deg	Medium	76 %	1.300	LEDiL: C16142_HEKLA-SOCKET-K
CXA/B 13xx	27 deg	Medium	81 %	2.600	LEDiL: F15956_HEKLA-SOCKET-J
LC020C	32 deg	Medium	80 %	1.800	-
LC010C	28 deg	Medium	79 %	2.200	LEDiL: F15848_HEKLA-SOCKET-G
COB D Series LES 9.8 mm	35 deg	Medium	79 %	1.500	LEDiL: F15255_HEKLA-SOCKET-C
COB D Series LES 14.5 mm	48 deg	Medium	75 %	0.900	LEDiL: F15859_HEKLA-SOCKET-I

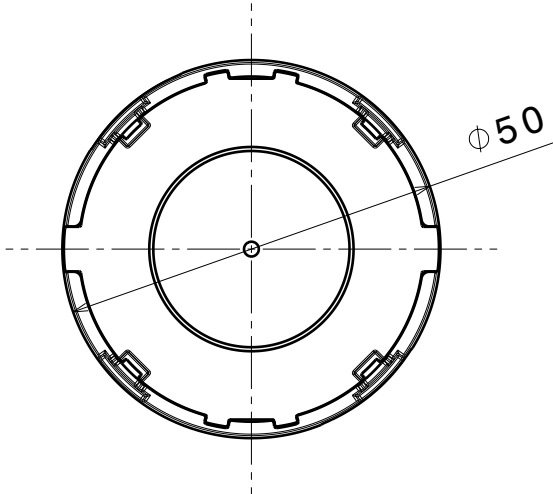
D C B A



Front view



Isometric view



Top view

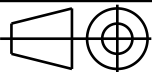
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15821	WINNIE-HLD-C	PA66GF30	black
2	-	WINNIE LENS	PMMA	

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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

WINNIE-C series

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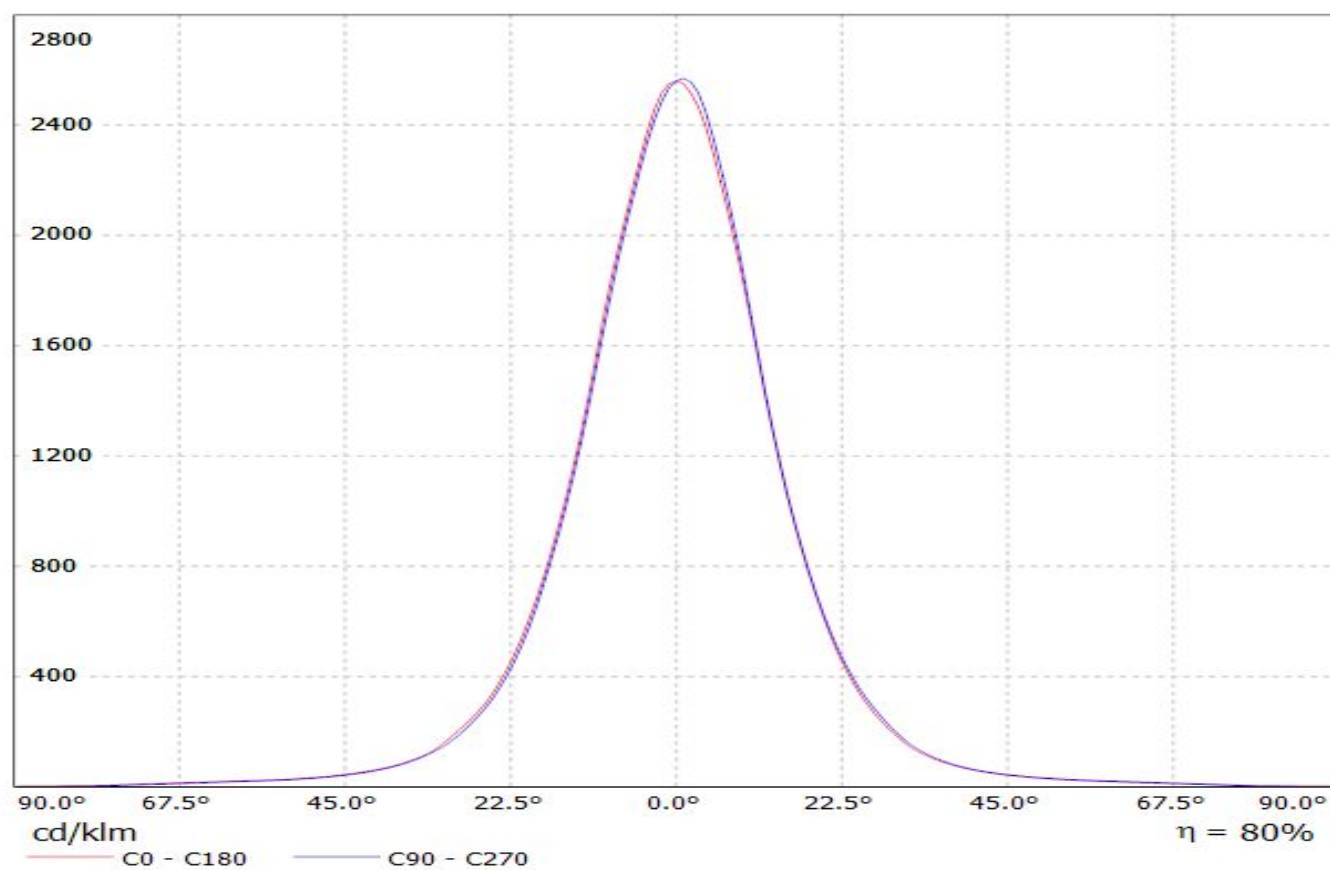
SIZE	PART NUMBER
A4	-

SCALE	1 : 1	WEIGHT	23 g	SHEET	1 / 1
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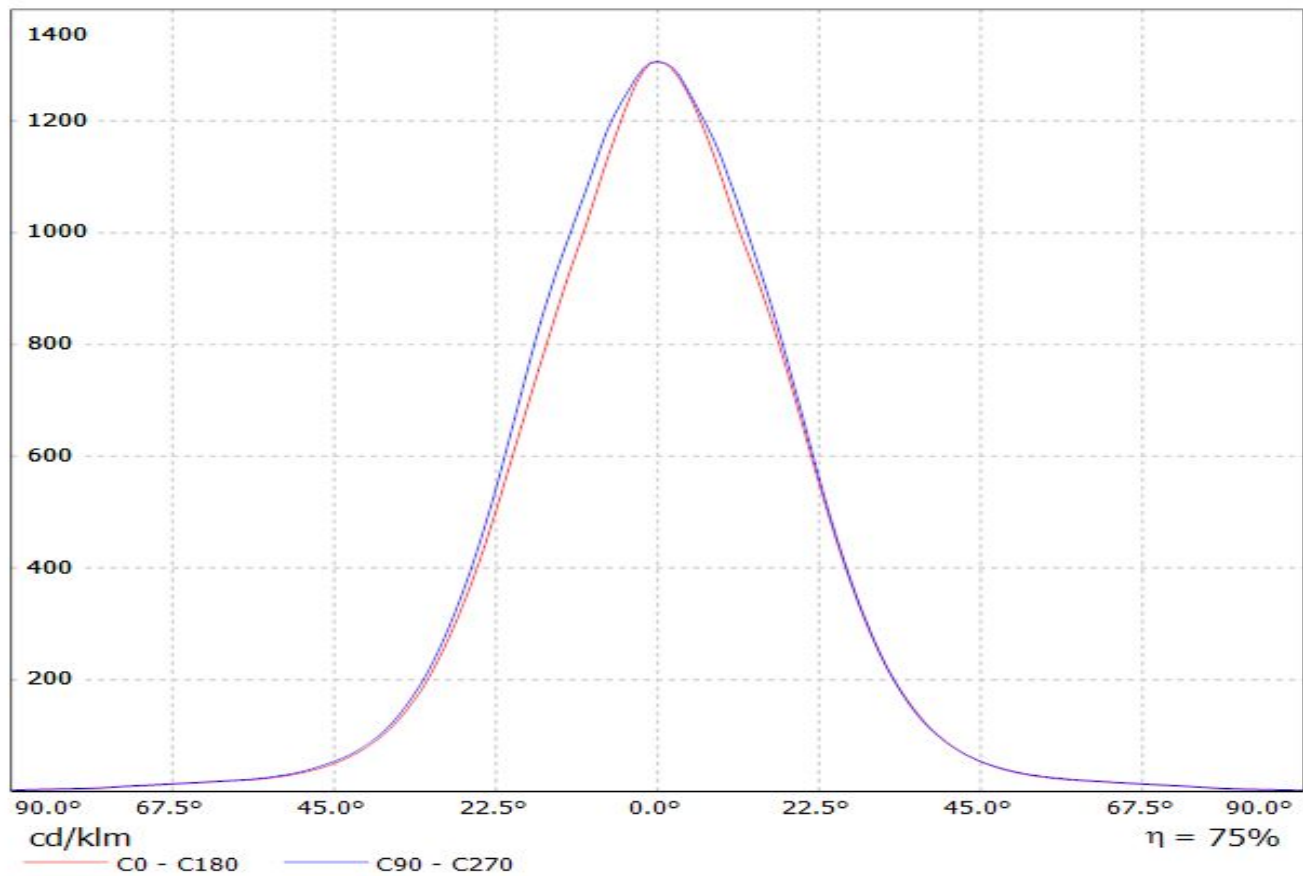
D A

Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(V6_Gen6)

