

## DETAILS

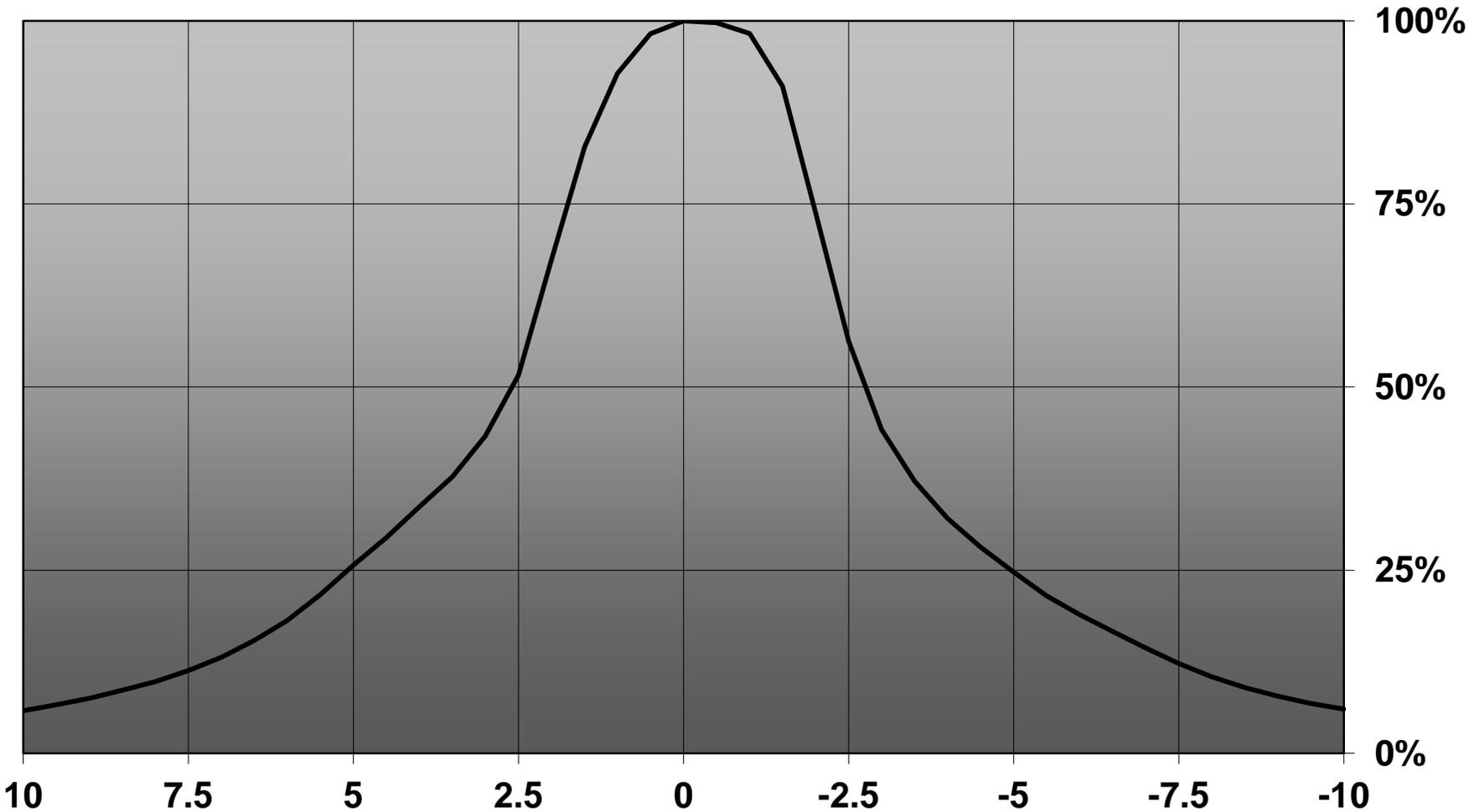
<b>Product Number</b>	CA11929_LR2-RS
<b>Family</b>	Leila
<b>Type</b>	Assembly
<b>Color</b>	white
<b>Diameter</b>	21,6 mm
<b>Height</b>	14,8 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	tape, pin
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	25/06/2014

## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XQ-E	sim: 7	Real spot	sim: 92 %	sim: 39.000-	
XP-L	16 deg	Real spot	91 %	8.900	-
LUXEON Rebel ES	11 deg	Real spot	94 %	-	-
LUXEON T	12 deg	Real spot	91 %	12.200	-
LUXEON Z ES	6 deg	Real spot	91 %	38.300	-
LUXEON H50-2	sim: 10.5	Real spot	sim: 93 %	sim: 17.700-	
LUXEON TX	11 deg	Real spot	91 %	15.400	-
NVSxx19B/NVSxx19C	11 deg	Real spot	94 %	16.000	-
Oslon Square EC	10 deg	Real spot	92 %	17.600	-



Relative intensity of CA11929\_LR2-RS\_(Luxeon Z-ES)

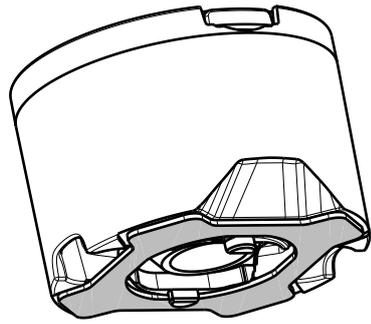


D

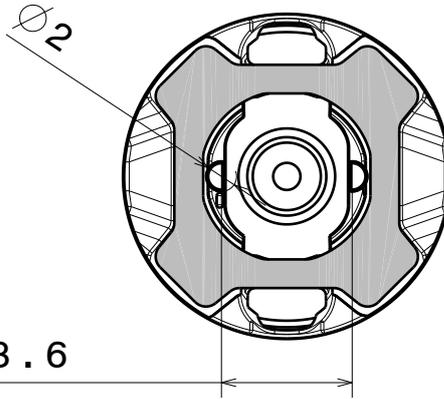
C

B

A



Isometric view



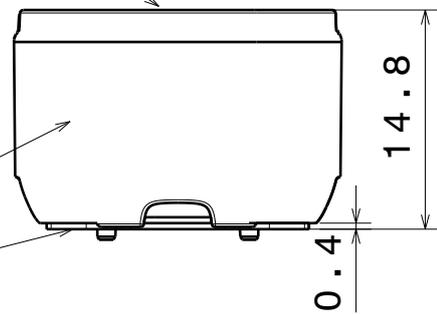
8.6

c / c

Lens

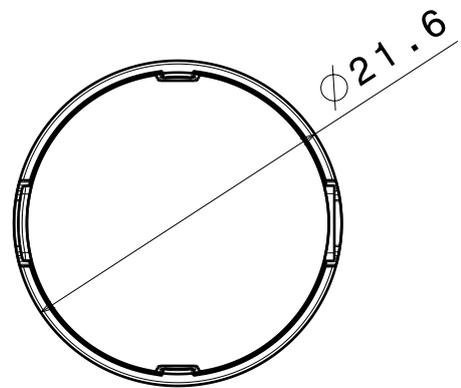
CA11703 LR2 LH1-holder-tape

tape



14.8

0.4



Top view

Materials:  
 Lens: PMMA  
 Holder: PC white  
 Tape: PU FOAM

Codes:  
 CA11929\_LR2-ES-RS  
 CA11930\_LR2-ES-D  
 CA11931\_LR2-ES-M  
 CA11932\_LR2-ES-O-90  
 CA12394\_LR2-W-WHT

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1

DRAWING TITLE

Datasheet LR2-ES series assy

DRAWN BY

DATE

ca

21.11.2011

CHECKED BY

DATE

s n

21.11.2011

DESIGNED BY

DATE

pl

27.08.2010

SIZE

A4

DRAWING NUMBER

-

REV

2

SCALE

1:1

WEIGHT (g)

