

DETAILS

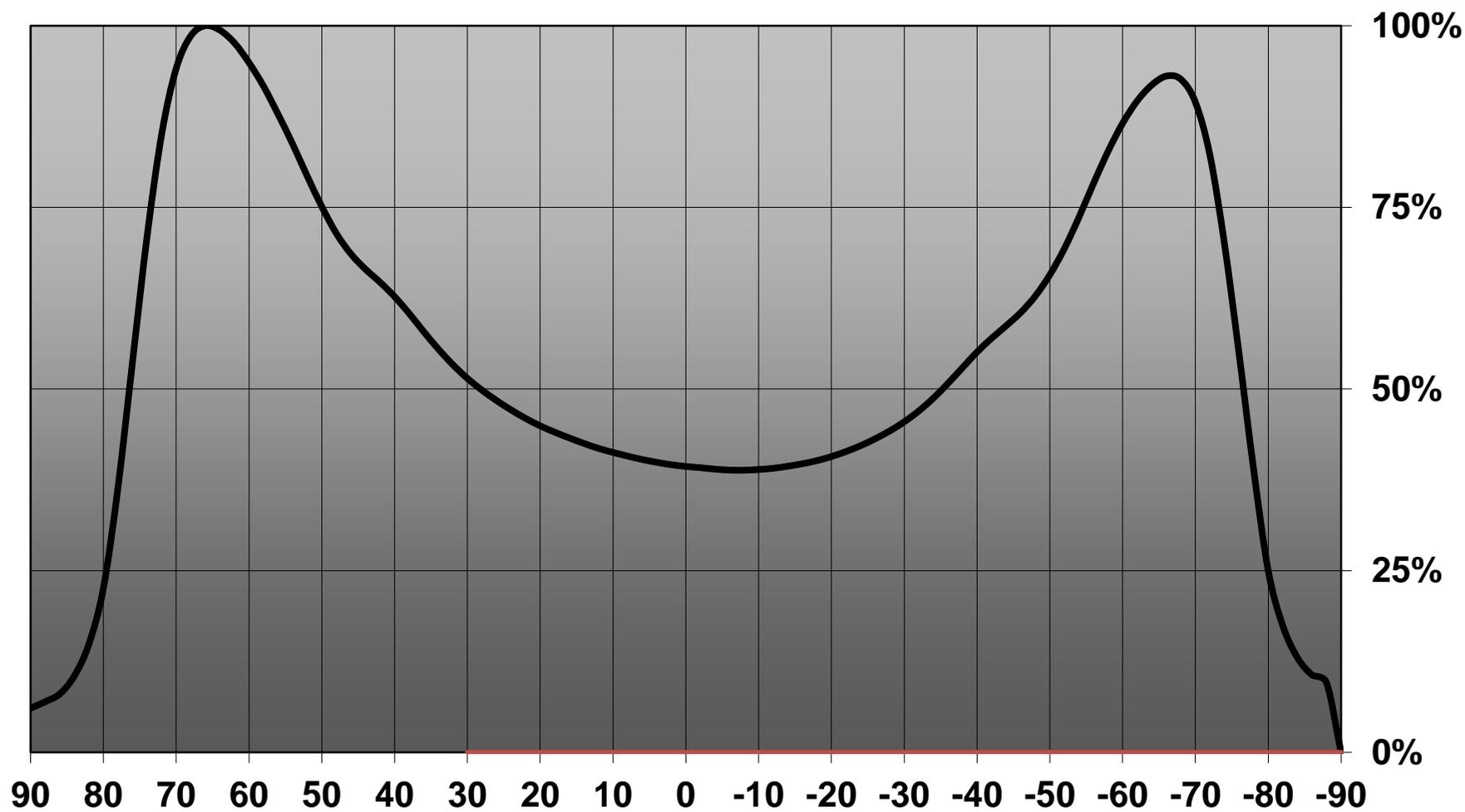
Product Number	C13226_DOROTHY-4-A
Family	Dorothy
Type	Lens array
Color	clear
Diameter	50.6 mm
Height	4,5 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin
Status	ready
ROHS Compliant	Yes
Date Updated	25/09/2013



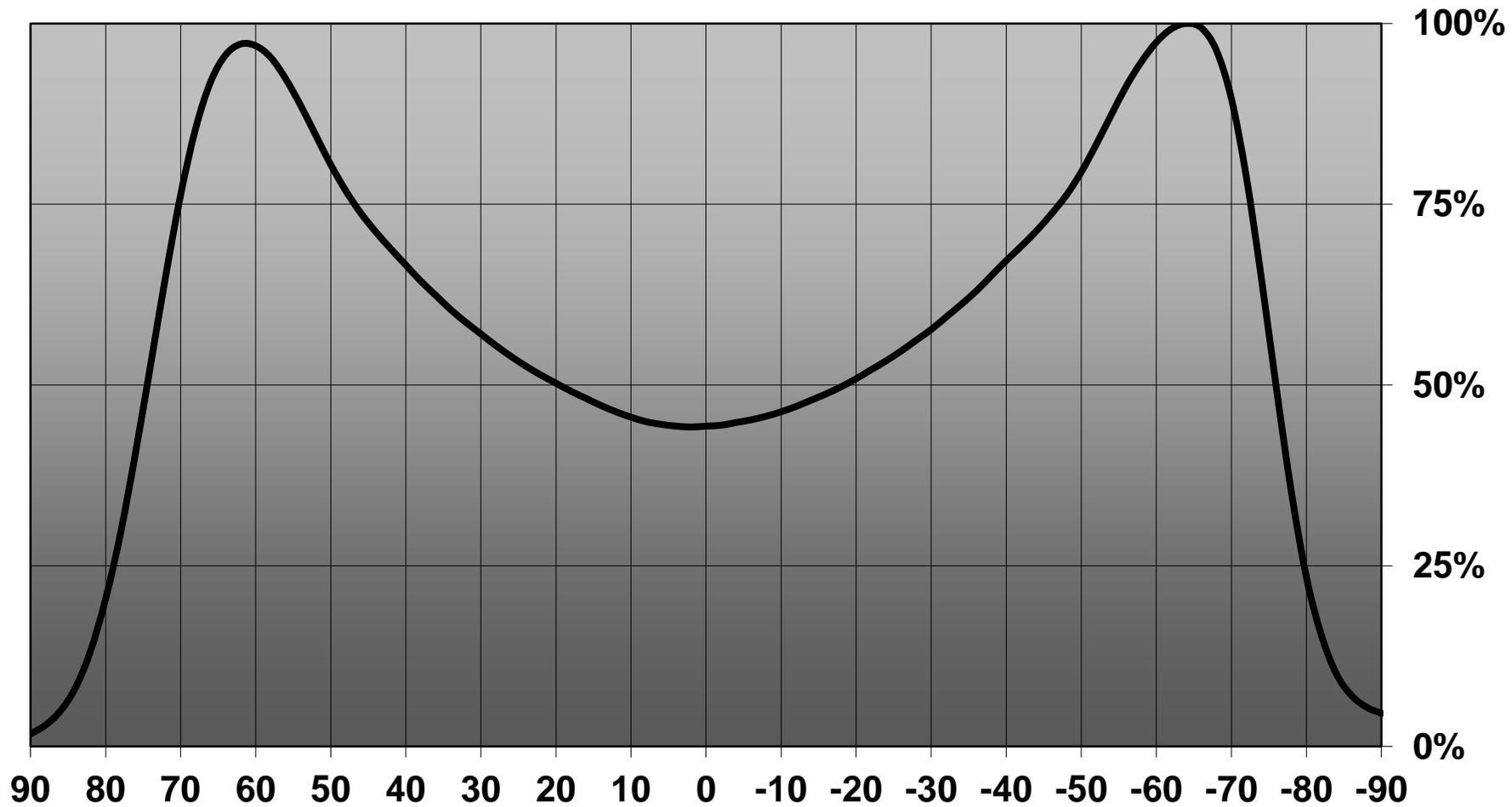
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-E	sim: 155	Side-Emitt...	sim: 90 %	sim: 0.000	-
NVSxx19A	sim: 145	Side-Emitt...	sim: 88 %	sim: 0.000	-
NCSxx19A	143 deg	Side-Emitt...	93 %	0.277	-
LUXEON R	151 deg	Side-Emitt...	93 %	0.256	-
XP-G2	152 deg	Side-Emitt...	94 %	0.300	-
LH351Z	152 deg	Side-Emitt...	92 %	0.250	-
NVSxx19B/NVSxx19C	152 deg	Side-Emitt...	93 %	0.247	-
LUXEON Rebel	153 deg	Side-Emitt...	91 %	0.247	-
XP-G	155 deg	Side-Emitt...	93 %	0.252	-
XT-E	155 deg	Side-Emitt...	93 %	0.250	-
LUXEON A	157 deg	Side-Emitt...	93 %	0.245	-
NCSxx19B	158 deg	Side-Emitt...	92 %	0.300	-
XP-E2	160 deg	Side-Emitt...	94 %	0.300	-

Relative intensity of C13226_DOROTHY-4-A-(XPG2)



Relative intensity of C13226_DOROTHY-4-A_(LH351Z)



— 1: 0-180

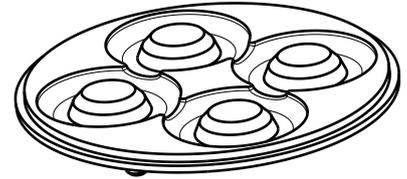
D

C

B

A

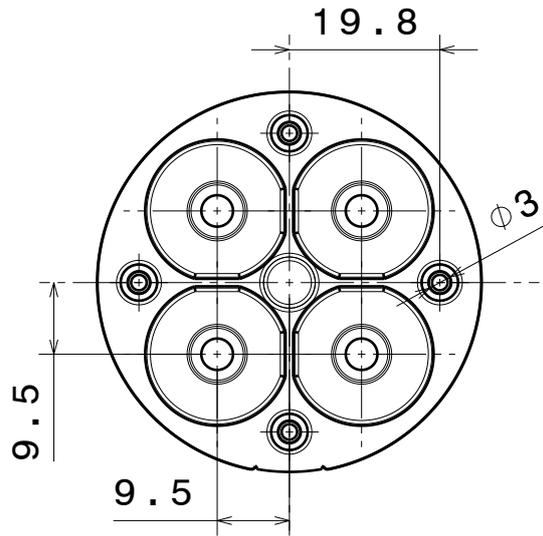
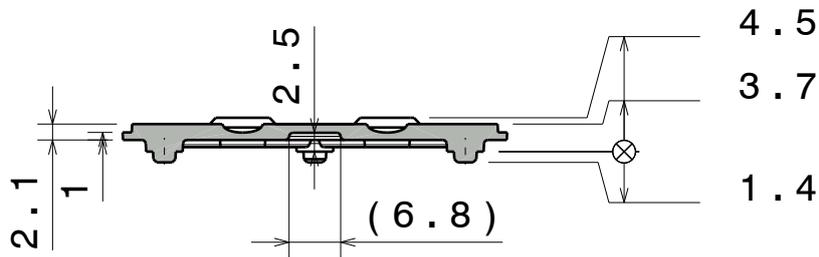
4