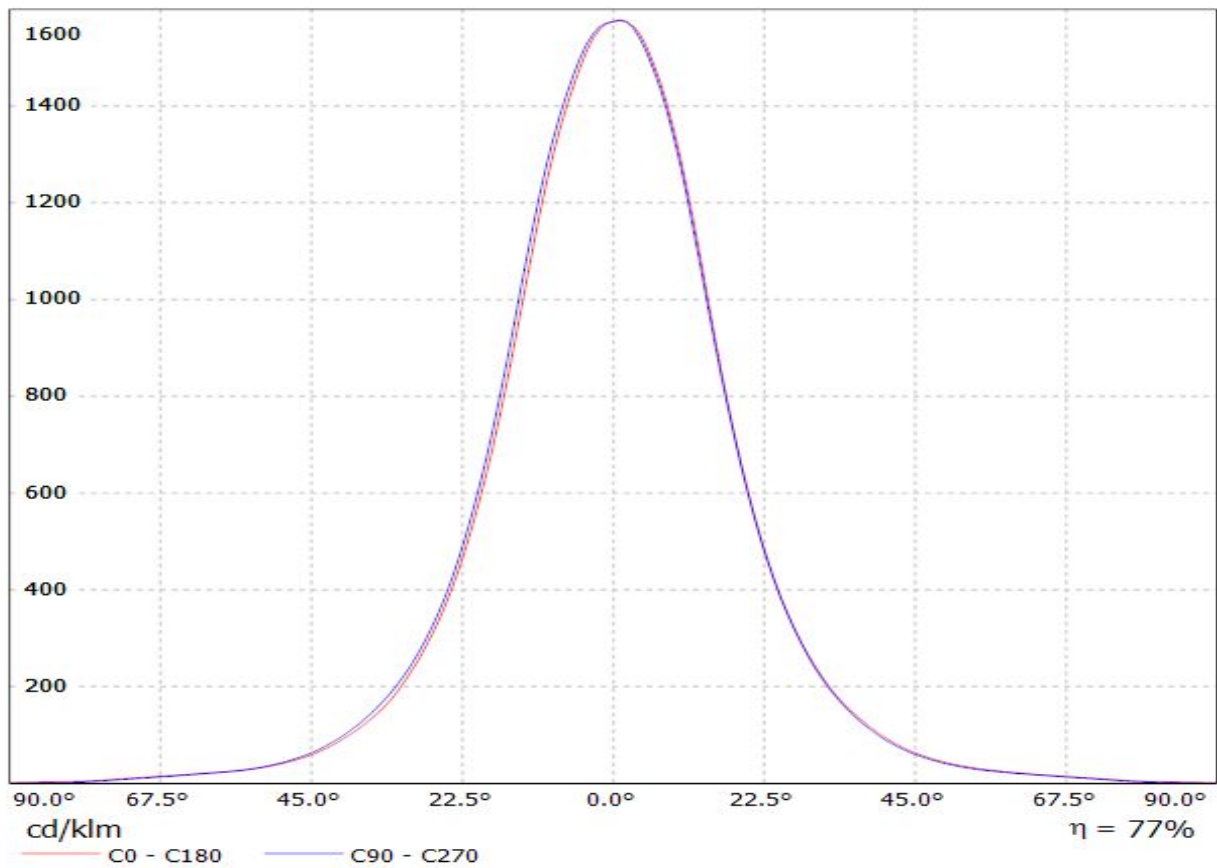
Lamps: 1 x Bridgelux_V6_Gen6_(BXRE-30E0400-A-23)+F15253_499.196lm@250mA_P=4.57901W_I=0.25A



Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(Vesta_TW_9mm)
Lamps: 1 x Bridgelux_Vesta_9mm_(12W)_tunable_white_1147.8lm@700mA_P=11.7839W_I=0.7A

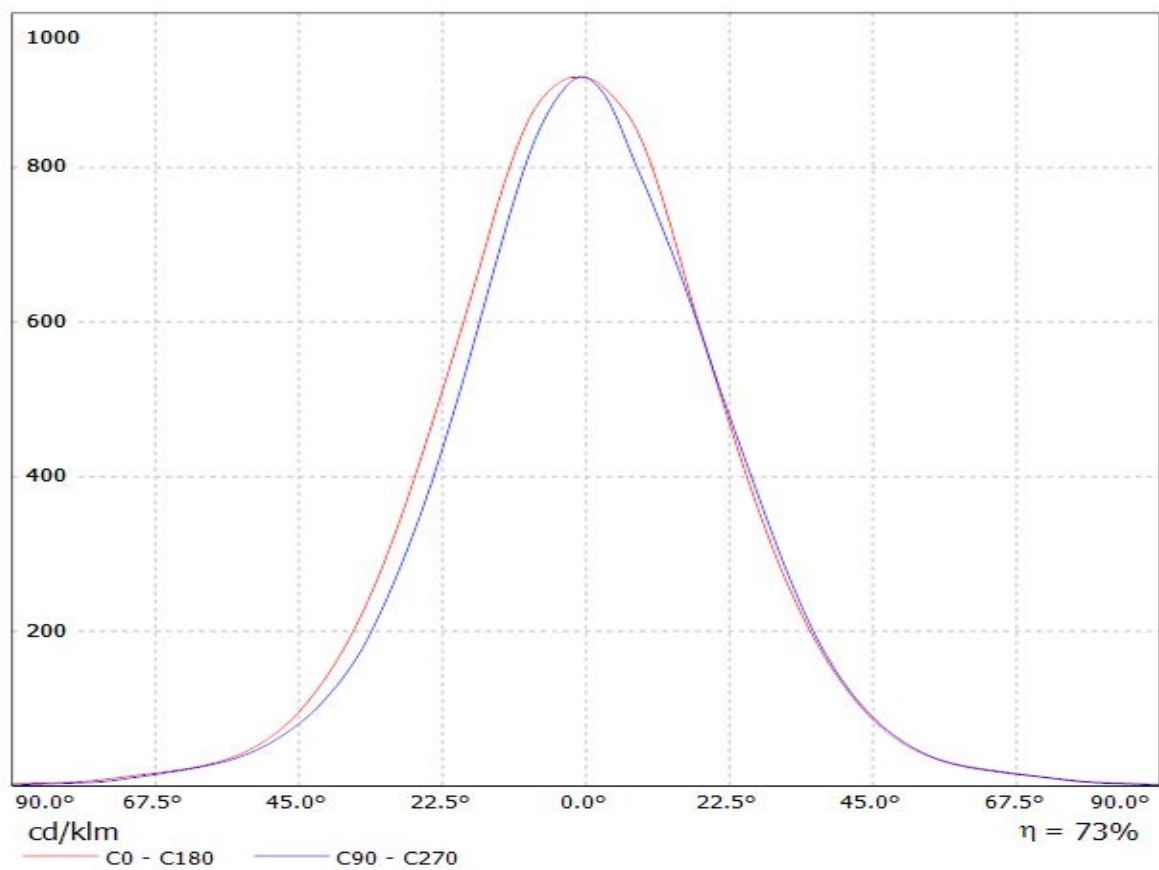


Luminaire: LEDiL Oy CN15824_WINNIE-M-C (CLU024)
Lamps: 1 x Citizen_CLU024_(CLU024-1204B8-303M1A2)+F15255_851.815lm@250mA_P=8.29686W_I=0.25A



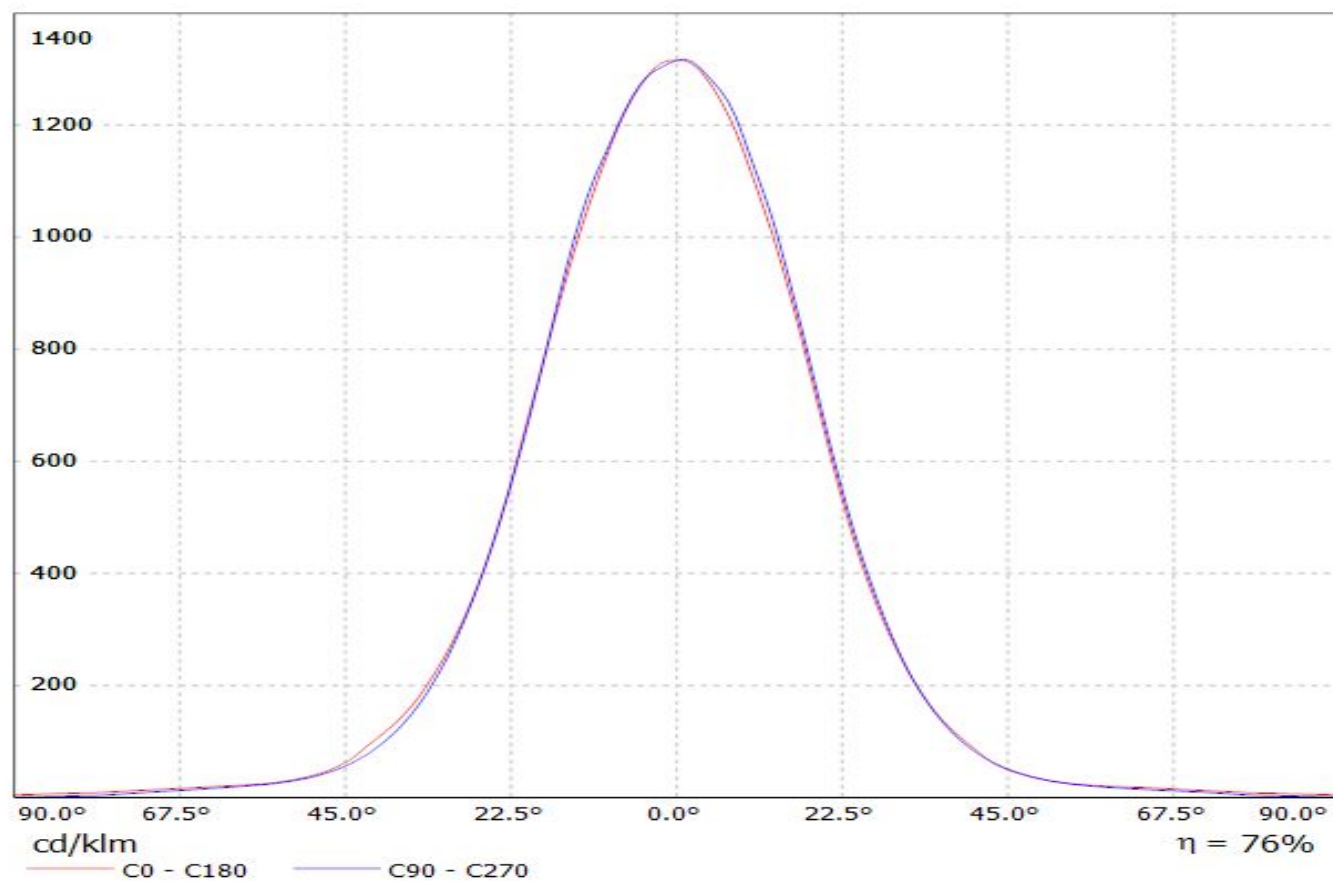
Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(CLC030_DTW)