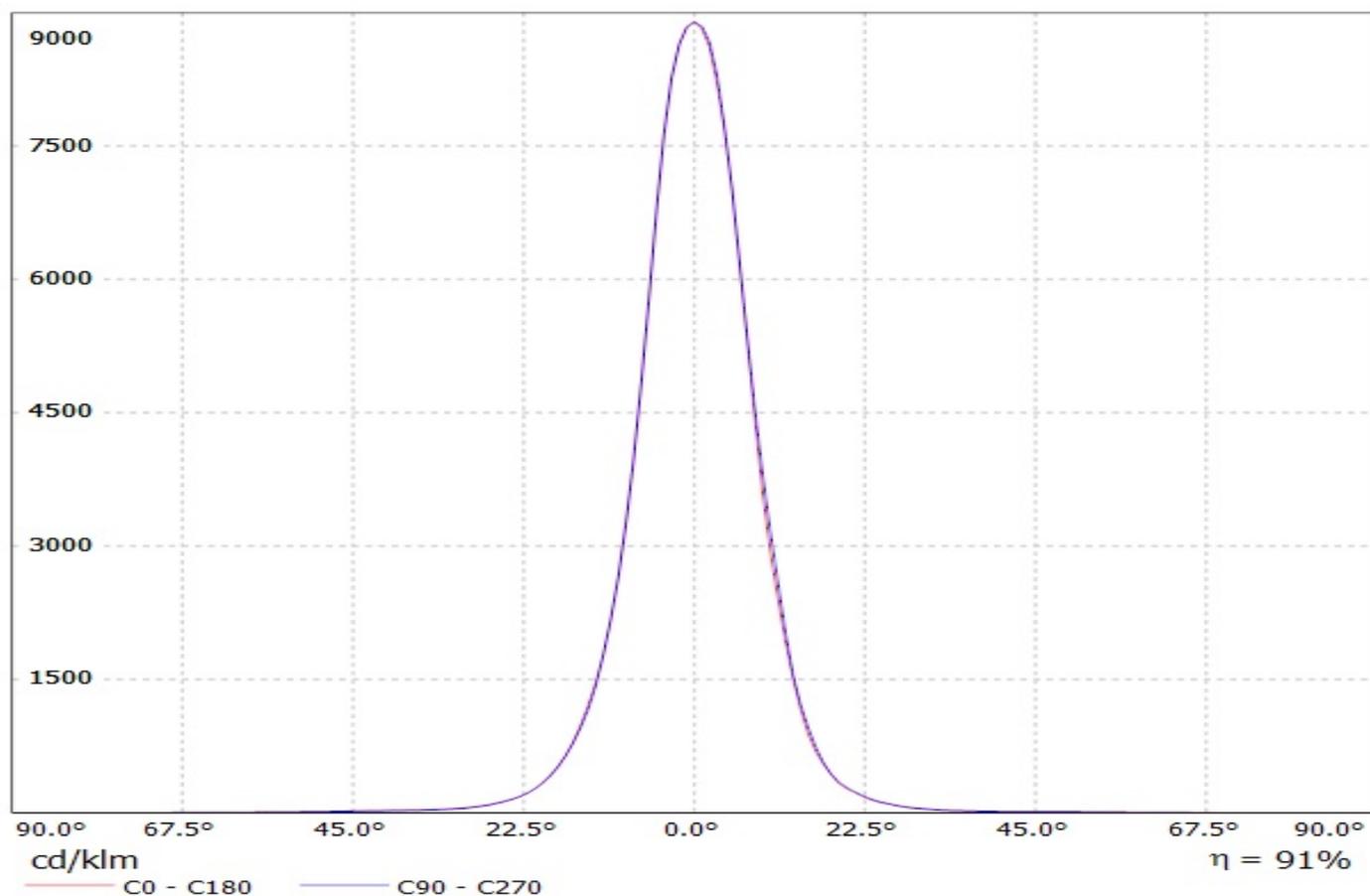
SHEET

1/1

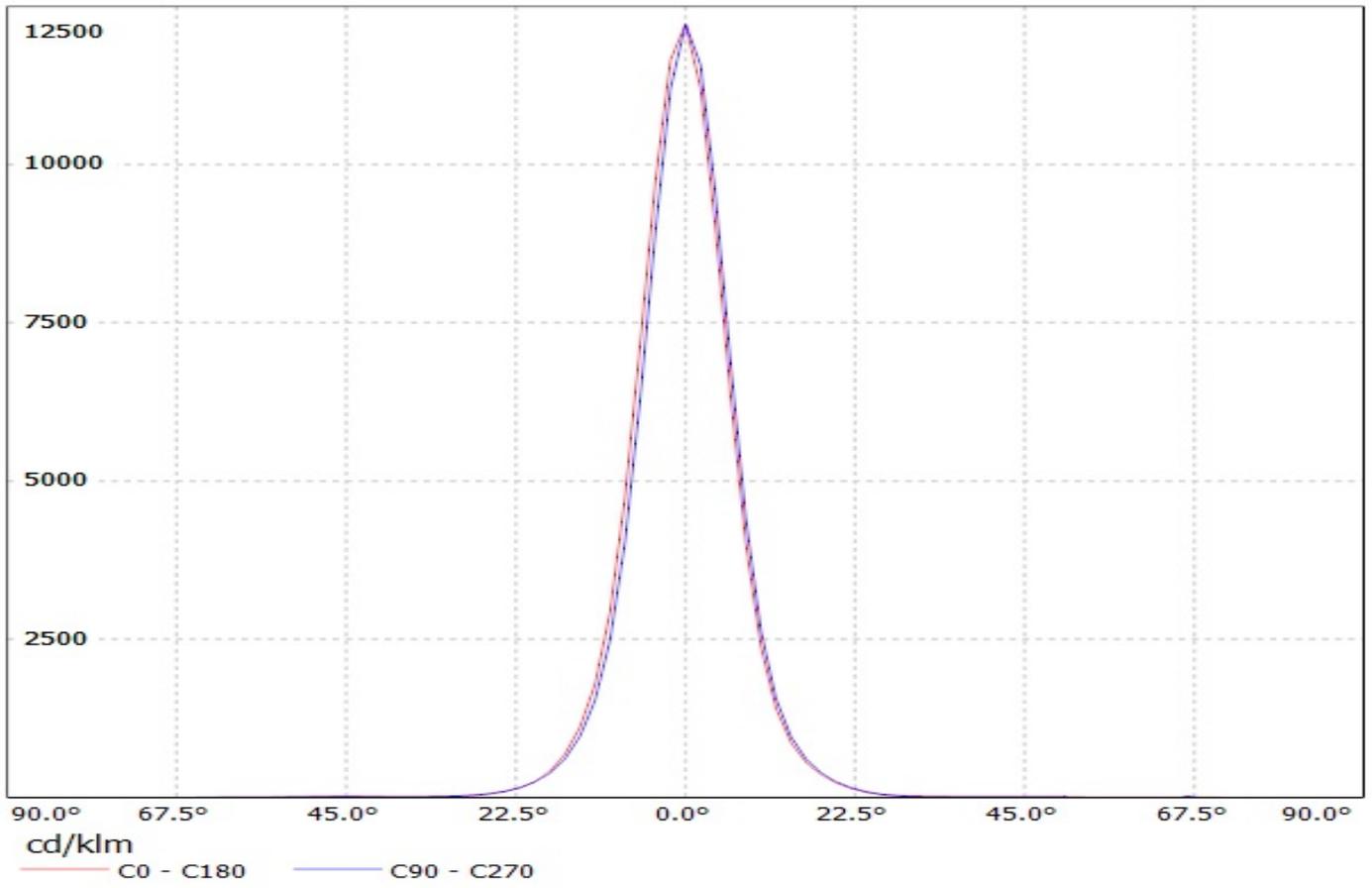
D

A

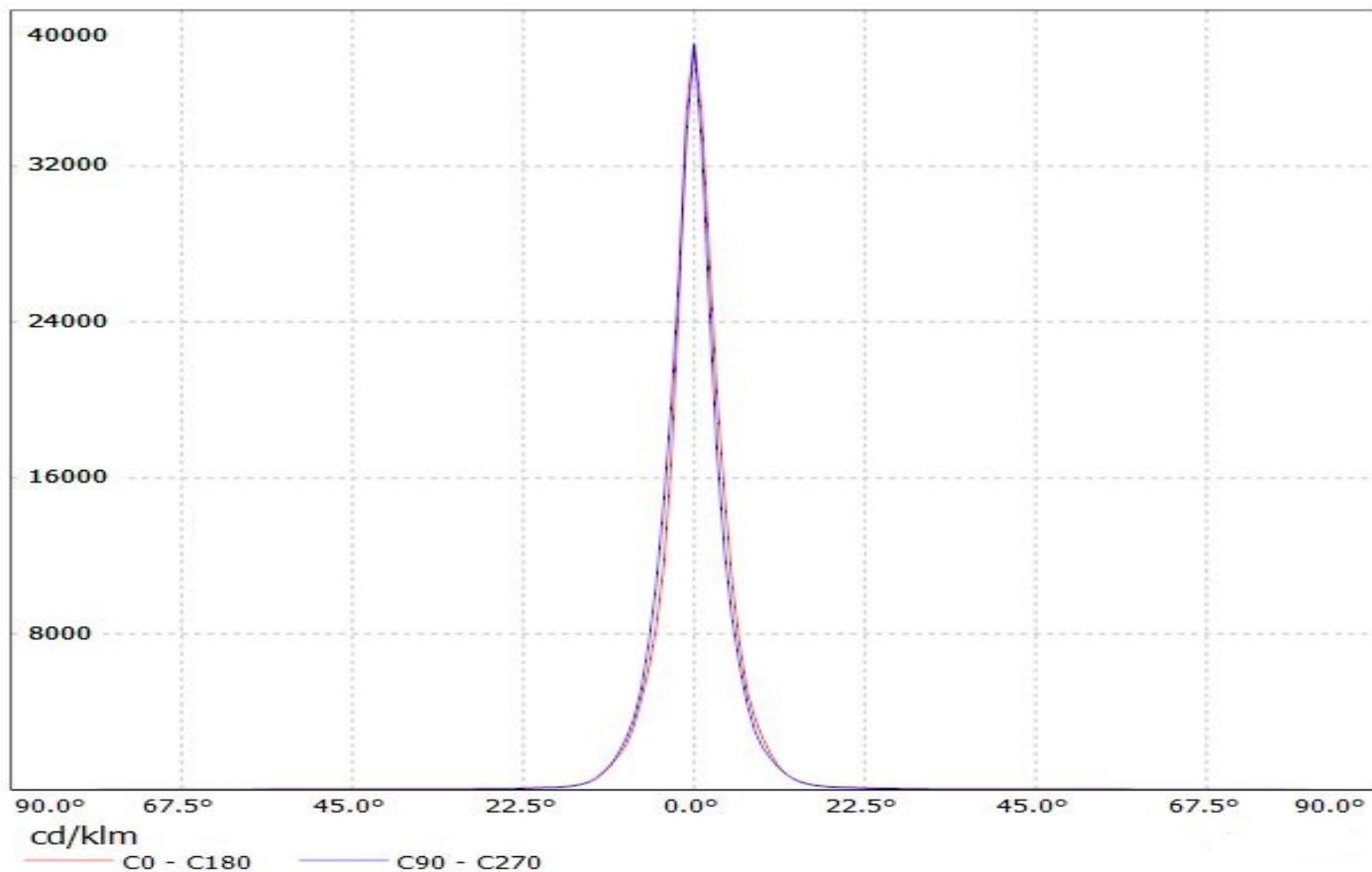
Luminaire: LEDil Oy CA11929\_LR2-RS\_(XP-L)  
Lamps: 1 x Cree XP-L (124.35lm @ 250mA) P=0.7W I=250mA



