

DETAILS

Product Number	CN14091_LENA-W-DL
Family	Lena
Type	RefPack
Color	metal
Diameter	111 mm
Height	86 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	10/07/2015



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
CXM-14	sim: 47	Wide	sim: 81 %	sim: 1.300	Bender Wirth: 433 Typ L1
ZC12/18	sim: 47	Wide	sim: 81 %	sim: 1.300	Bender Wirth: 433 Typ L1
CXM-9	sim: 45	Wide	sim: 81 %	sim: 1.500	Bender Wirth: 434 Typ L1
ZC4/6	sim: 45	Wide	sim: 81 %	sim: 1.500	Bender Wirth: 434 Typ L1
CLU700	39 deg	Wide	81 %	1.900	Bender Wirth: 434 Typ L1
CXA/B 15xx	44 deg	Wide	81 %	1.700	Bender Wirth: 441 Typ L1
Soleriq P9	45 deg	Wide	81 %	1.400	Bender Wirth: 461 Typ L1
NSBxL066A/NFCxL036B	45 deg	Wide	79 %	1.400	Bender Wirth: 438 Typ L1
CLL02x/CLU02x (LES10)	45 deg	Wide	81 %	1.500	Bender Wirth: 434 Typ L1
L121A/L060B/L024Z	46 deg	Wide	79 %	1.400	Bender Wirth: 438 Typ L1
Soleriq S13	47 deg	Wide	78 %	1.400	Bender Wirth: 437 Typ L1
CLL03x/CLU03x	47 deg	Wide	81 %	1.300	Bender Wirth: 433 Typ L1
VERO13	48 deg	Wide	80 %	1.180	-
Soleriq P13	48 deg	Wide	79 %	1.300	Bender Wirth: 437 Typ L1
J216A/J130B/J108B/J048Z	49 deg	Wide	79 %	1.200	Bender Wirth: 463 Typ L2
VERO18	52 deg	Wide	80 %	1.210	-

H G F E D C B A

4

3

2

1

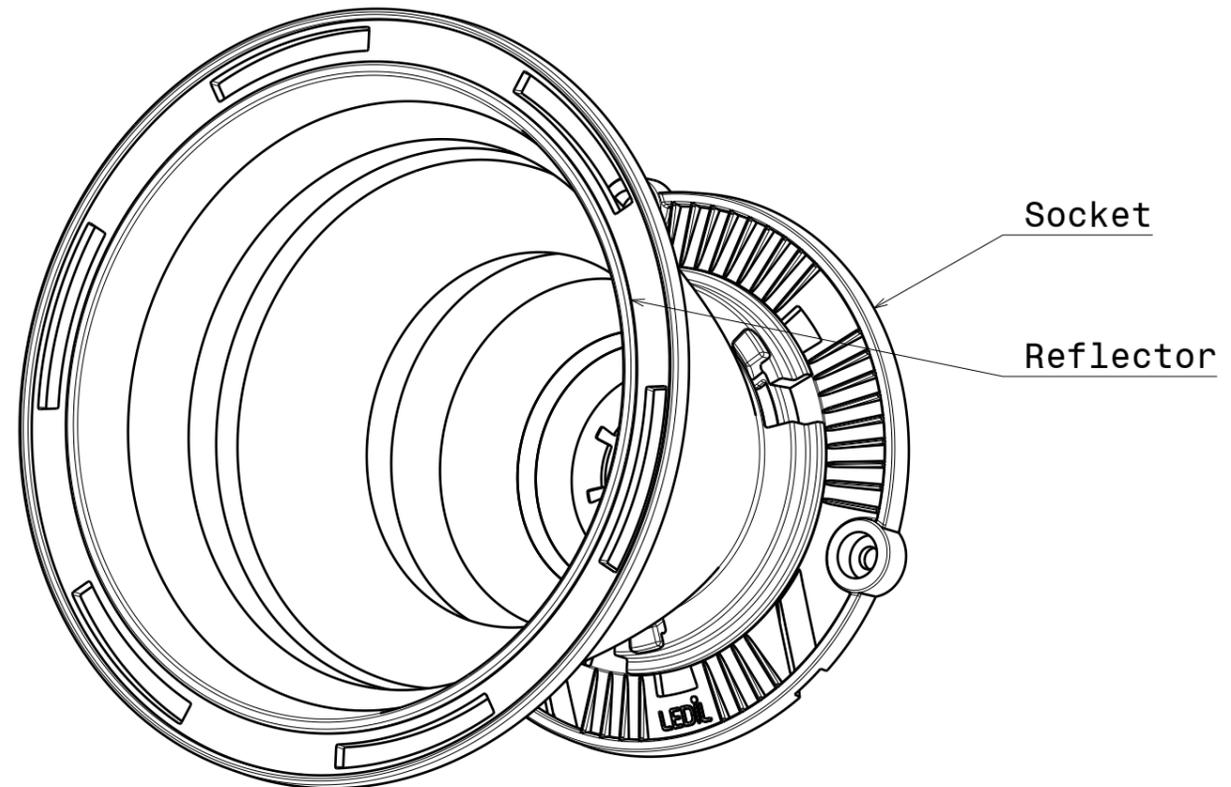
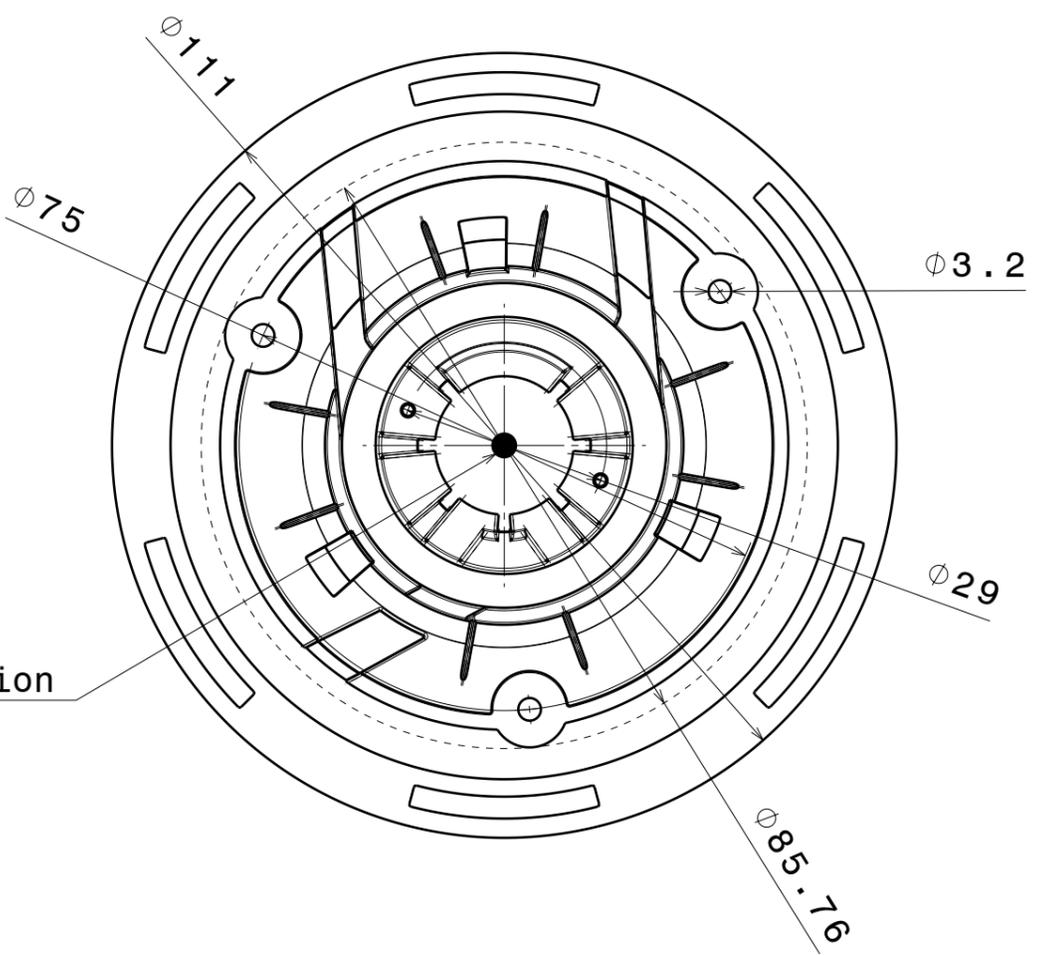
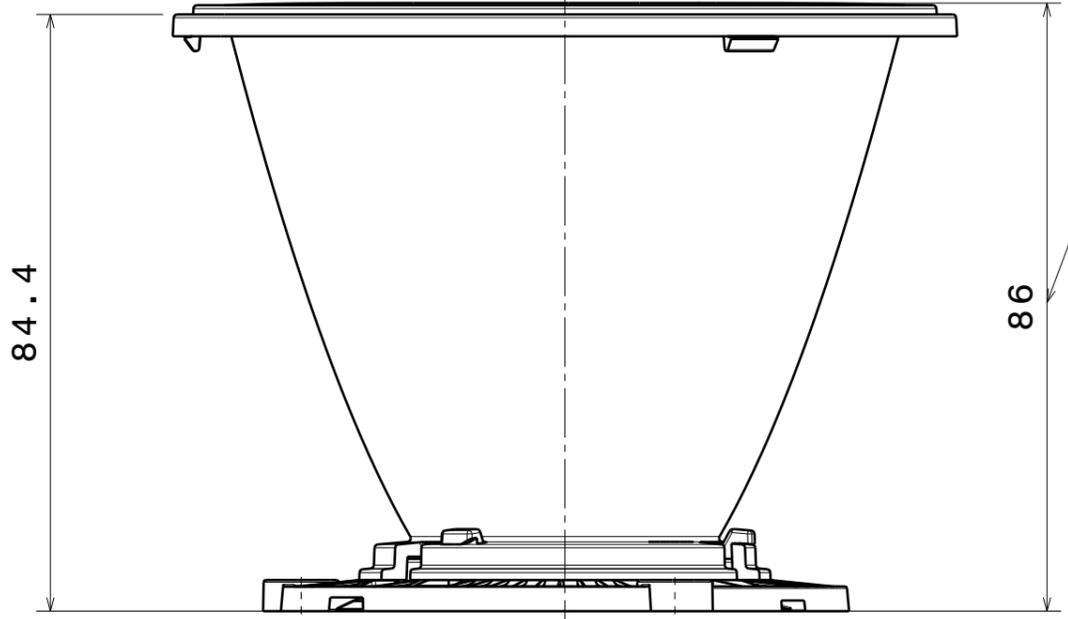
4

3

2

1

With optional diffusion lens



INDEX	PART NO	MATERIAL	COLOUR
1	Socket	PC	White
2	Reflector	PC	Metal

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures: 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
DATA SHEET LENA-SOCKET VERO13-18