Isometric view

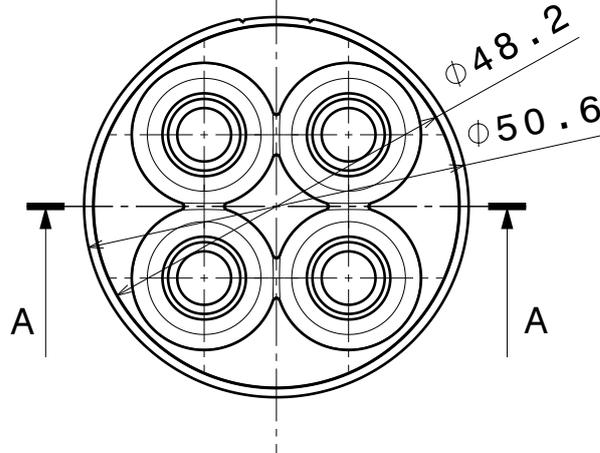
4

Bottom view

Section view
A-A

3

Top view



2

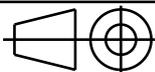
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13226	DOROTHY-4-A	PMMA	

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

C13226_DOROTHY-4-A

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of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy."

SIZE PART NUMBER

A4

C13226

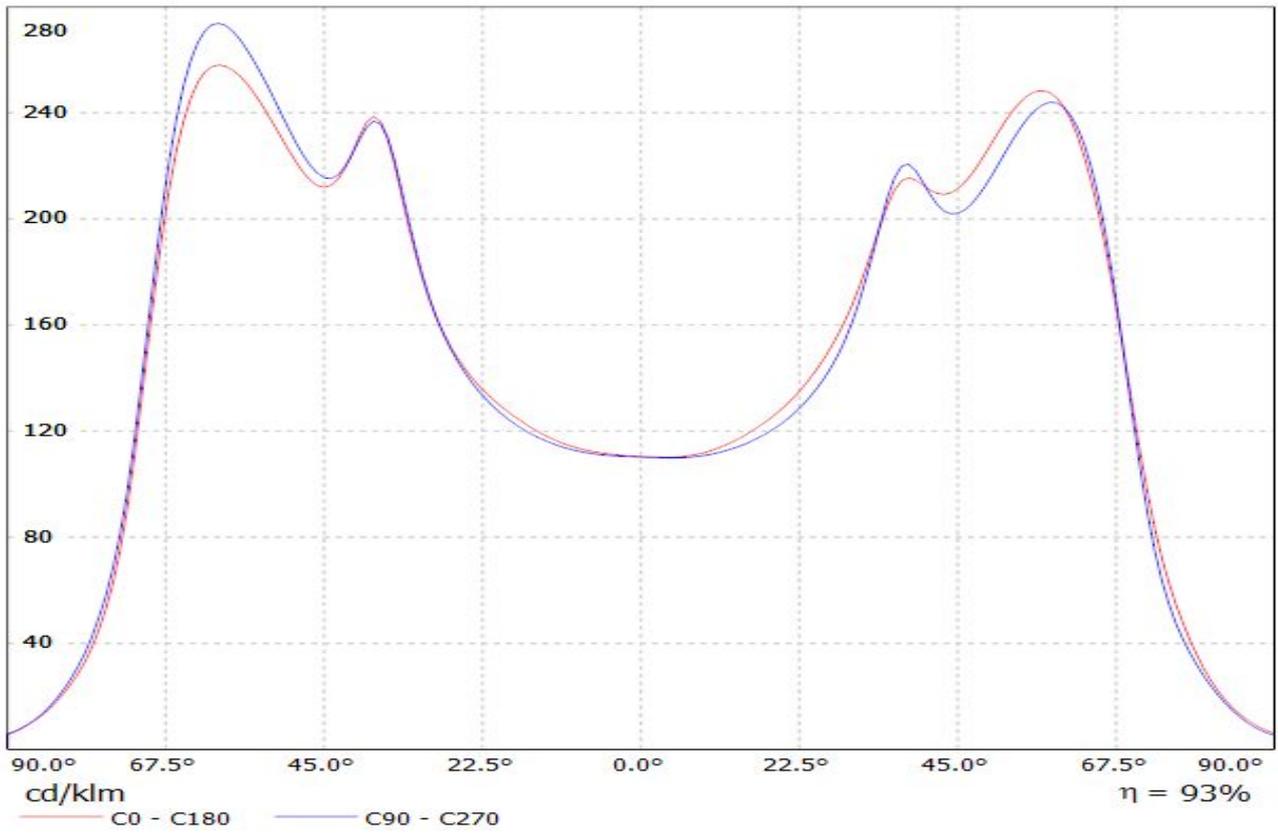
SCALE	1:1	WEIGHT	4,3 g	SHEET	1/1
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1