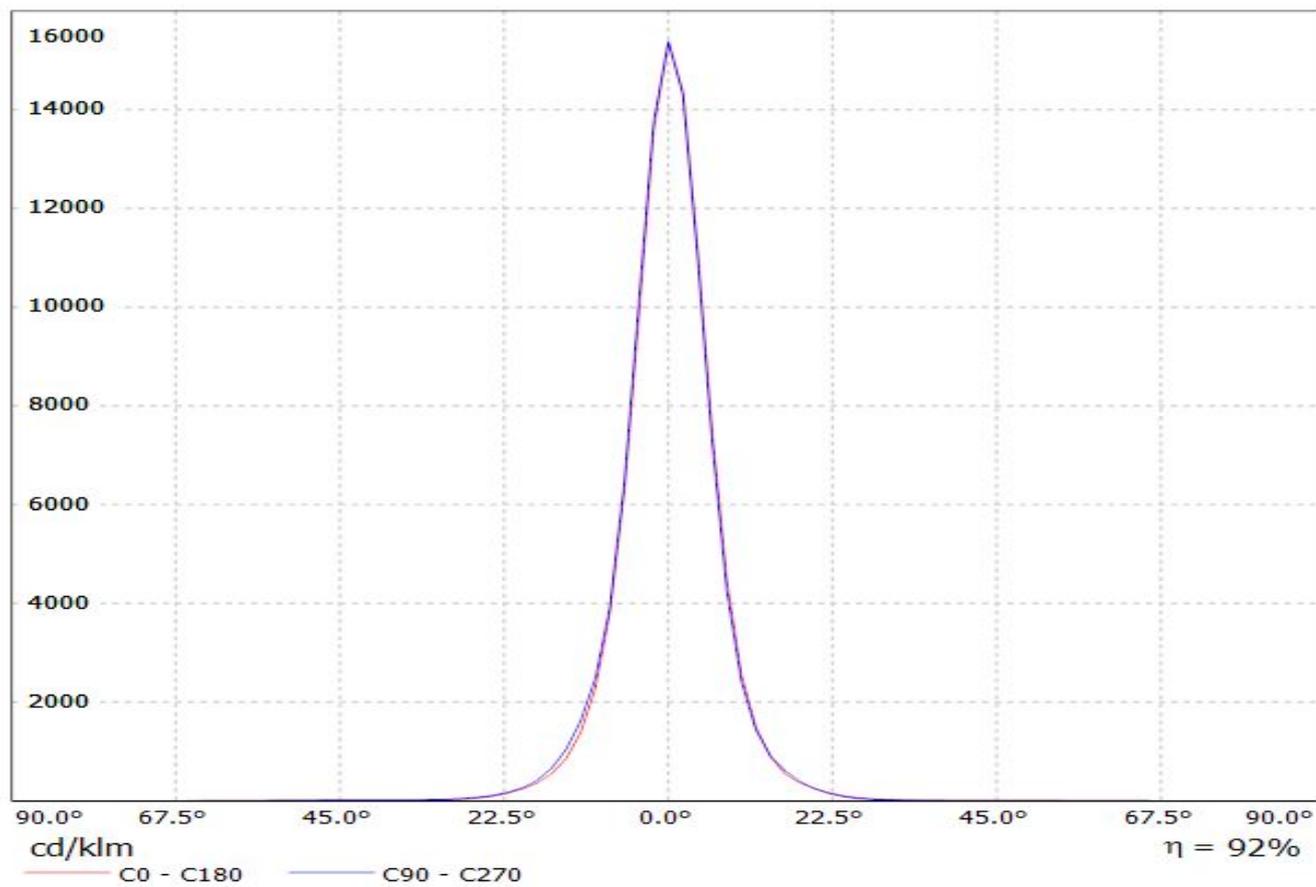
Luminaire: Ledil Oy CA11929\_LR2-RS (Luxeon T 72 lm @ 250mA) Efficiency= 91%  
Lamps: 1 x Luxeon T 72 lm @ 250mA



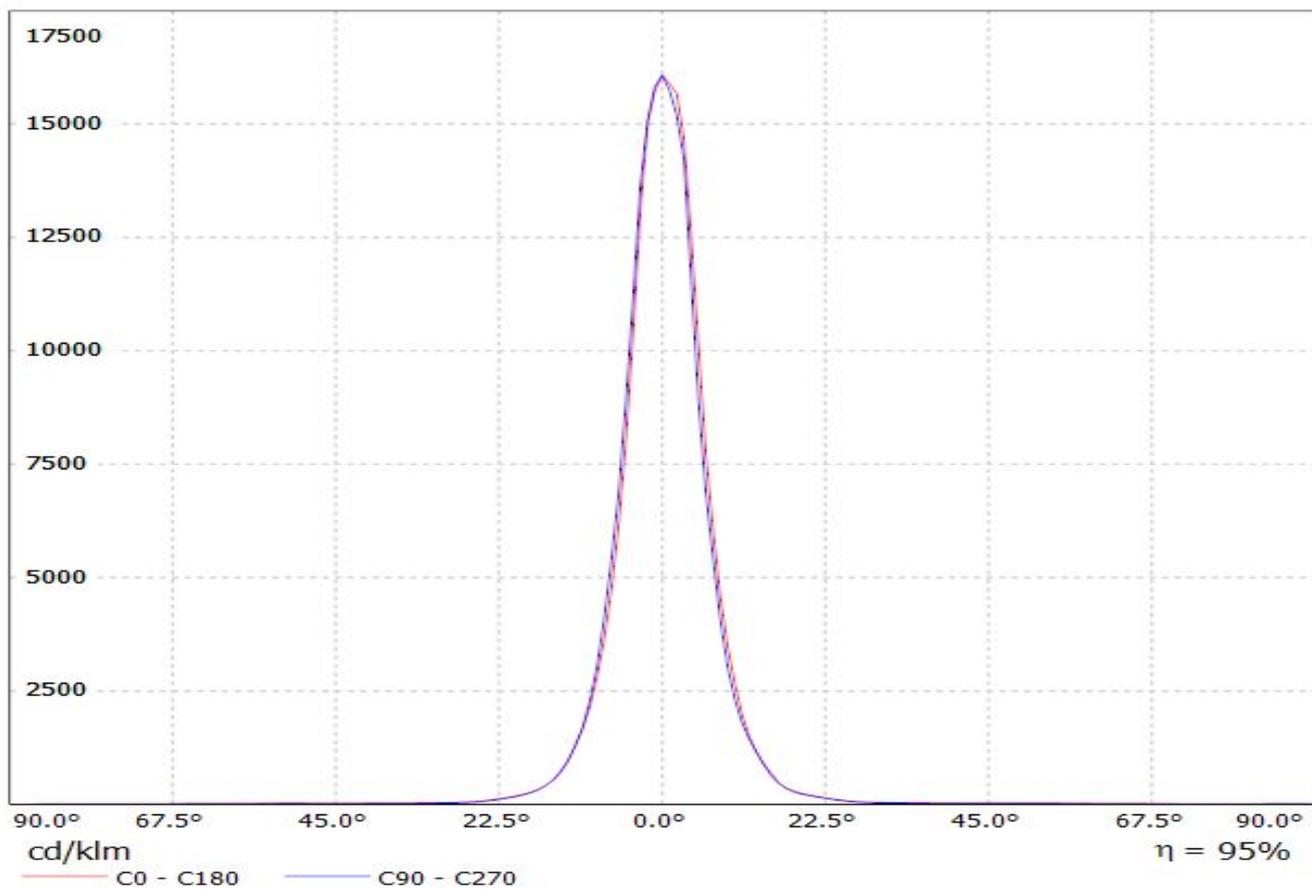
Luminaire: LEDiL Oy CA11929\_LR2-RS\_(Z\_ES)  
Lamps: 1 x Philips\_Lumileds\_Luxeon\_Z\_ES\_(LX22-5070)  
\_84.6528lm@250mA\_P=0.730483W\_I=249.9mA