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

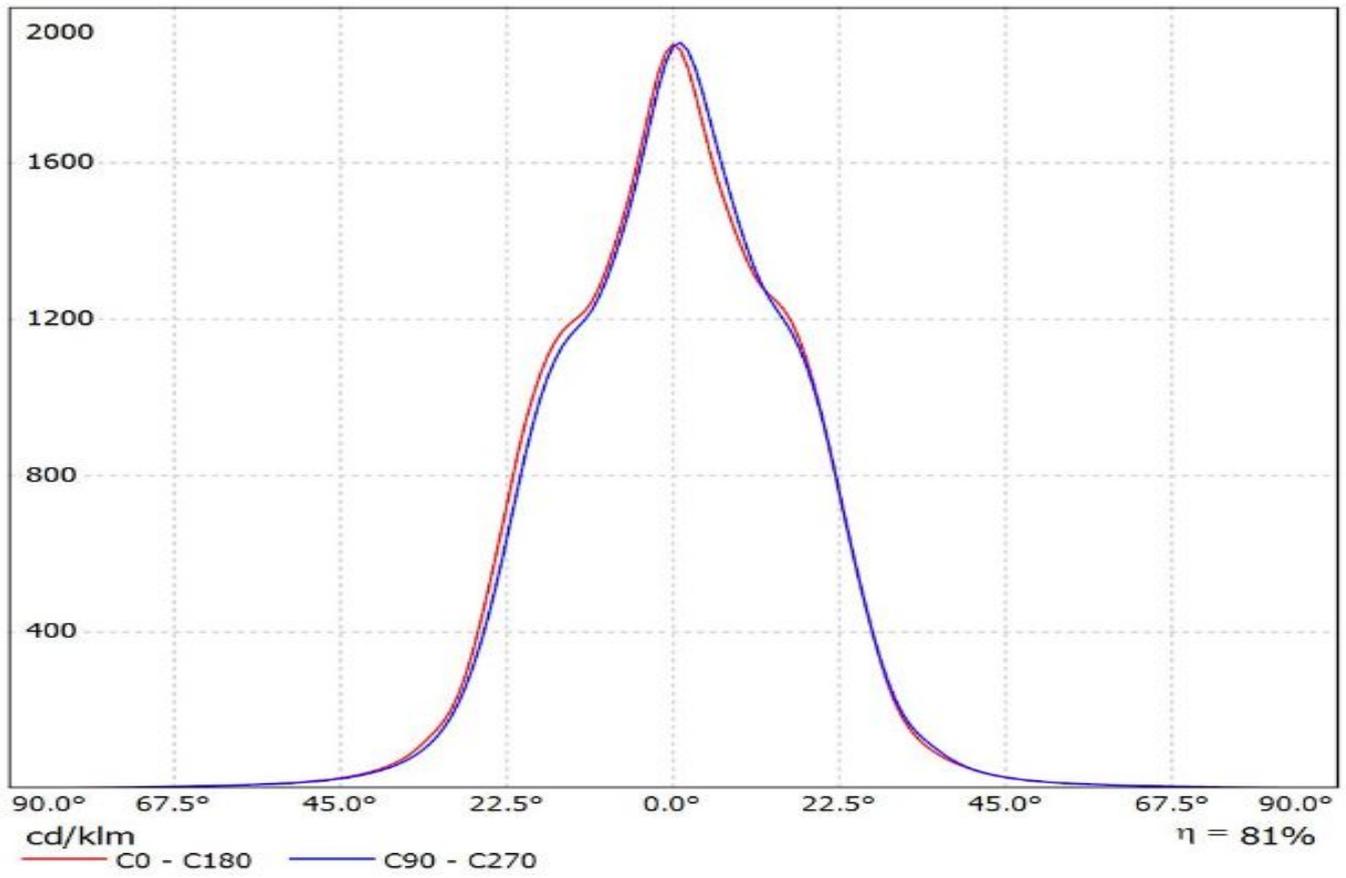
SIZE PART NUMBER
A3 -

SCALE 1:1 WEIGHT - SHEET 1/1

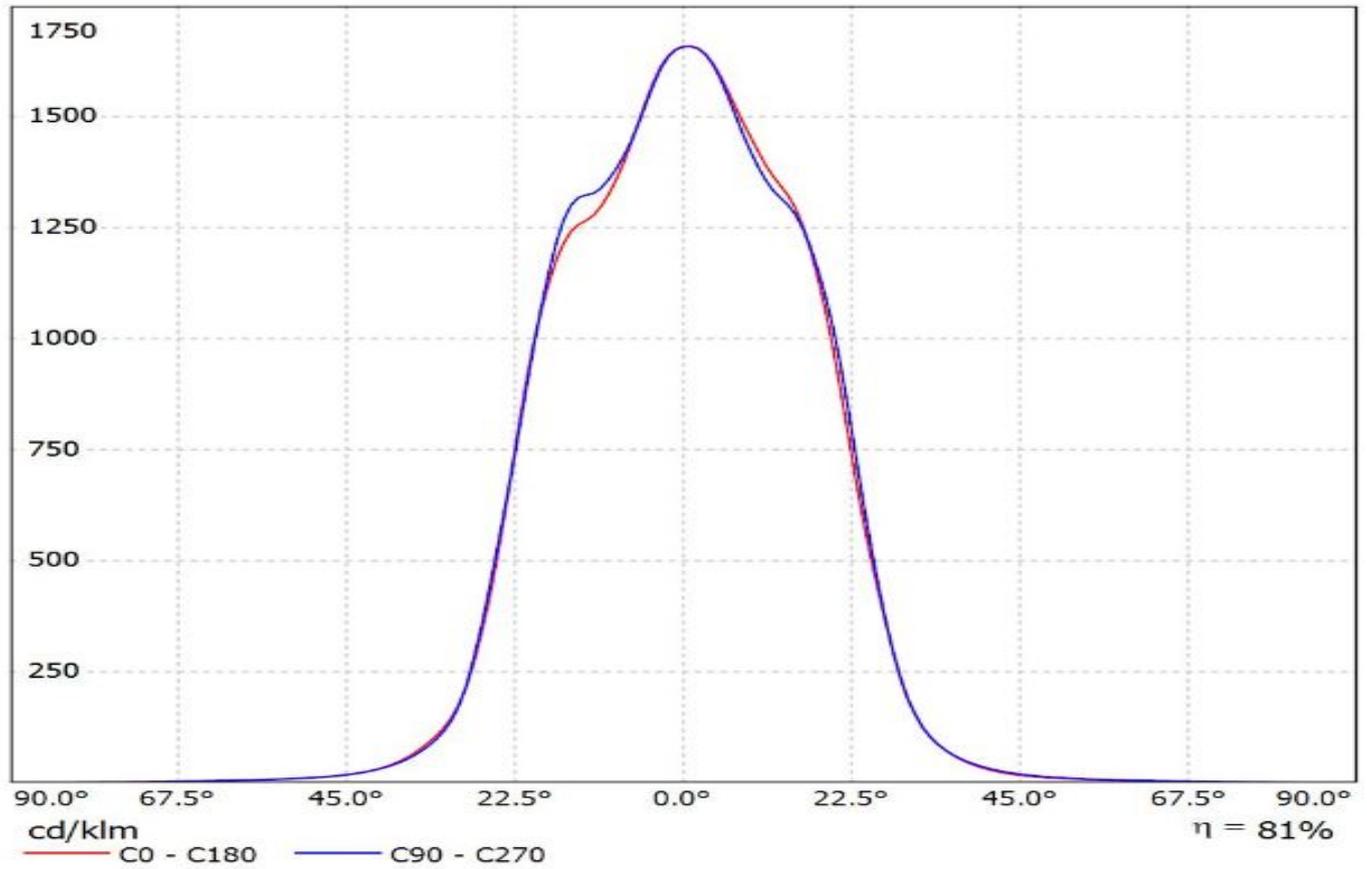
H G B A

Luminaire: Ledil CN14091_LENA-W-DL_(CLU700)

Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)_385.255lm@100mA_P=2.82W_I=0.10A

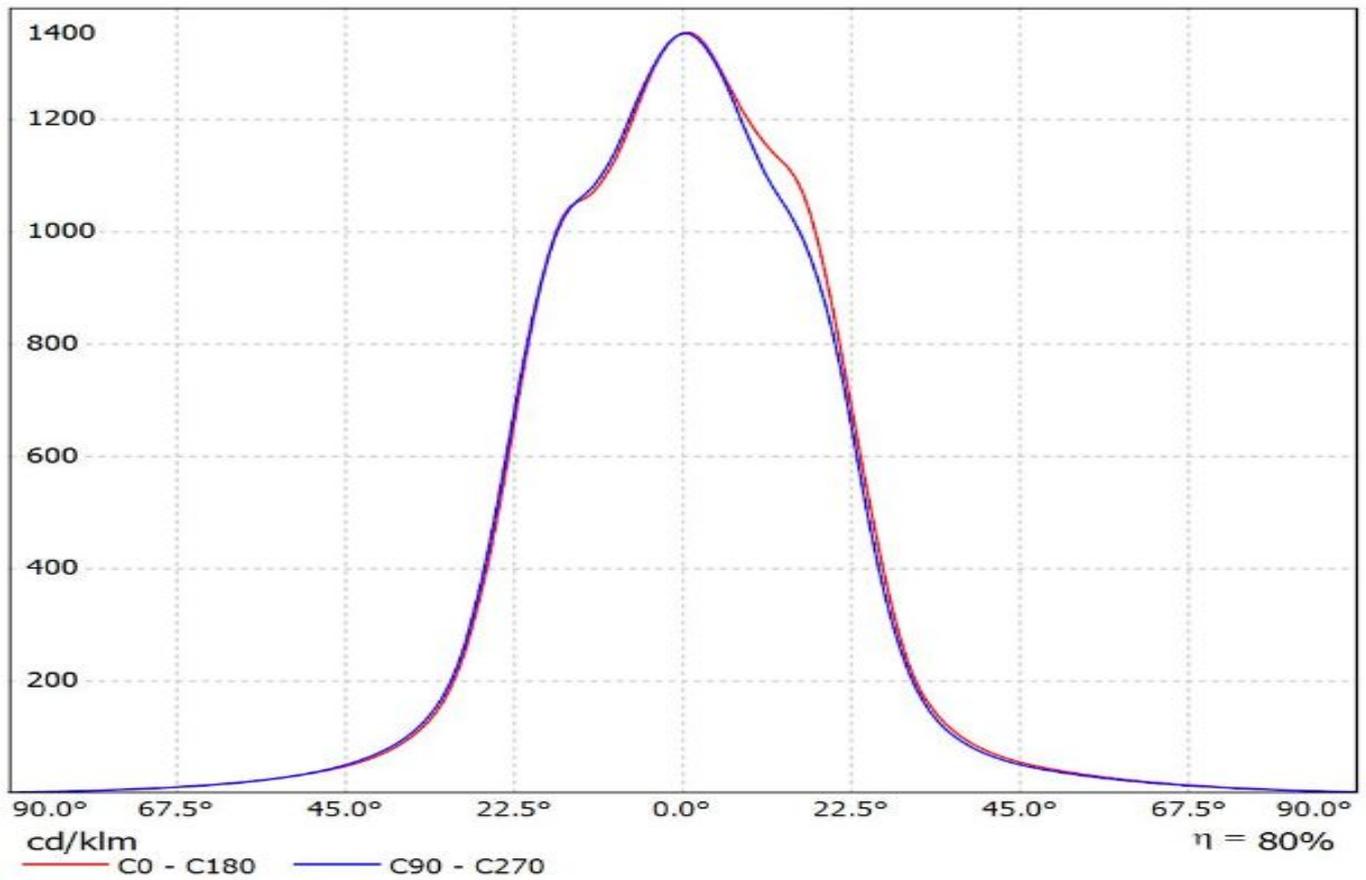


Luminaire: Ledil CN14091_LENA-W-DL_(CXA1520) Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_
(C13868_LENA-STD-BASE-VERO13-18)_ (441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_ (C13868_LENA-STD-BASE-VERO13-18)_
(441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A



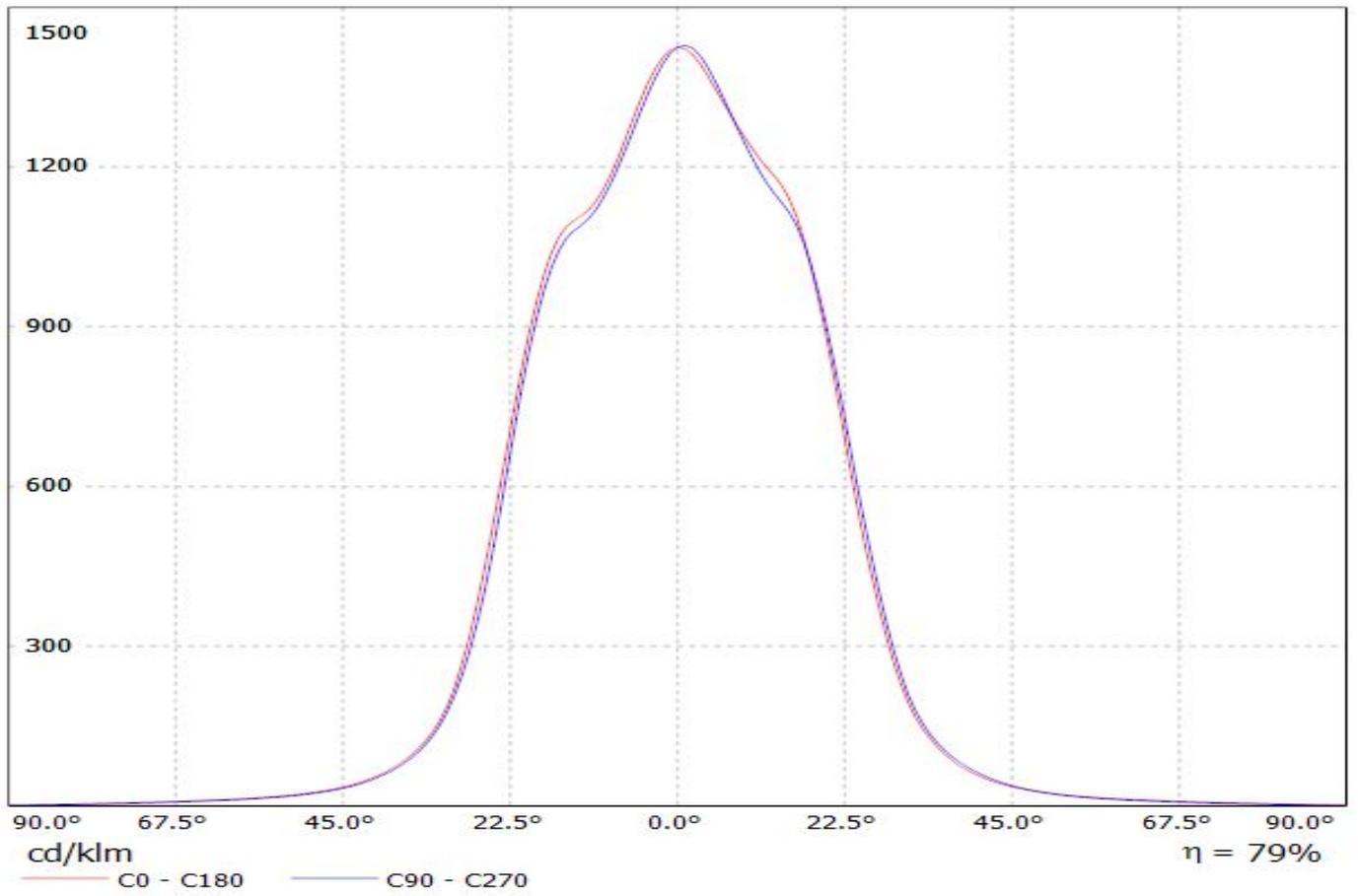
Luminaire: Ledil CN14091_LENA-W-DL_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_975.439lm@250mA_CCT=4299K_P=6.9W_I=0.25A