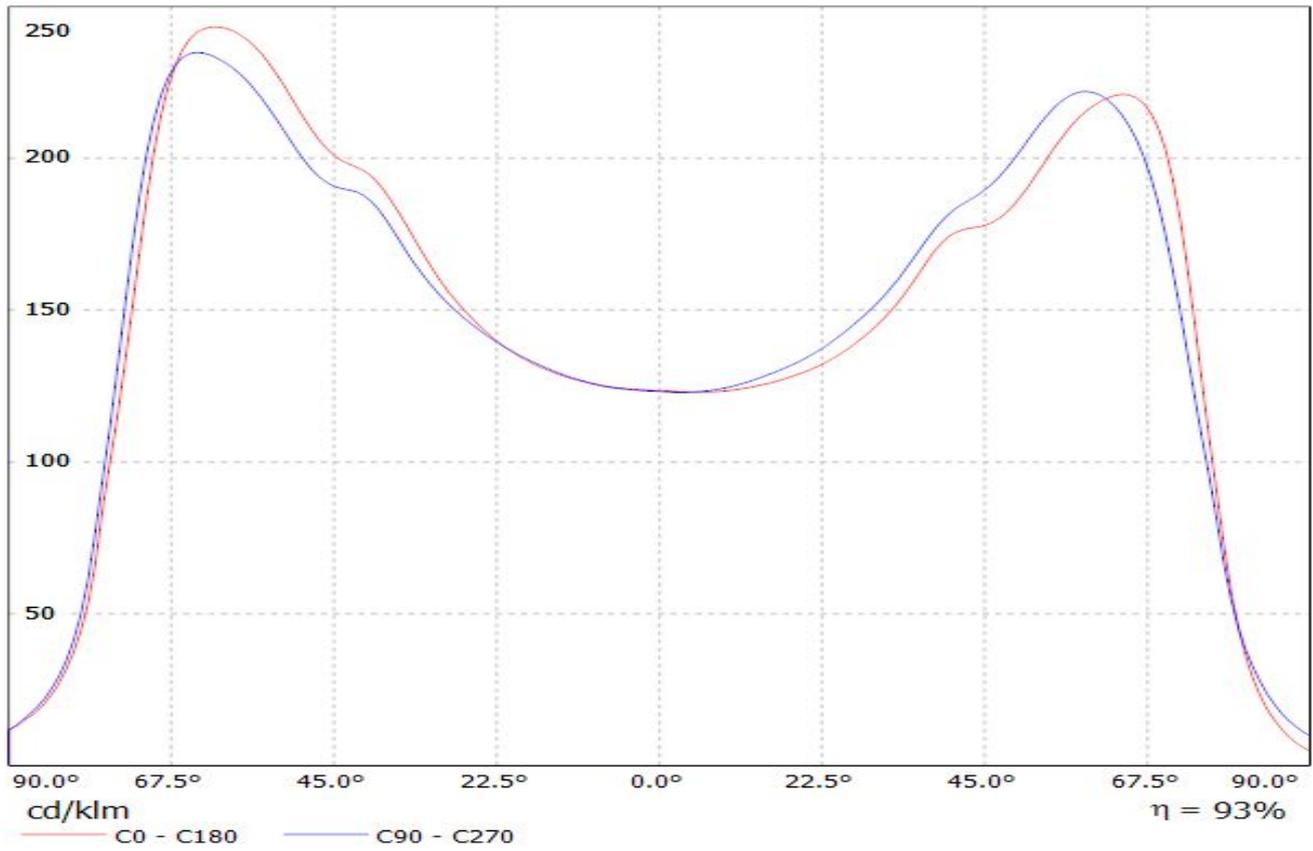
D

A

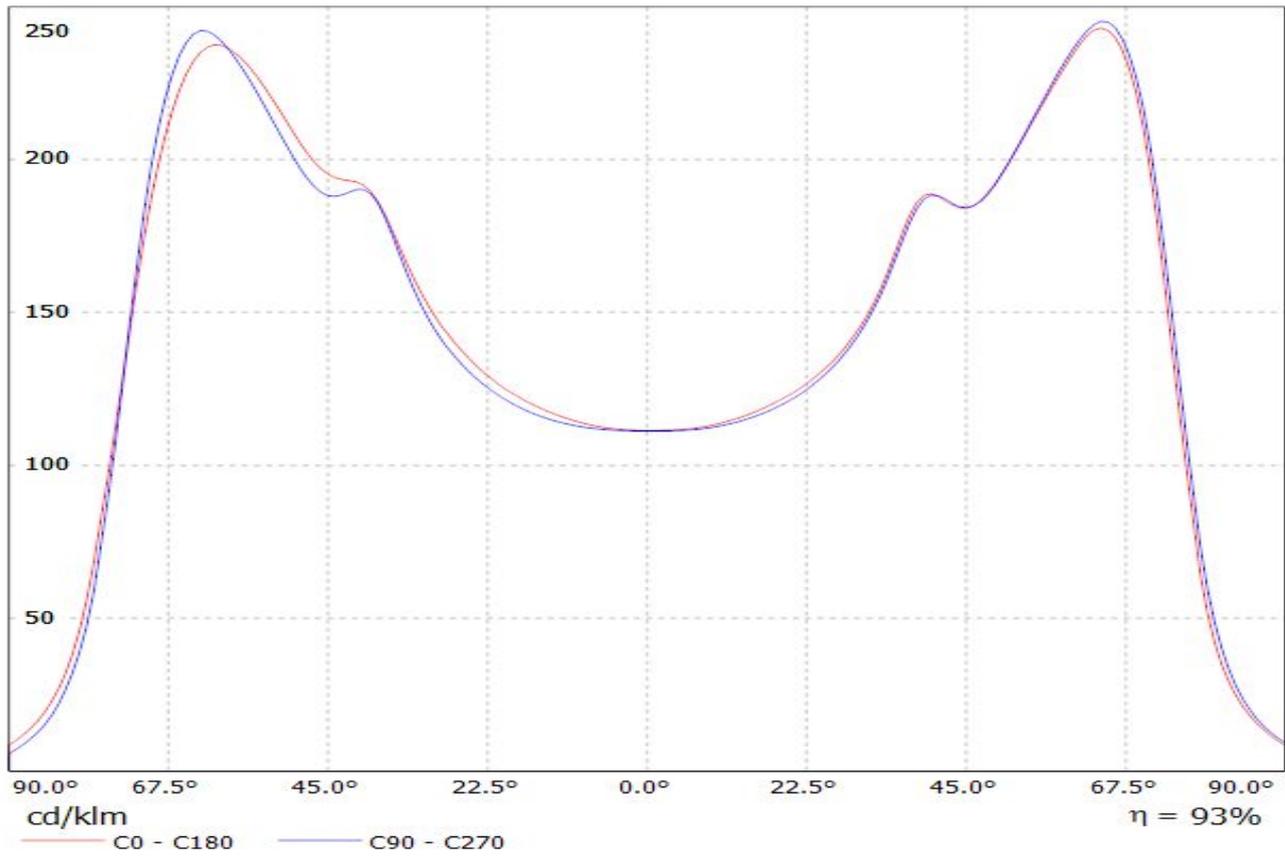
Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(NCS19) Eff. 92,6%
Lamps: 1 x Nichia NCSxx19 (330@250mA)



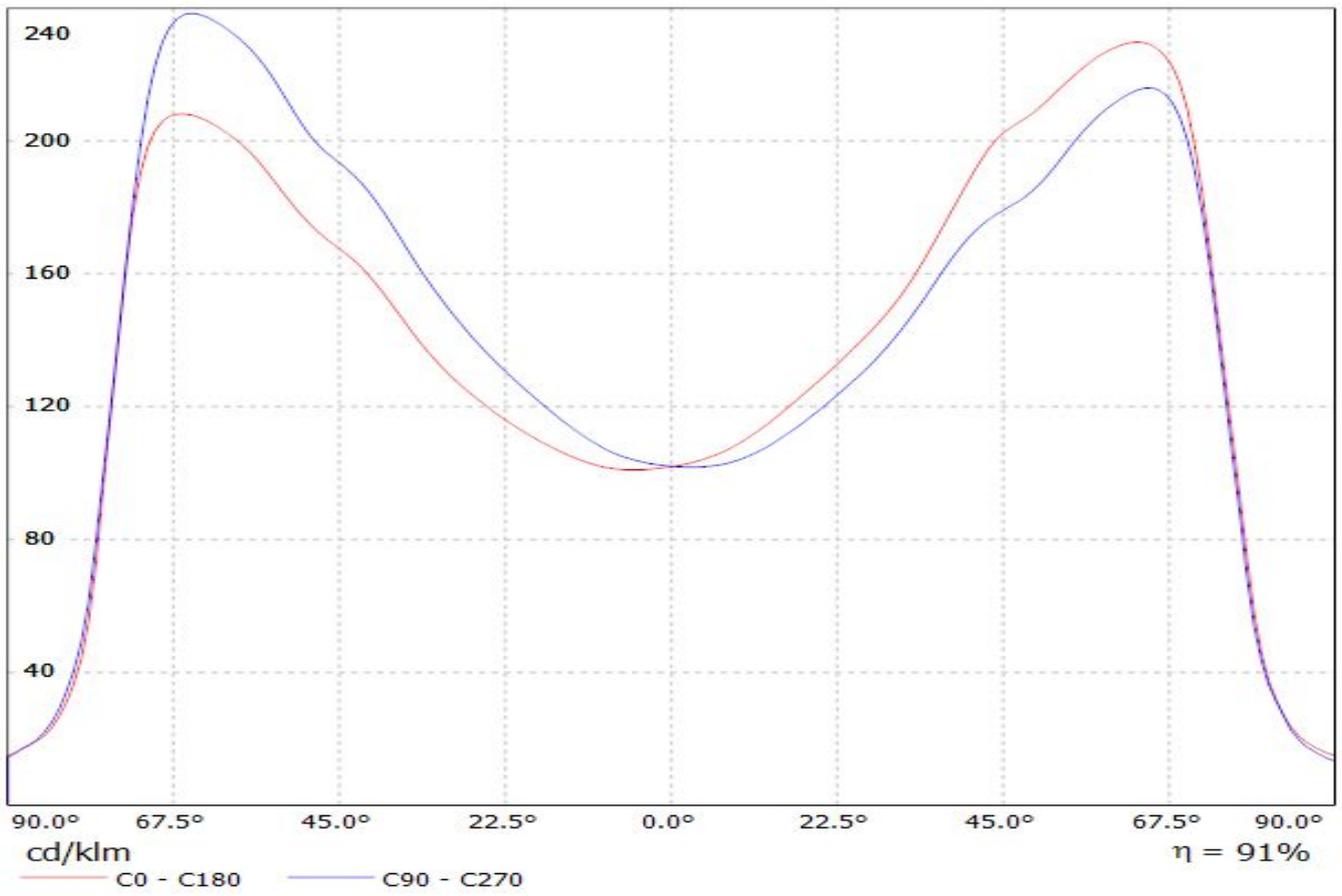
Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(XT-E) Eff. 93,2%
Lamps: 1 x Cree XT-E (296lm@250mA)



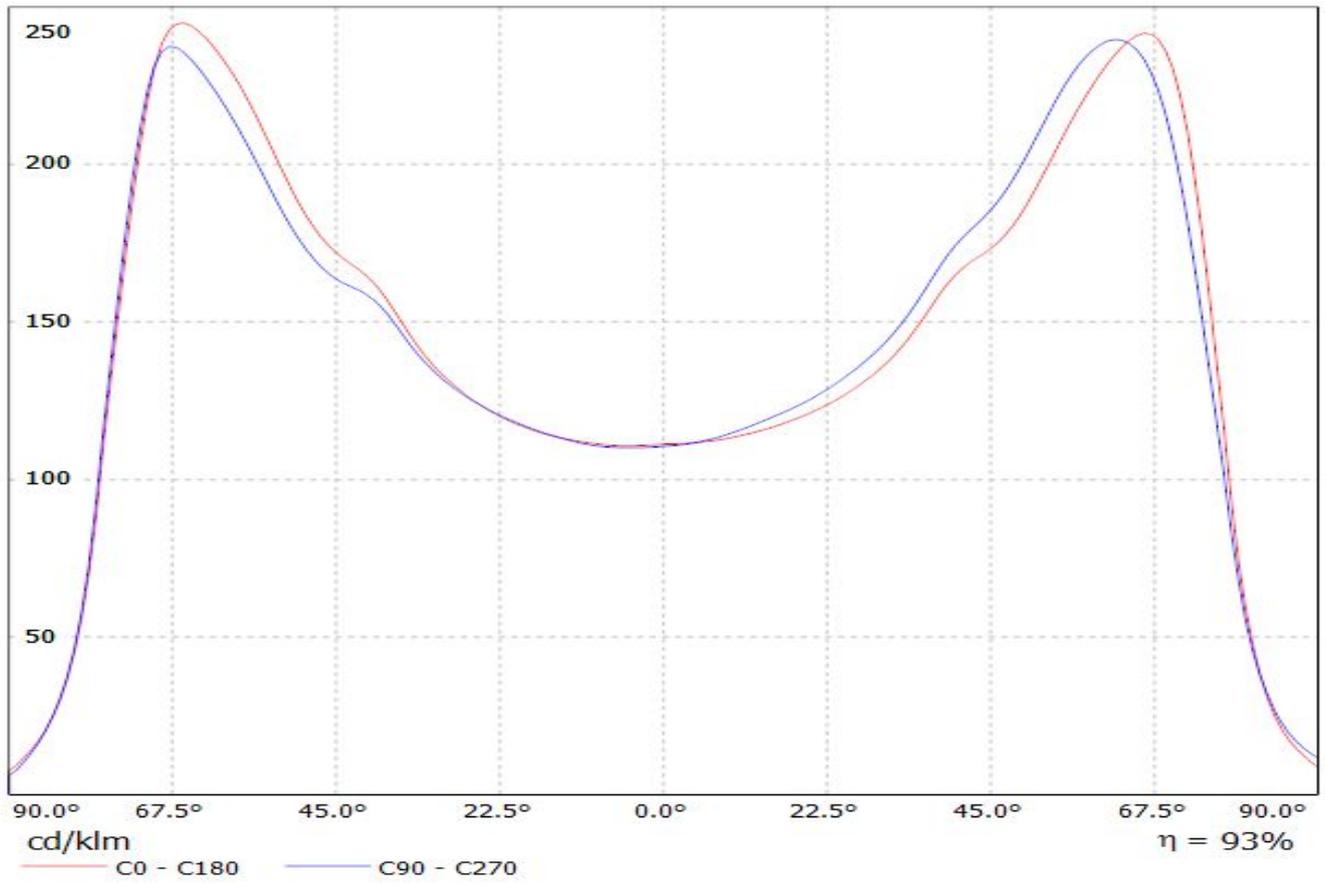
Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(NVS19B) Eff. 93%
Lamps: 1 x Nichia NVSxx19B (301@250mA)