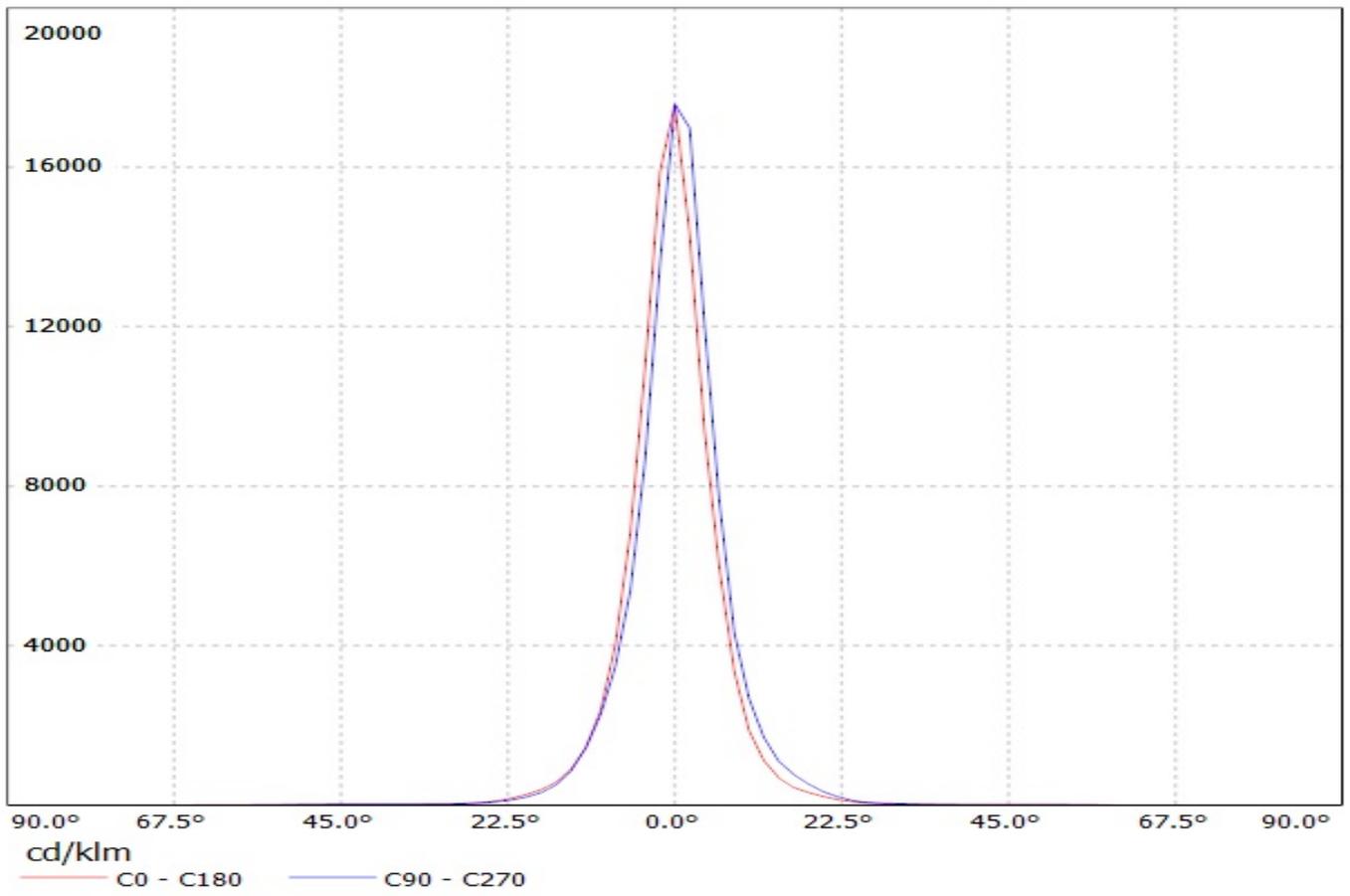
Luminaire: Ledil Oy CA11929\_LR2-RS\_(Luxeon TX) Efficiency=91%  
Lamps: 1 x Luxeon TX 82lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: LEDiL Oy CA11929 LR2-RS\_(NVSL219CE)  
Lamps: 1 x Nichia\_NVSL219CE\_101.052lm@250mA\_P=0.713154W\_I=0.25A

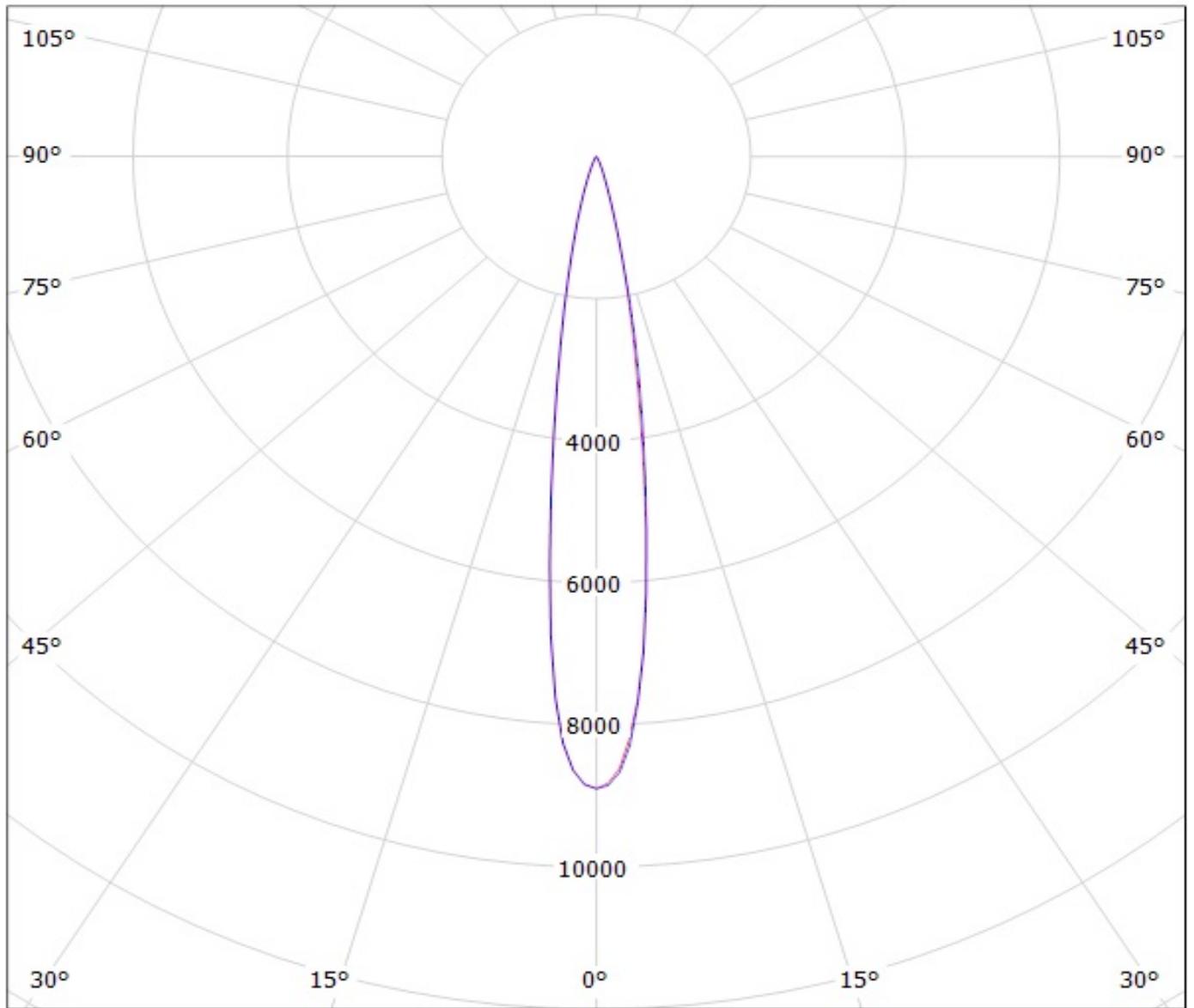


Luminaire: Ledil Oy CA11929\_LR2-RS (Osram Square EC 63lm @ 250mA) Efficiency=92%  
Lamps: 1 x Osram Square EC 63lm @ 250mA