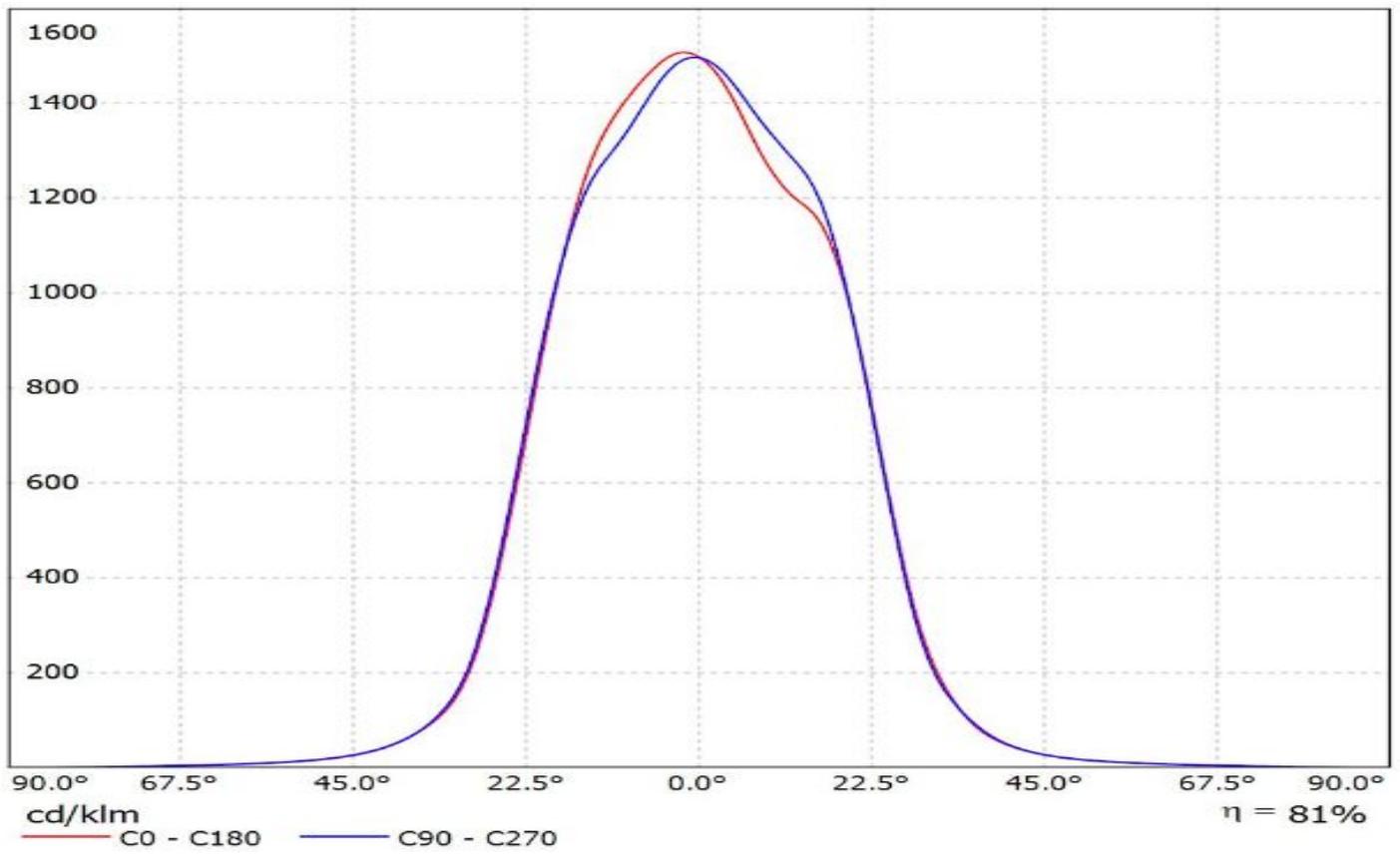


Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFCxL036B)

Lamps: 1 x NICHIA_NFCxL036B_(sm403J1300R8000)_540.584lm@100mA_CCT=4000K_P=3.3W_I=0.1A

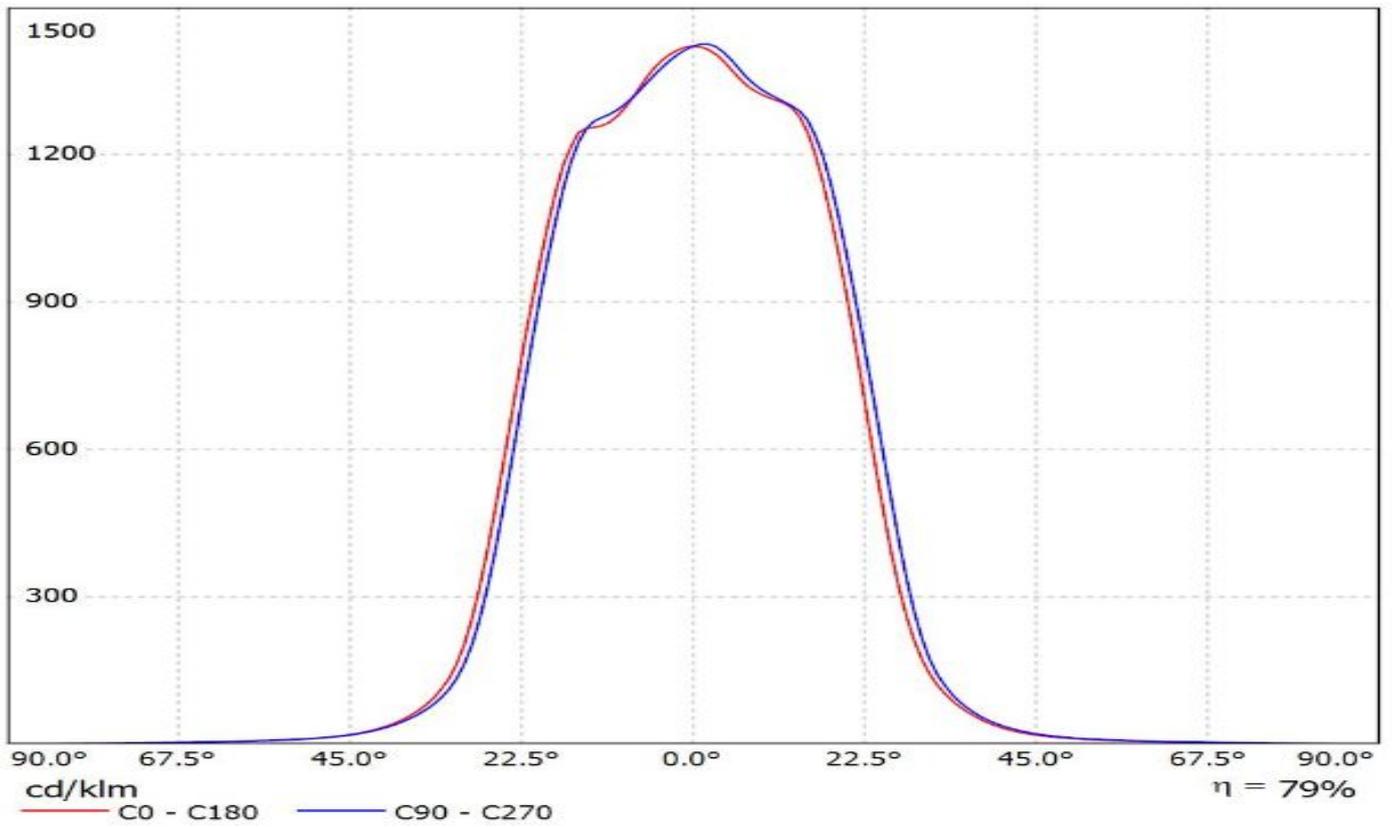


Luminaire: Ledil CN14091_LENA-W-DL_(CLU024)_(434_Typ_L1) Citizen_CLU024_(CLU024-1204B8-303M1AZ)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)
_1048.43lm@250mA_P=8.6W_I=0.25A
Lamps: 1 x Citizen_CLU024_(CLU024-1204B8-303M1AZ)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)_1048.43lm@250mA_P=8.6W_I=0.25A



LEDiL Oy CN14091_LENA-W-DL_(NFCxL060B) / LDC (Linear)

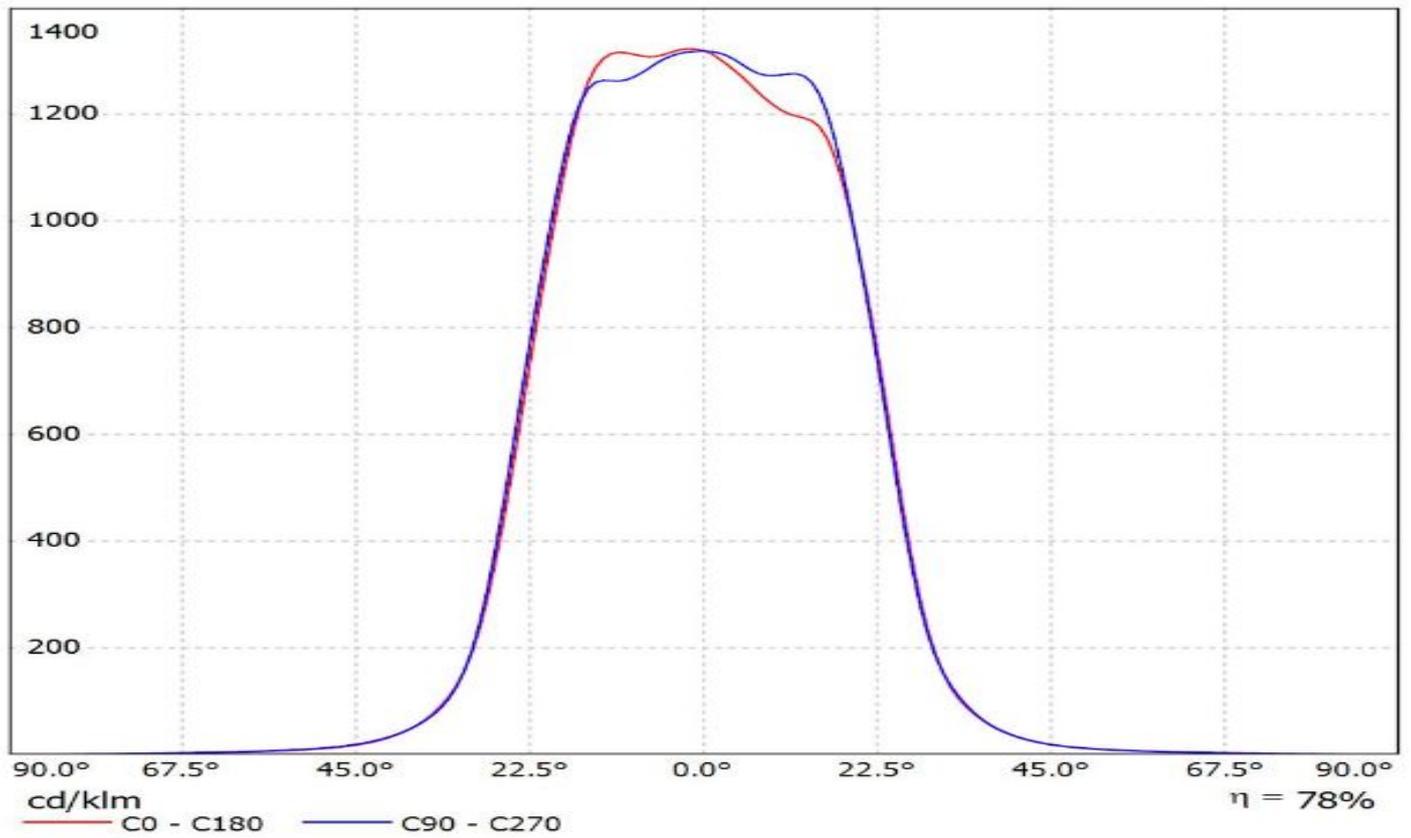
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFCxL060B)
Lamps: 1 x Nichia_NFCxL060B_(SM403G2450R8000)_(438_Typ_L1)
_1276.73lm@250mA_P=8.45587W_I=0.2499A