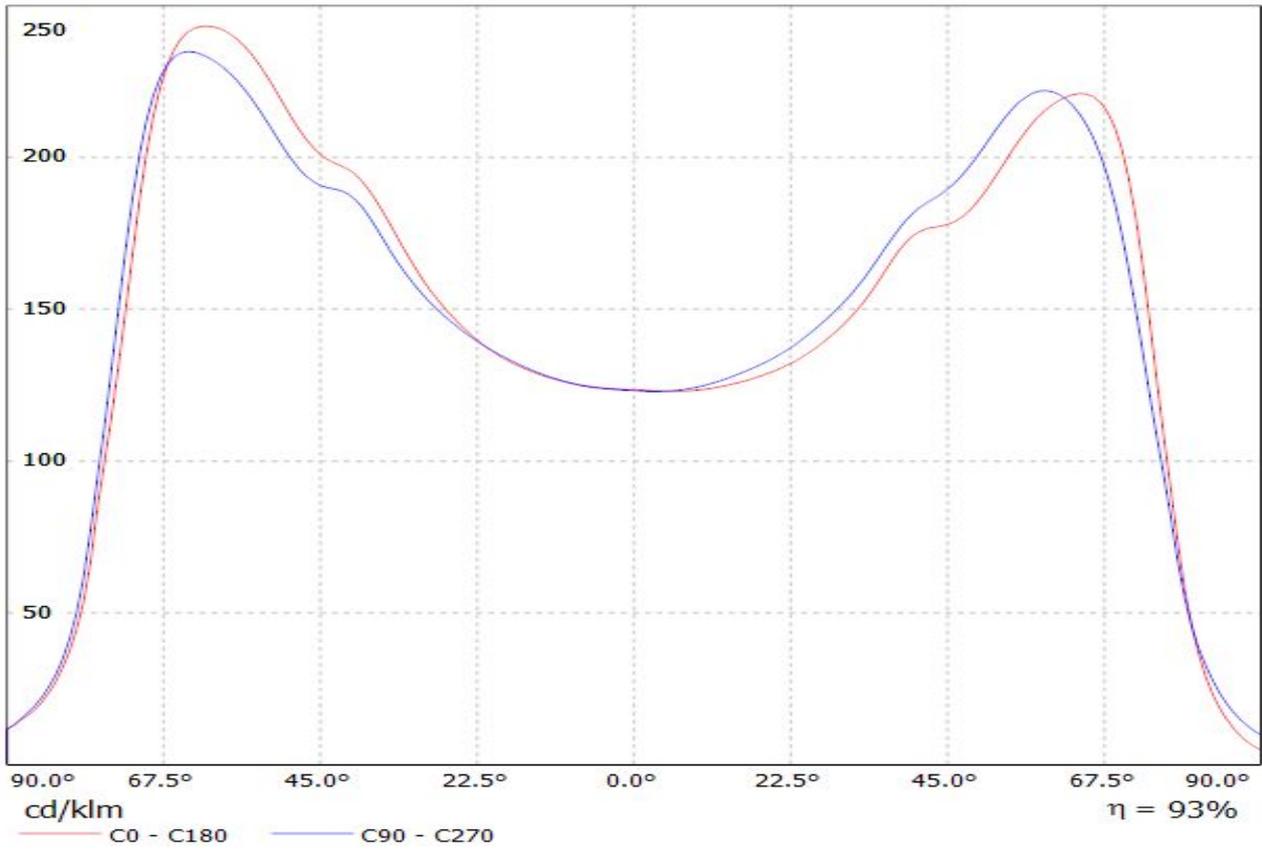
Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(REBEL) Eff.91.5%
Lamps: 1 x Luxeon REBEL (250lm@250mA)



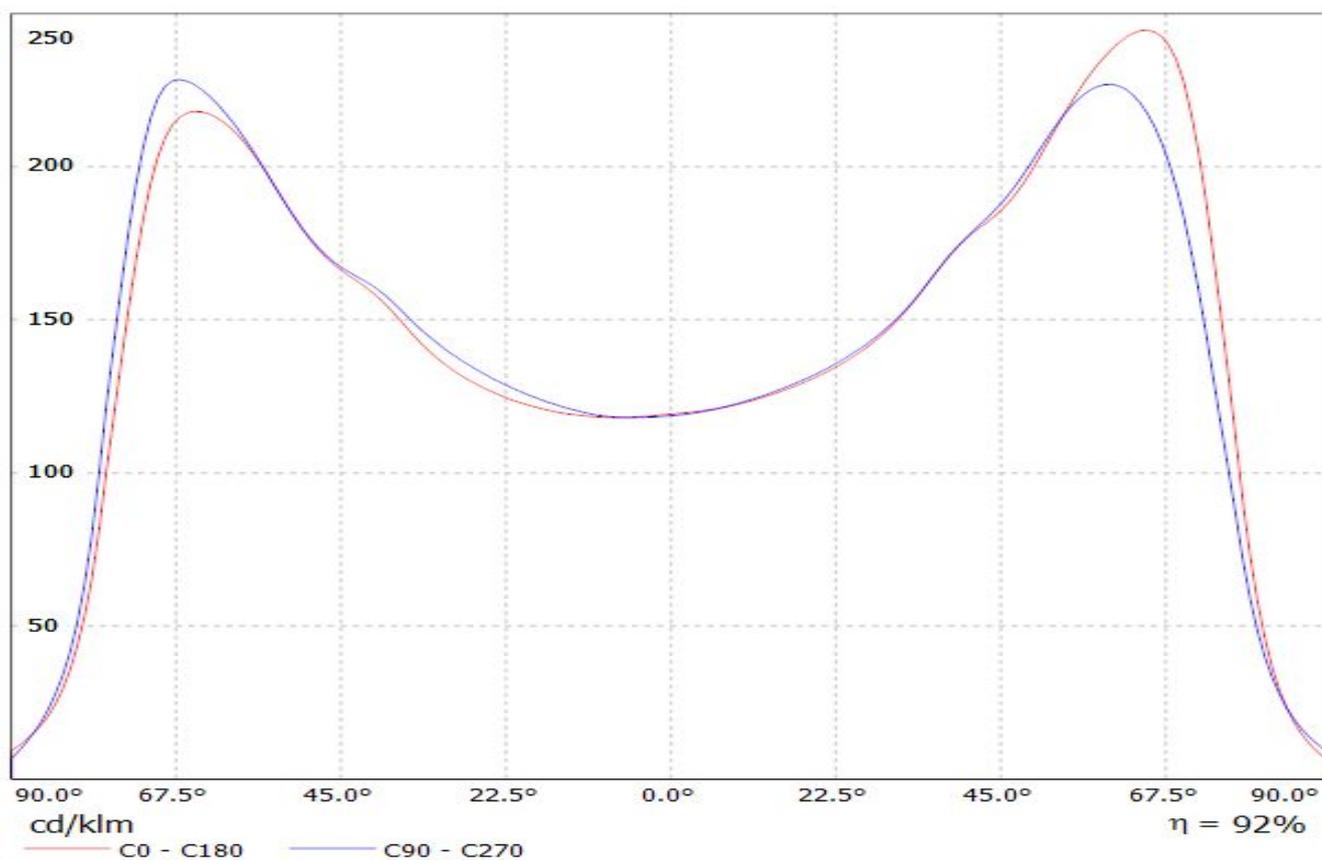
Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(XP-G) Eff. 93,3%
Lamps: 1 x Cree XP-G (254@250mA)



Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(XT-E) Eff. 93,2%
Lamps: 1 x Cree XT-E (296lm@250mA)

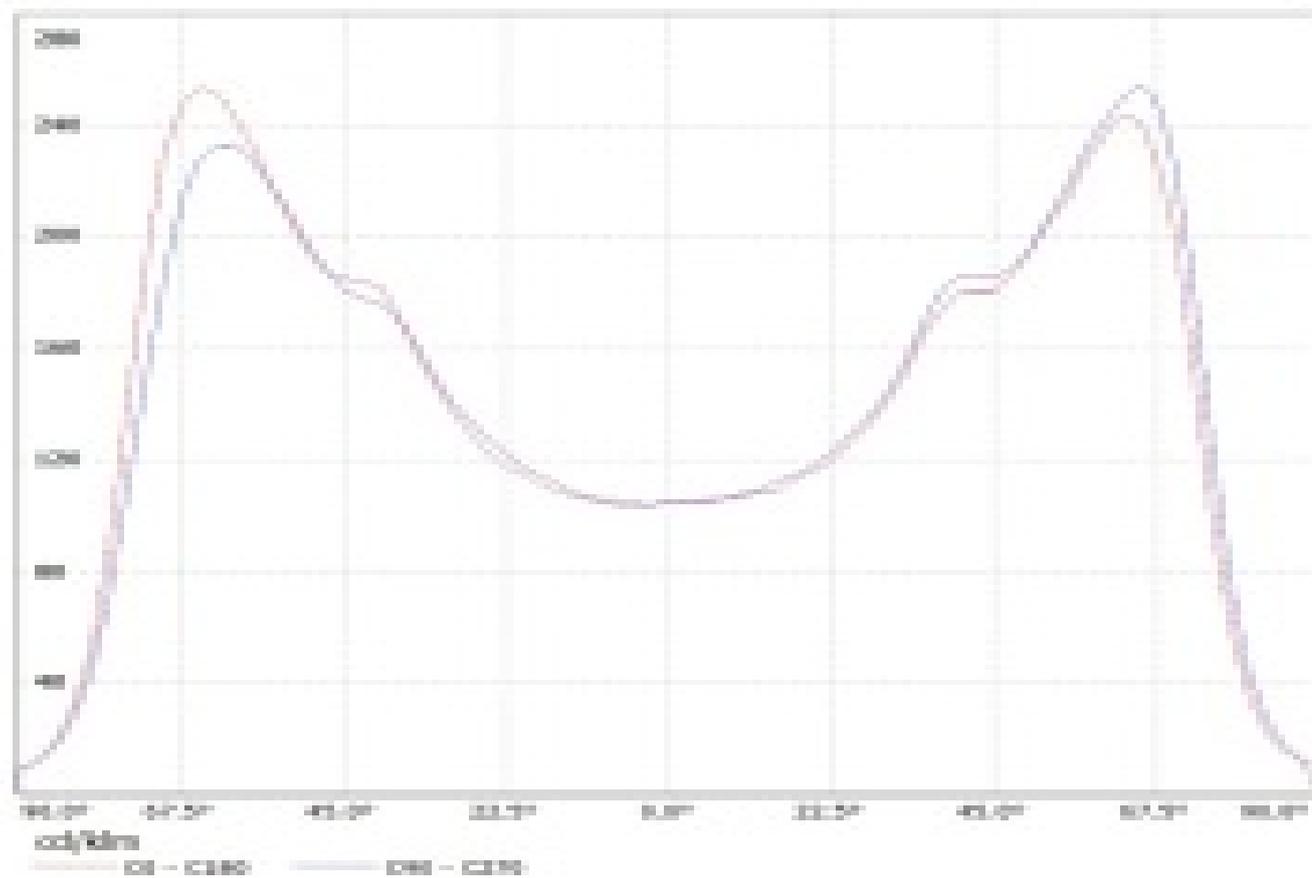


Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(Luxeon_A) Eff. 92,5%
Lamps: 1 x Luxeon A (265@250mA)