Luminaire: LEDil Oy CA11929\_LR2-RS\_(XP-L)

Lamps: 1 x Cree XP-L (124.35lm @ 250mA) P=0.7W I=250mA



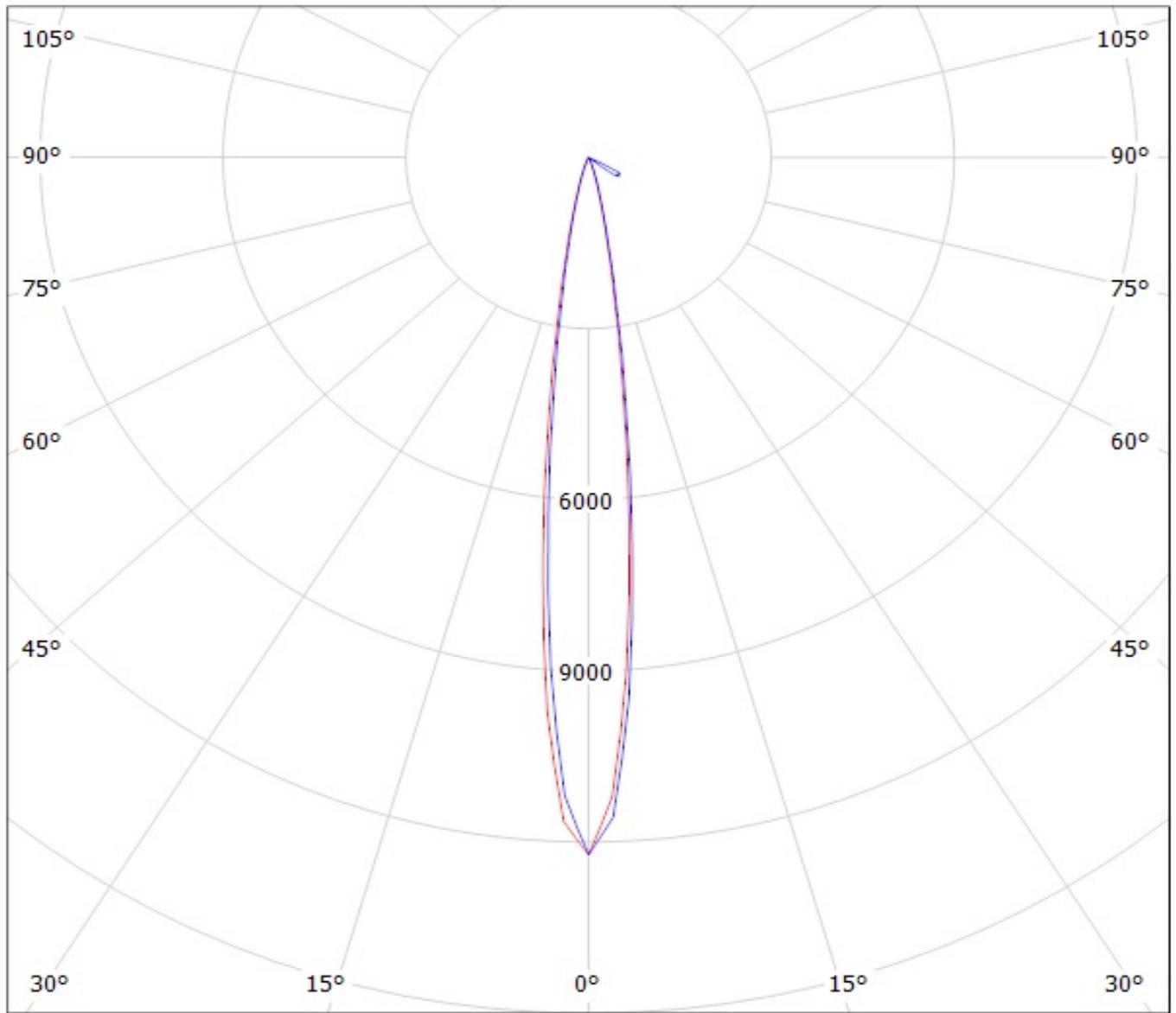
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy CA11929\_LR2-RS (Luxeon T 72 lm @ 250mA) Efficiency= 91%  
Lamps: 1 x Luxeon T 72 lm @ 250mA

