

## DETAILS

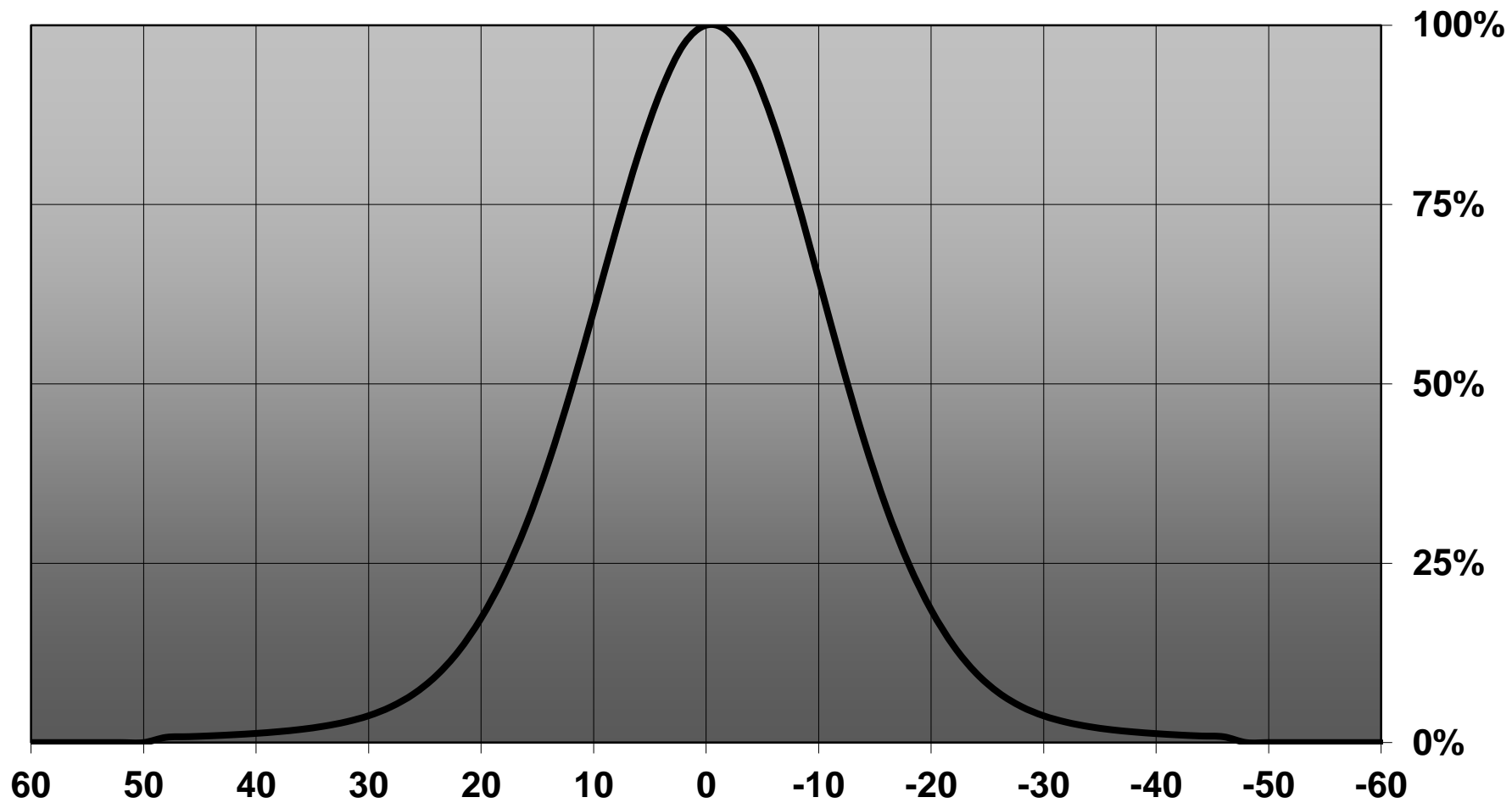
<b>Product Number</b>	C11334_CUTE-3-M
<b>Family</b>	Cute
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	35 mm
<b>Height</b>	15 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	pin, glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	7/03/2014



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-E	22 deg	Medium	91 %	-	-
XP-G	24 deg	Medium	91 %	-	-
XM-L	25 deg	Medium	90 %	-	-
XM-L HVW	sim: 33	Medium	84 %	-	-
XT-E HVW	sim: 30	Medium	83 %	-	-
XM-L2	26 deg	Medium	89 %	3.700	-
XP-L	24 deg	Medium	88 %	3.900	-
C3535 (Intematix)	27 deg	Medium	-	-	-
LUXEON Rebel	22 deg	Medium	91 %	-	-
LUXEON Rebel ES	24 deg	Medium	92 %	-	-
LUXEON A	24 deg	Medium	-	-	-
LUXEON T	23 deg	Medium	89 %	4.200	-
LUXEON H50-2	sim: 30	Medium	sim: 90 %	sim: 2.700	-
LUXEON TX	25 deg	Medium	88 %	4.300	-
NCSxx19A	25 deg	Medium	88 %	-	-
NVSxx19A	25 deg	Medium	88 %	-	-
NVSxx19B/NVSxx19C	sim: 30	Medium	sim: 89 %	sim: 2.530	-
Oslon SSL 80	22 deg	Medium	89 %	-	-
Oslon SSL 150	24 deg	Medium	-	-	-
Z5M1/Z5M2	sim: 31	Medium	sim: 91 %	-	-
TL1L3	26 deg	Medium	86 %	2.600	-

