

DETAILS

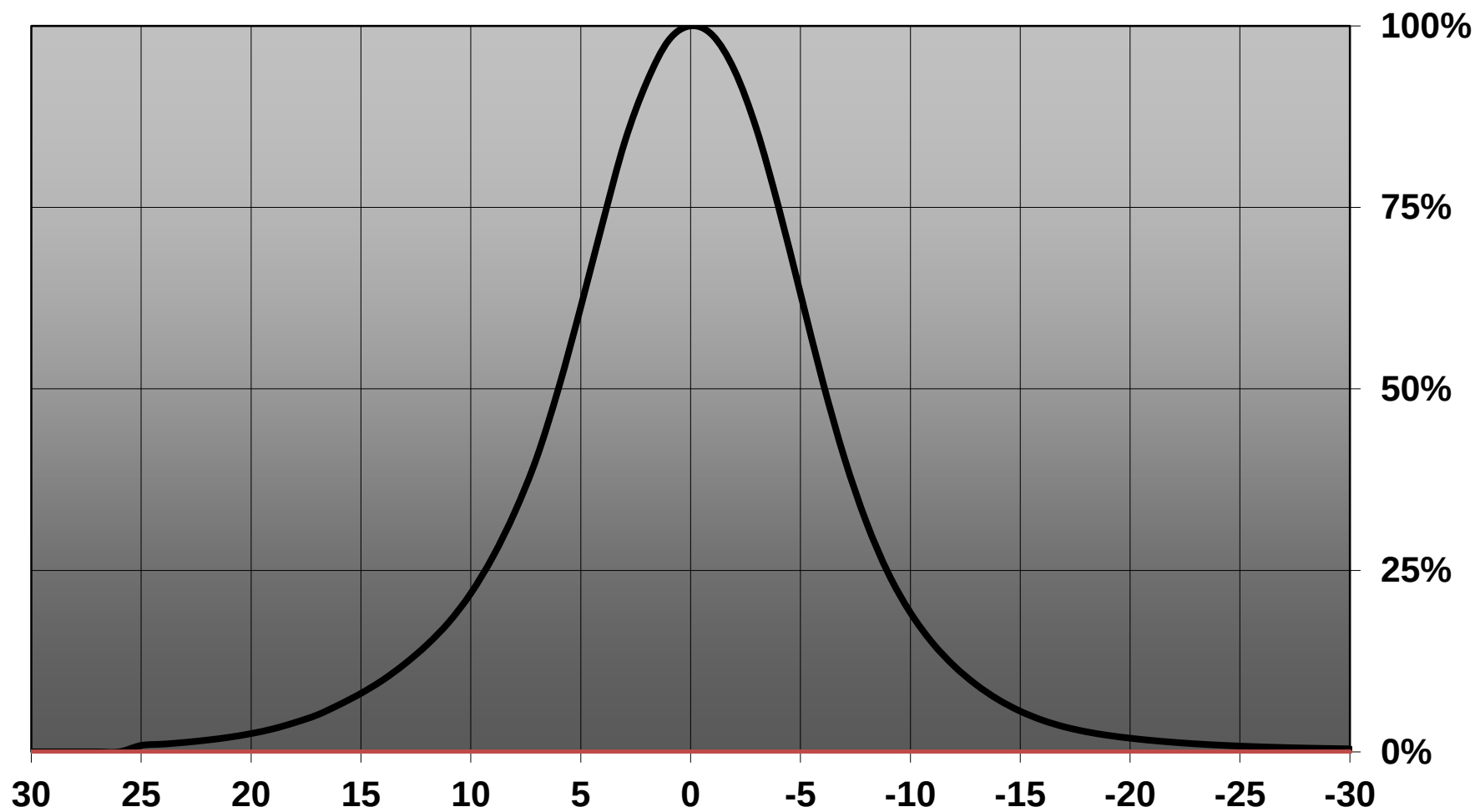
Product Number	CA12375_TINA2-D
Family	Tina
Type	Assembly
Color	black
Diameter	16 mm
Height	9,5 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, tape
Status	production ready
ROHS Compliant	Yes
Date Updated	11/06/2014



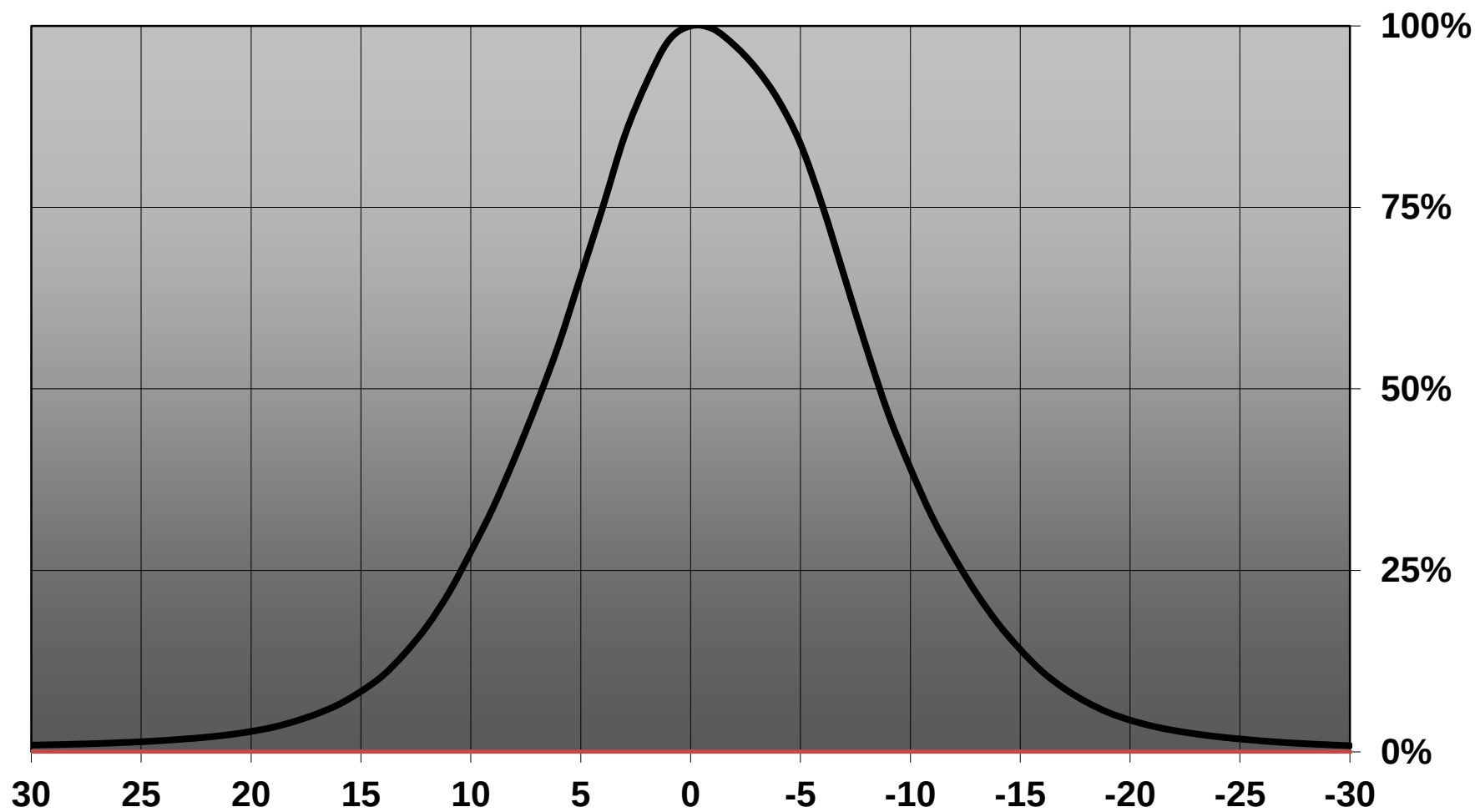
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XB-H	16 deg	Diffuser	86 %	7.700	-
LUXEON Z ES	12 deg	Diffuser	-	-	-
LUXEON TX	15 deg	Diffuser	88 %	8.250	-
NWSx229A	25 deg	Diffuser	85 %	3.400	-
NVSxx19B/NVSxx19C	18 deg	Diffuser	87 %	6.100	-
SFH 4715S	17 deg	Diffuser	-	-	-
Oslon SSL 80	12 deg	Diffuser	87 %	7.855	-
Oslon SSL 150	14 deg	Diffuser	89 %	9.300	-
Oslon Square PC	13 deg	Diffuser	87 %	6.300	-
Oslon Square EC	16 deg	Diffuser	87 %	6.200	-
SFH 4725S	15 deg	Diffuser	-	-	-
Duris S5 (2 chip)	sim: 17	Diffuser	sim: 92 %	sim: 8.030	-
Oslon Square EC	16 deg	Diffuser	82 %	7.940	-