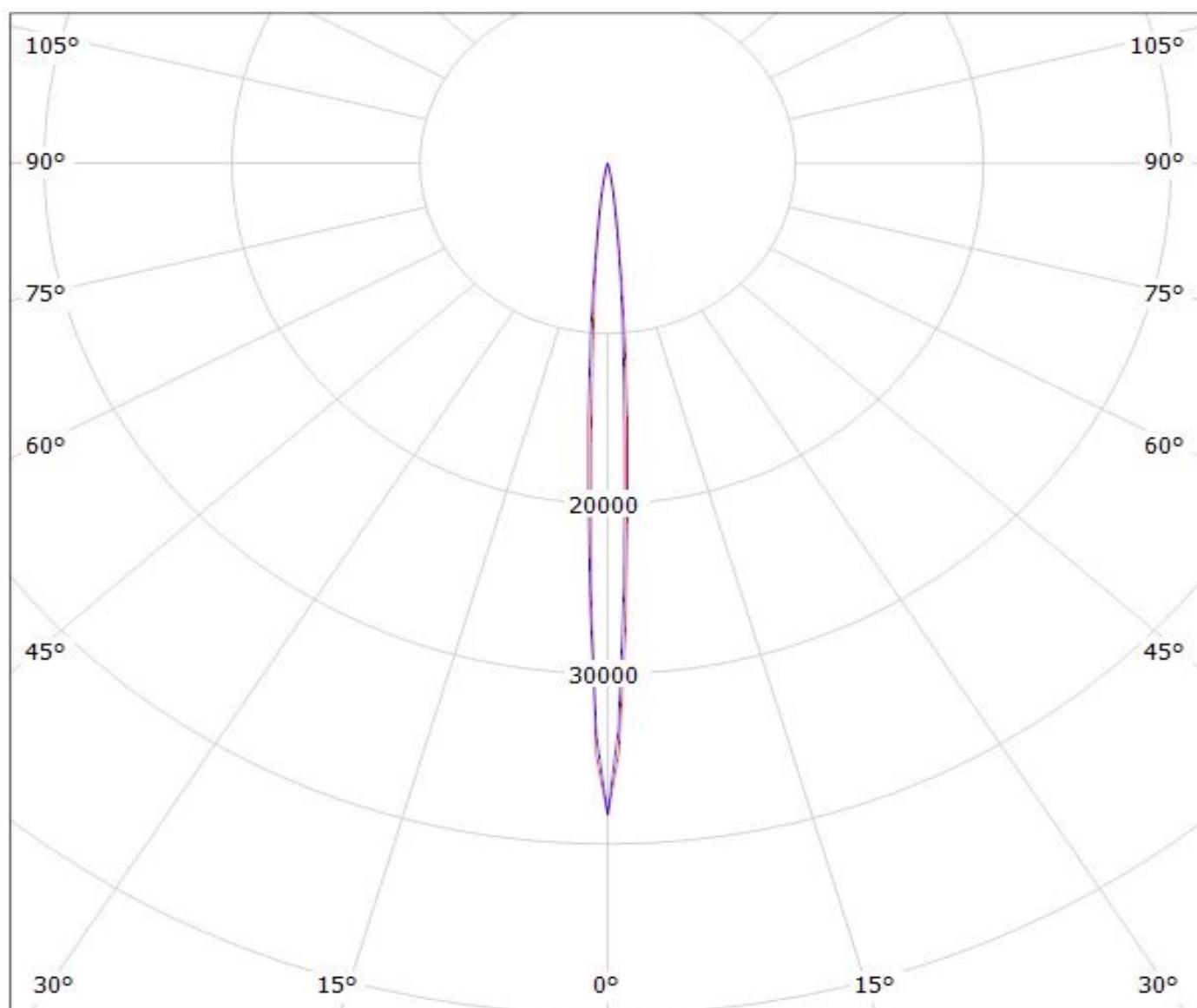


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA11929\_LR2-RS\_(Z\_ES)  
Lamps: 1 x Philips\_Lumileds\_Luxeon\_Z\_ES\_(LXZ2-5070)  
\_84.6528lm@250mA\_P=0.730483W\_I=249.9mA