### Relative intensity of C11334\_CUTE-3-M\_(XP-L)



—1

D

C

B

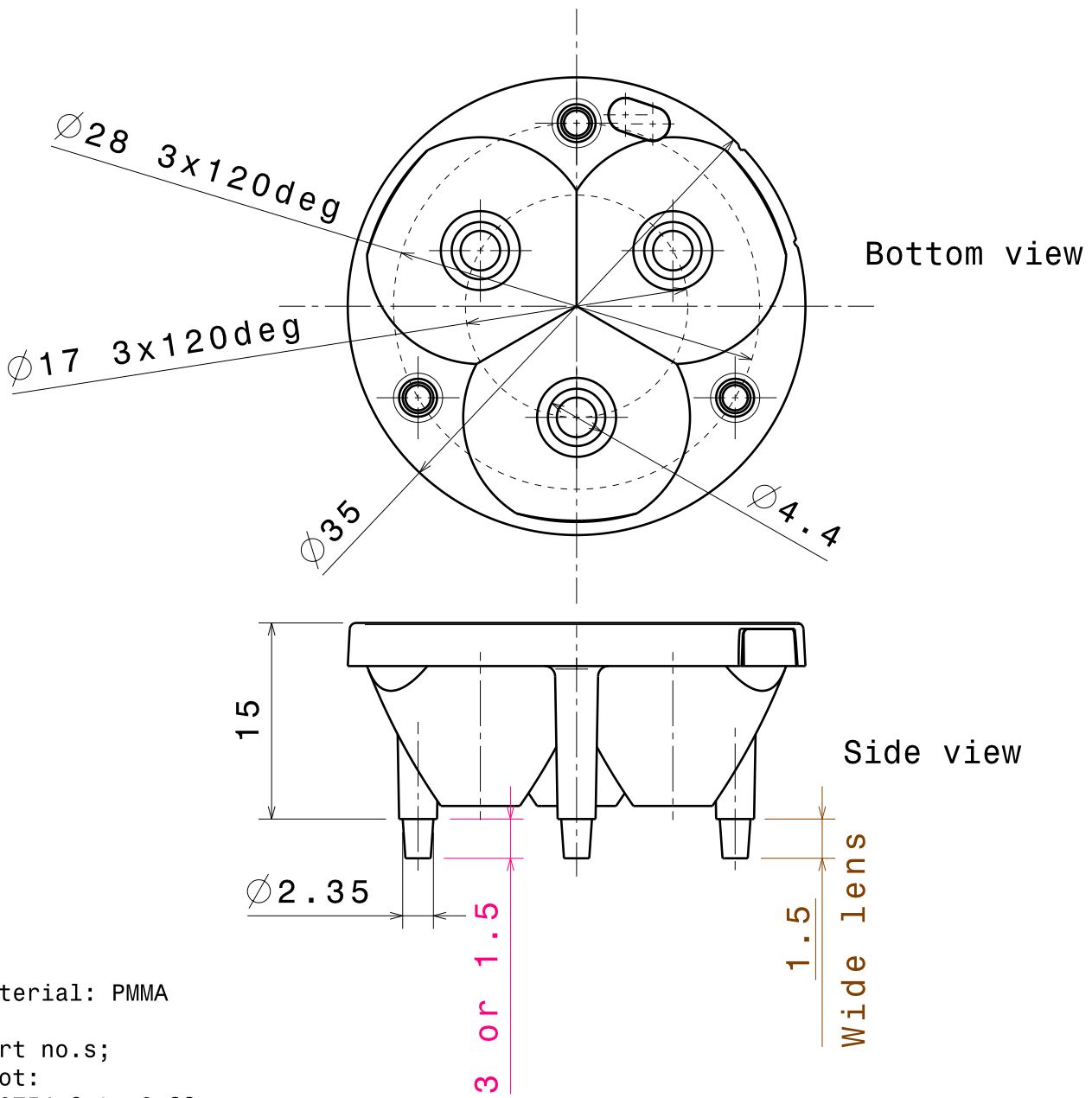
A

4

3

2

1



Material: PMMA

Part no.s;

Spot:

C10754\_Cute-3-SS

C11333\_Cute-3-SS, pin head length =1.5mm

Medium:

C10755\_Cute-3-M

C11334\_Cute-3-M, pin head length =1.5mm

Wide:

C10756\_Cute-3-W

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Ledil Oy  
Tehdaskatu 13  
FIN-24100 SALO  
Finland

DRAWING TITLE

Datasheet Cute-3 Lens Series

DRAWN BY

pv

DATE

08.02.2010

CHECKED BY

TK

DATE

09.09.2008

DESIGNED BY

HH

DATE

09.09.2008

SIZE

A4

DRAWING NUMBER

REV

1

SCALE

2:1

WEIGHT (g)