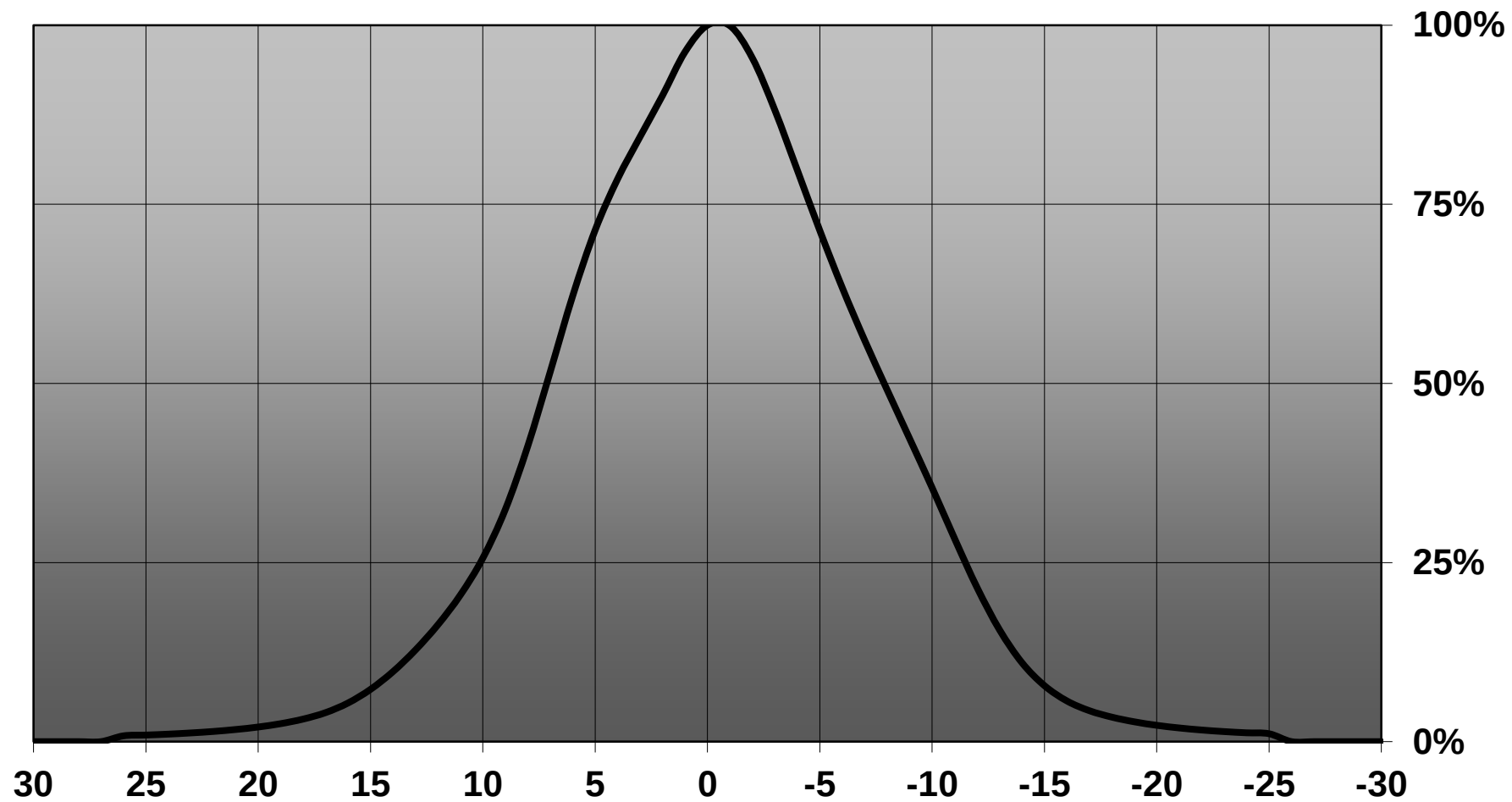
Relative intensity of CA12375_TINA2-D_(Luxeon Z ES)



Relative intensity of CA12375_TINA2-D-SFH4715S



Relative intensity of CA12375_TINA2-D_(SFH4725S)



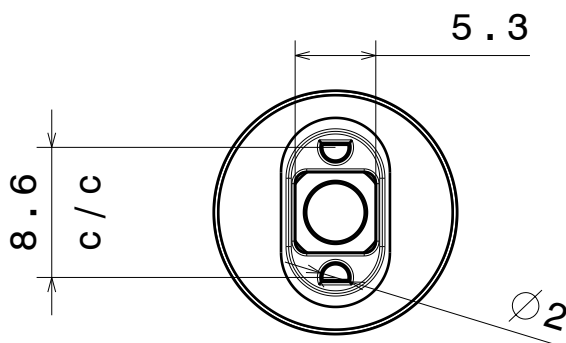
D

C

B

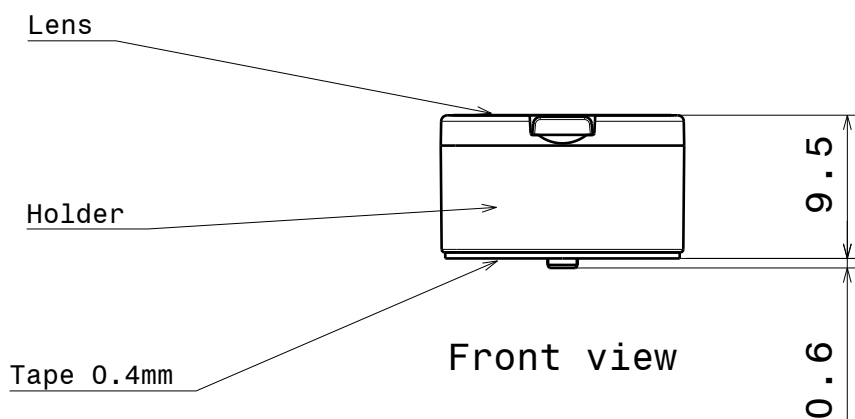
A

4



Bottom view

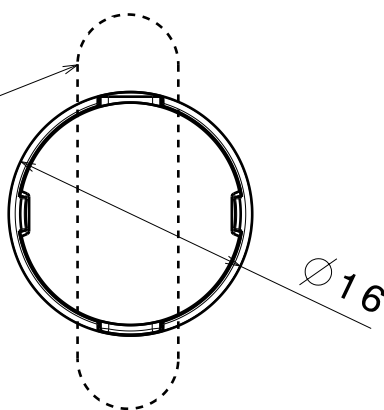
3



Front view

2

Oval beam direction
(0-90 is turned 90 degree)



Top view

MATERIALS
Lens: PMMA
Holder: PC
Tape: PU Foam

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.

LEDIL

Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

DRAWING TITLE

DRAWN BY

ah

DATE

28.12.2011

Datasheet Tina2-OSL

CHECKED BY

sn

DATE

28.12.2011

SIZE

A4

DRAWING NUMBER

REV

1

DESIGNED BY

ol

DATE

xx

SCALE

3:1

WEIGHT (g)