Lamps: 1 x Citizen_CLC030_DTW_(081B8-313G3G3)+BW436_TypL8+C16142_1672.16lm@460mA_P=15.4052W_I=0.460A

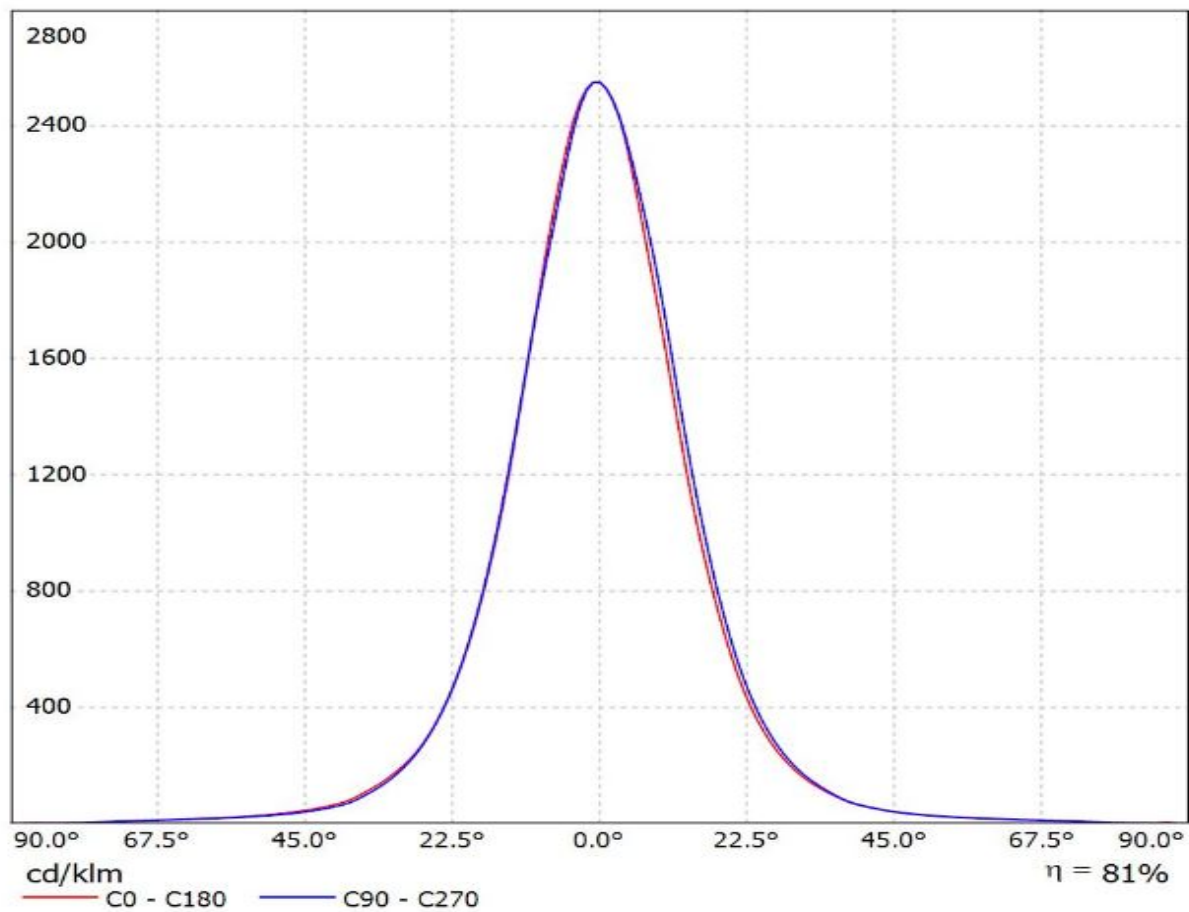


Luminaire: LEDiL Oy CN15824_WINNIE-M-C (CLC020_057A5)

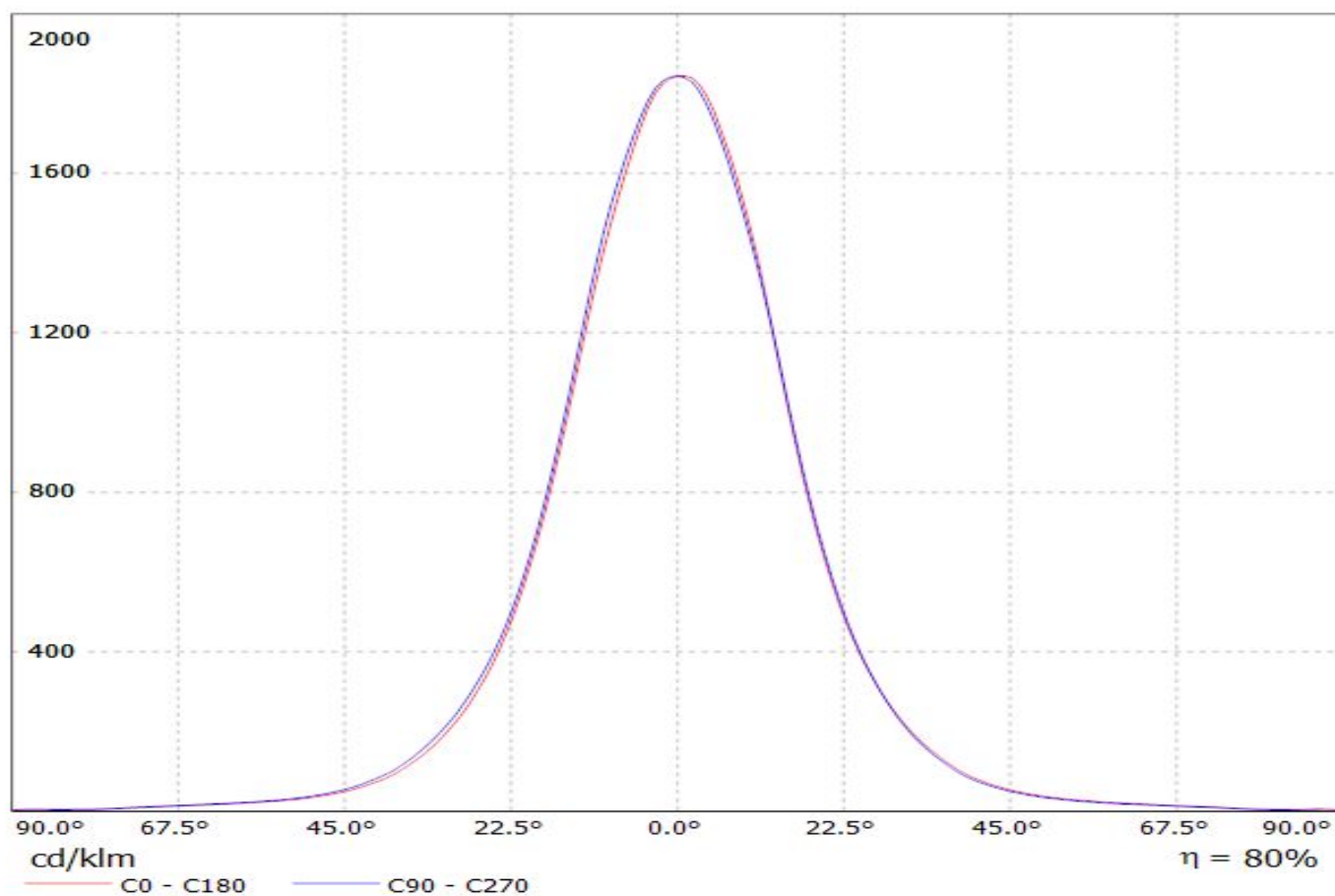
Lamps: 1 x Citizen_CLC020-057A5_913.53lm@360mA_P=12.9104W_I=0.25A