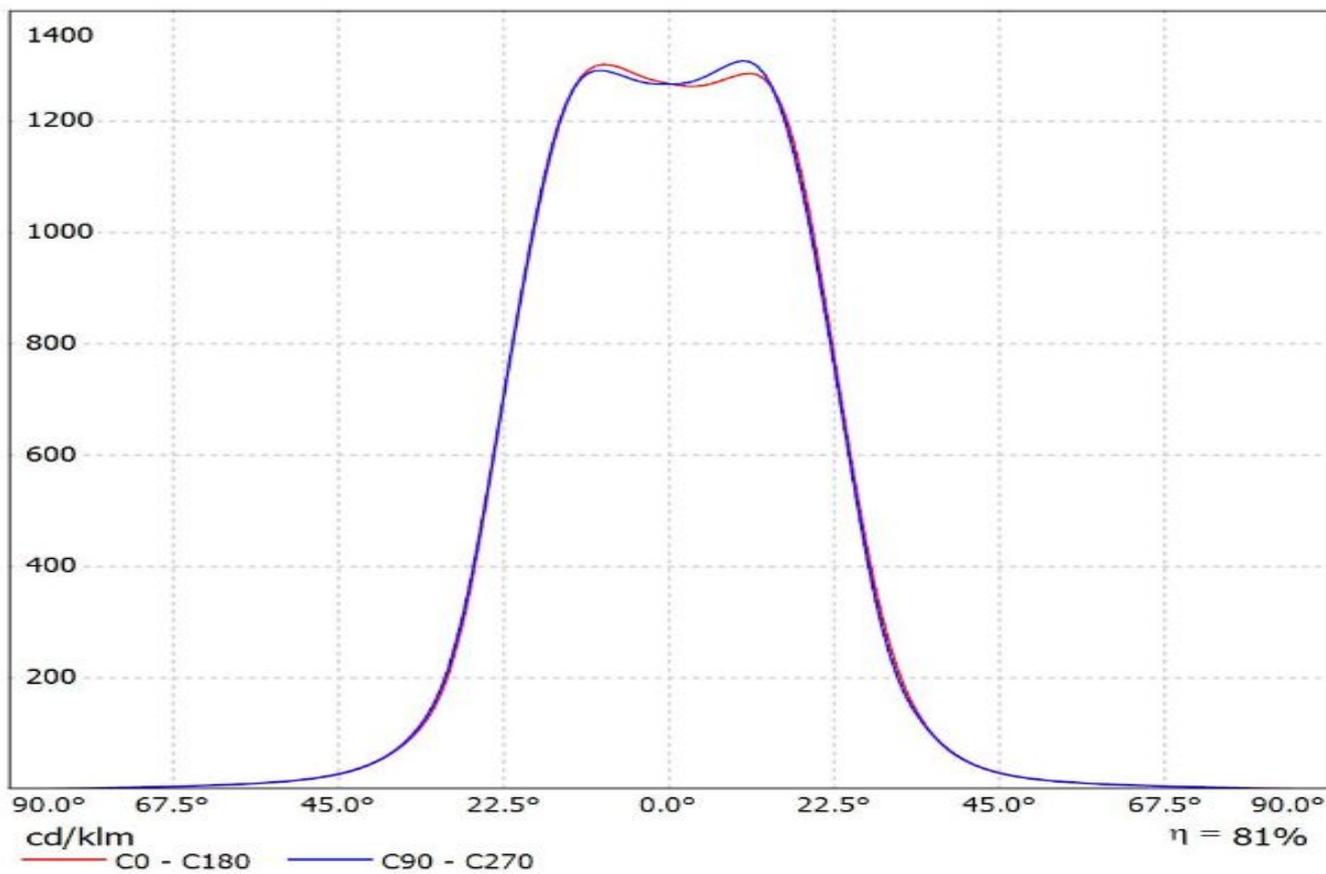
Ledil CN14091_LENA-W-DL_(Soleriq_S13) / LDC (Linear)

Luminaire: Ledil CN14091_LENA-W-DL_(Soleriq_S13)

Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_921.228lm@250mA_P=7.44679W_I=250mA

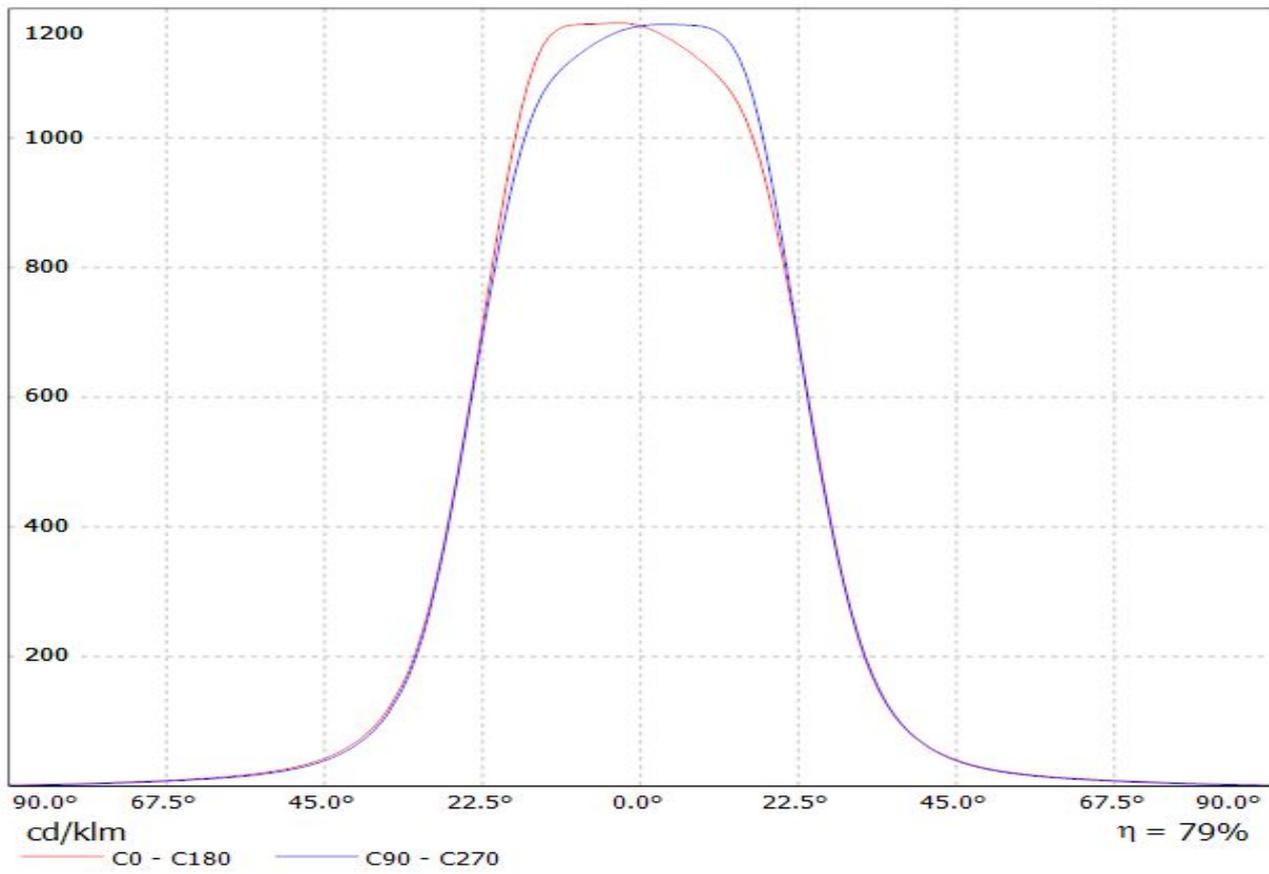


Luminaire: Ledil CN14091_LENA-W-DL_(CLU034)_ (433_Typ_L1) Citizen_CLU034_(CLU034-1205B8-303M1A2)_ 1159.01lm@250mA_P=8.5W_I=0.25A
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_ 1159.01lm@250mA_P=8.5W_I=0.25A



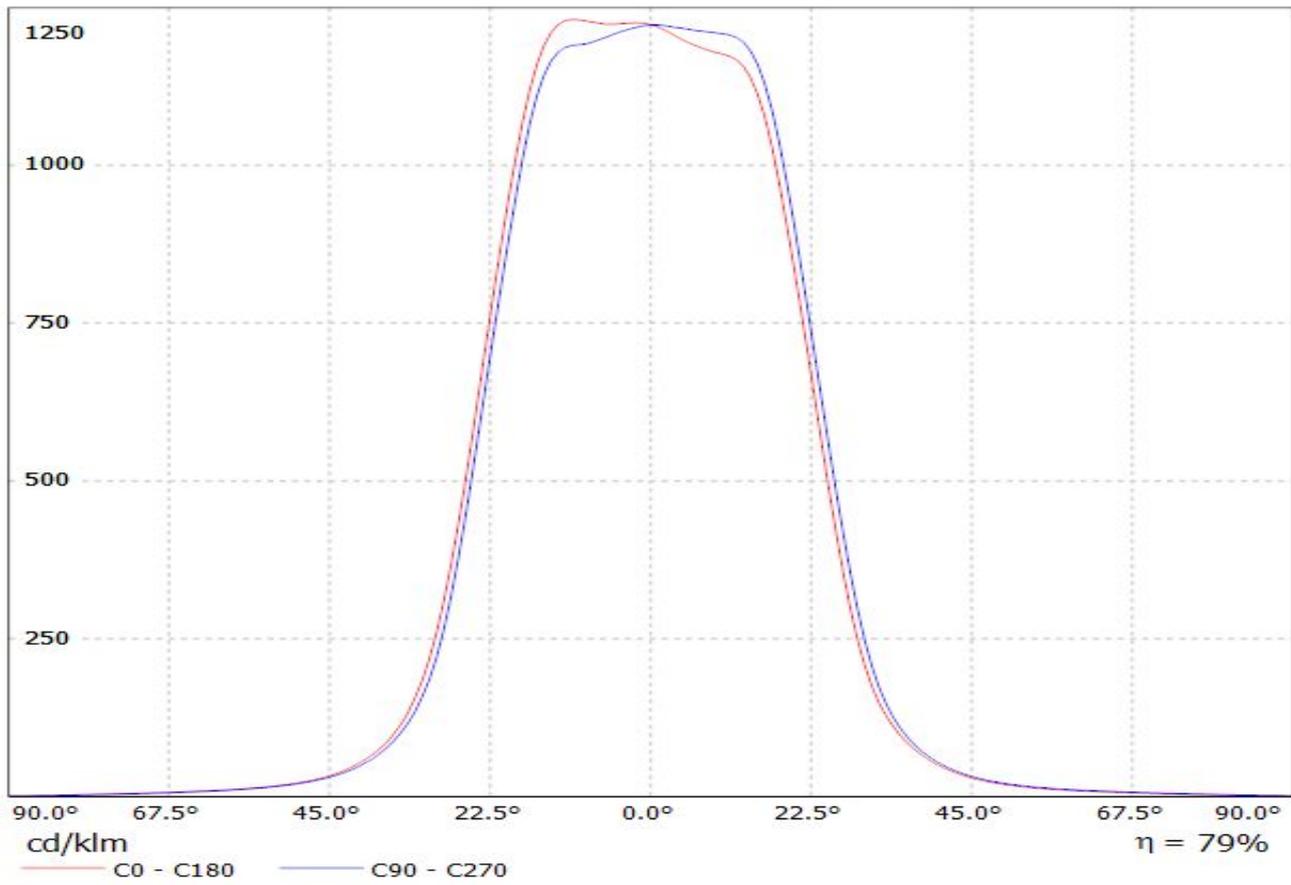
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO13)

Lamps: 1 x VERO13_(BXRC-40E2000C)_1047.61lm@250mA P=7.58043 I=0.2498A



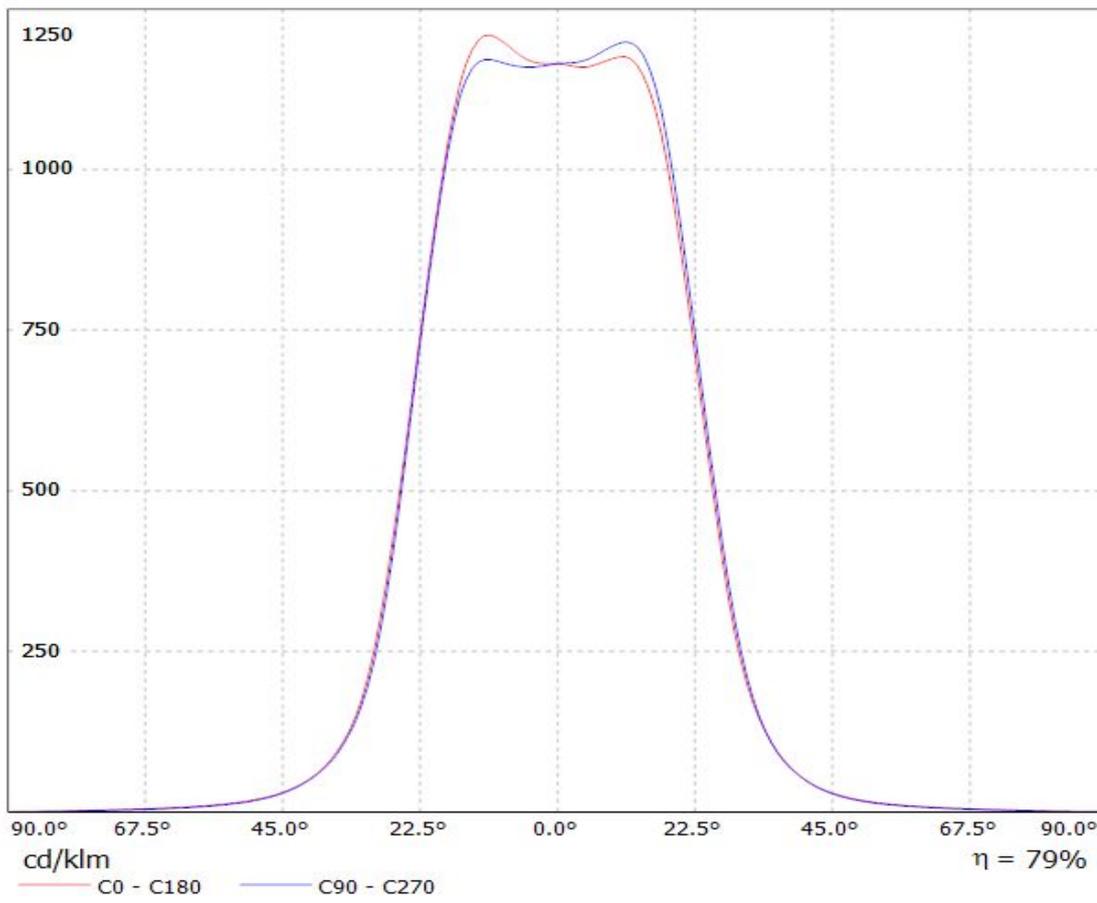
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(Soleriq_P13)