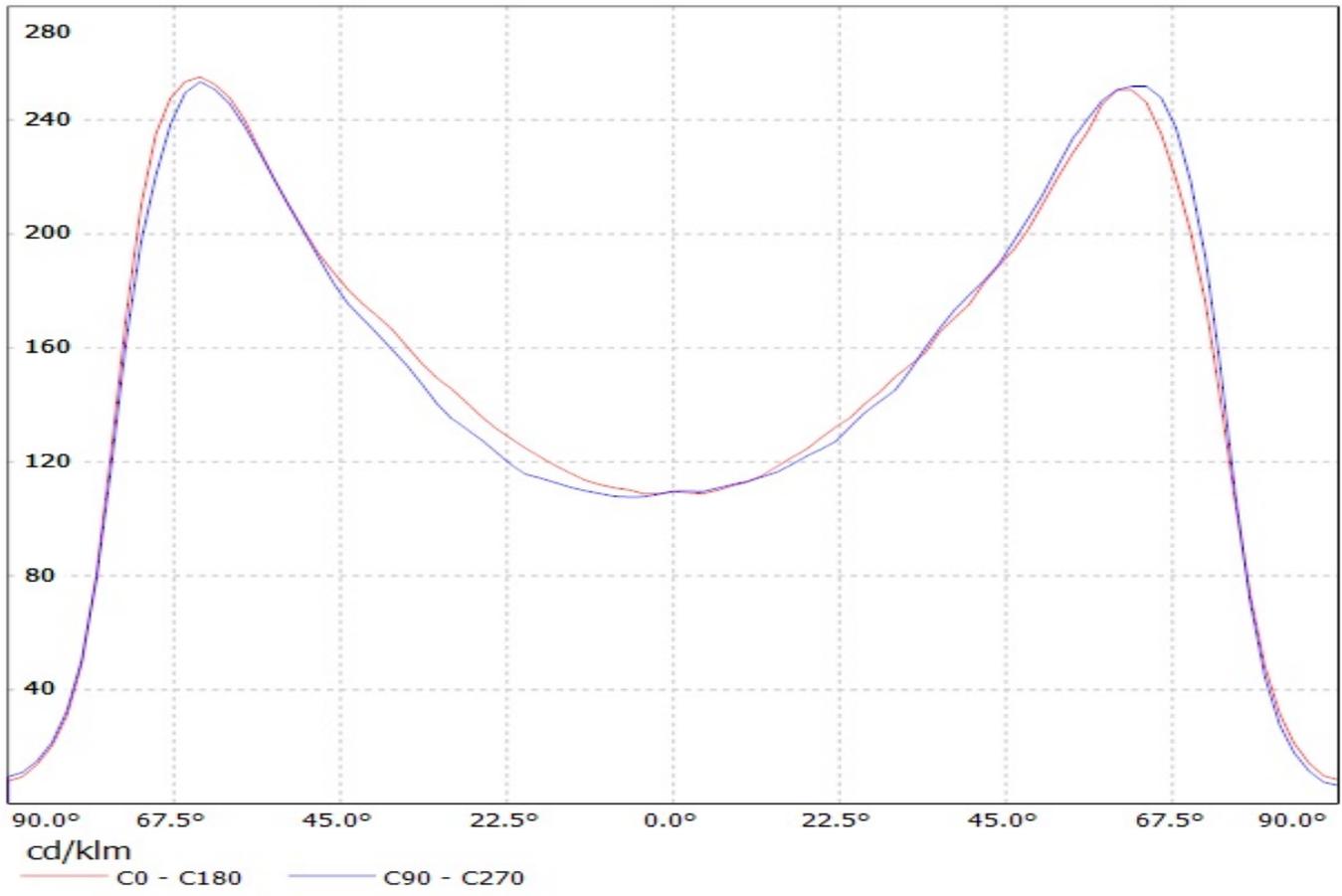


Luminaire: Led8-0y-0183M (DOROTHY-4-A, 800x400mm) Efficiency:82%

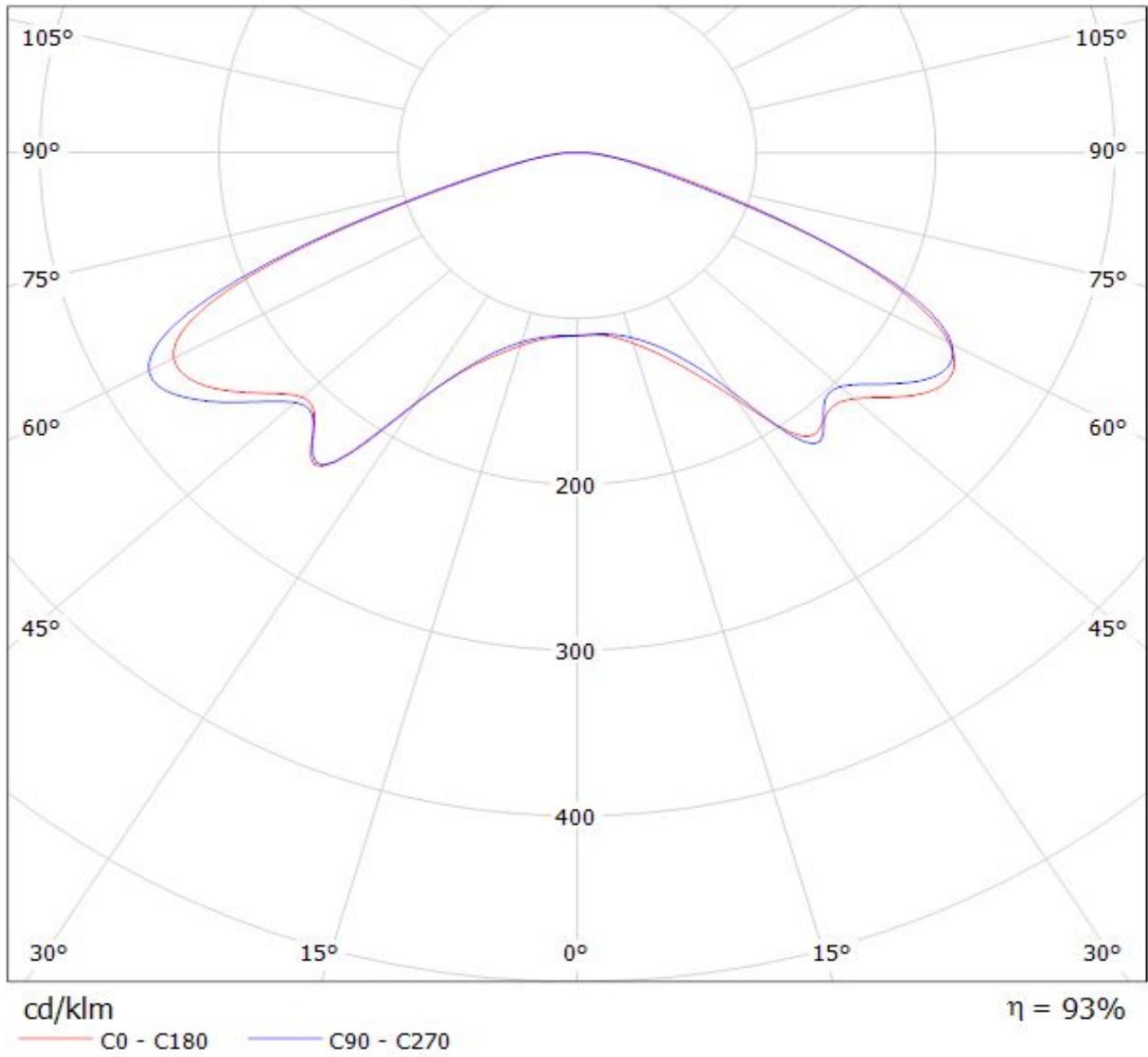
Lamps: 1 x Nichia NSCBA150 (4000, 11000) 200lm/glm/2m CCT:3000 P=30W 4000lm/2m