-

SHEET

1/1

D

A

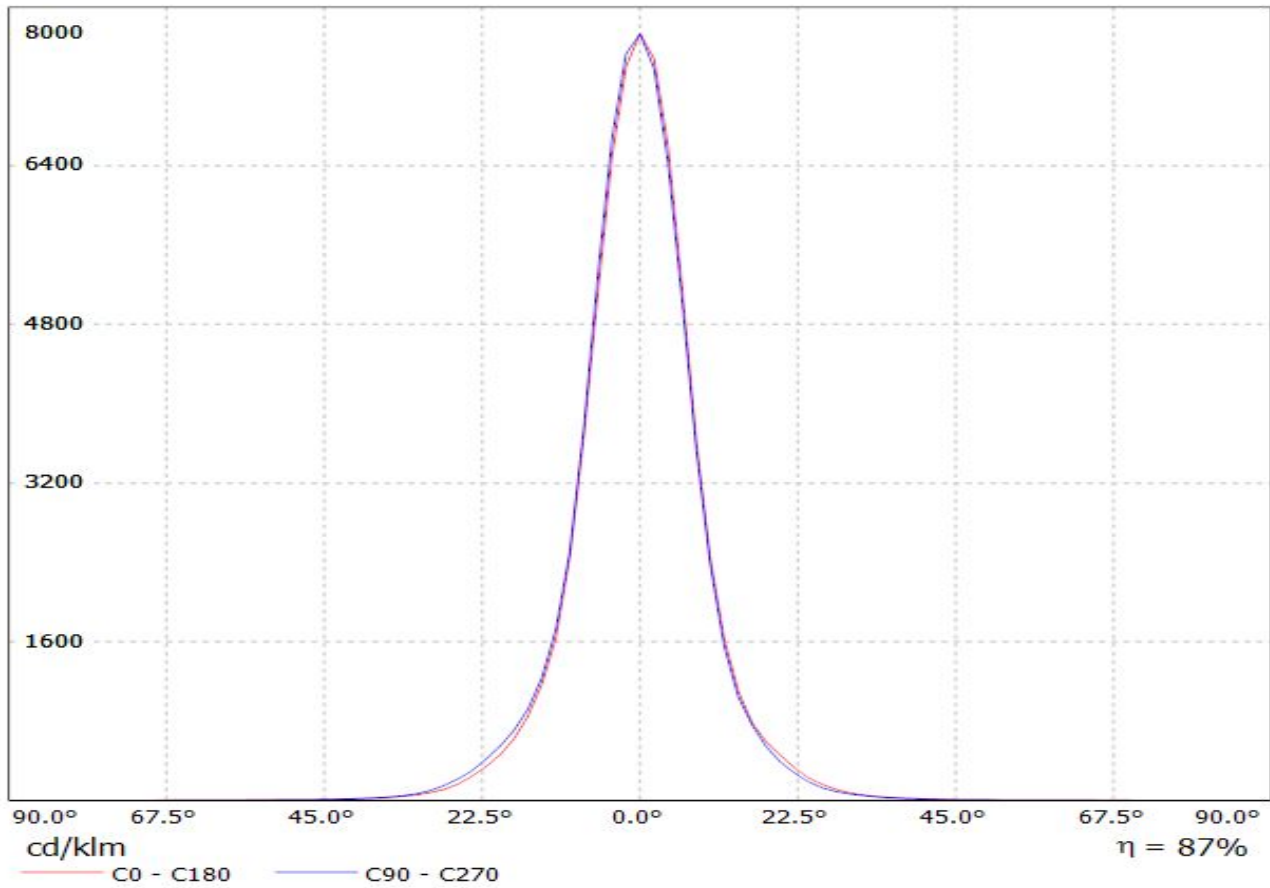
4

3

2

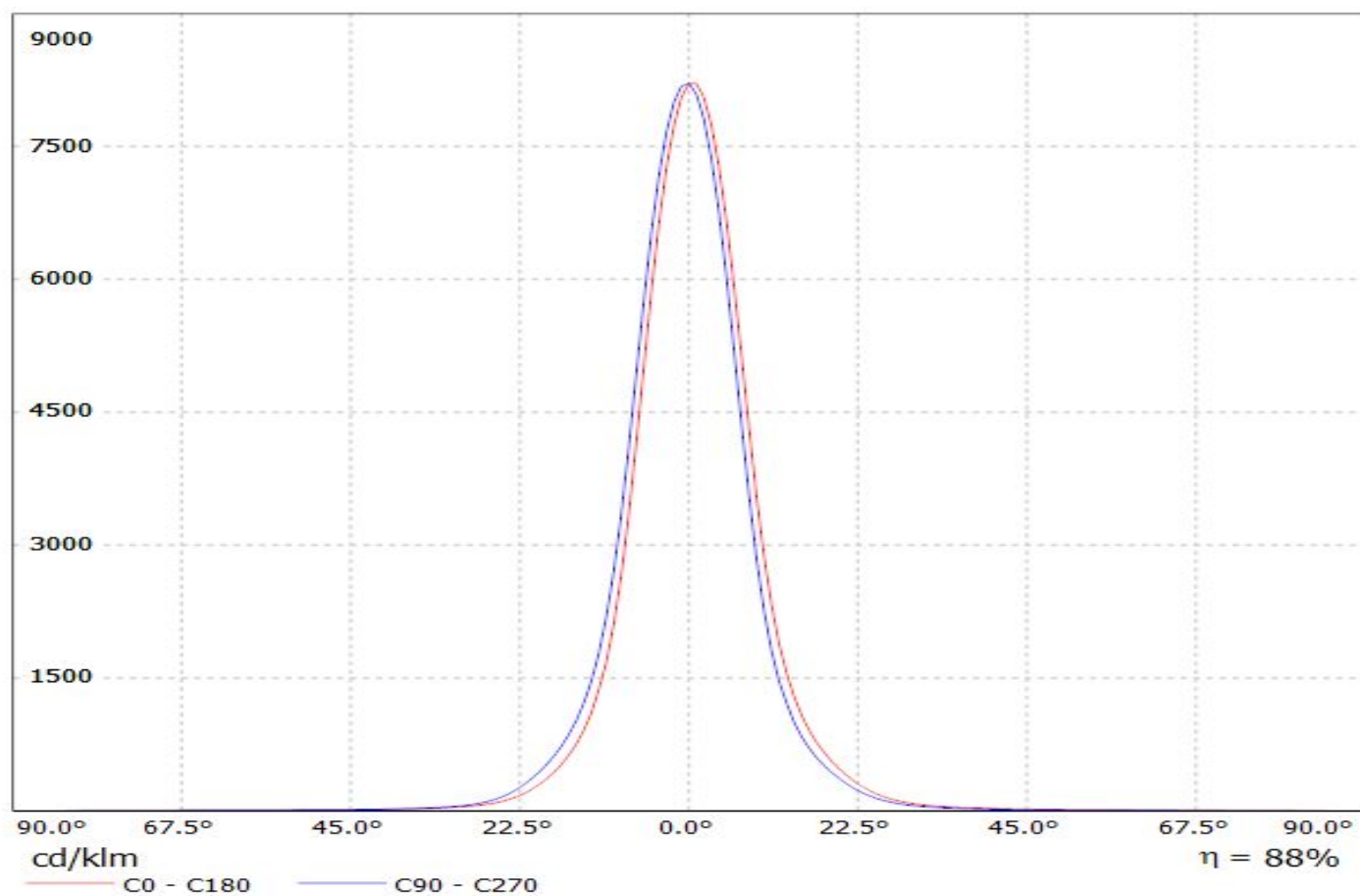
1

Luminaire: Ledil Oy CA12375_TINA2-D_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA

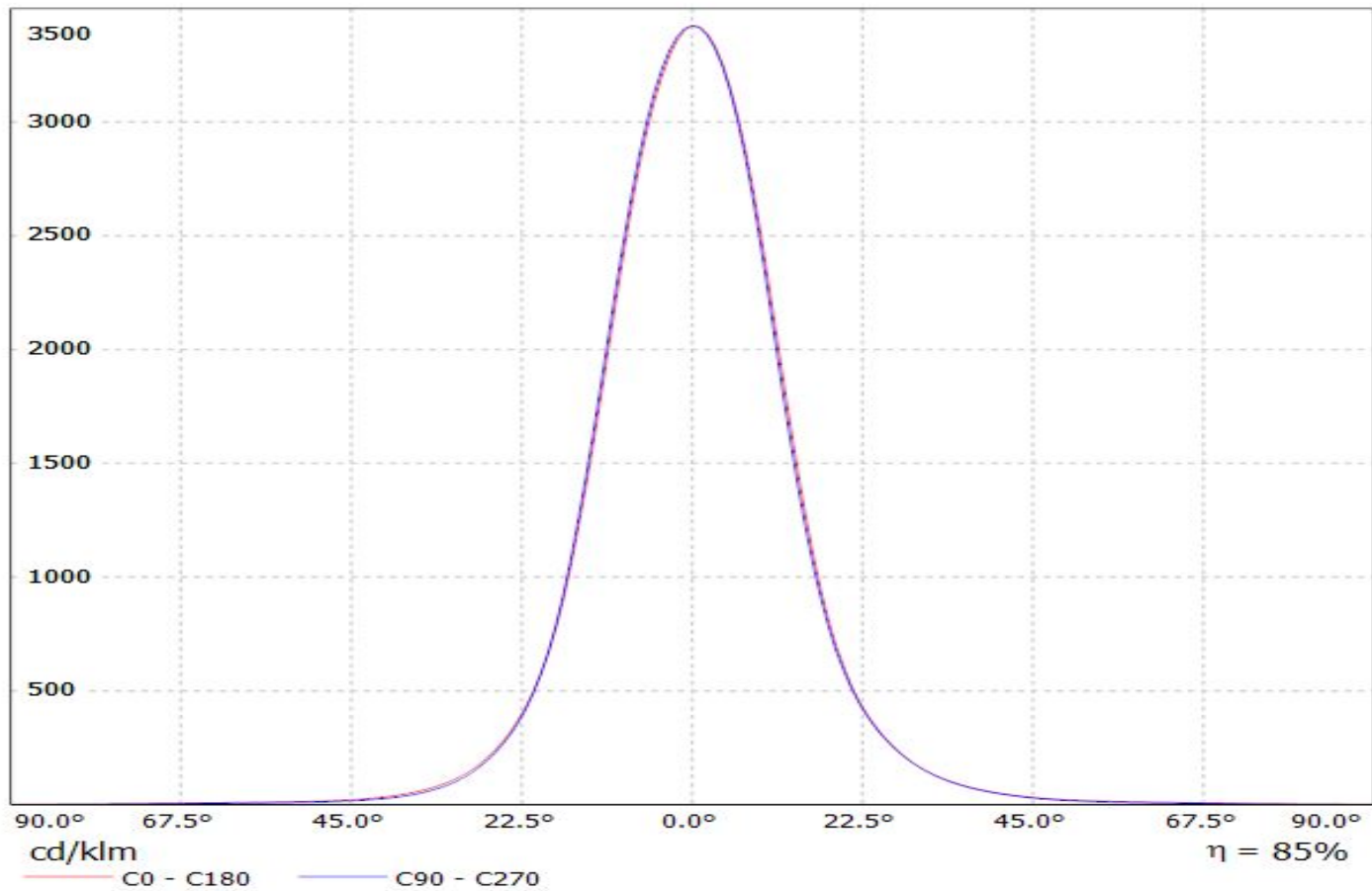


Luminaire: LEDiL Oy CA12375_TINA2-D_(TX)