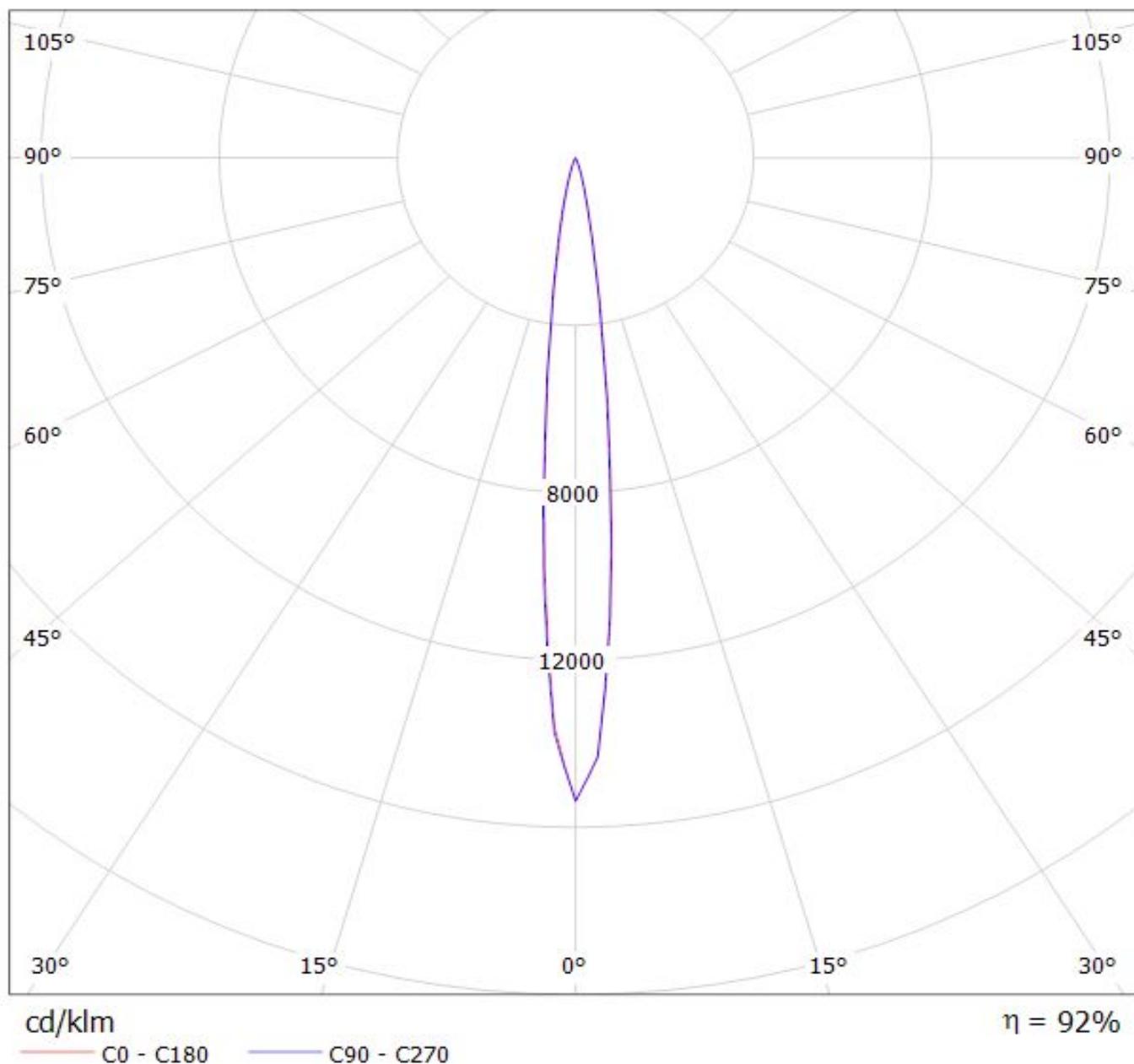


cd/klm

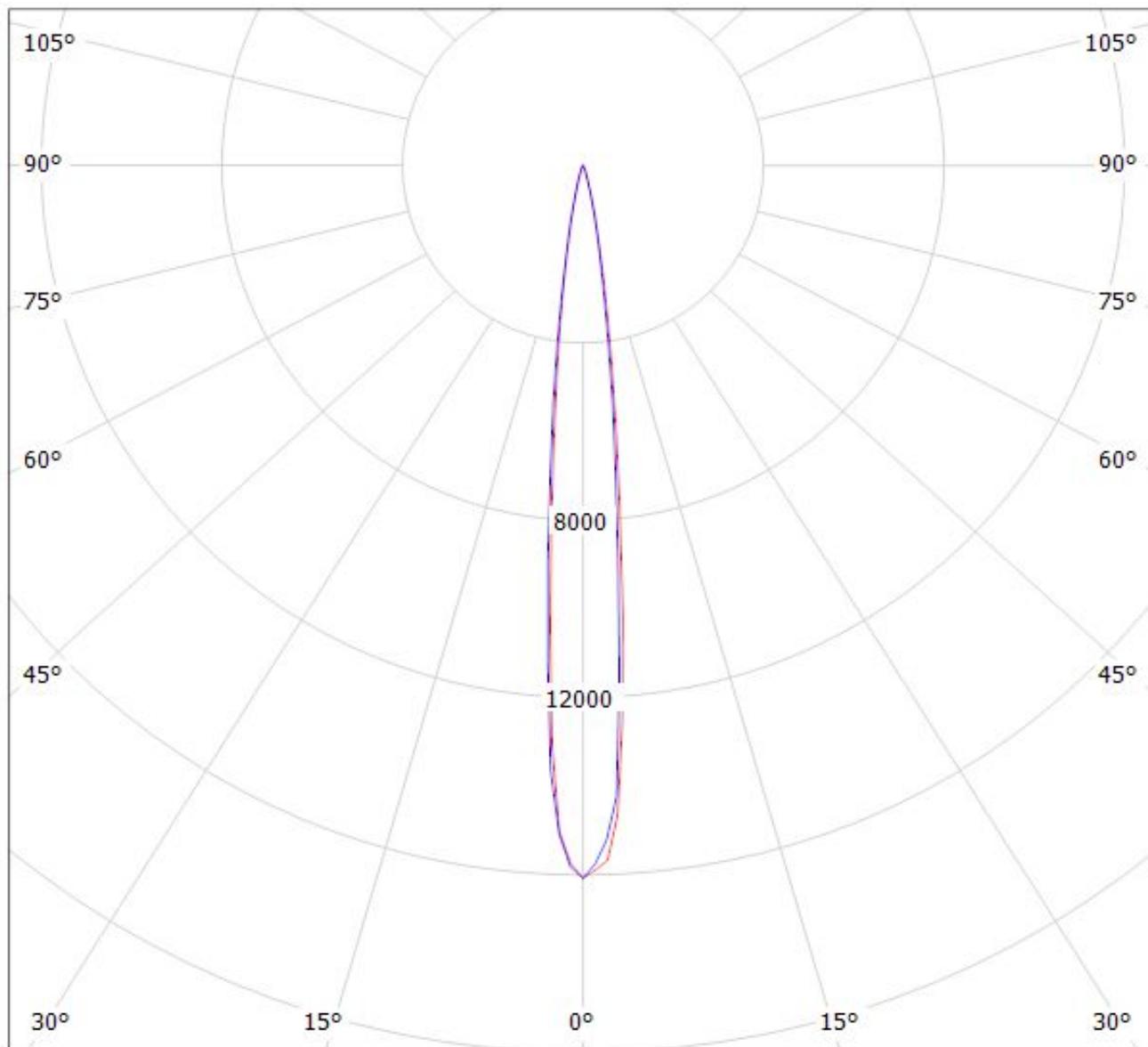
— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA11929\_LR2-RS\_(Luxeon TX) Efficiency=91%  
Lamps: 1 x Luxeon TX 82lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: LEDiL Oy CA11929\_LR2-RS\_(NVSL219CE)  