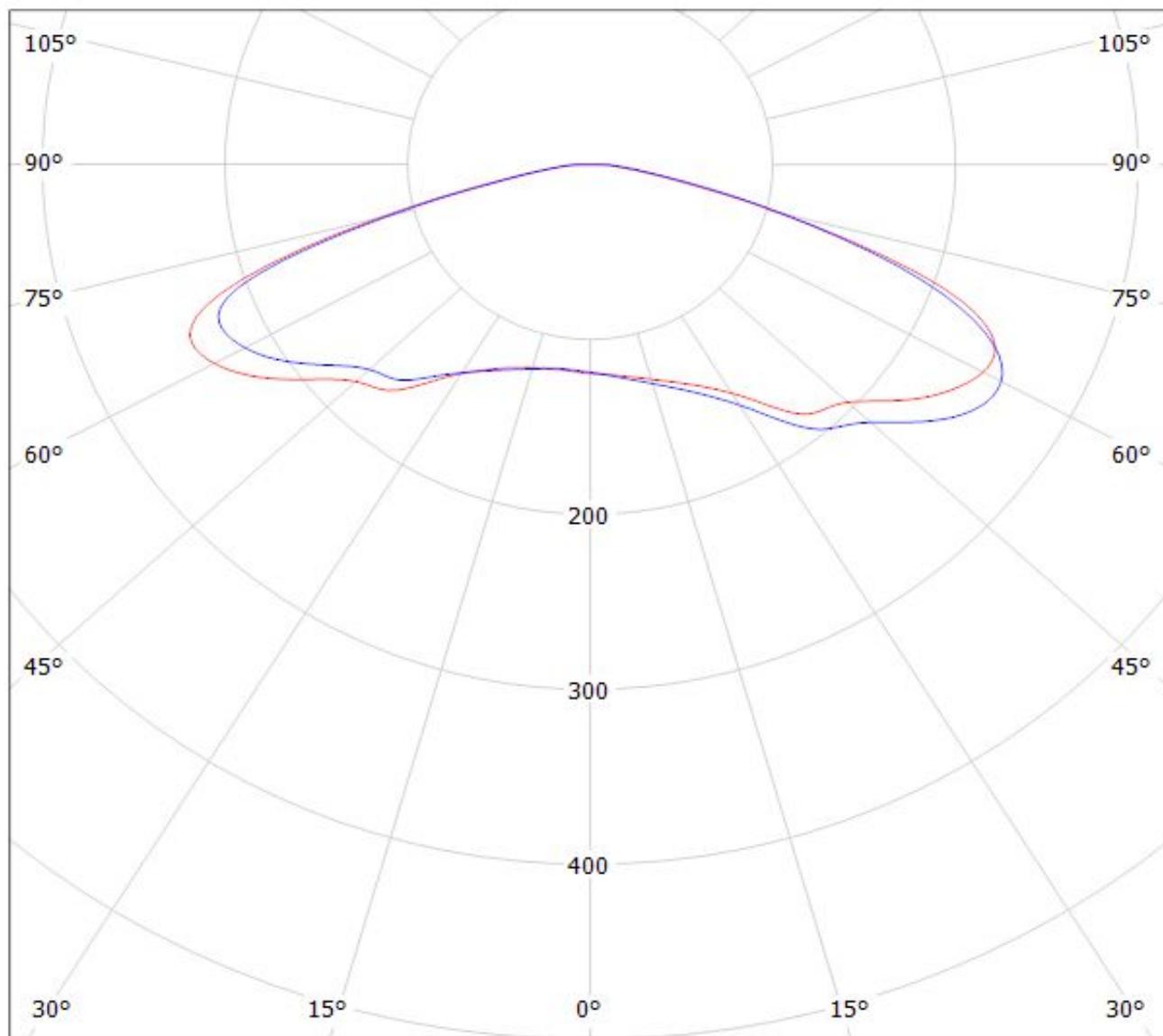
Luminaire: LEDil Oy C13226_DOROTHY-4-A_(XP-E2) Efficiency=94%
Lamps: 1 x XP-E2 (XPEBWT-L17B4-Q4-0-01) 336lm @ 250mA CCT=3200K P=2.9W I=250mA



Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(NCS19) Eff. 92,6%
Lamps: 1 x Nichia NCSxx19 (330@250mA)



Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(Luxeon_R) Eff. 92,9%
Lamps: 1 x Luxeon R (296@250mA)



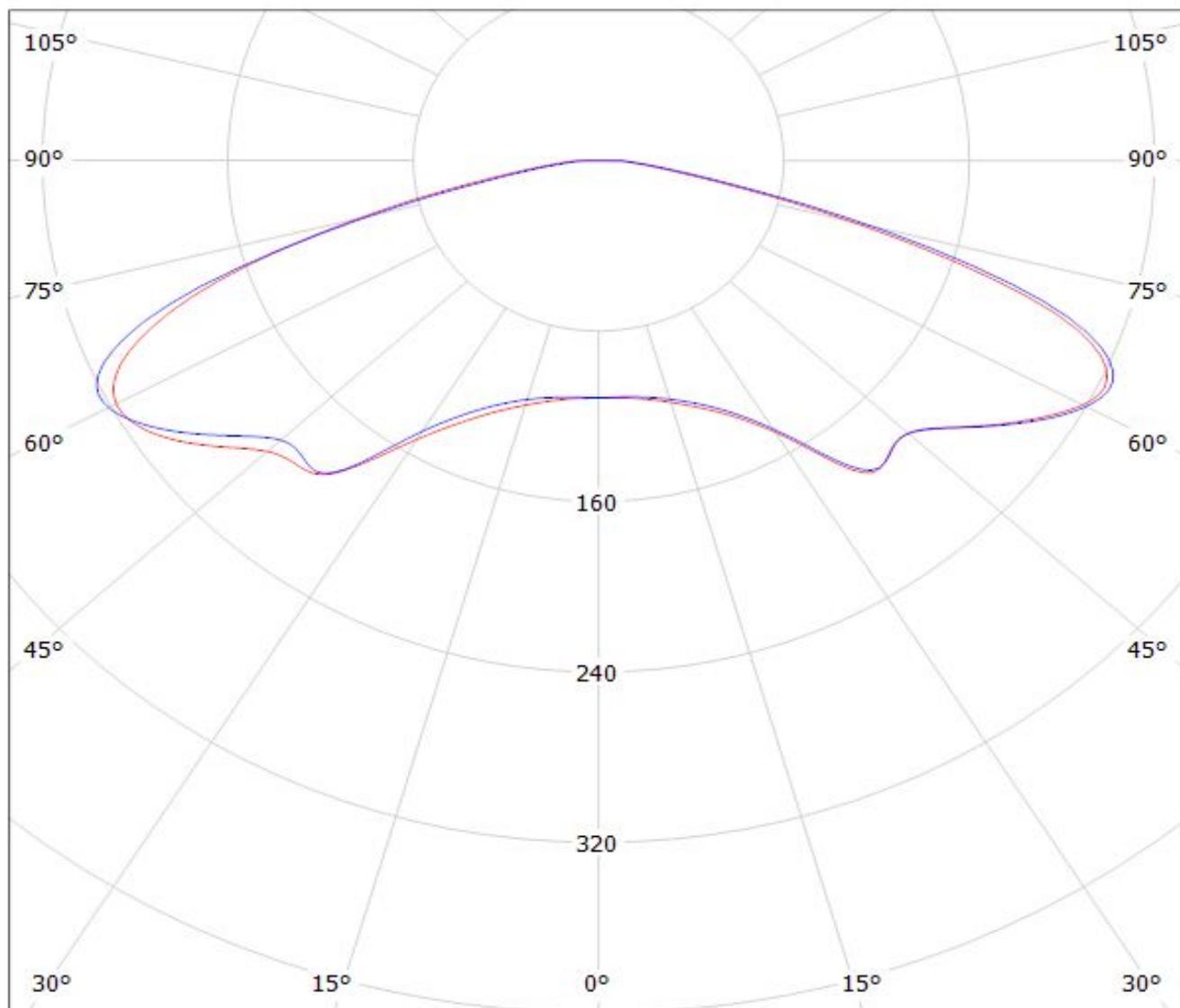
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(NVS19B) Eff. 93%
Lamps: 1 x Nichia NVSxx19B (301@250mA)



cd/klm

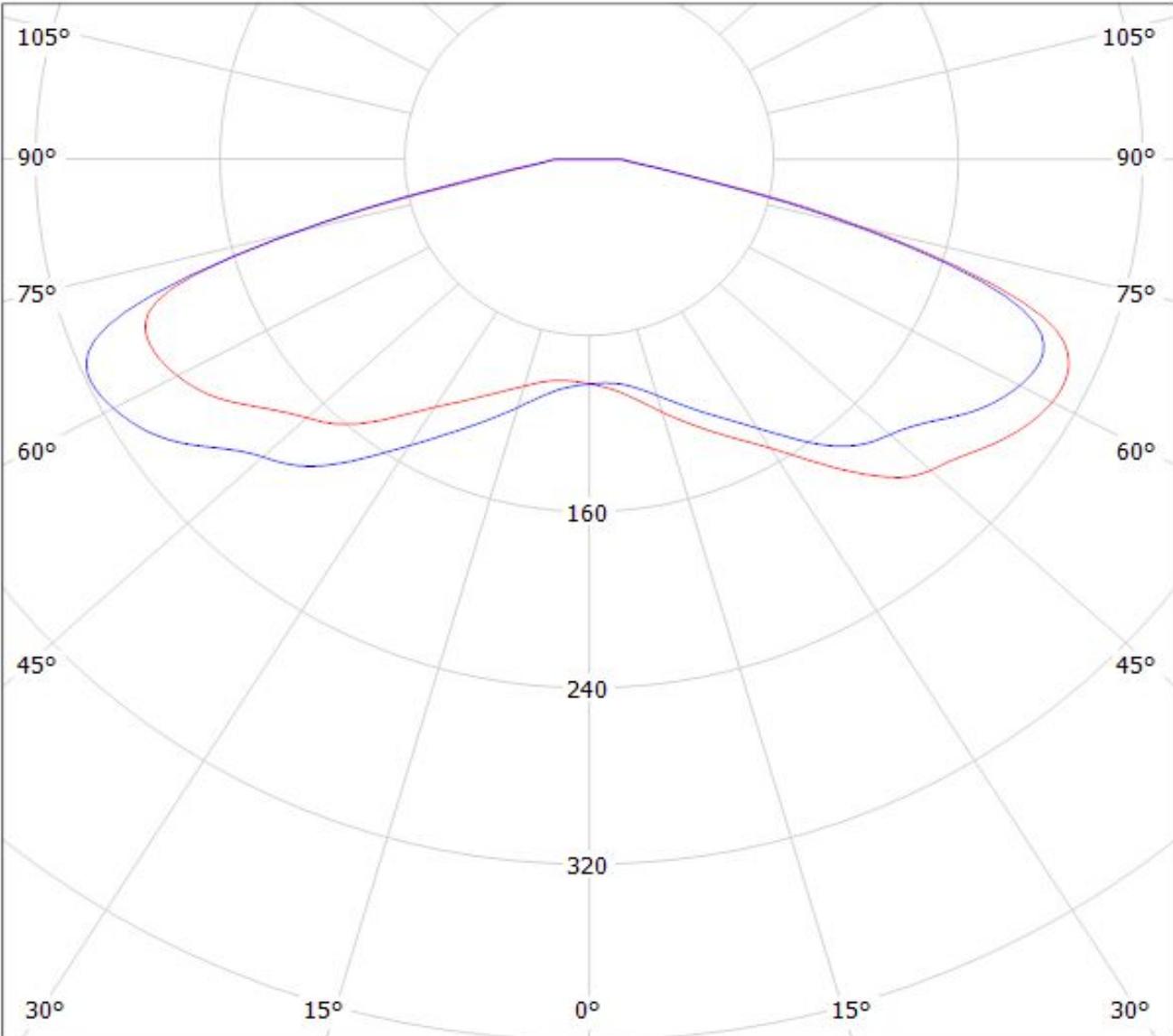
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(REBEL) Eff.91.5%