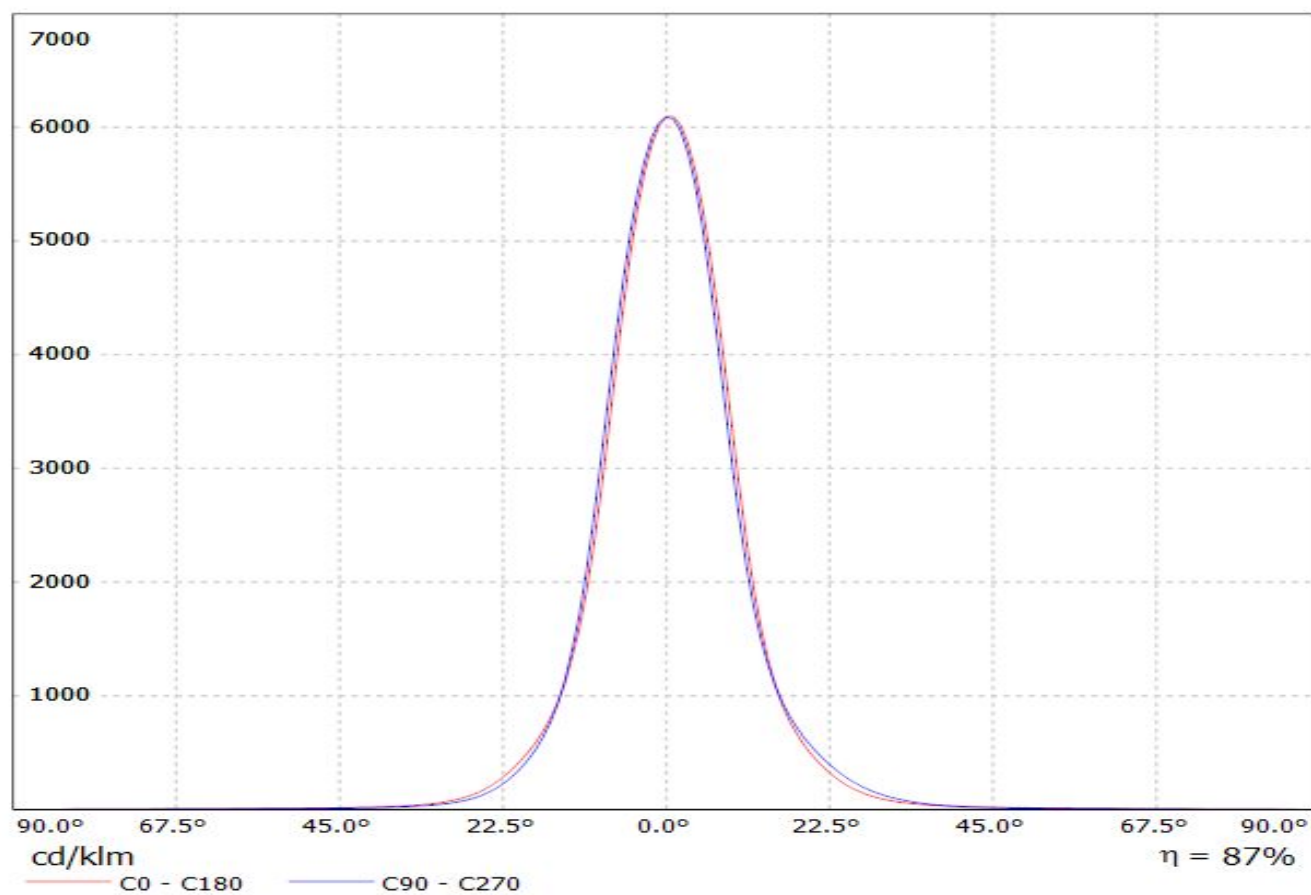
Lamps: 1 x Luxeon_TX_(L1T2-5770)_109.051lm@250mA_P=0.732157W_I=0.2499A



Luminaire: LEDiL Oy CA12375_TINA2-D_(NWSL229AE)
Lamps: 1 x Nichia_NWSL229AE_120.54lm@250mA_P=0.7128W_I=0.250A

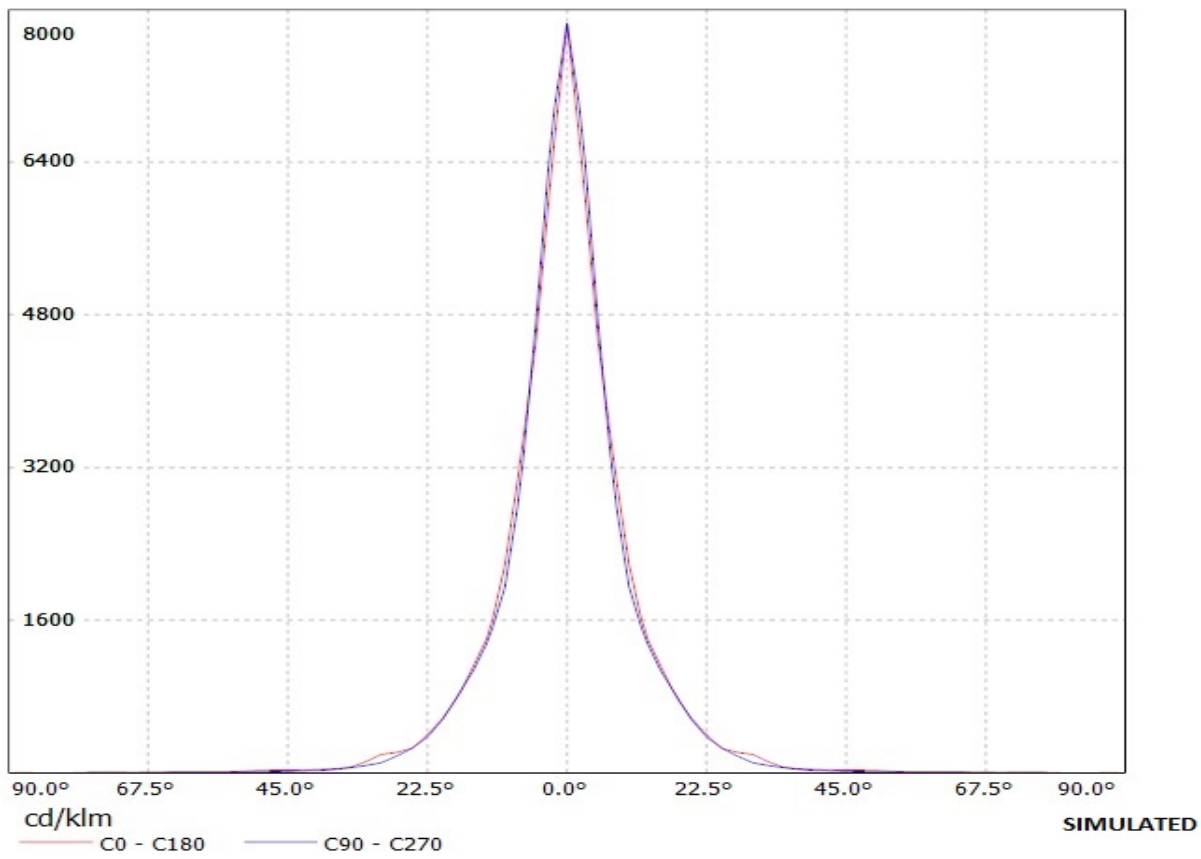


Luminaire: LEDiL Oy CA12375_TINA2-D_(NVSL219CE)
Lamps: 1 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