Lamps: 1 x Osram Soleriq P13 (GW MAGMB1.EM)_919.464lm@250mA_CCT=3500K_P=8.80195W_I=0.25A



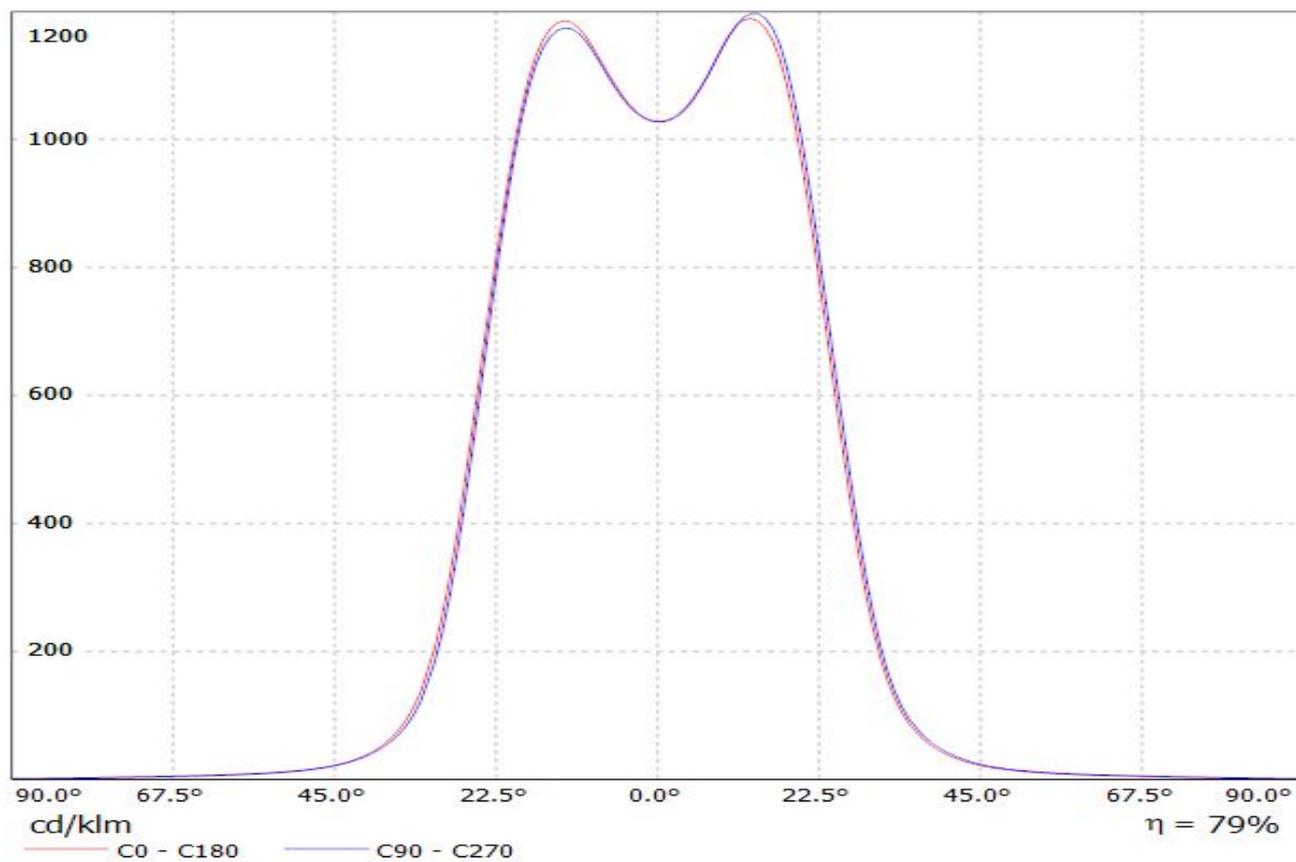
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFDxJ130B)_(463_Typ_L2)

Lamps: 1 x Nichia_NFDxJ130B_(C13868_LENA-STD-BASE-VERO13-18)_(463 Typ L2)_1441.32lm@250mA_P=8.88913W_I=0.2498A



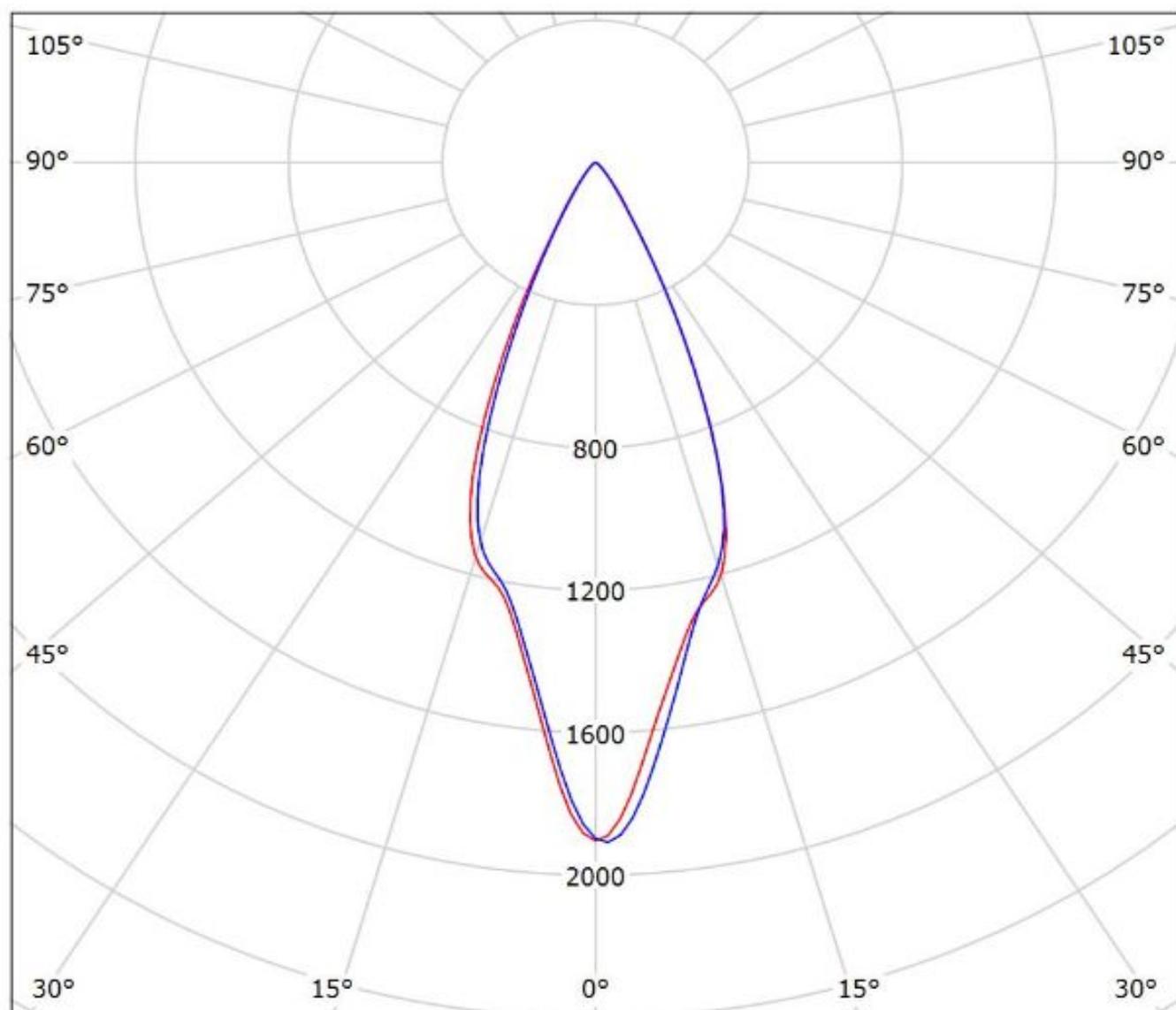
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO18)

Lamps: 1 x VERO18_(BXRC30E4000F)_886.654lm@250mA P=6.76059W I=249.8mA



Luminaire: Ledil CN14091_LENA-W-DL_(CLU700)

Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)_385.255lm@100mA_P=2.82W_I=0.10A

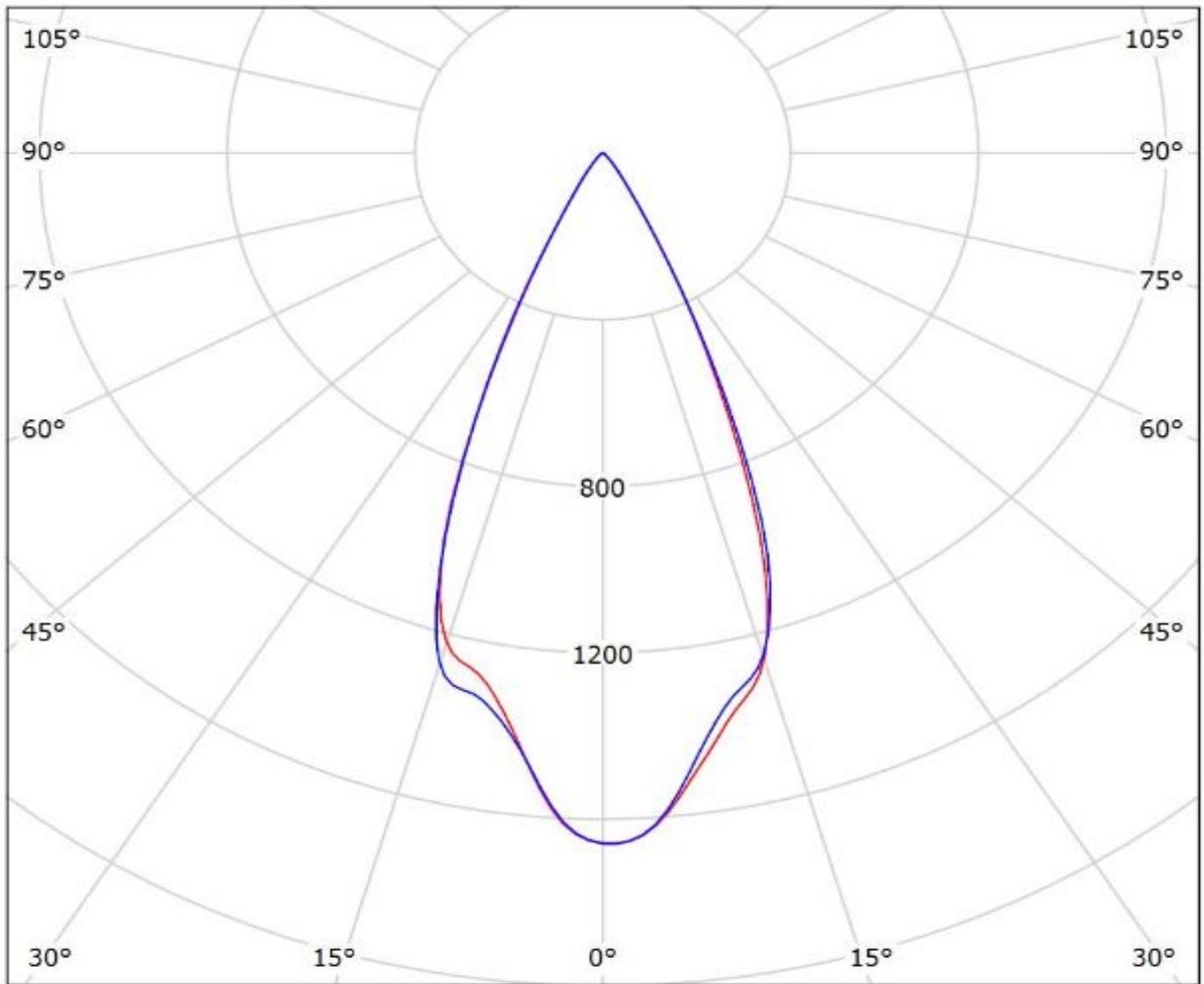


cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: Ledil CN14091_LENA-W-DL_(CXA1520) Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_(C13868_LENA-STD-BASE-VERO13-18)_(441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_(C13868_LENA-STD-BASE-VERO13-18)_(441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A