SHEET

1/1

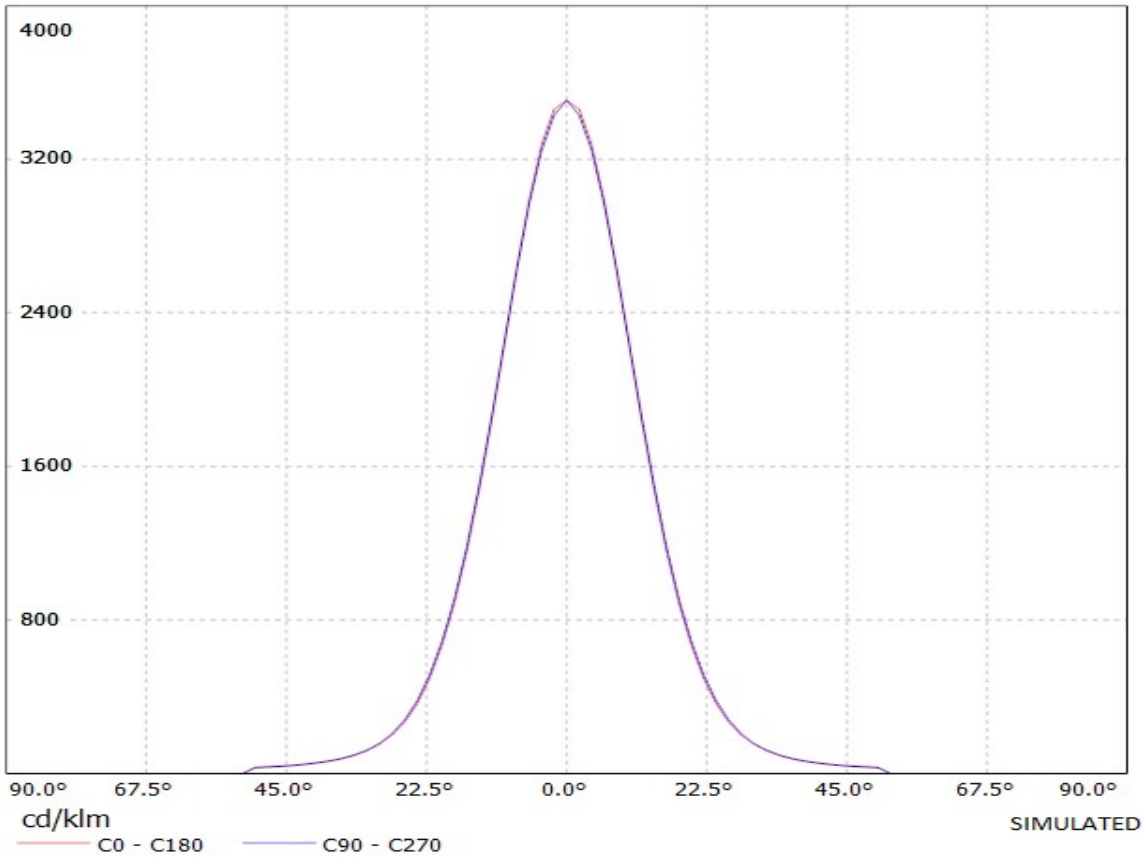
D

A

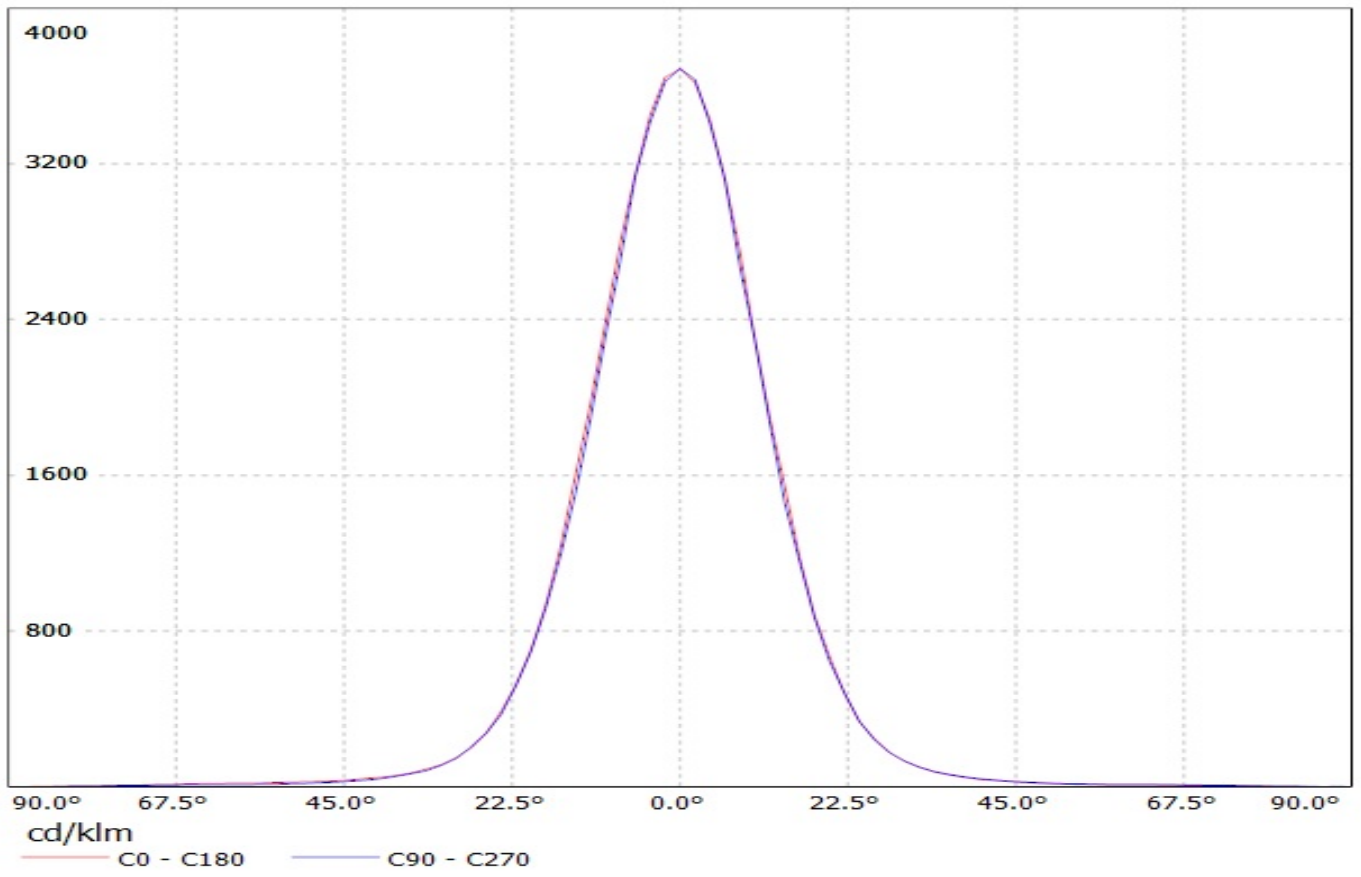
1

# Ledil Oy C10755\_Cute-3-M-XM C10755\_Cute-3-M-XM / LDC (Linear)

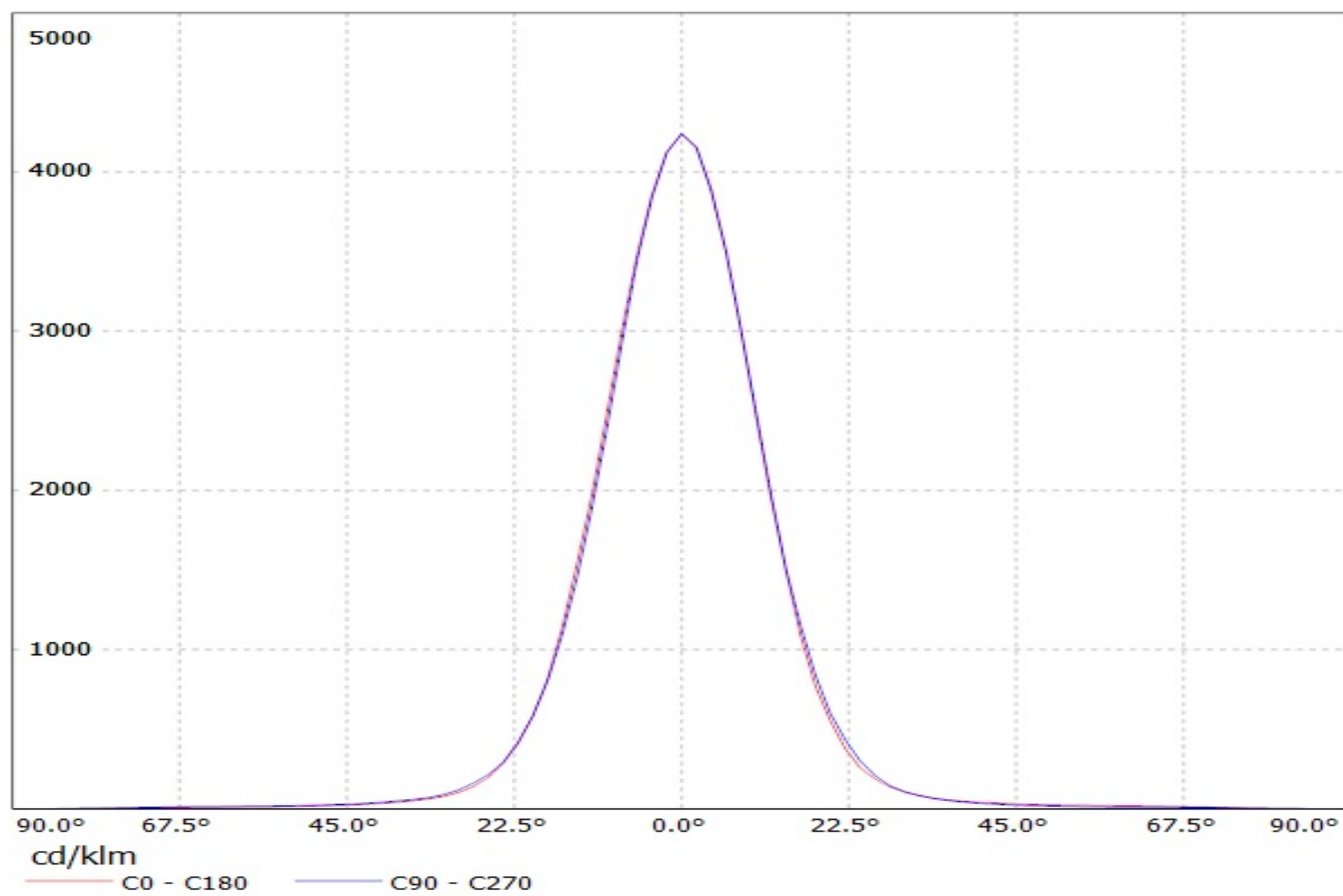
Luminaire: Ledil Oy C10755\_Cute-3-M-XM C10755\_Cute-3-M-XM  