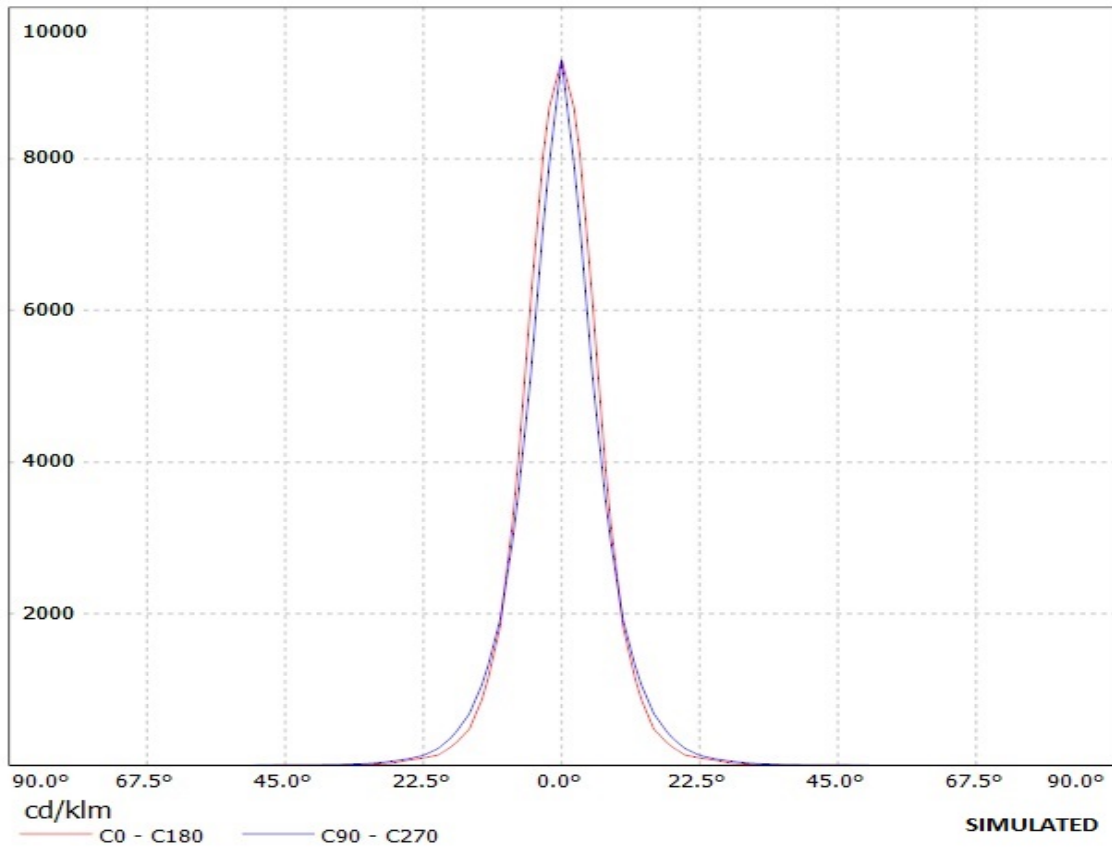
Ledil Oy CA12375_Tina2-D-OSL80 LOR=89% / LDC (Linear)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL80 LOR=89%
Lamps: 1 x Osram OSL80 250mA 87lm

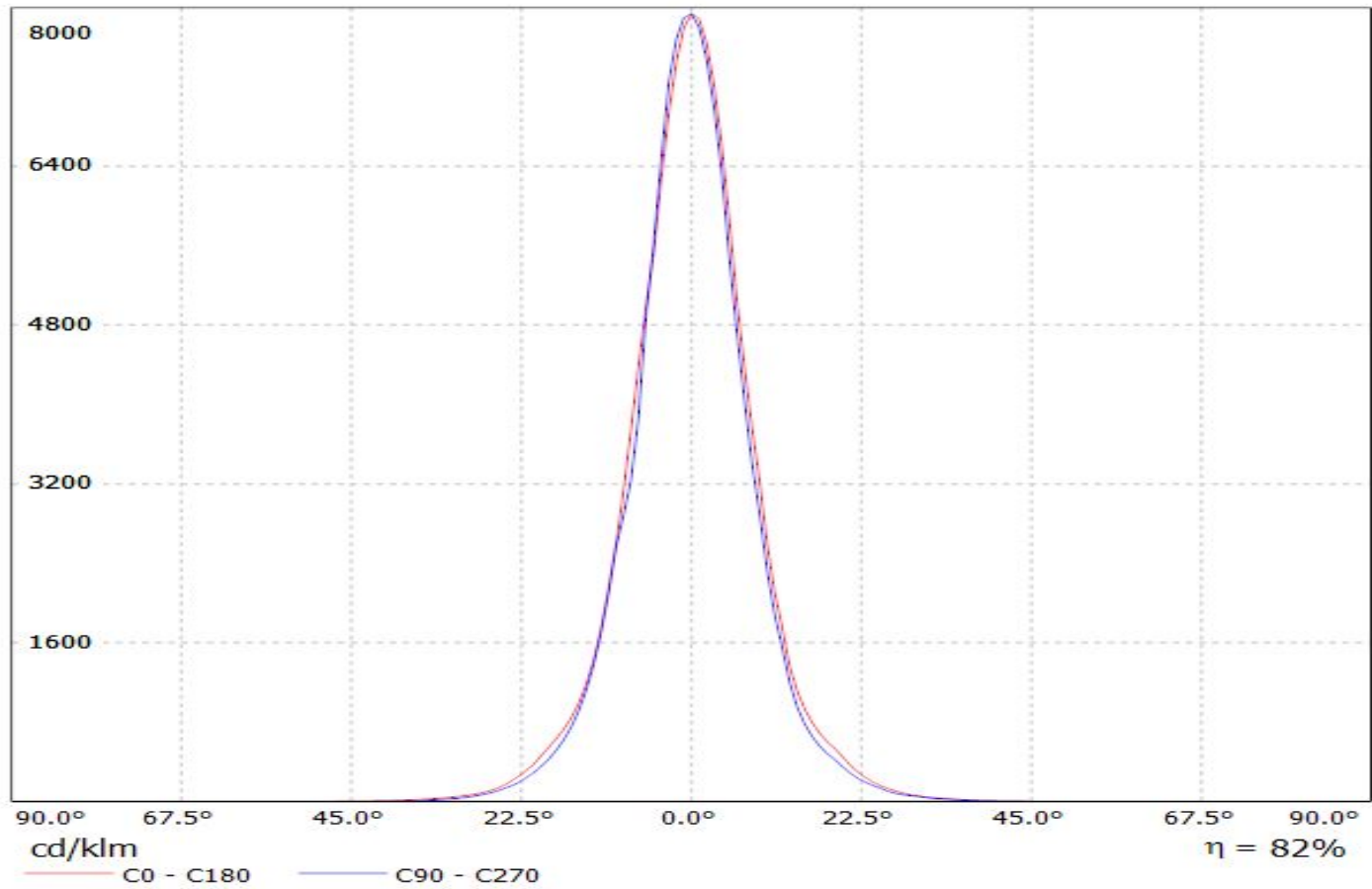


Ledil Oy CA12375_Tina2-D-OSL150 LOR=89% / LDC (Linear)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL150 LOR=89%
Lamps: 1 x Osram OSL150 250mA 110lm