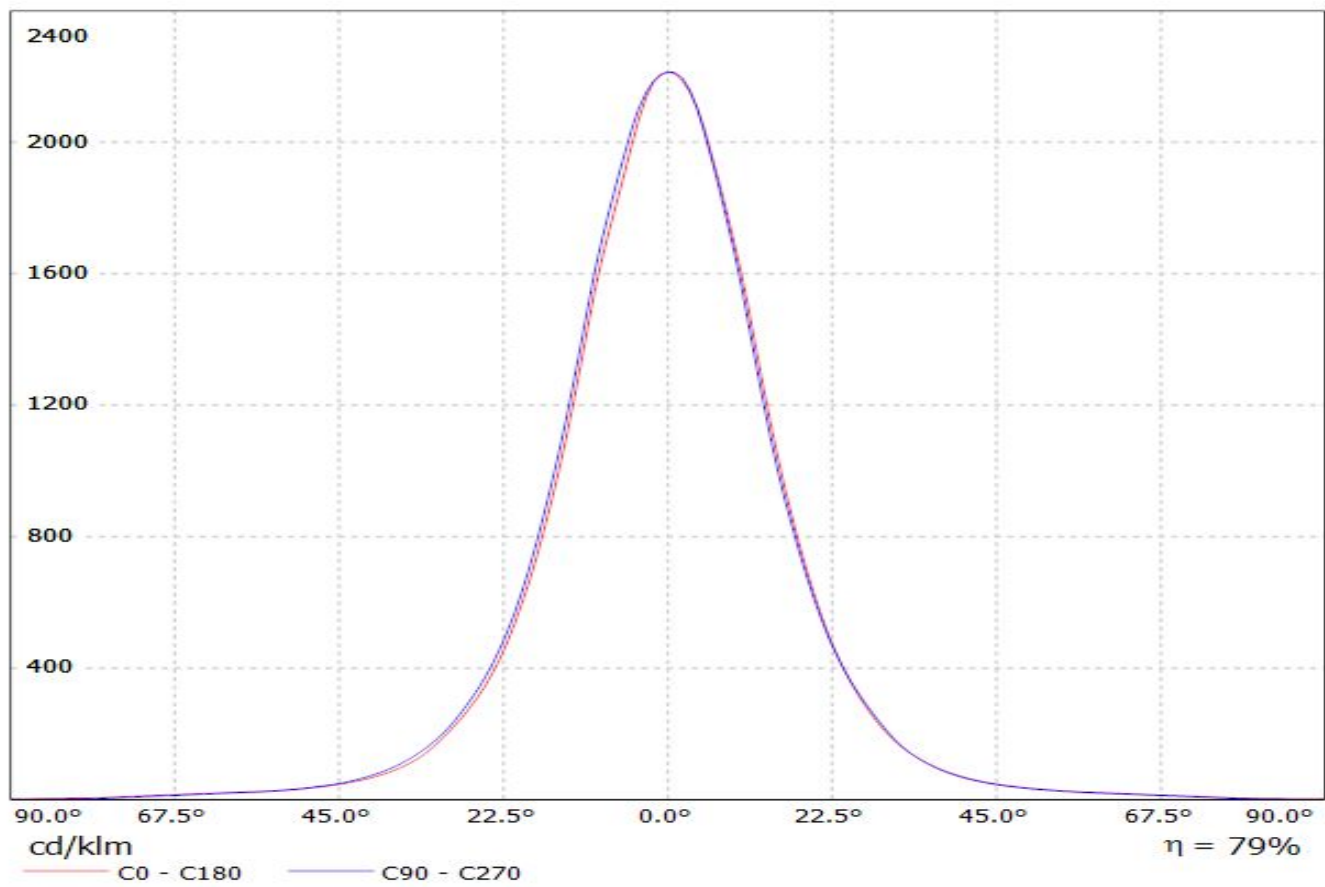
Luminaire: Ledil CN15824_WINNIE-M-C_(CXA1310_+_F15956)
Lamps: 1 x Cree_CXA1310_(30H-G4-F0Y-0001)+F15956_HEKLA-SOCKET-J_350.541lm@250mA_P=4.29103W_I=0.25A



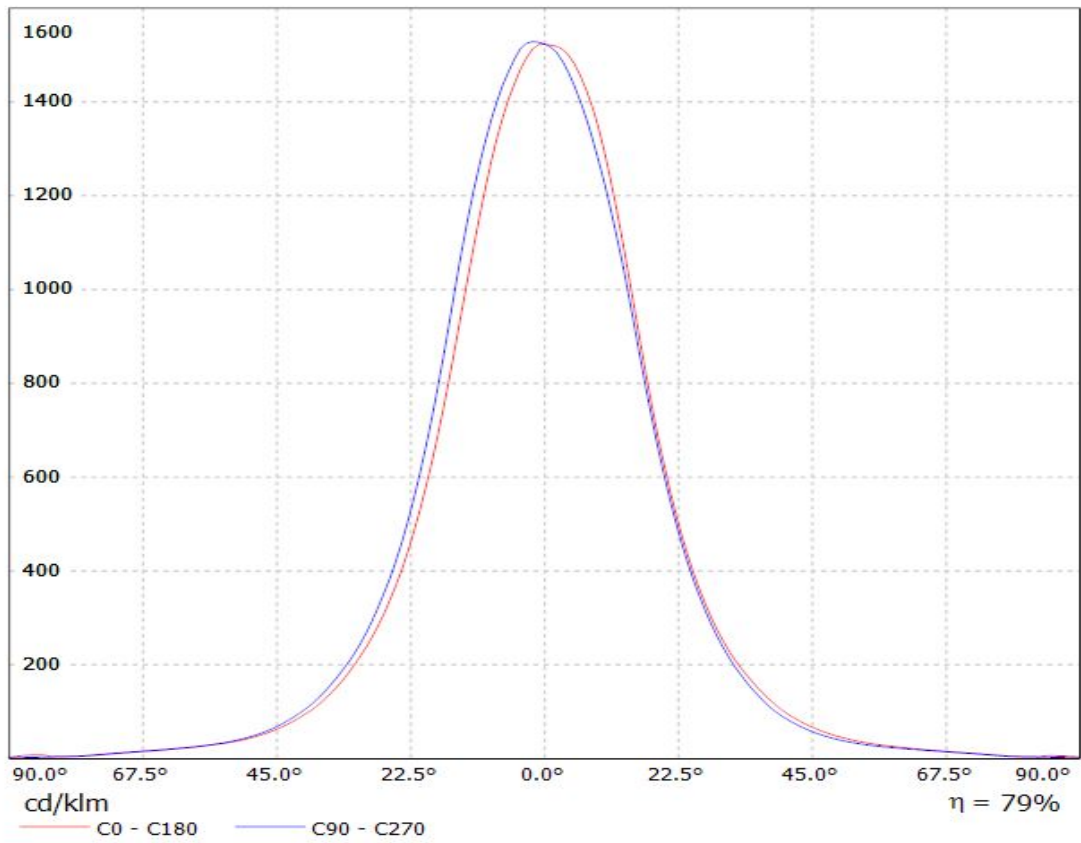
Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(LC020C)+F15848
Lamps: 1 x Samsung_LC020C+F15848_901.85lm@250mA_P=8.44724W_I=0.25A



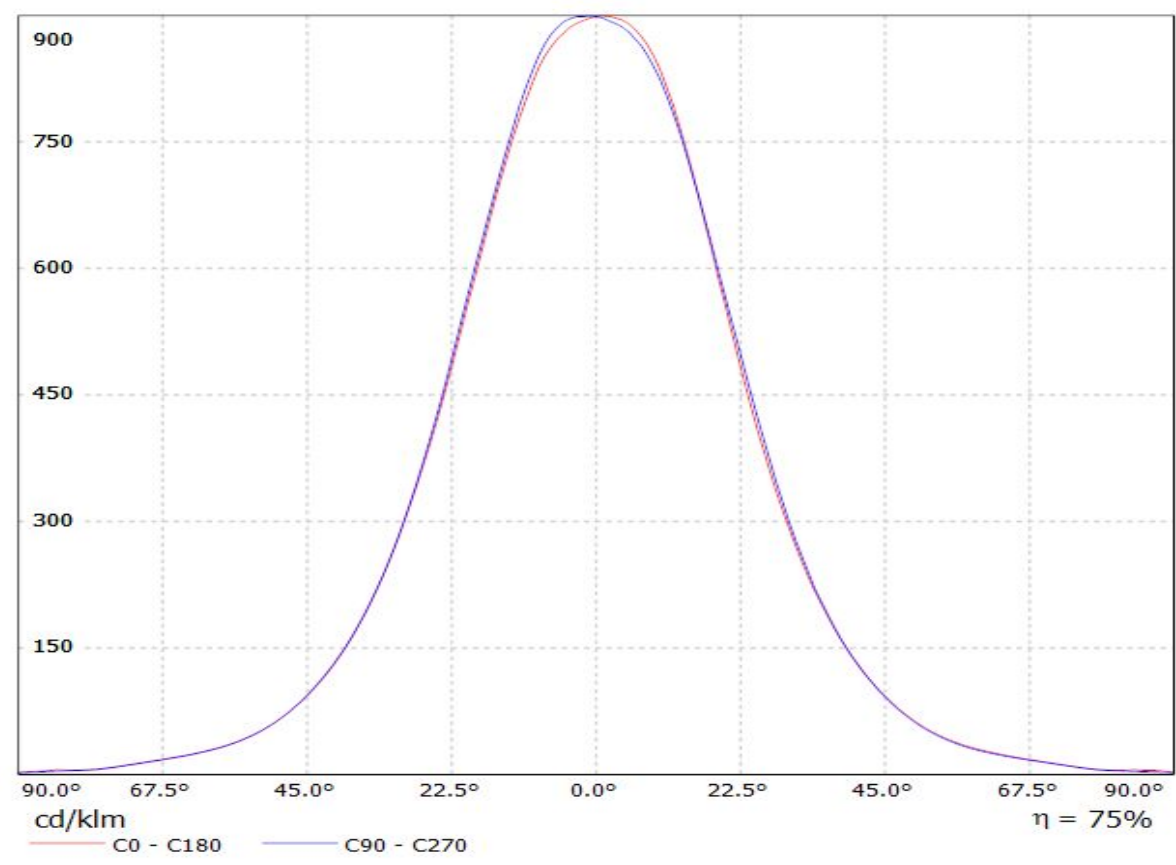
Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(LC010C+F15848)
Lamps: 1 x Samsung_LC010C+F15848_1043.24lm@250mA_P=8.59961W_I=0.25A



Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(COB_D_Series_LES_9.8mm)
Lamps: 1 x Samsung_COB_D_Series_LES_9.8mm_(LC013D)+F15255_546.324lm@100mA_P=3.2423W_CCT=4000K_I=0.100A