Lamps: 1 x Cree XM-L x3 white



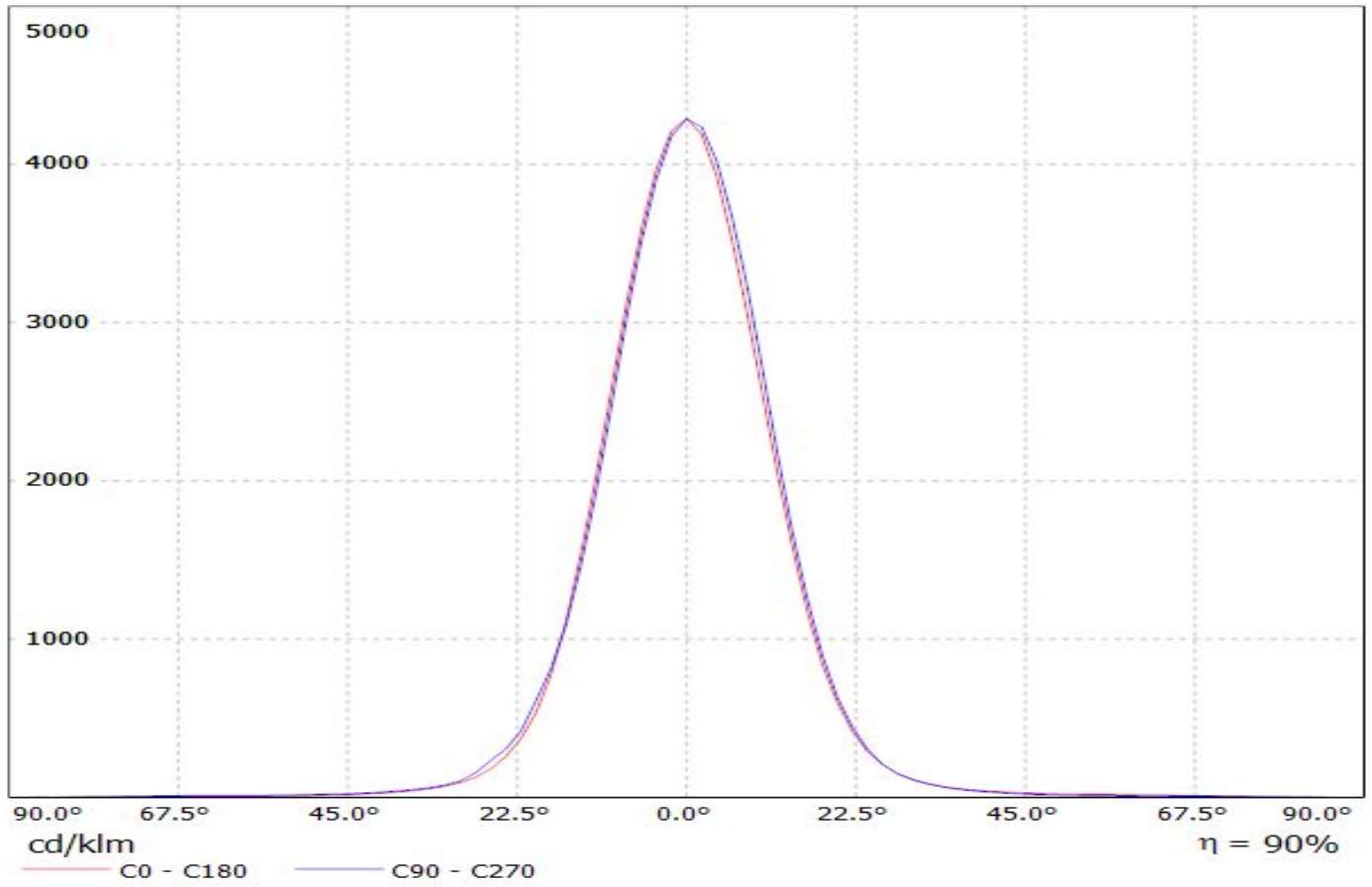
Luminaire: LEDil Oy C11334\_CUTE-3-M\_(XM-L2) Efficiency=89%  
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 268lm @ 250mA CCT=3200K P=2.1W I=250mA