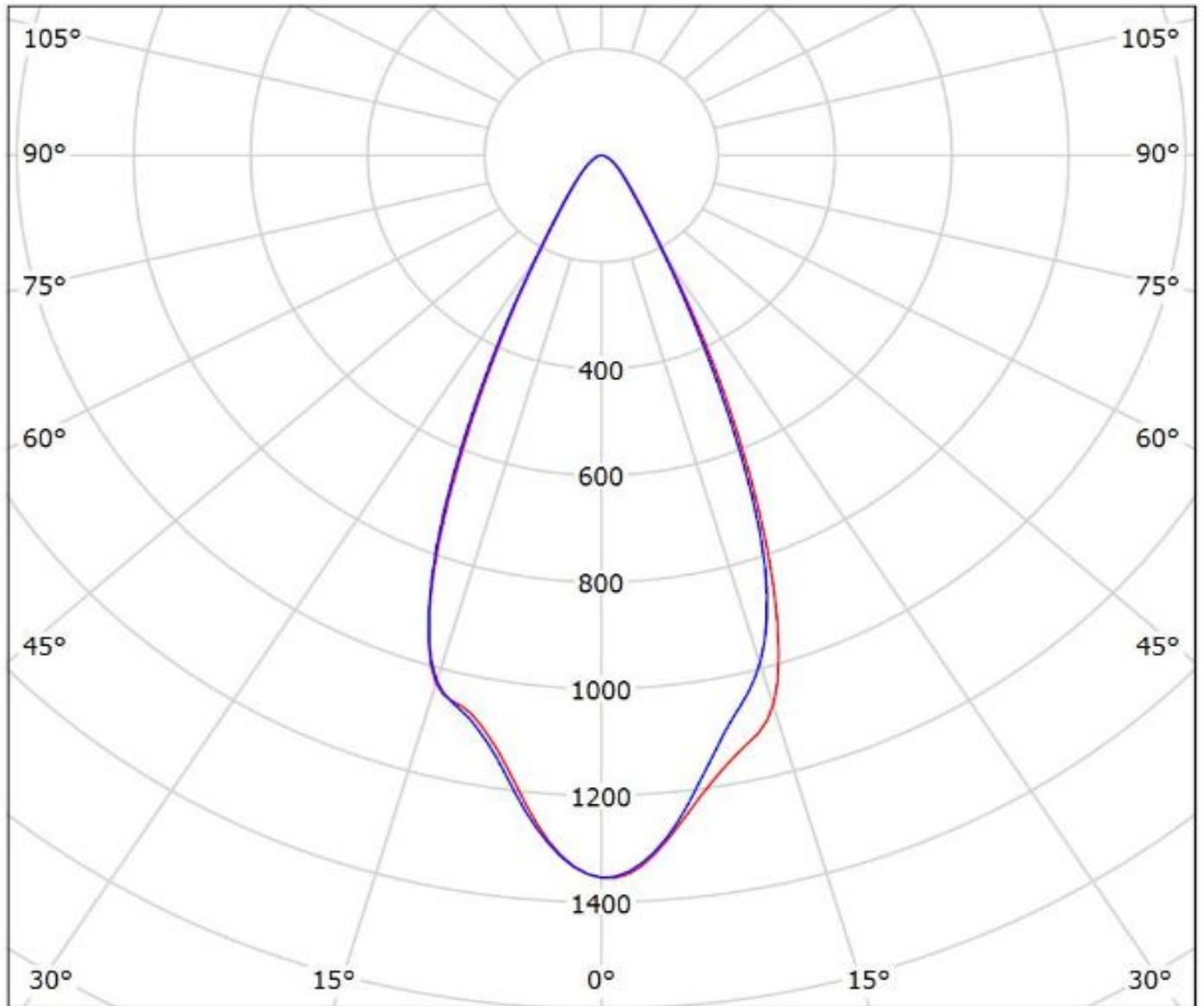
cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: Ledil CN14091_LENA-W-DL_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_975.439lm@250mA_CCT=4299K_P=6.9W_I=0.25A



cd/klm

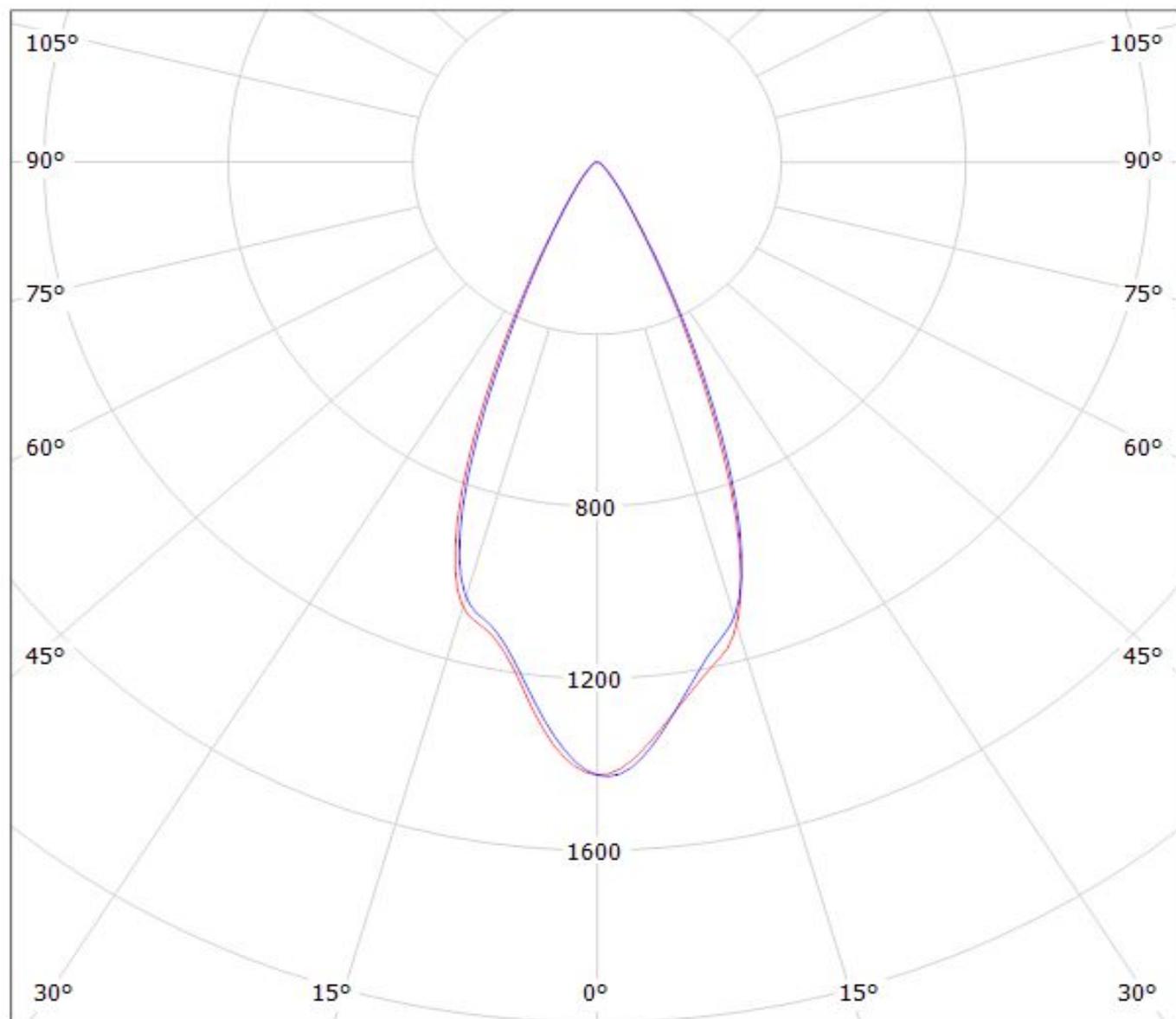
— C0 - C180

— C90 - C270

$\eta = 80\%$

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFCxL036B)

Lamps: 1 x NICHIA_NFCxL036B_(sm403J1300R8000)_540.584lm@100mA_CCT=4000K_P=3.3W_I=0.1A



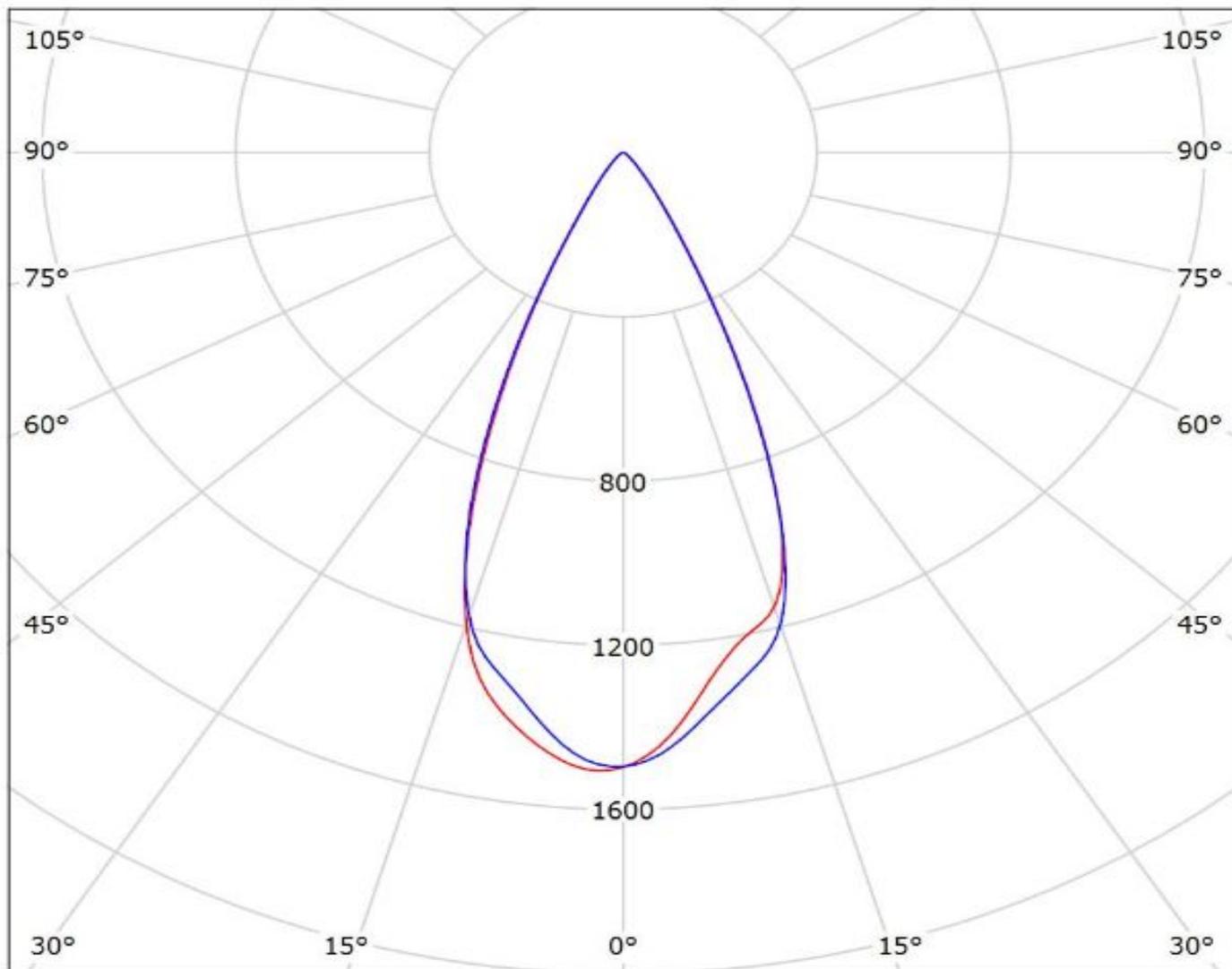
cd/klm

— C0 - C180

— C90 - C270

$\eta = 79\%$

Luminaire: Ledil CN14091_LENA-W-DL_(CLU024)_ (434_Typ_L1) Citizen_CLU024_(CLU024-1204B8-303M1AZ)_ (434_Typ_L1)_ (C13868_LENA-STD-BASE-VERO13-18)_1048.43lm@250mA_P=8.6W_I=0.25A
Lamps: 1 x Citizen_CLU024_(CLU024-1204B8-303M1AZ)_ (434_Typ_L1)_ (C13868_LENA-STD-BASE-VERO13-18)_1048.43lm@250mA_P=8.6W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