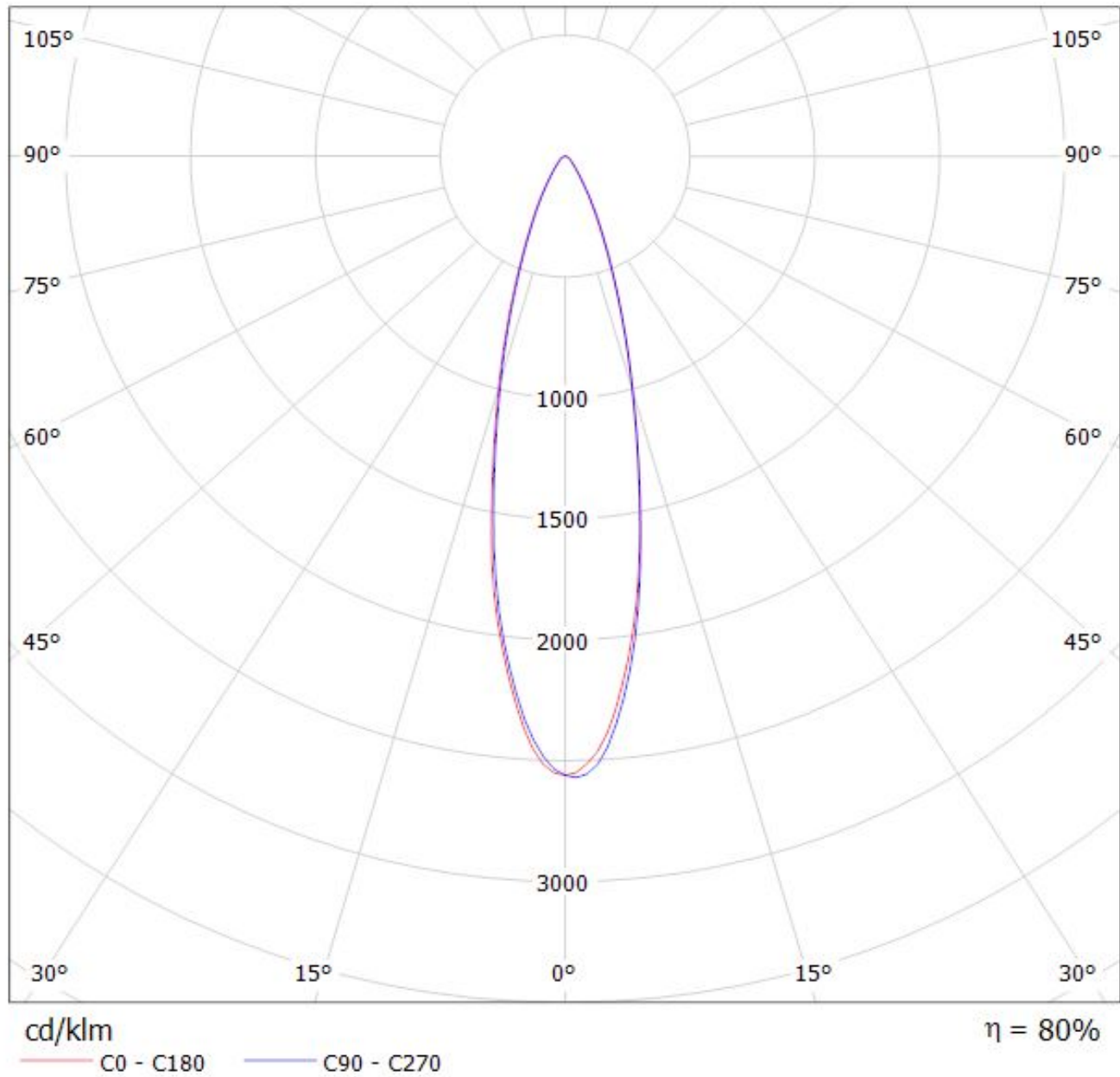


Luminaire: Ledil CN15824_WINNIE-M-C_(COB_D_LES_14.5mm_+F15859)
Lamps: 1 x Samsung_COB_D_LES_14.5mm_(LC026D)_+F15859_1259.88lm@250mA_3000K_P=8.17623W_I=0.25A



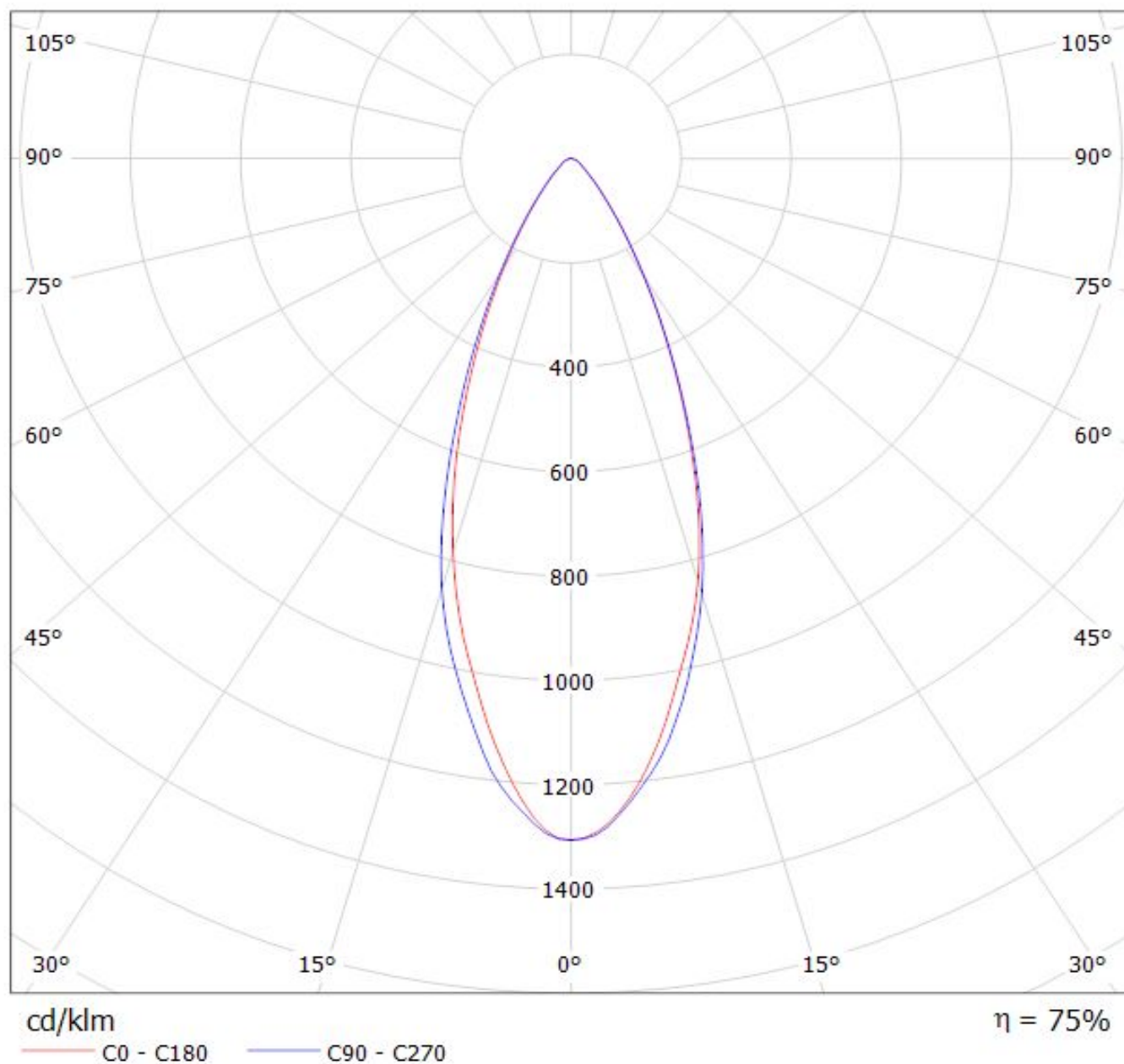
Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(V6_Gen6)

Lamps: 1 x Bridgelux_V6_Gen6_(BXRE-30E0400-A-23)+F15253_499.196lm@250mA_P=4.57901W_I=0.25A



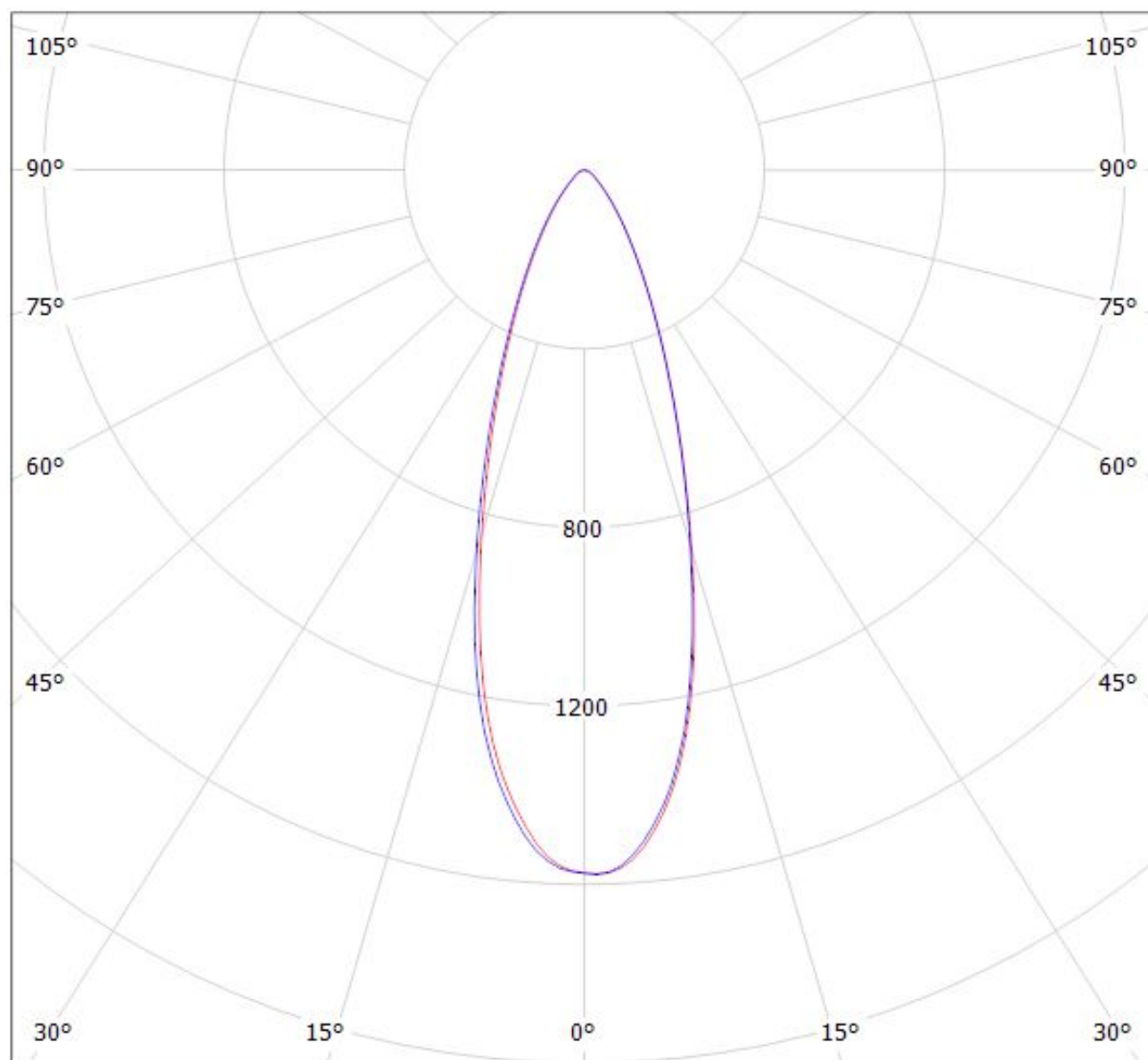
Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(Vesta_TW_9mm)