Luminaire: Ledil Oy C11334\_Cute-3-M (Luxeon T 217lm @ 250mA) Efficiency=89%  
Lamps: 1 x Luxeon T 217lm @ 250mA



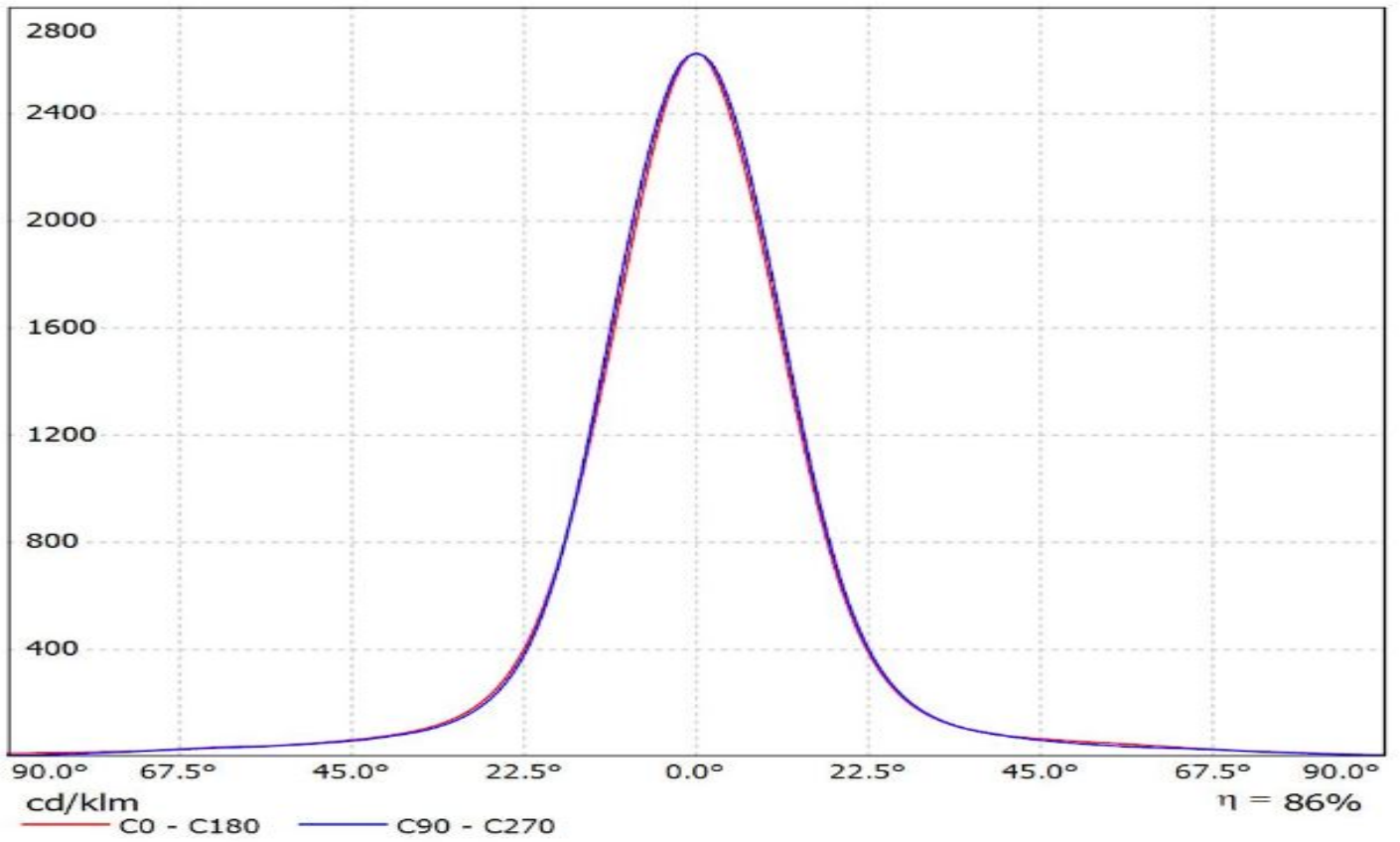
Luminaire: Ledil Oy C11334\_CUTE-3-M\_(Luxeon\_TX) Efficiency=88%  
Lamps: 1 x Luxeon TX 240lm @ 250mA CCT= P=2.09W I=250mA



# Ledil C11334\_CUTE-3-M\_(TL1L3) / LDC (Linear)

Luminaire: Ledil C11334\_CUTE-3-M\_(TL1L3)