Lamps: 1 x Nichia\_NVSL219CE\_101.052lm@250mA\_P=0.713154W\_I=0.25A



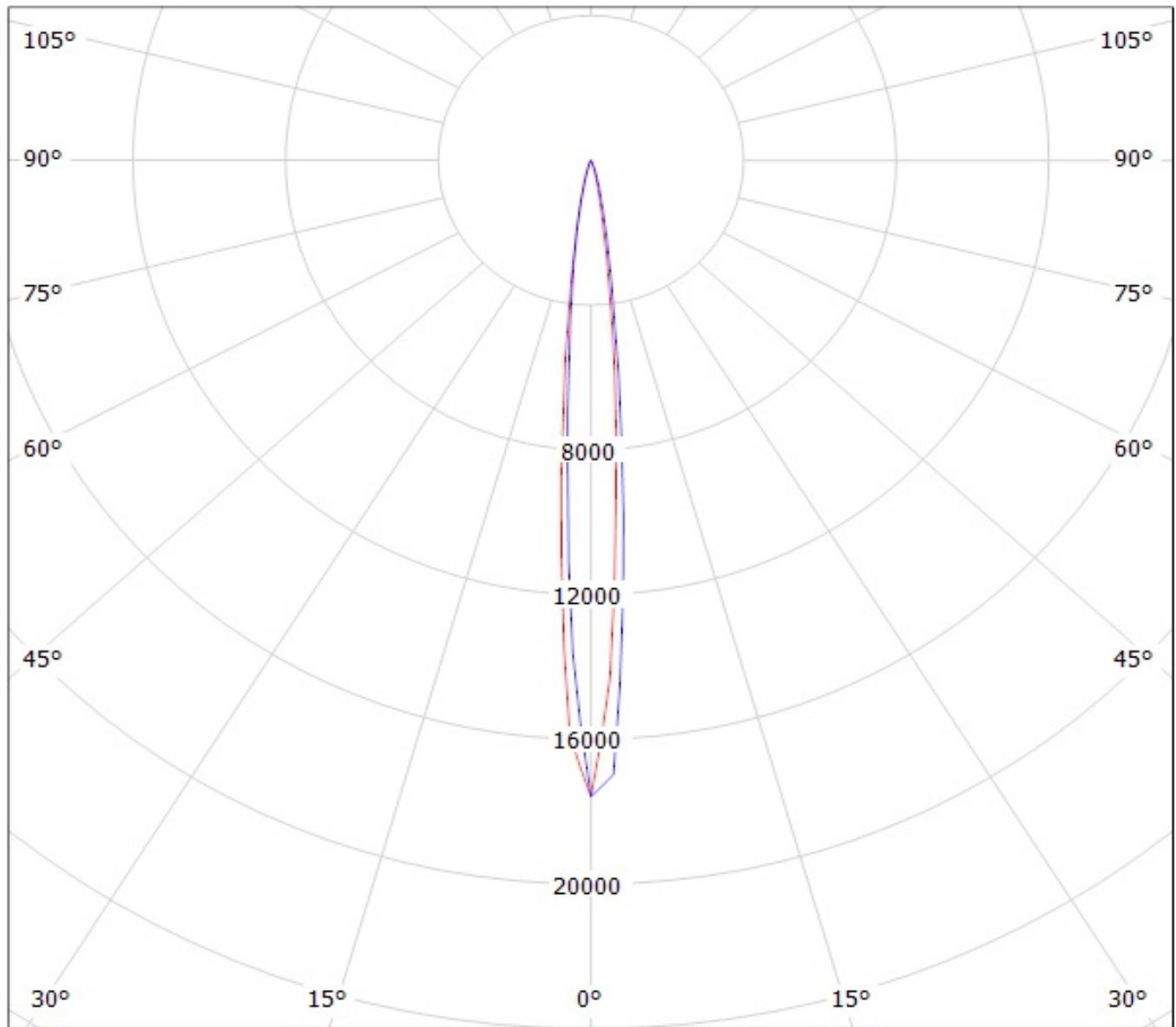
cd/klm

$\eta = 95\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA11929\_LR2-RS (Osram Square EC 63lm @ 250mA) Efficiency=92%  
Lamps: 1 x Osram Square EC 63lm @ 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.**