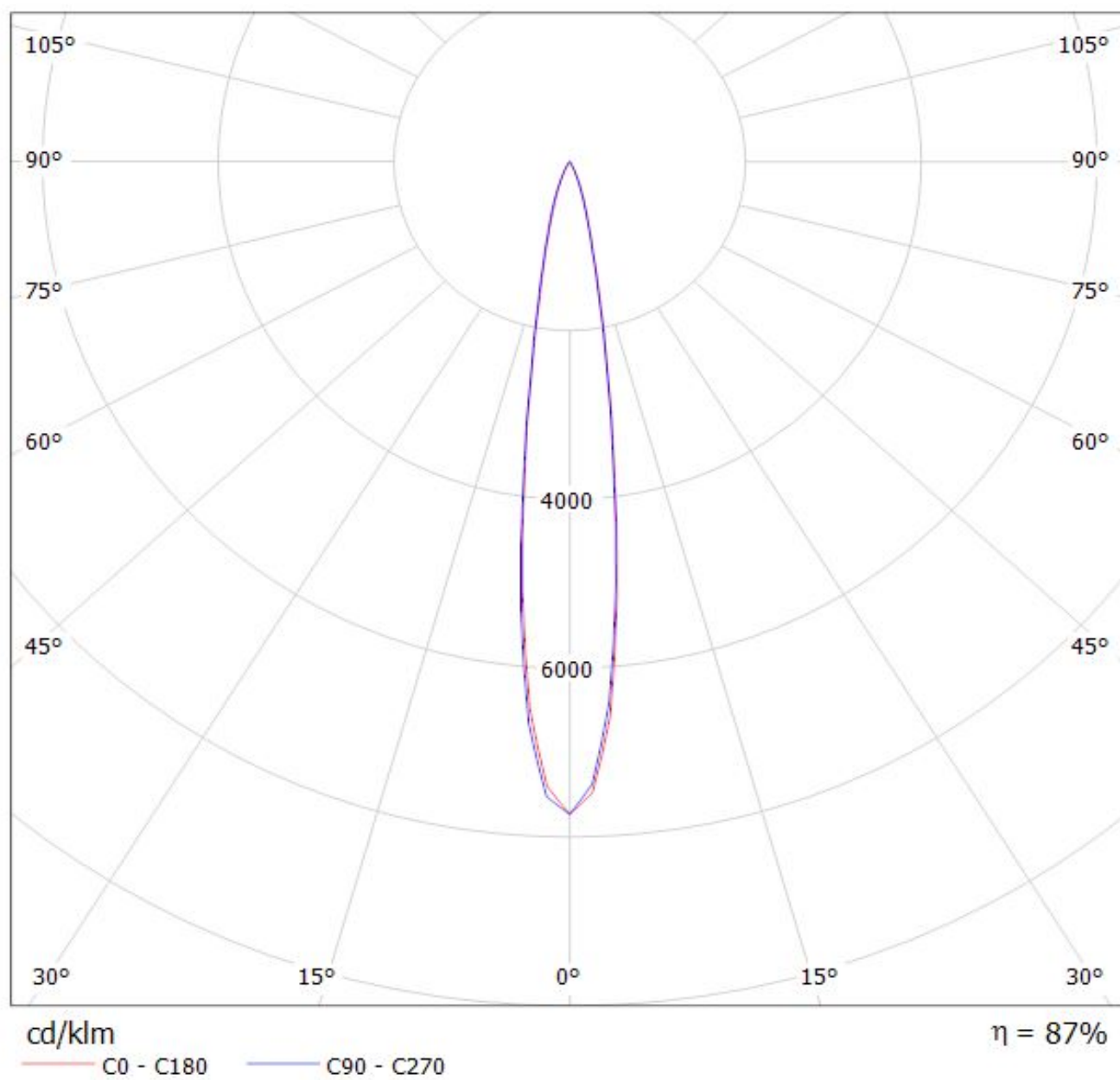


Luminaire: Ledil Oy
Lamps: 1 x CA12375_TINA2-D_(Square_EC)



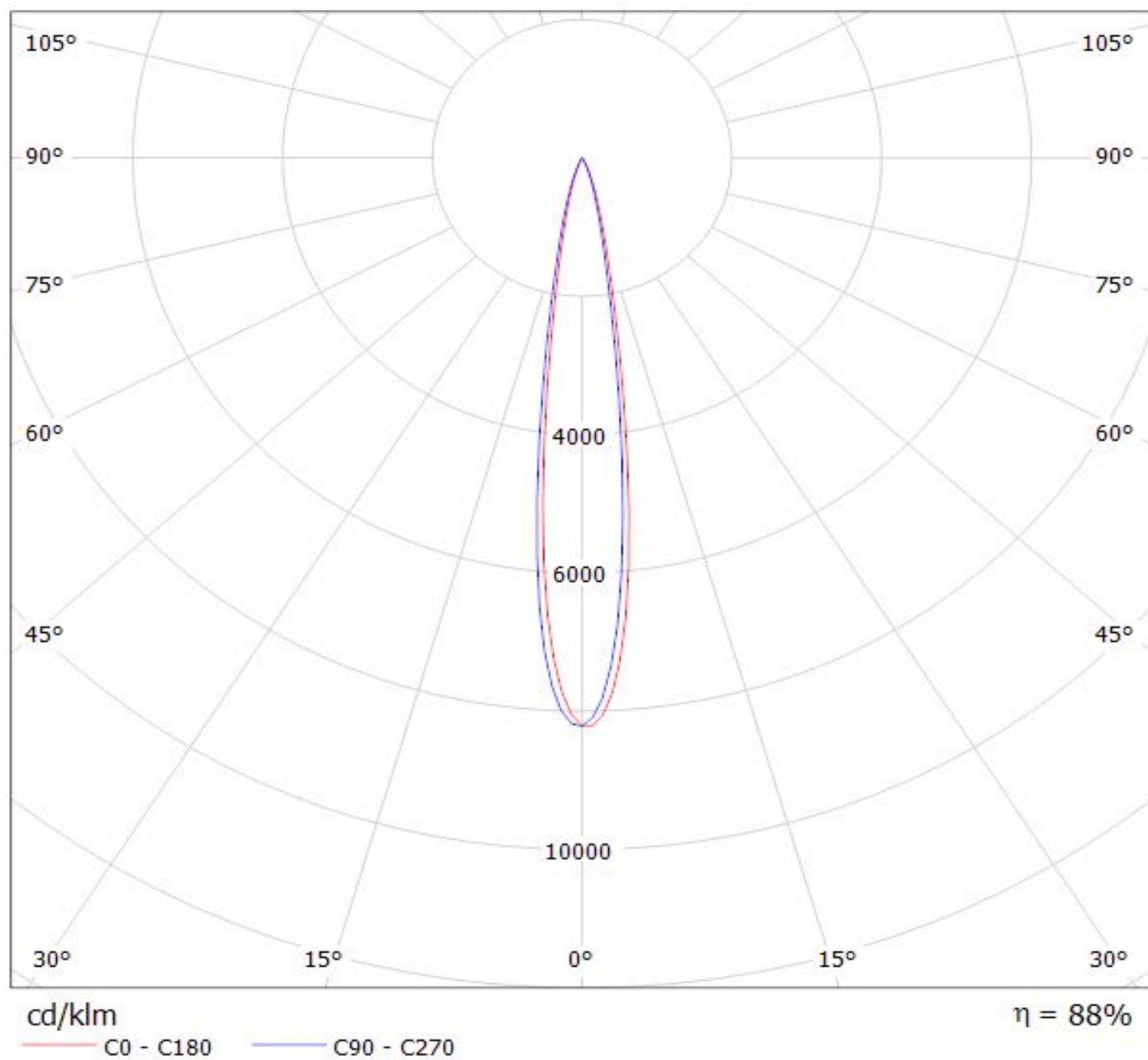
Luminaire: Ledil Oy CA12375_TINA2-D_(XB-H)

Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA

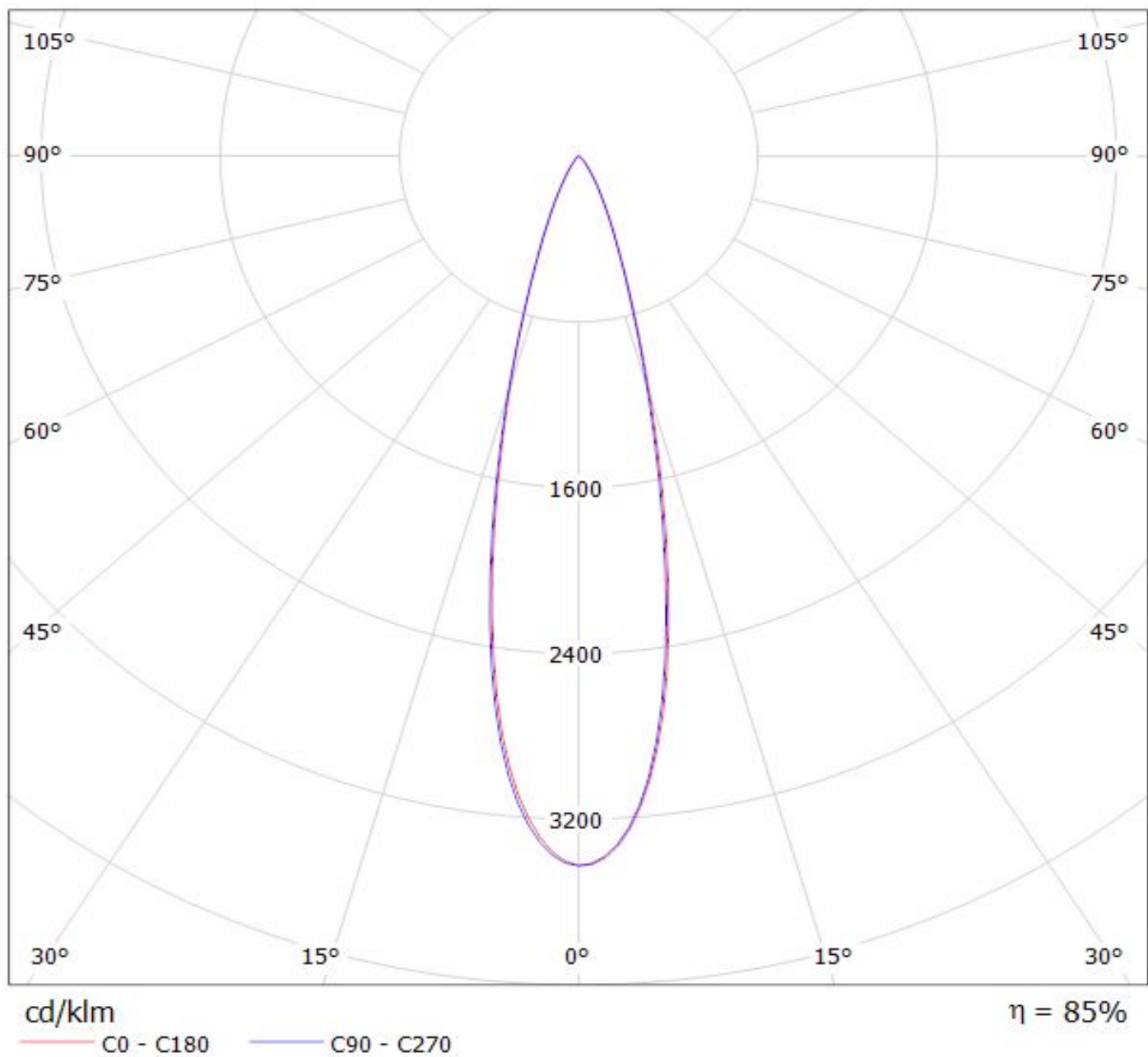


Luminaire: LEDiL Oy CA12375_TINA2-D_(TX)