Lamps: 1 x Bridgelux_Vesta_9mm_(12W)_tunable_white_1147.8lm@700mA_P=11.7839W_I=0.7A



Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(CLU024)

Lamps: 1 x Citizen_CLU024_(CLU024-1204B8-303M1A2)+F15255_851.815lm@250mA_P=8.29686W_η=0.25A



cd/klm

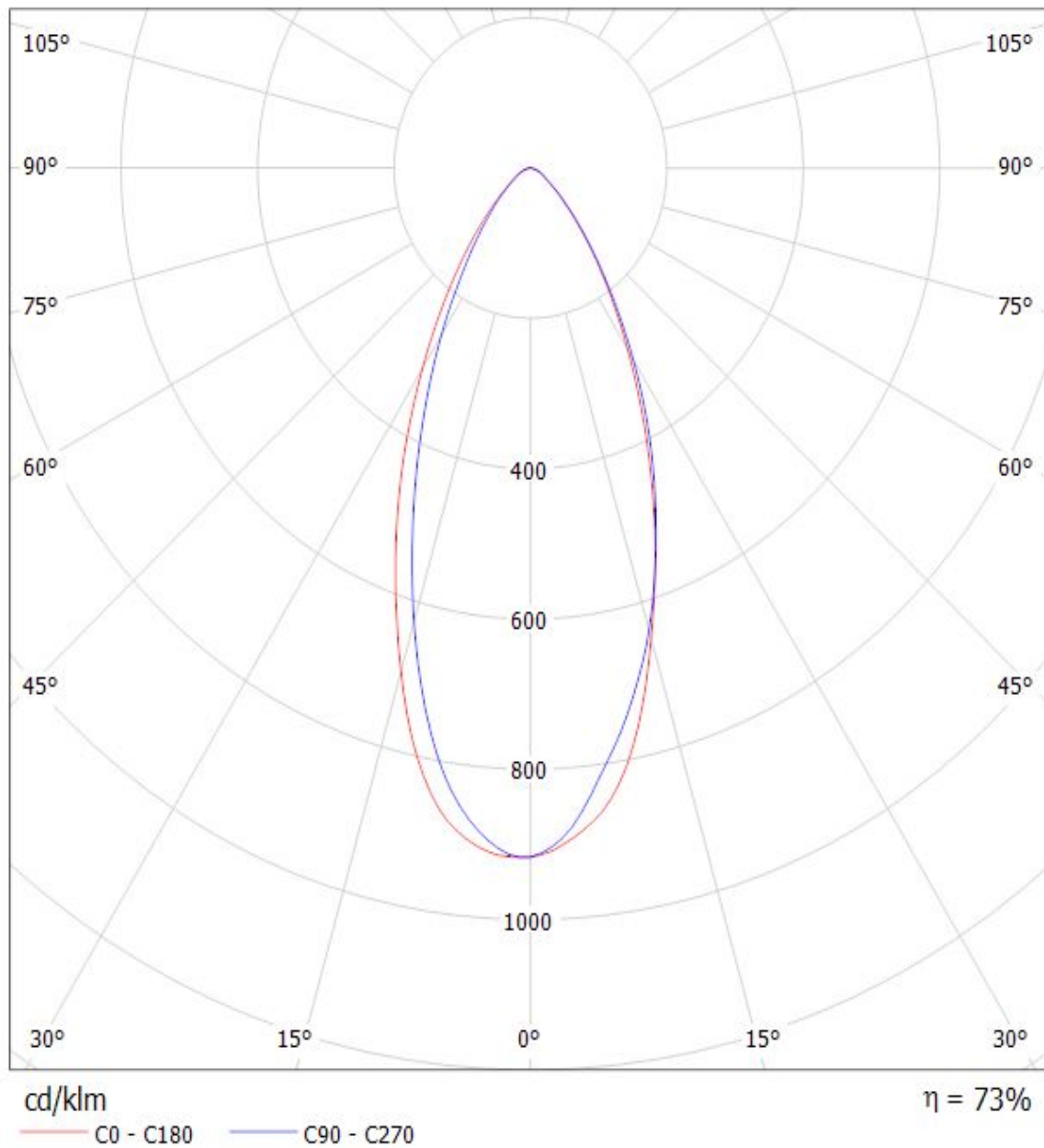
— C0 - C180

— C90 - C270

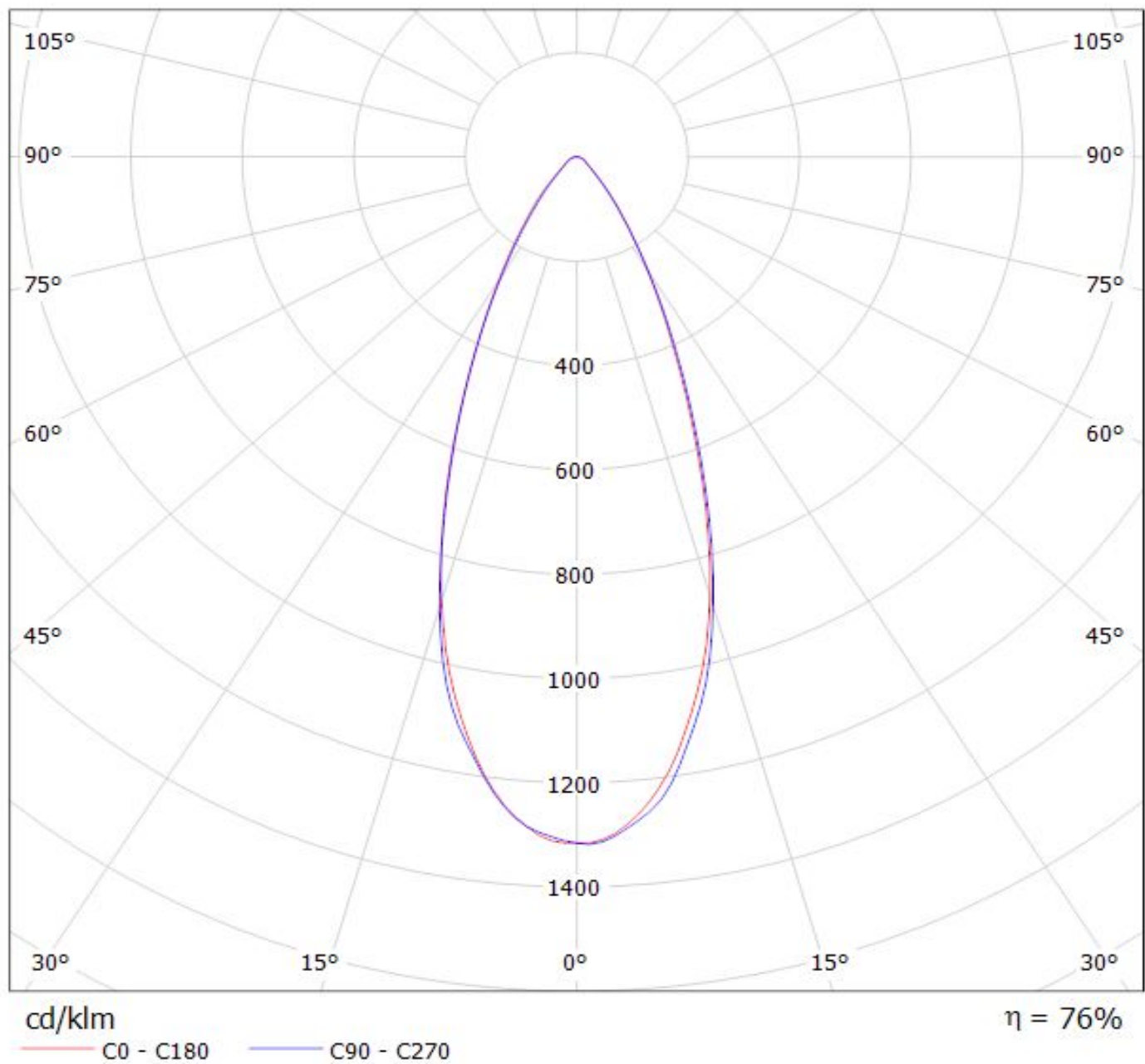
$\eta = 77\%$

Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(CLC030_DTW)

Lamps: 1 x Citizen_CLC030_DTW_(081B8-313G3G3)+BW436_TypL8+C16142_1672.16lm@460mA_P=15.4052W_I=0.460A