Lamps: 1 x Toshiba\_TL1L3\_cute3\_270.4lm@250mA\_P=2.829W\_I=0.25A

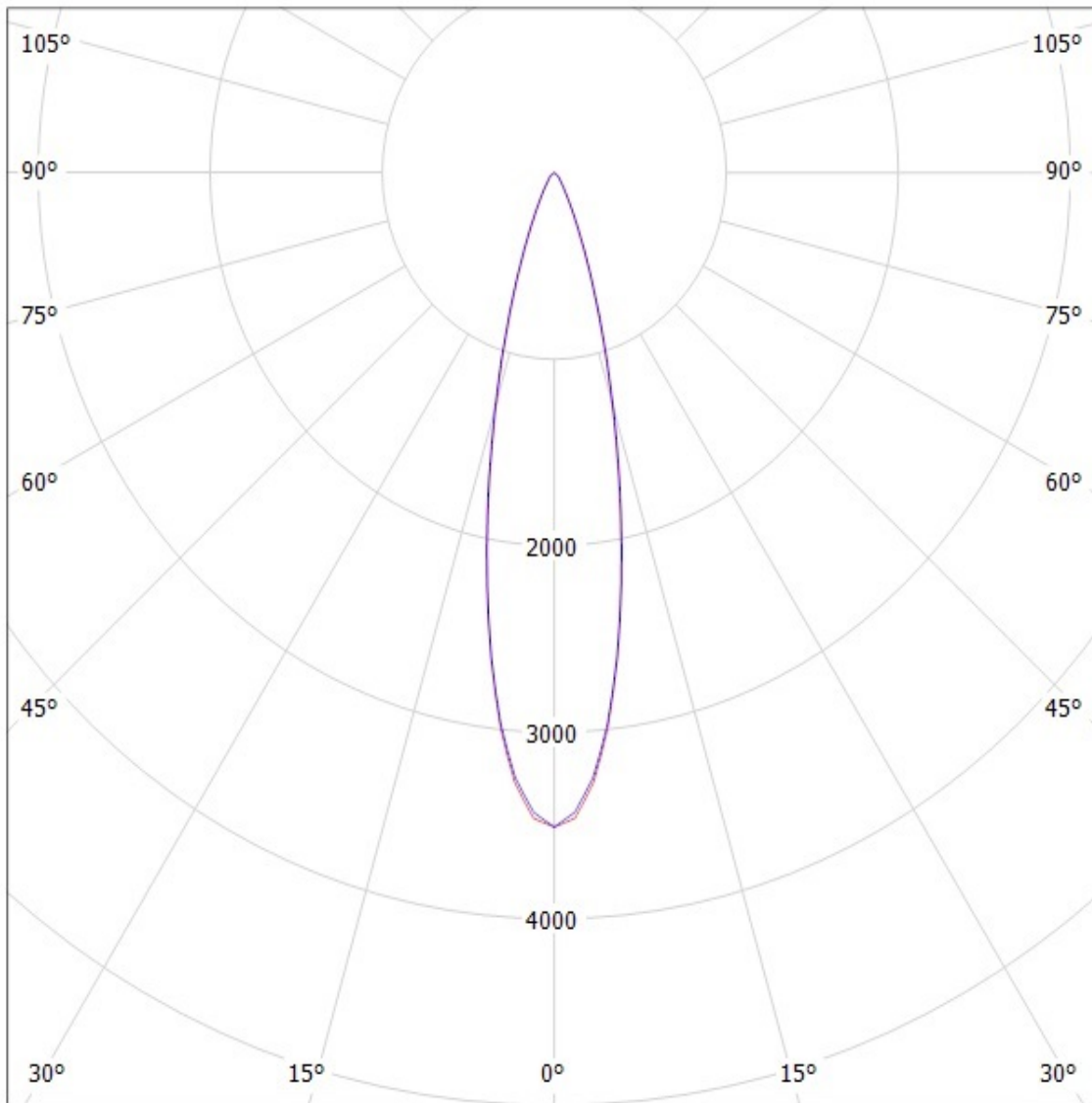




# Ledil Oy C10755\_Cute-3-M-XM C10755\_Cute-3-M-XM / LDC (Polar)

Luminaire: Ledil Oy C10755\_Cute-3-M-XM C10755\_Cute-3-M-XM

Lamps: 1 x Cree XM-L x3 white

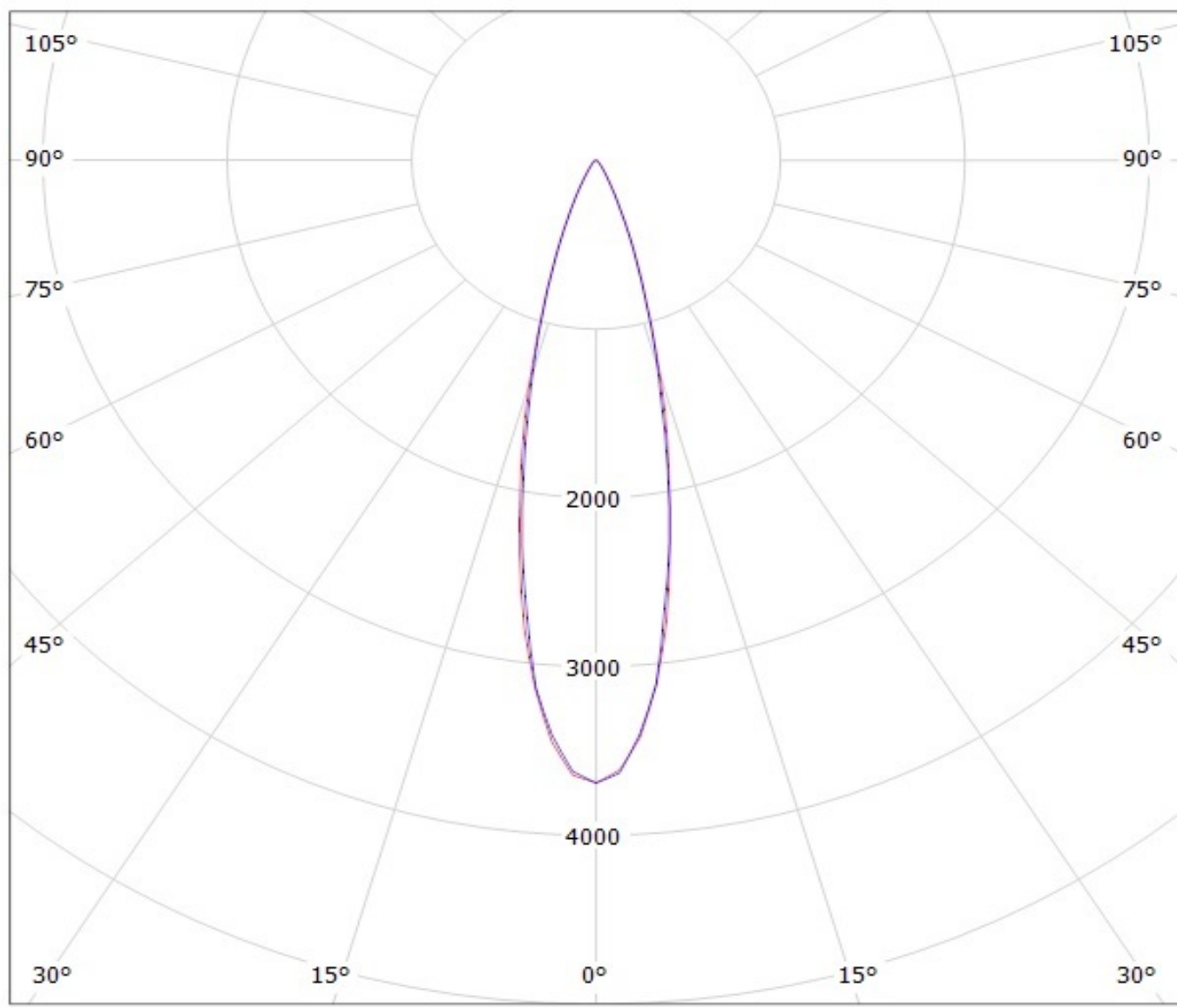


cd/klm

— C0 - C180 — C90 - C270