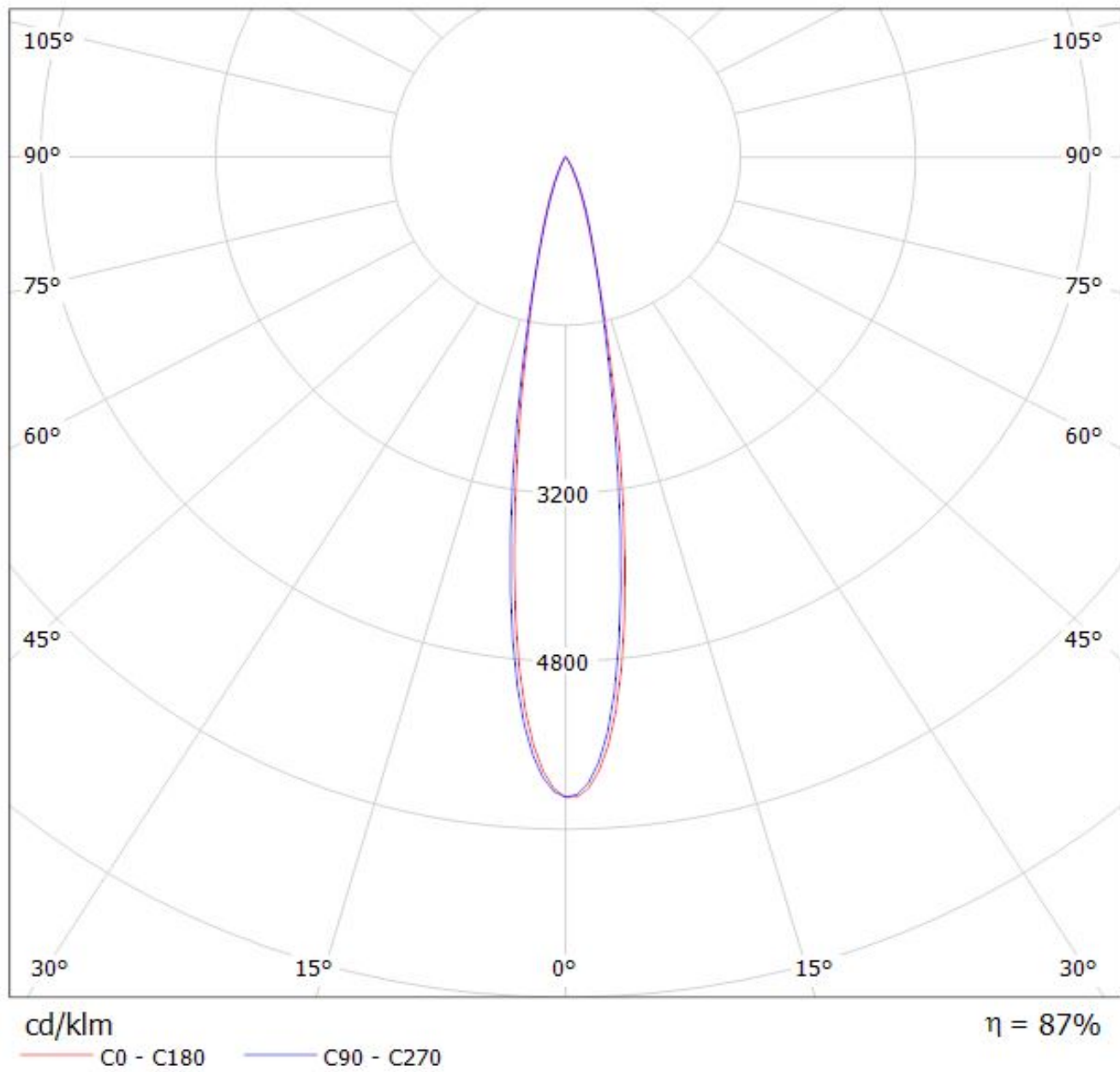
Lamps: 1 x Luxeon_TX_(L1T2-5770)_109.051lm@250mA_P=0.732157W_I=0.2499A



Luminaire: LEDiL Oy CA12375_TINA2-D_(NWSL229AE)
Lamps: 1 x Nichia_NWSL229AE_120.54lm@250mA_P=0.7128W_I=0.250A



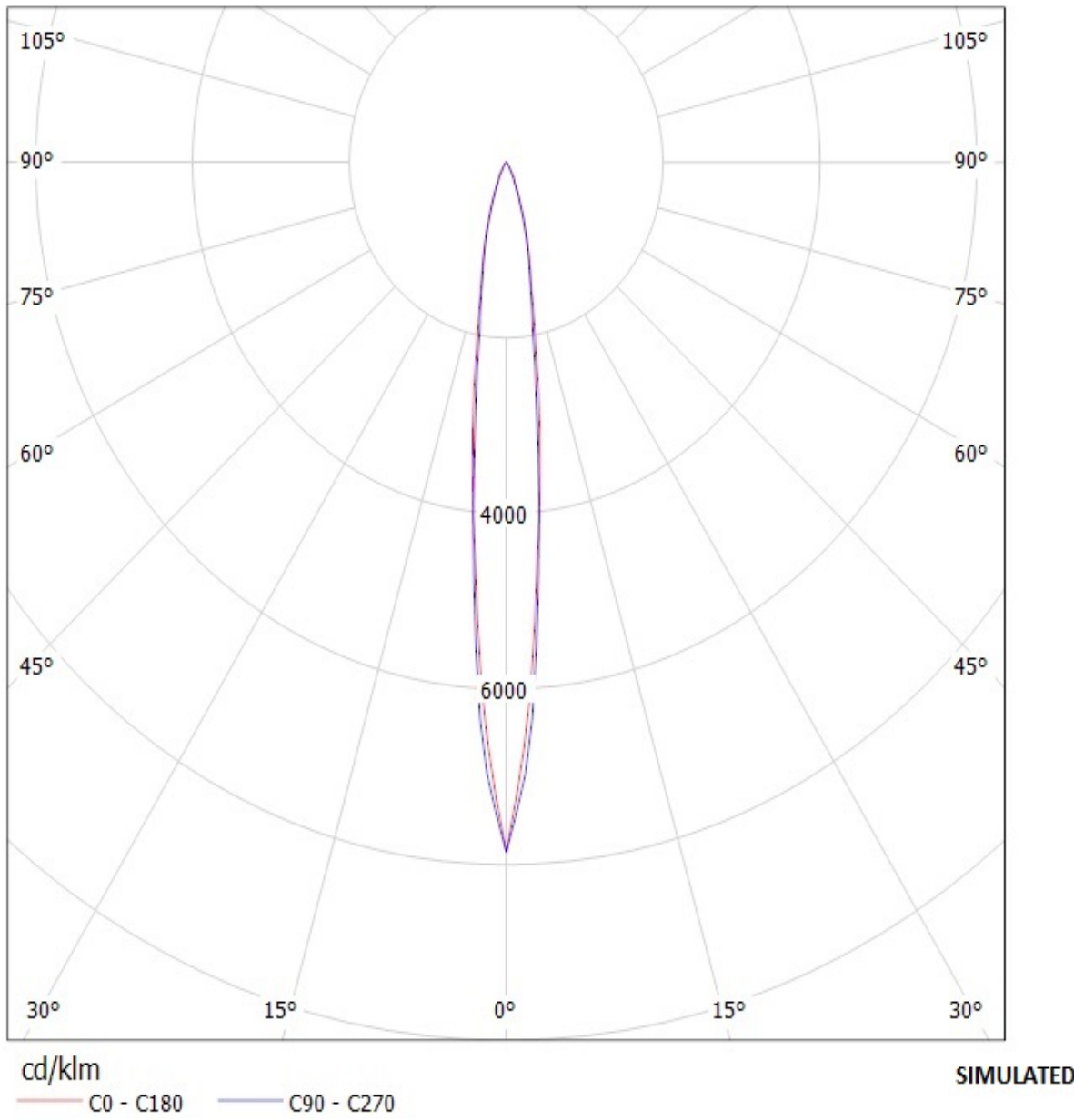
Luminaire: LEDiL Oy CA12375_TINA2-D_(NVSL219CE)
Lamps: 1 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