Lamps: 1 x Luxeon REBEL (250lm@250mA)

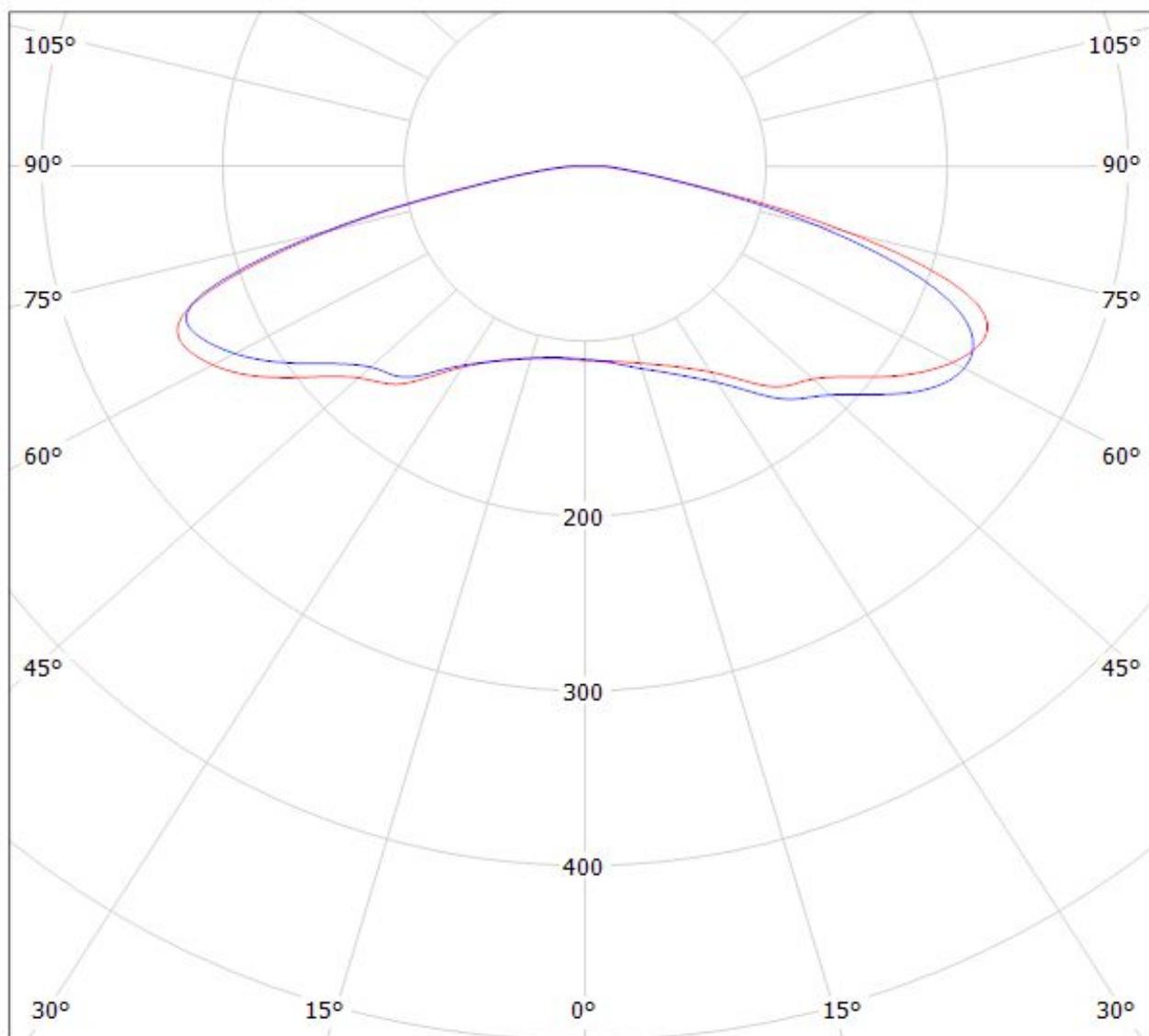


cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(XP-G) Eff. 93,3%
Lamps: 1 x Cree XP-G (254@250mA)

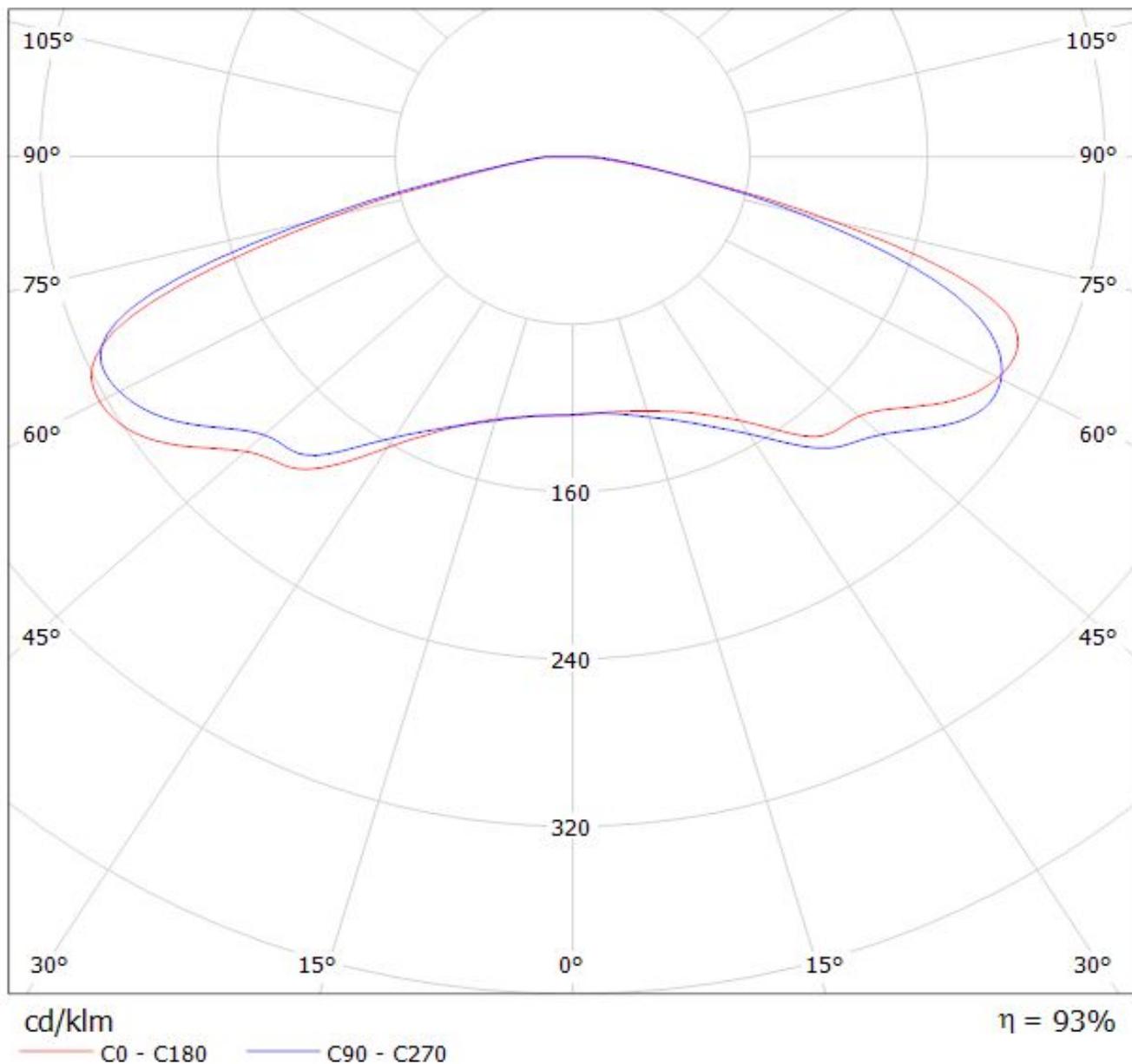


cd/klm

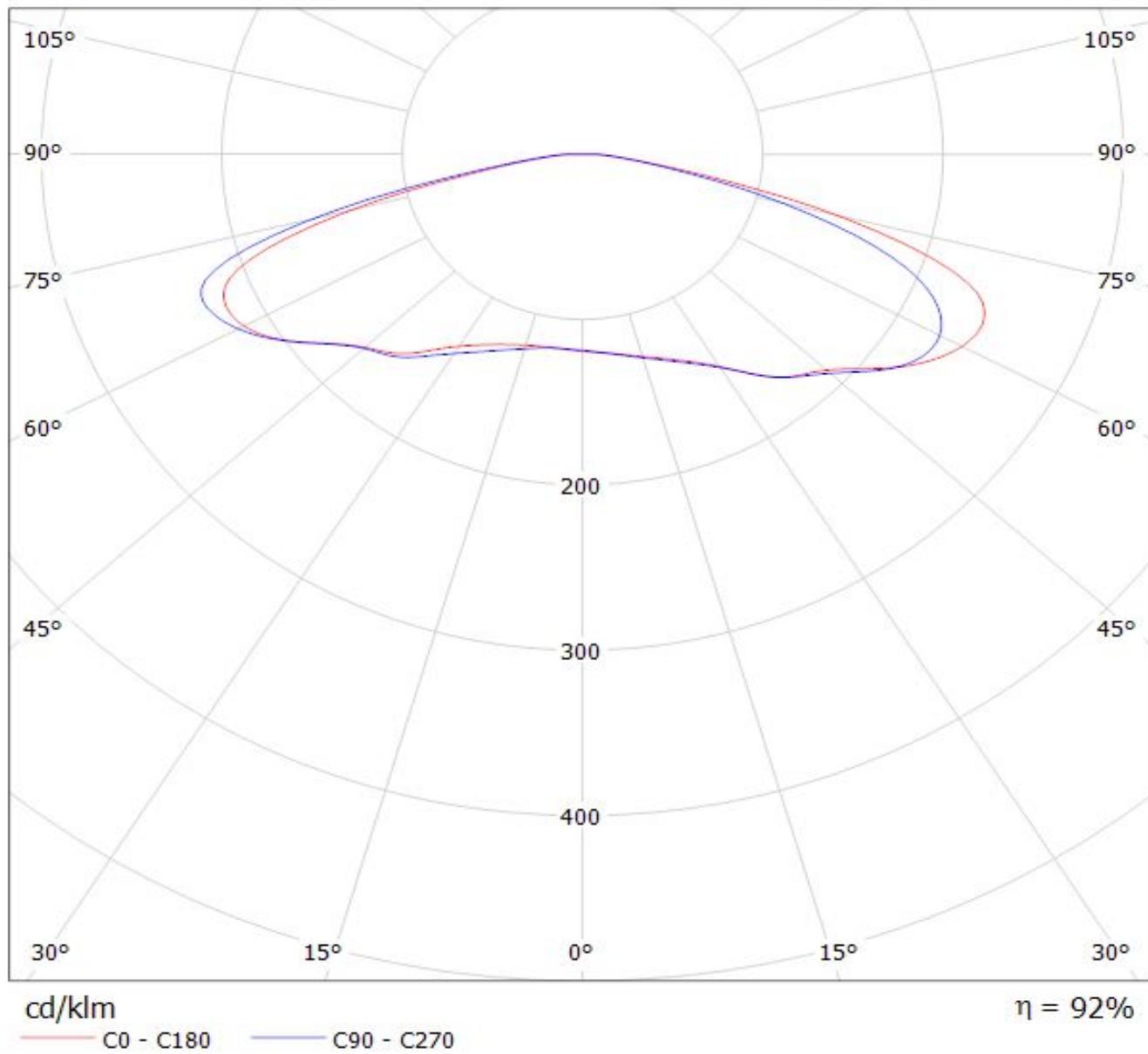
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(XT-E) Eff. 93,2%
Lamps: 1 x Cree XT-E (296lm@250mA)