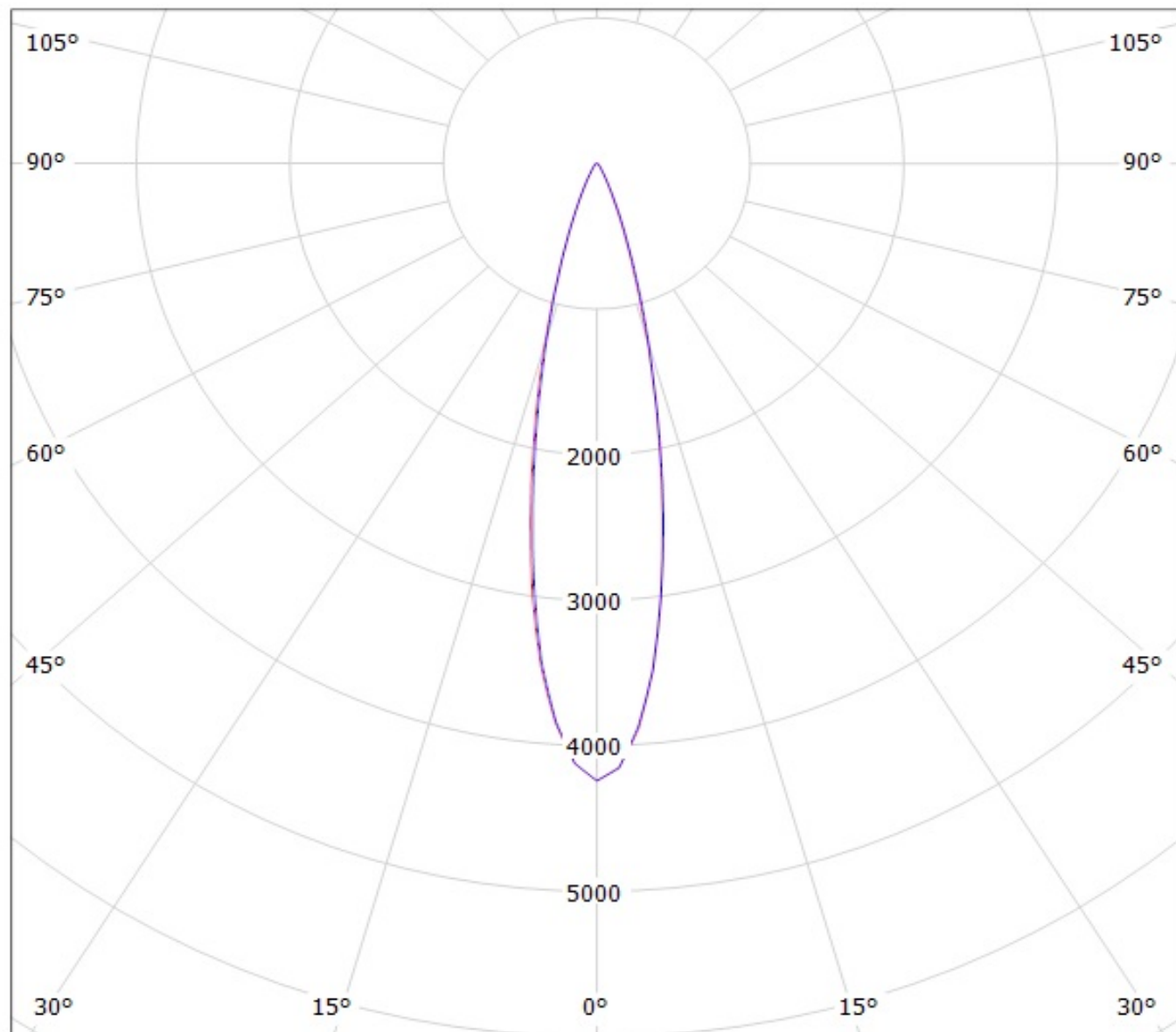
SIMULATED

Luminaire: LEDil Oy C11334\_CUTE-3-M\_(XM-L2) Efficiency=89%  
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 268lm @ 250mA CCT=3200K P=2.1W I=250mA



cd/klm  
— C0 - C180    — C90 - C270

Luminaire: Ledil Oy C11334\_Cute-3-M (Luxeon T 217lm @ 250mA) Efficiency=89%  
Lamps: 1 x Luxeon T 217lm @ 250mA