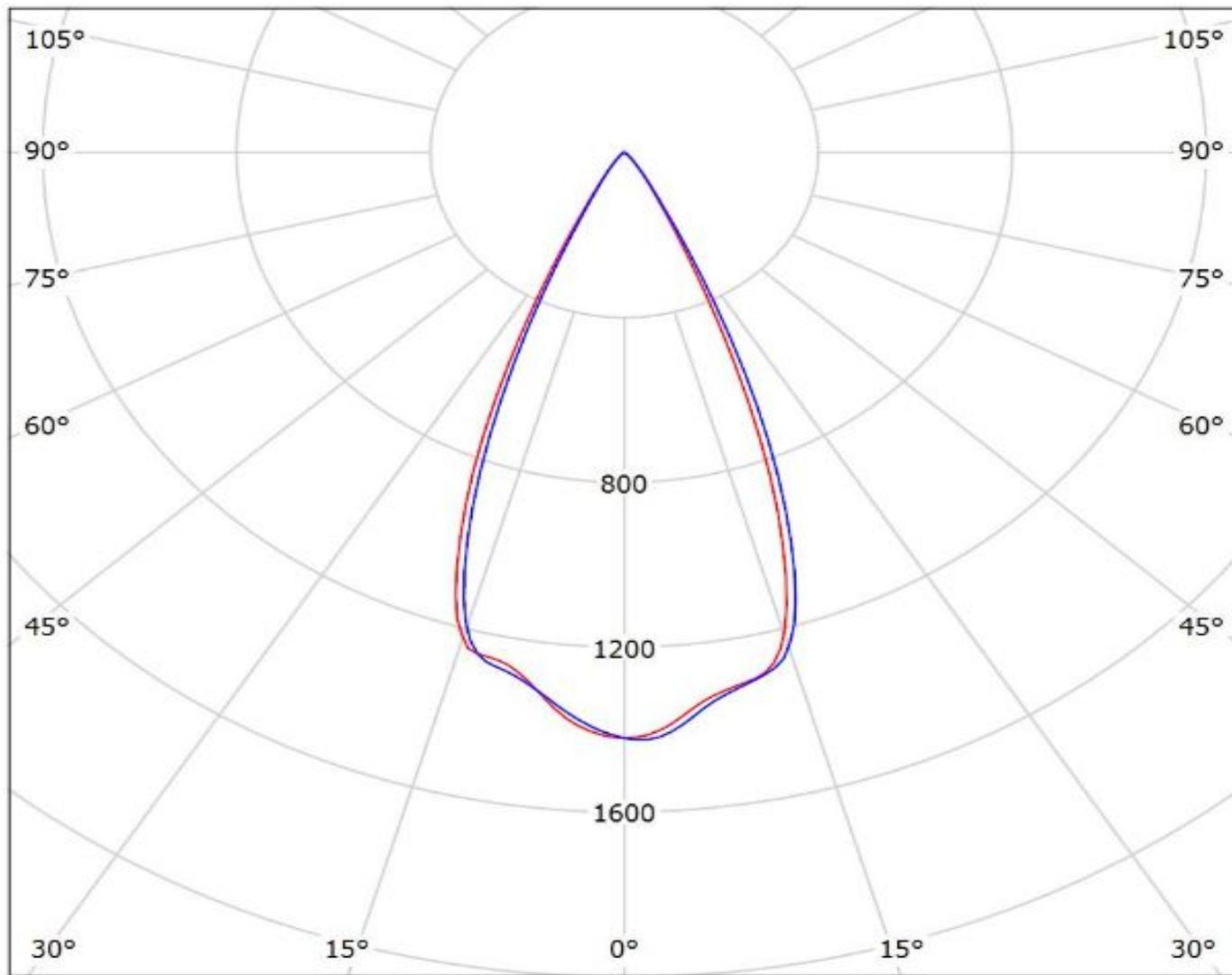
$\eta = 81\%$

LEDiL Oy CN14091_LENA-W-DL_(NFCxL060B) / LDC (Polar)

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFCxL060B)

Lamps: 1 x Nichia_NFCxL060B_(SM403G2450R8000)_(438_Typ_L1)

_1276.73lm@250mA_P=8.45587W_I=0.2499A



cd/klm

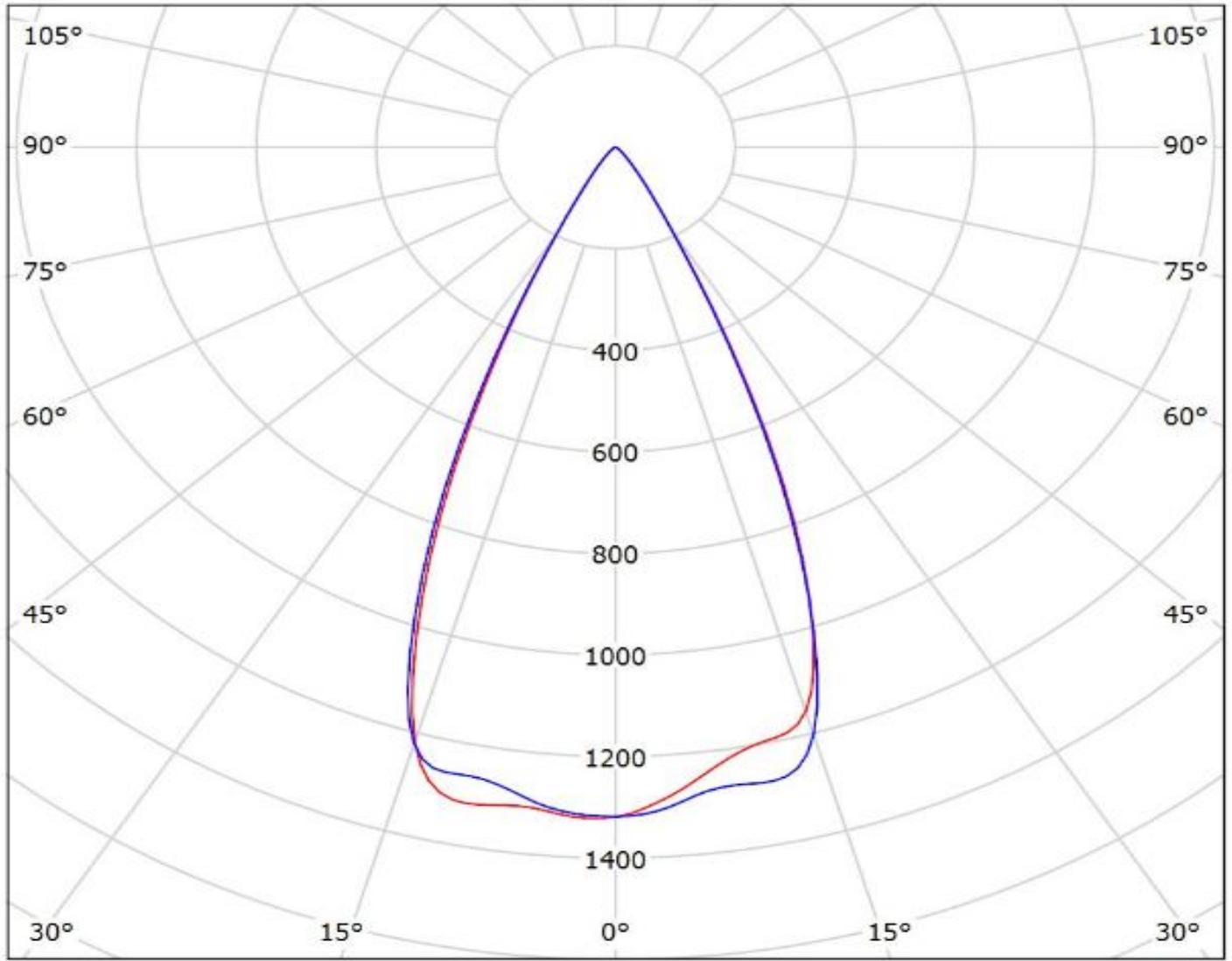
— C0 - C180 — C90 - C270

$\eta = 79\%$

Ledil CN14091_LENA-W-DL_(Soleriq_S13) / LDC (Polar)

Luminaire: Ledil CN14091_LENA-W-DL_(Soleriq_S13)

Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_921.228lm@250mA_P=7.44679W_I=250mA



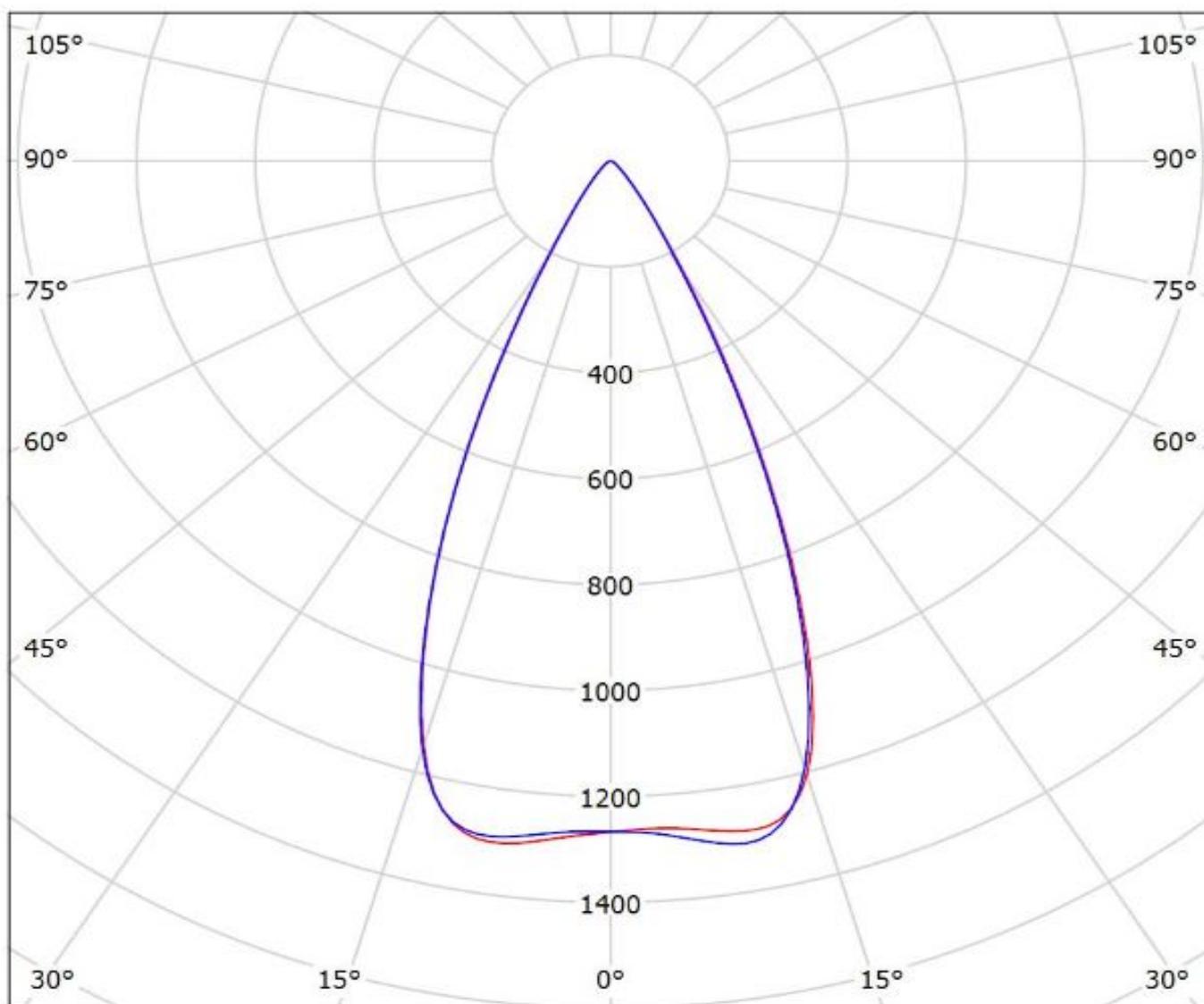
cd/klm

— C0 - C180

— C90 - C270

$\eta = 78\%$

Luminaire: Ledil CN14091_LENA-W-DL_(CLU034)_(433_Typ_L1) Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.01lm@250mA_P=8.5W_I=0.25A
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.01lm@250mA_P=8.5W_I=0.25A

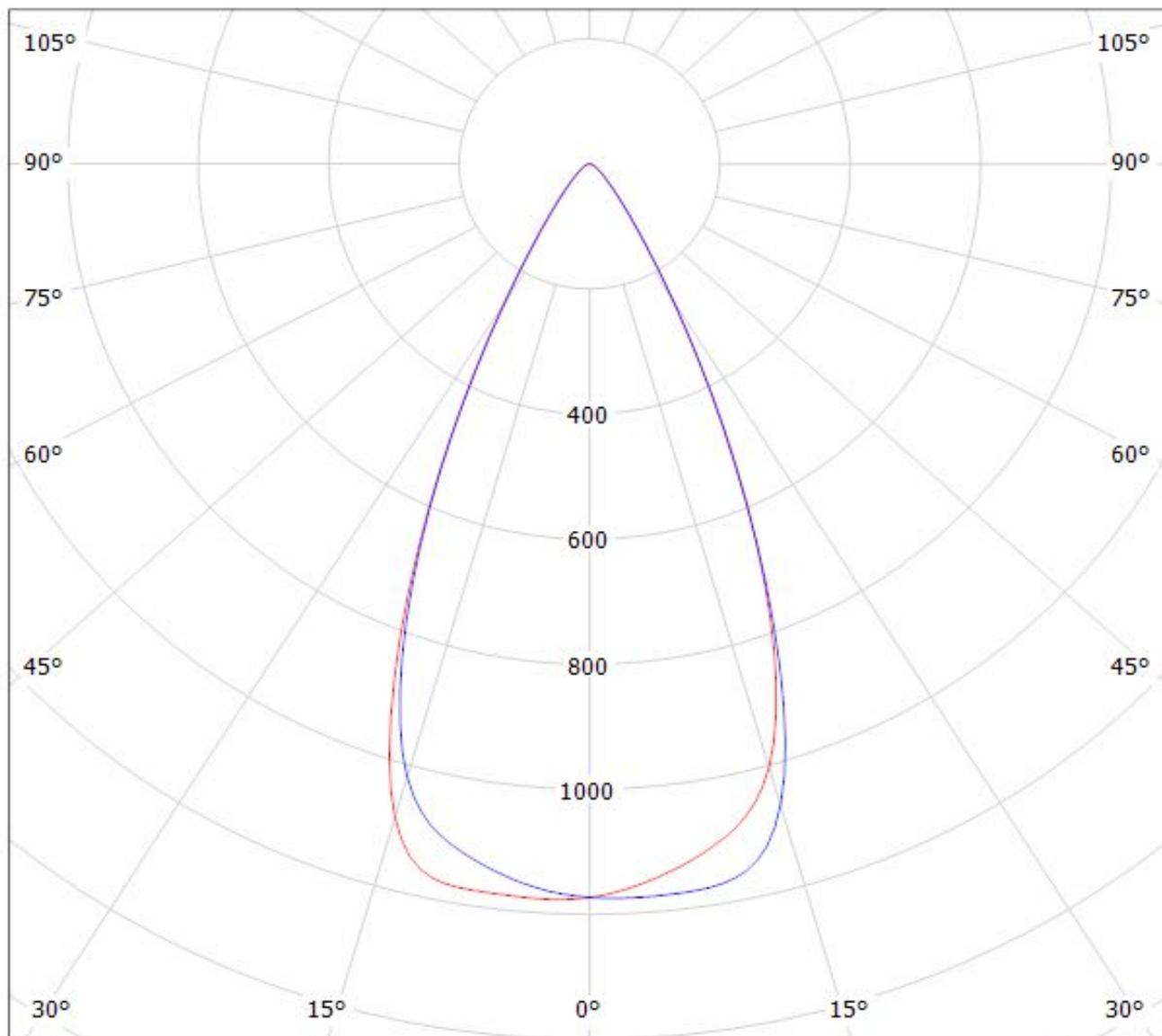


cd/klm
— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO13)