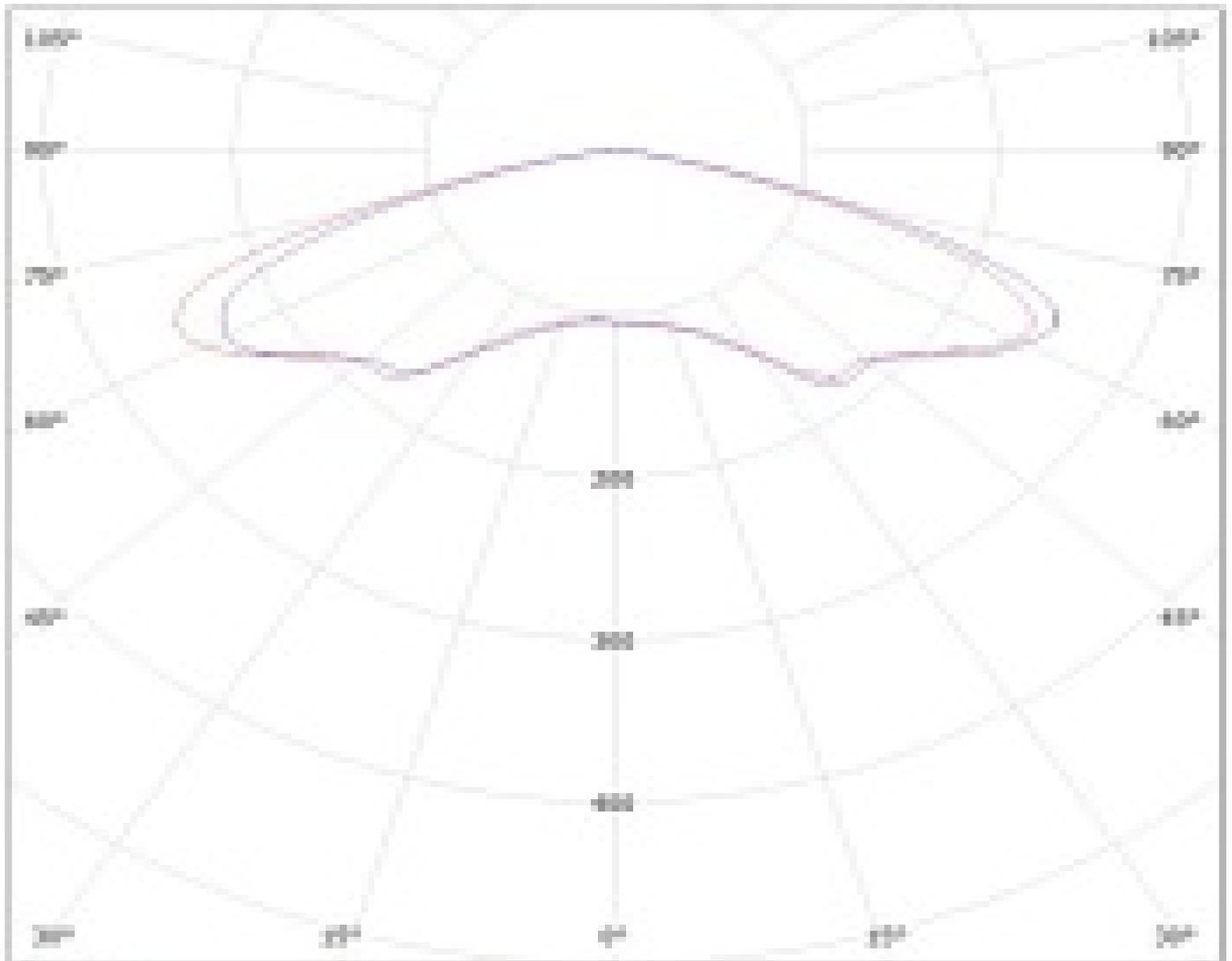


Luminaire: LEDiL Oy C13226_DOROTHY-4-A_(Luxeon_A) Eff. 92,5%
Lamps: 1 x Luxeon A (265@250mA)



Remitido: Lunes 05 de OCTUBRE del 2008 a las 15:12:56 por 107.160.10.10

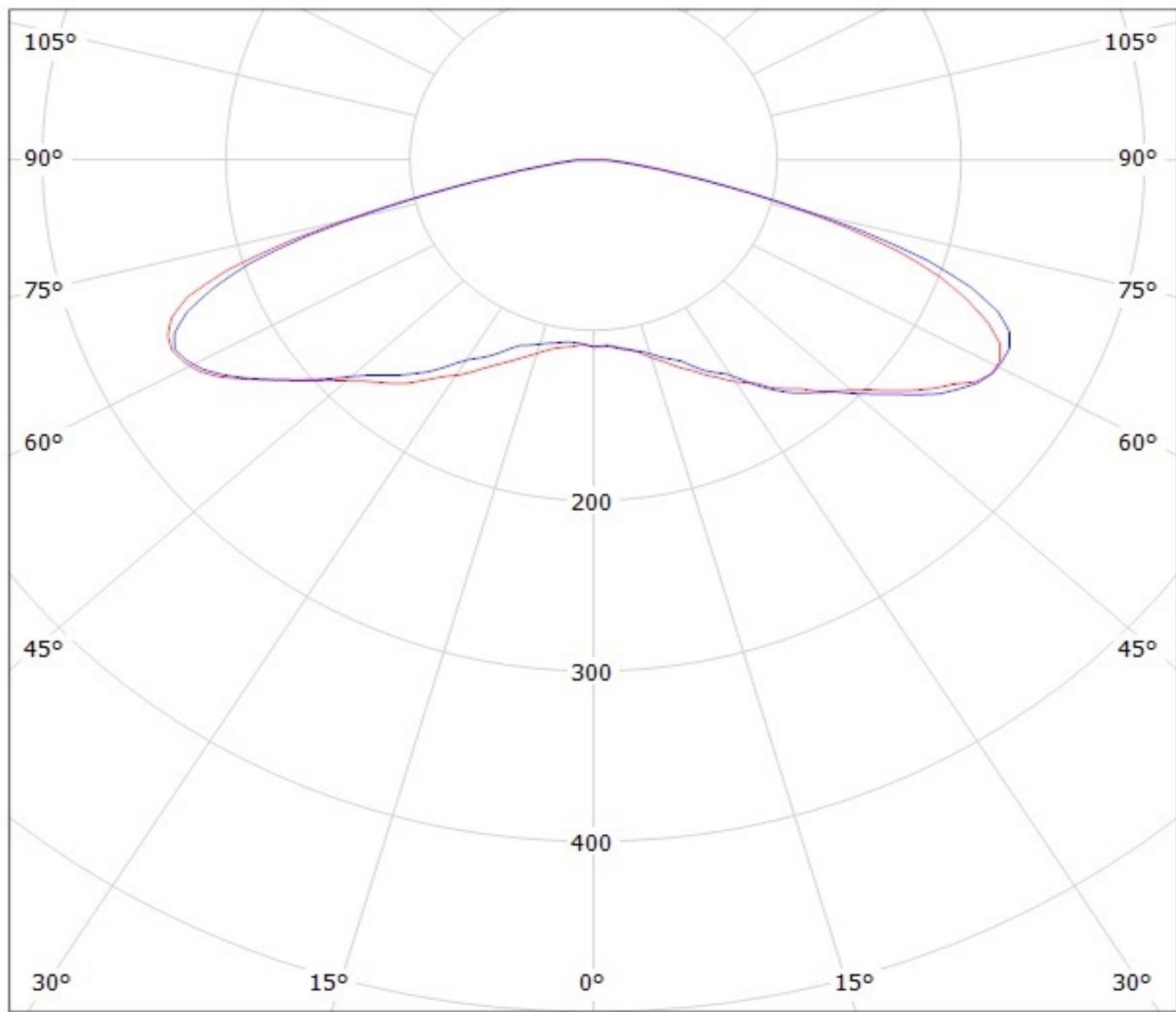
Campana: T. S. NUBES RECORRIDO (PACIL.TERRA) 28.08.2008.0004.007.0000.F.000000000000



colores

DB - CMB DB - CTR

Luminaire: LEDil Oy C13226_DOROTHY-4-A_(XP-E2) Efficiency=94%
Lamps: 1 x XP-E2 (XPEBWT-L17B4-Q4-0-01) 336lm @ 250mA CCT=3200K P=2.9W I=250mA



cd/klm

— C0 - C180

— C90 - C270

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.