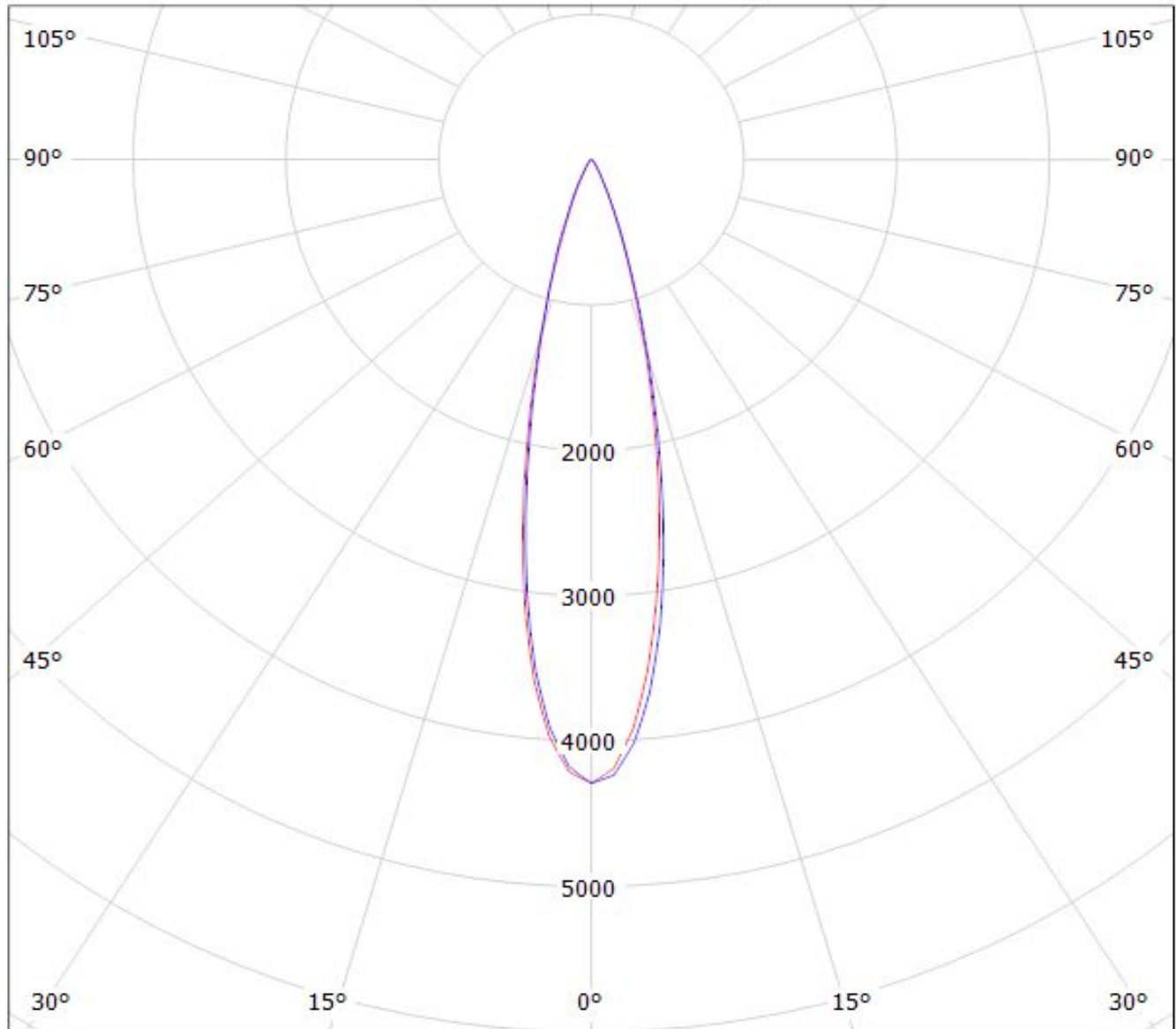


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C11334\_CUTE-3-M\_(Luxeon\_TX) Efficiency=88%  
Lamps: 1 x Luxeon TX 240lm @ 250mA CCT= P=2.09W I=250mA



cd/klm

— C0 - C180

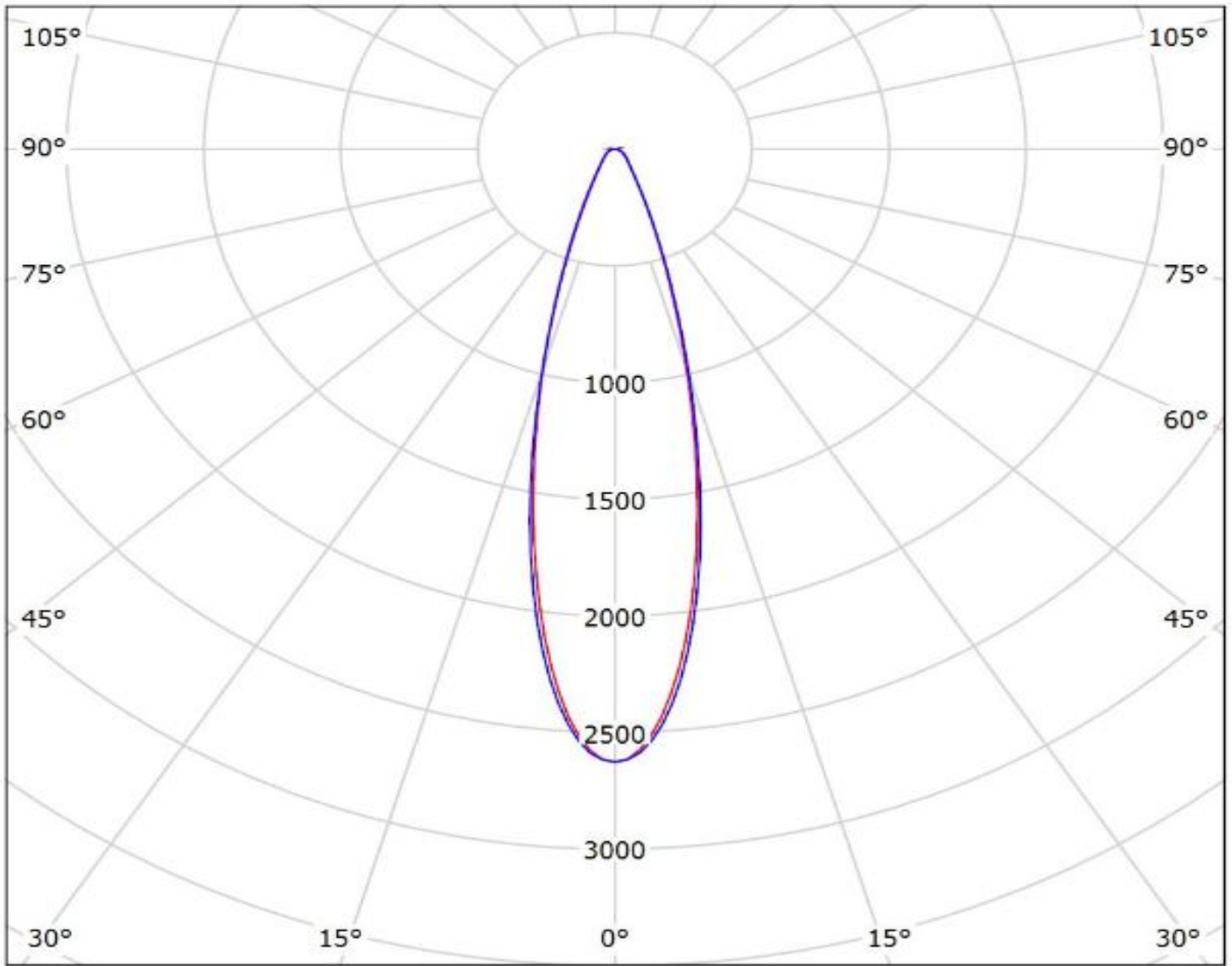
— C90 - C270

$\eta = 90\%$

# Ledil C11334\_CUTE-3-M\_(TL1L3) / LDC (Polar)

Luminaire: Ledil C11334\_CUTE-3-M\_(TL1L3)

Lamps: 1 x Toshiba\_TL1L3\_cute3\_270.4lm@250mA\_P=2.829W\_I=0.25A



cd/klm

— C0 - C180    — C90 - C270

$\eta = 86\%$

**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.**