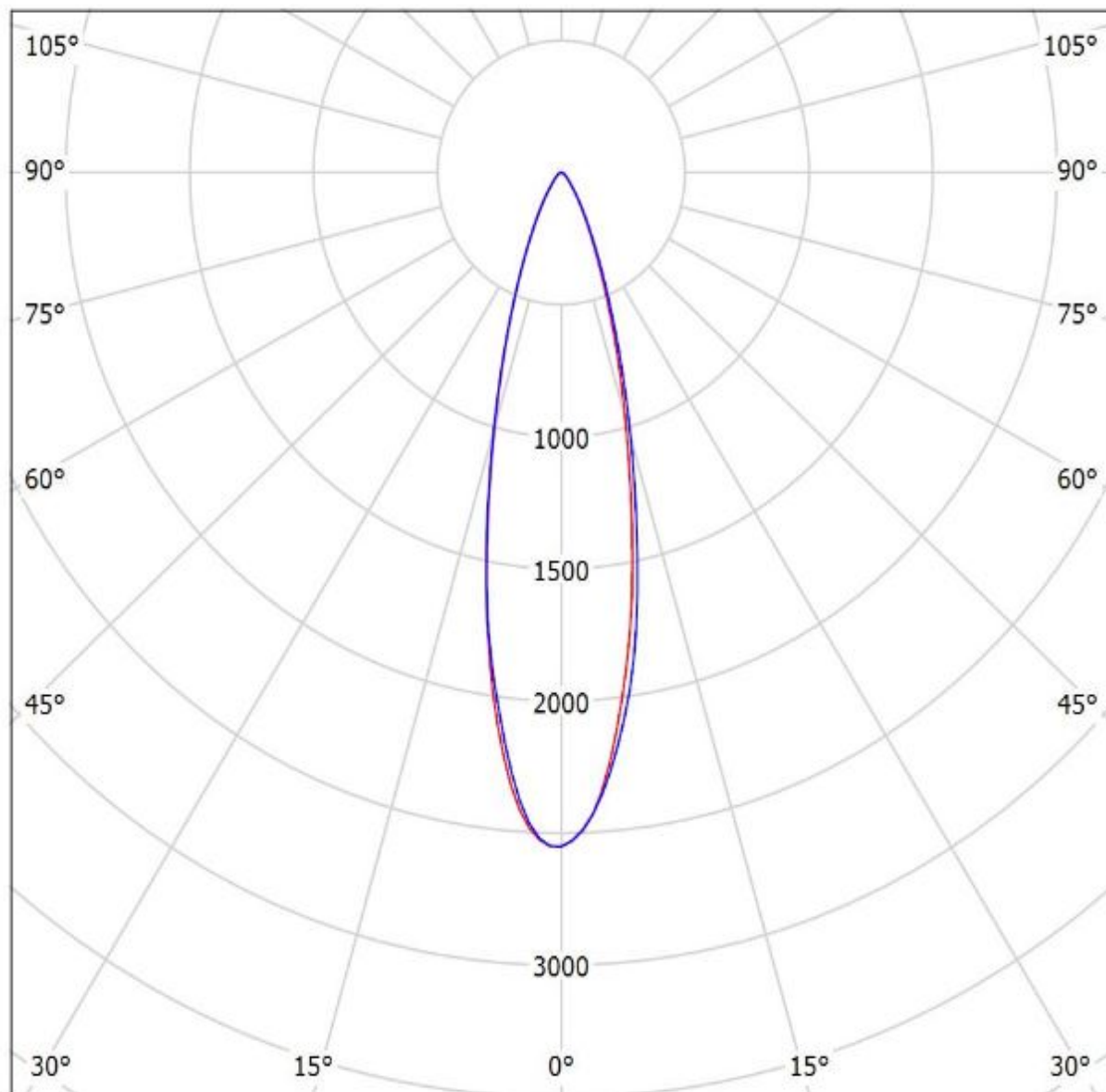


Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(CLC020_057A5)
Lamps: 1 x Citizen_CLC020-057A5_913.53lm@360mA_P=12.9104W_I=0.25A



Luminaire: Ledil CN15824_WINNIE-M-C_(CXA1310+_F15956)

Lamps: 1 x Cree_CXA1310_(30H-G4-F0Y-0001)+F15956_HEKLA-SOCKET-J_350.541lm@250mA_P=4.29103W_I=0.25A