Lamps: 1 x VERO13_(BXRC-40E2000C)_1047.61lm@250mA P=7.58043 I=0.2498A



cd/klm

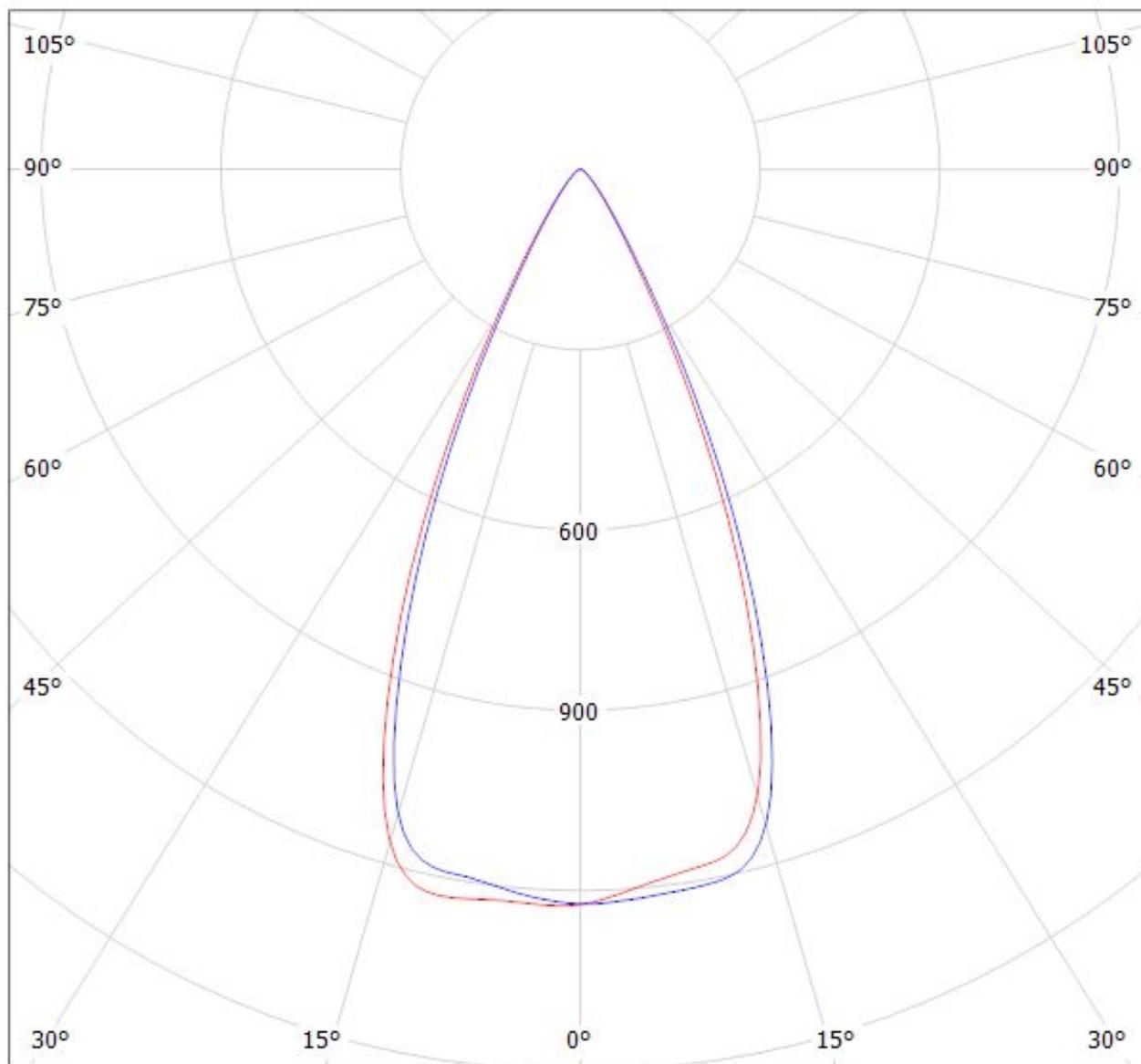
$\eta = 79\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(Soleriq_P13)

Lamps: 1 x Osram Soleriq P13 (GW MAGMB1.EM)_919.464lm@250mA_CCT=3500K_P=8.80195W_I=0.25A



cd/klm

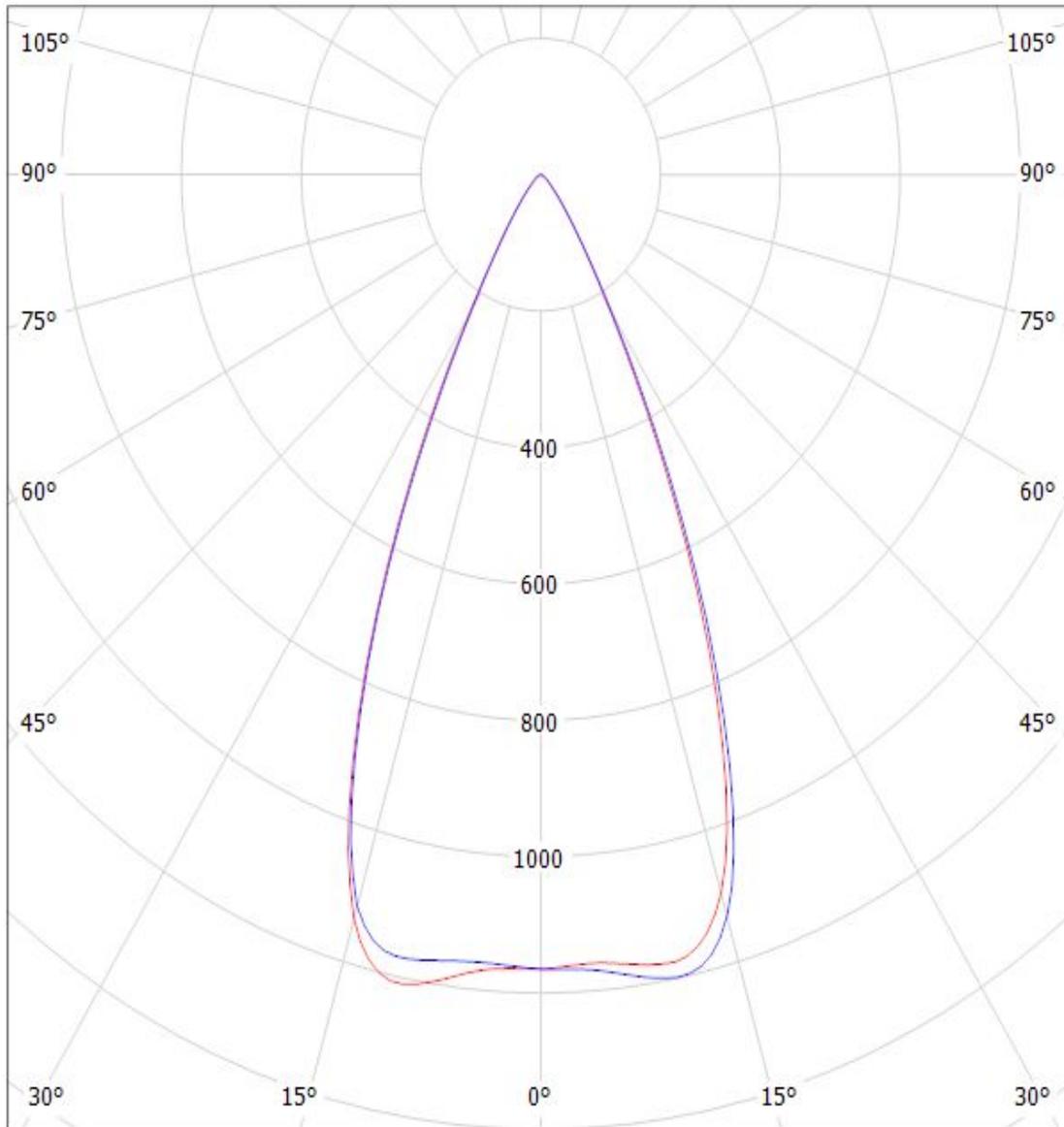
— C0 - C180

— C90 - C270

$\eta = 79\%$

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFDxJ130B)_(463_Typ_L2)

Lamps: 1 x Nichia_NFDxJ130B_(C13868_LENA-STD-BASE-VERO13-18)_(463 Typ L2)_1441.32lm@250mA_P=8.88913W_I=0.2498A



cd/klm

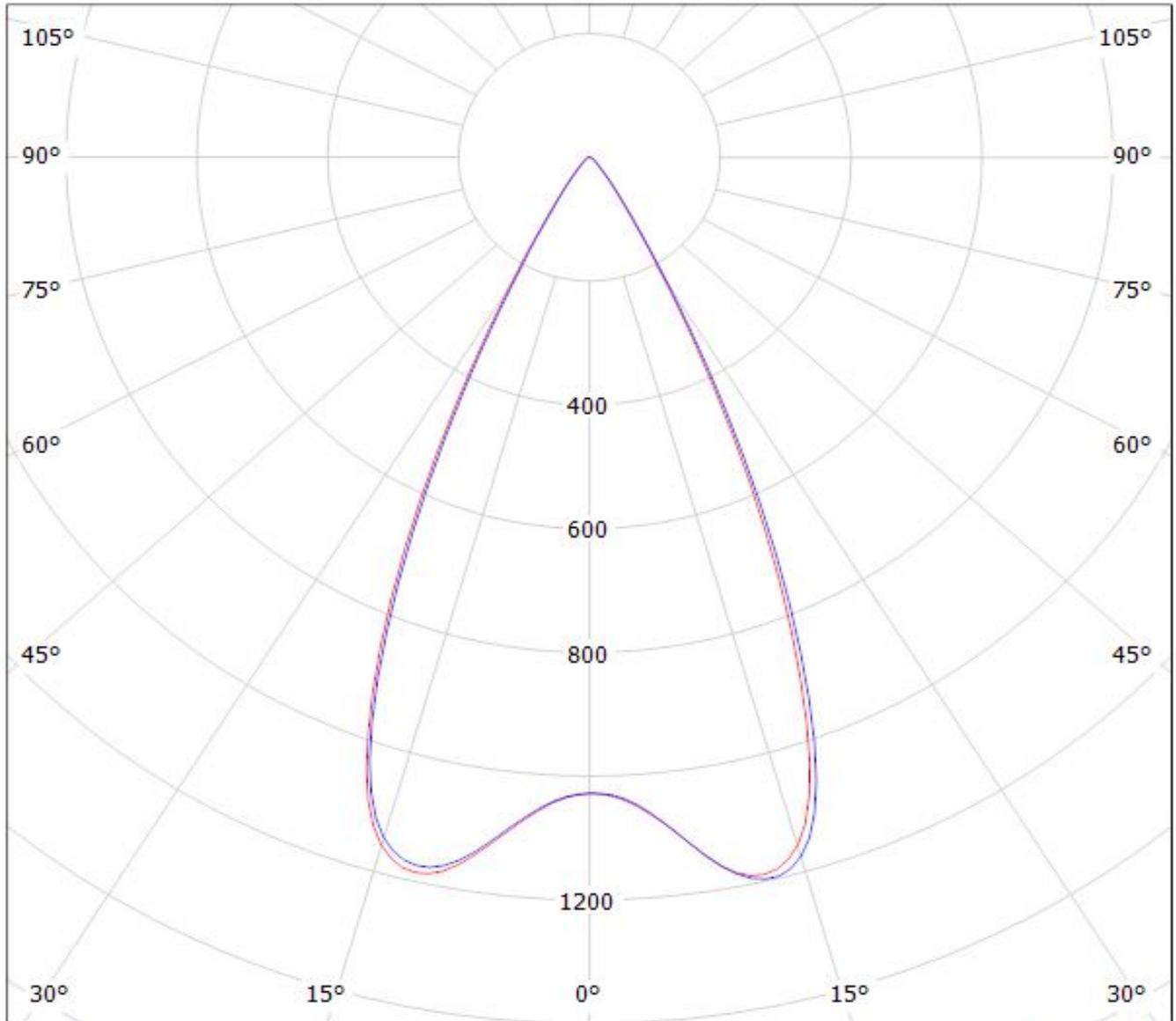
$\eta = 79\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO18)

Lamps: 1 x VERO18_(BXRC30E4000F)_886.654lm@250mA P=6.76059W I=249.8mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 79\%$

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.