Ledil Oy CA12375_Tina2-D-OSL80 LOR=89% / LDC (Polar)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL80 LOR=89%

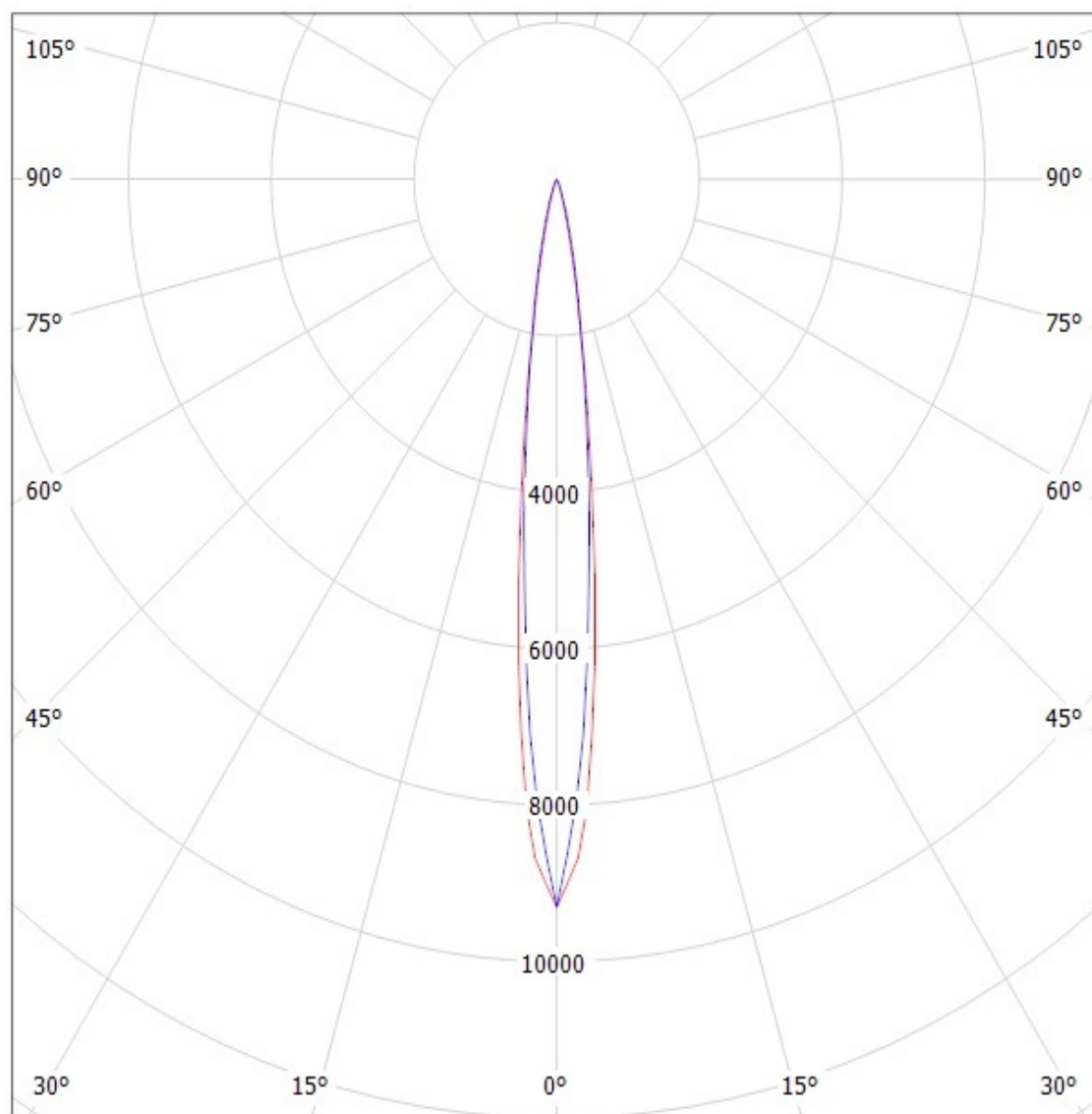
Lamps: 1 x Osram OSL80 250mA 87lm



Ledil Oy CA12375_Tina2-D-OSL150 LOR=89% / LDC (Polar)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL150 LOR=89%

Lamps: 1 x Osram OSL150 250mA 110lm



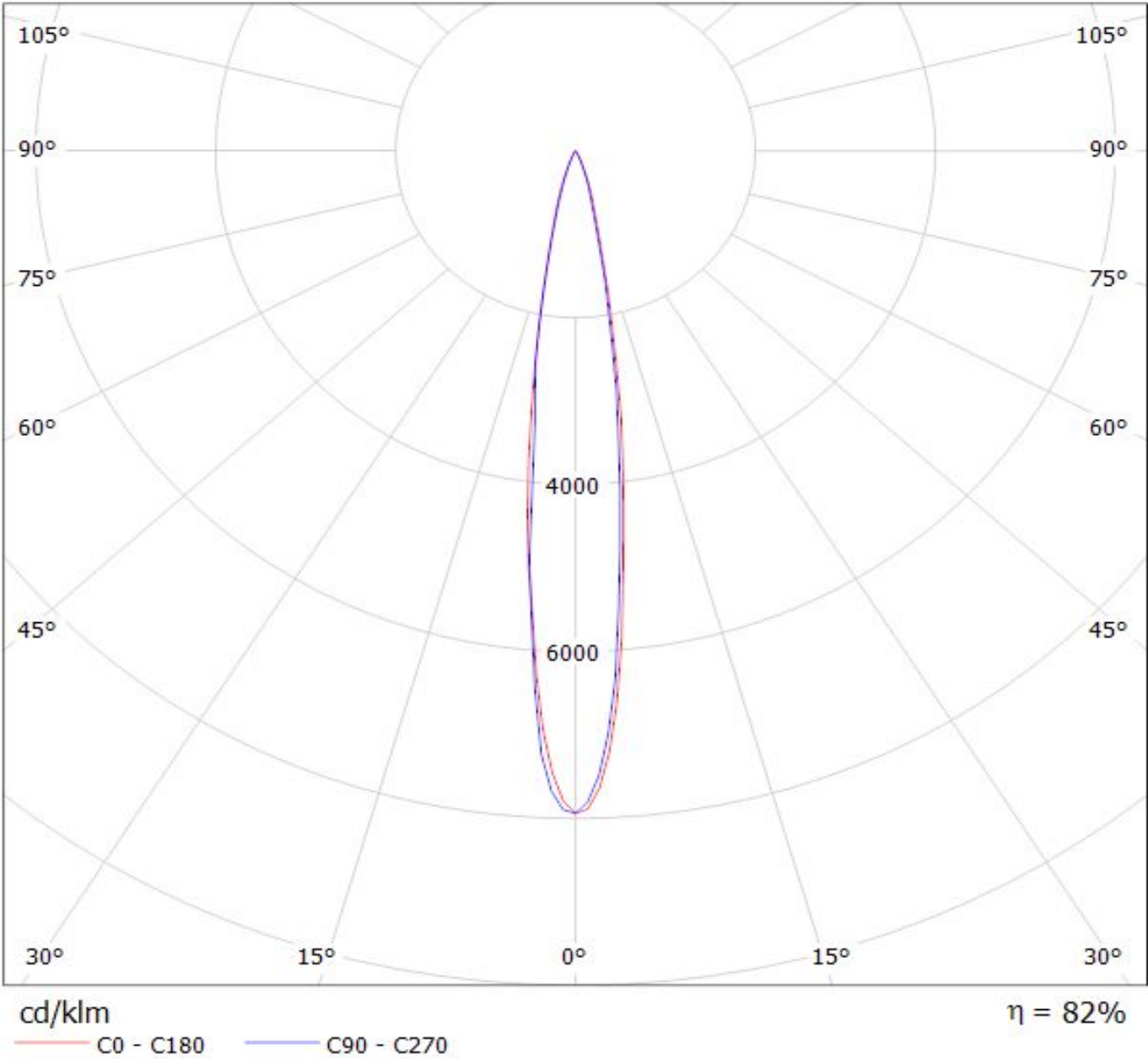
cd/klm

— C0 - C180

— C90 - C270

SIMULATED

Luminaire: Ledil Oy
Lamps: 1 x CA12375_TINA2-D_(Square_EC)



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.