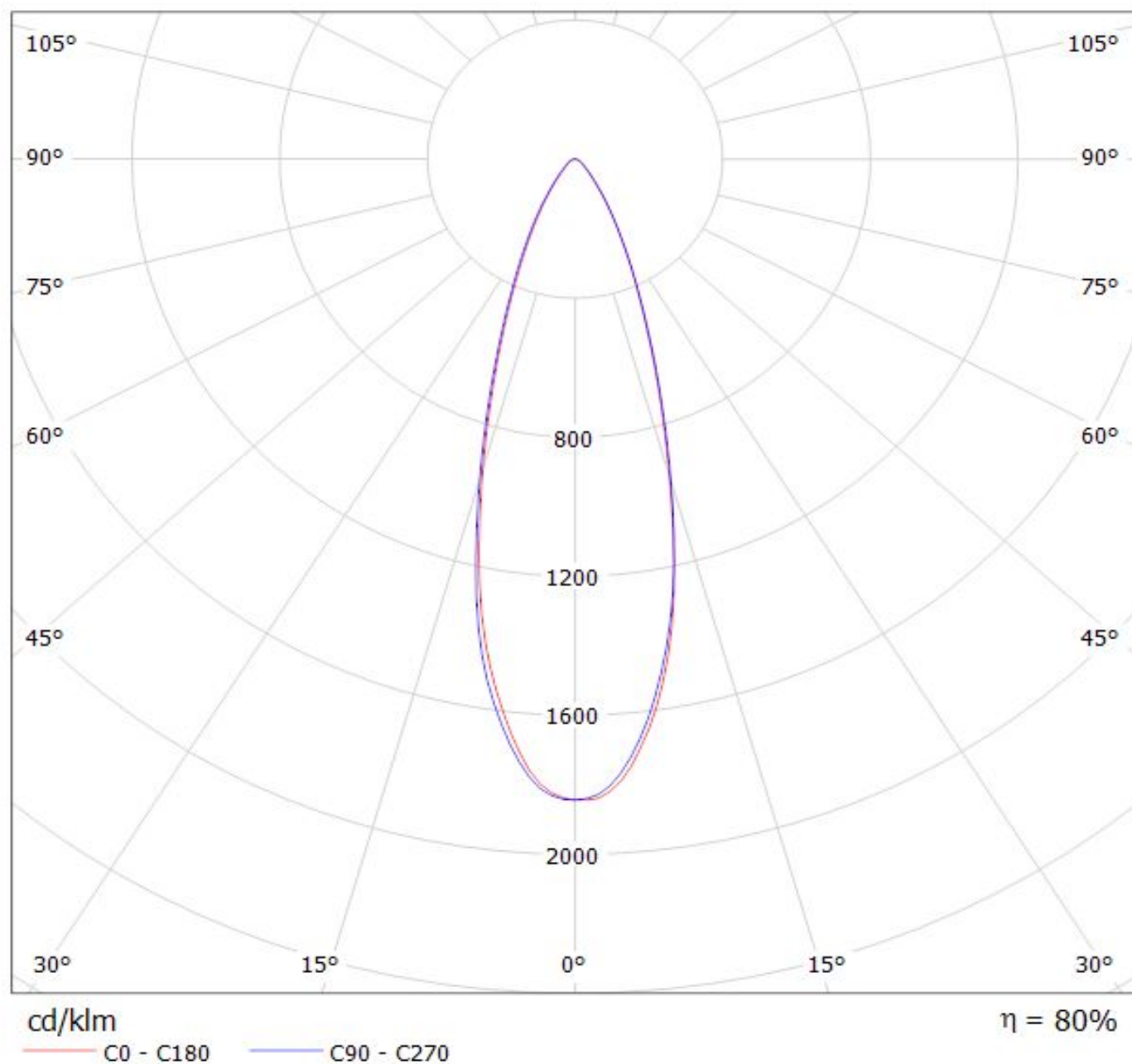
cd/klm

— C0 - C180 — C90 - C270

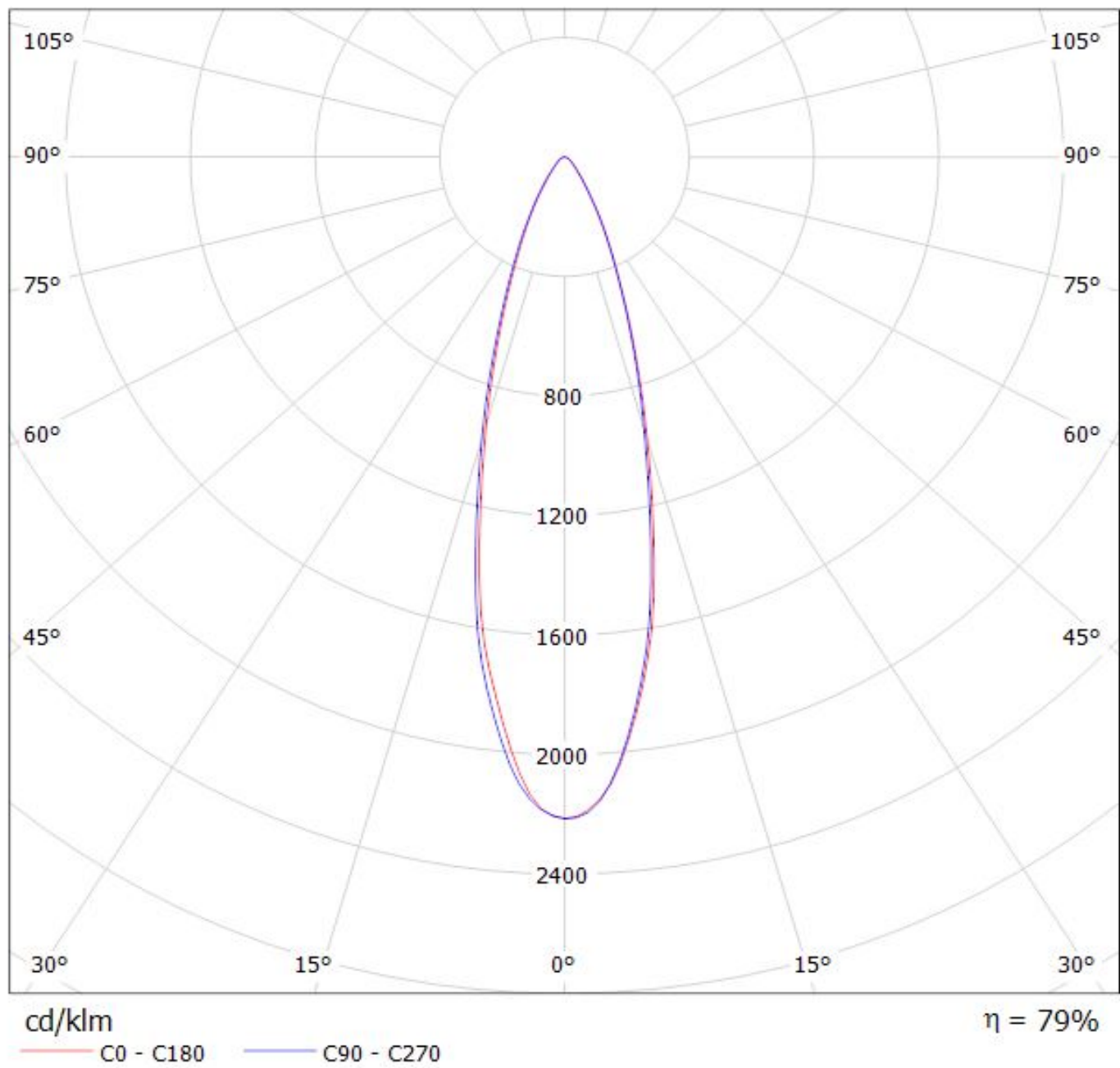
$\eta = 81\%$

Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(LC020C)+F15848

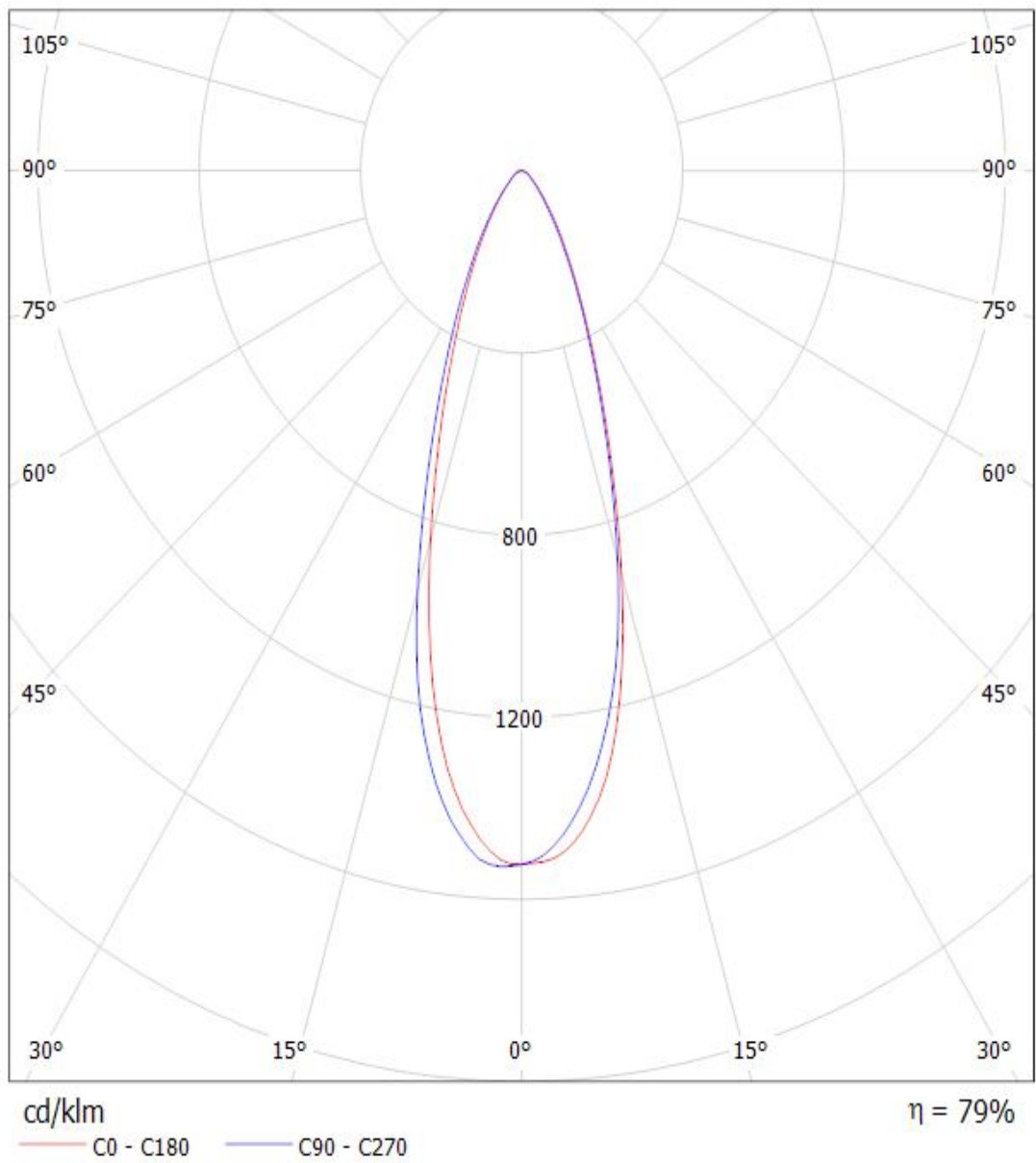
Lamps: 1 x Samsung_LC020C+F15848_901.85lm@250mA_P=8.44724W_I=0.25A



Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(LC010C+F15848)
Lamps: 1 x Samsung_LC010C+F15848_1043.24lm@250mA_P=8.59961W_I=0.25A

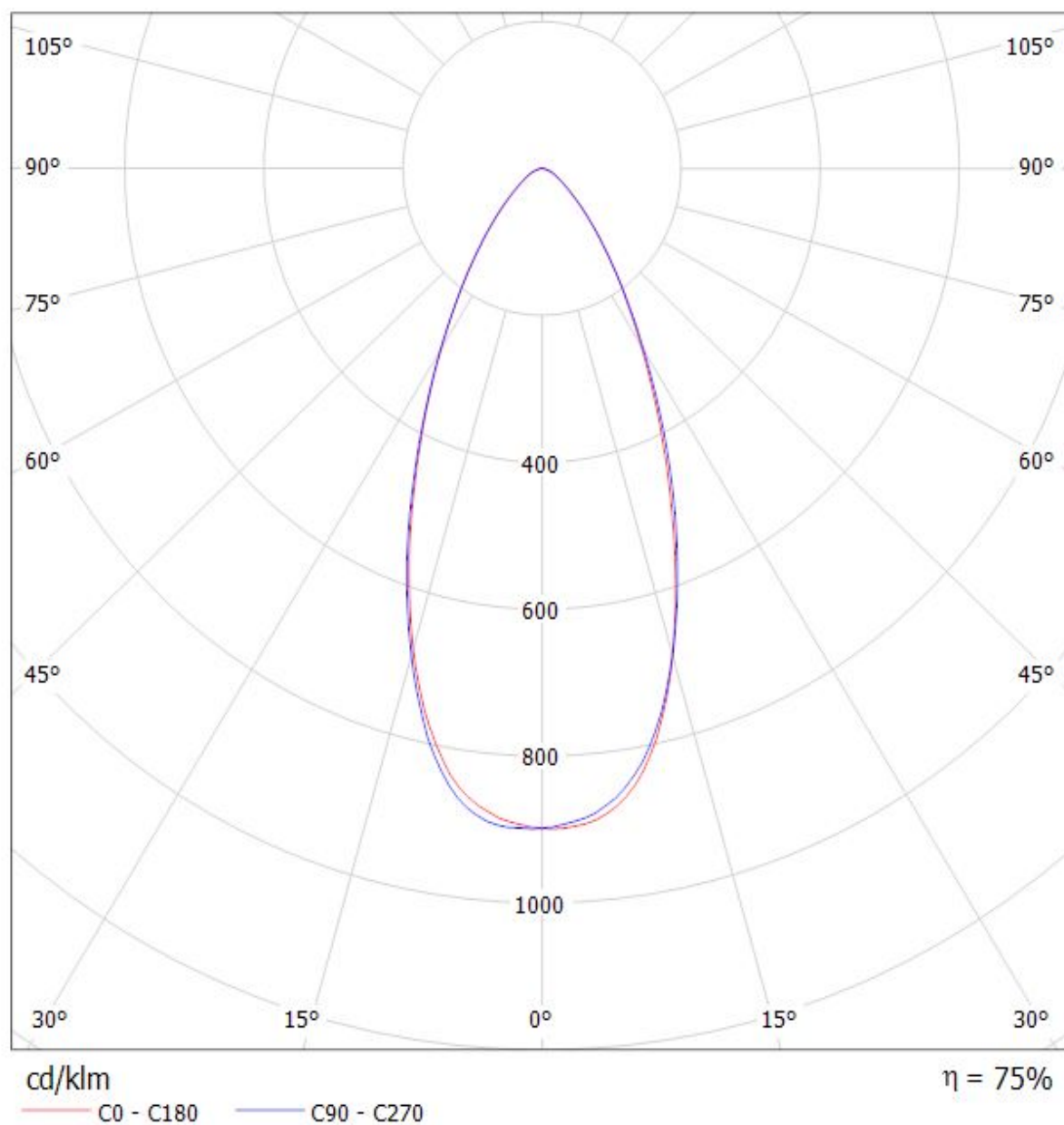


Luminaire: LEDiL Oy CN15824_WINNIE-M-C_(COB_D_Series_LES_9.8mm)
Lamps: 1 x Samsung_COB_D_Series_LES_9.8mm_(LC013D)+F15255_546.324lm@100mA_P=3.2423W_CCT=4000K_I=0.100A



Luminaire: Ledil CN15824_WINNIE-M-C_(COB_D_LES_14.5mm_+F15859)

Lamps: 1 x Samsung_COB_D_LES_14.5mm_(LC026D)_+F15859_1259.88lm@250mA_3000K_P=8.17623W_I=0.25A



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.