

## DETAILS

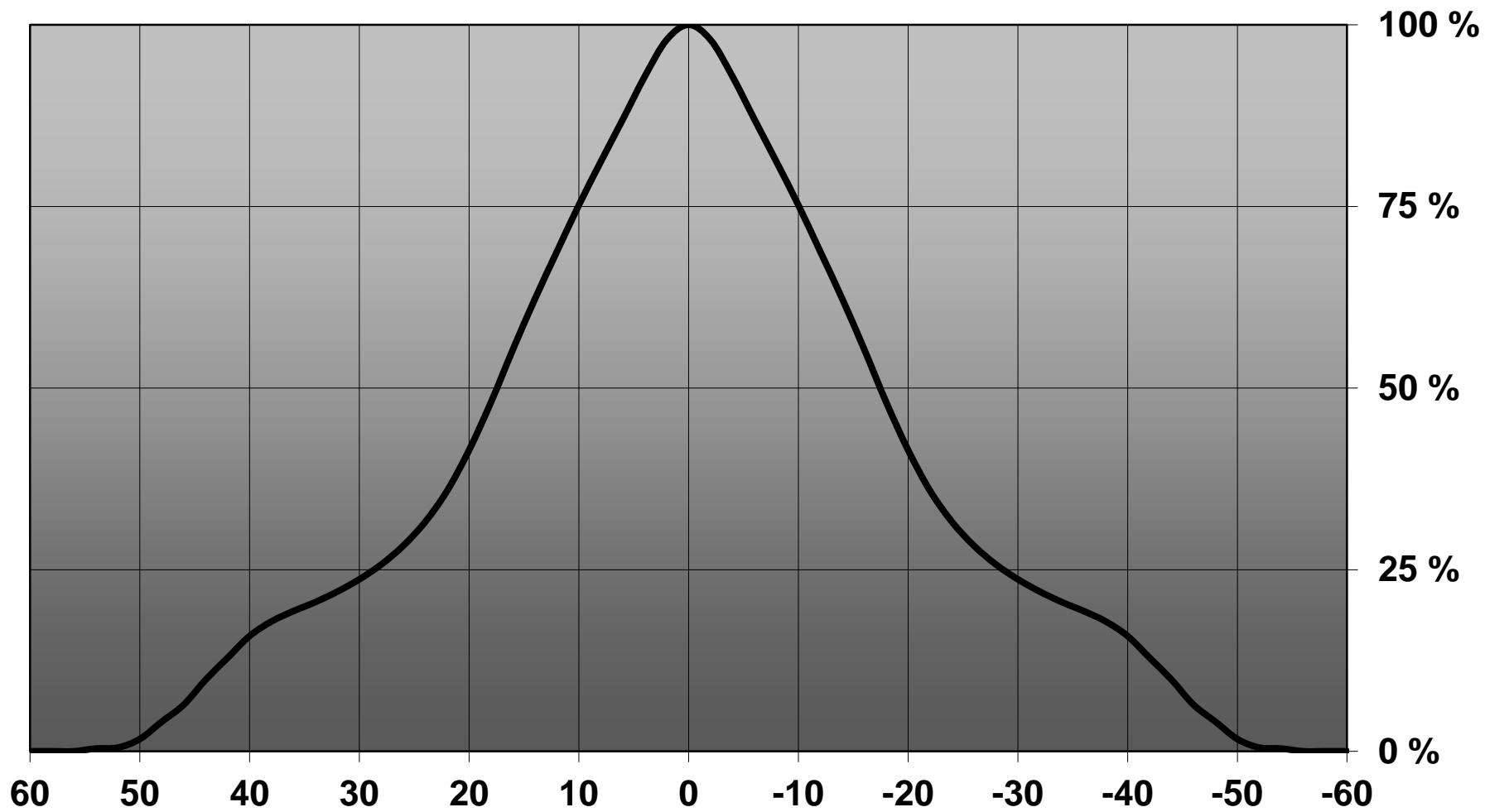
<b>Product Number</b>	C11862_MINNIE-W
<b>Family</b>	Minnie
<b>Type</b>	Reflector
<b>Color</b>	metal
<b>Diameter</b>	32,4 mm
<b>Height</b>	14,75 mm
<b>Style</b>	round
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	25/06/2014



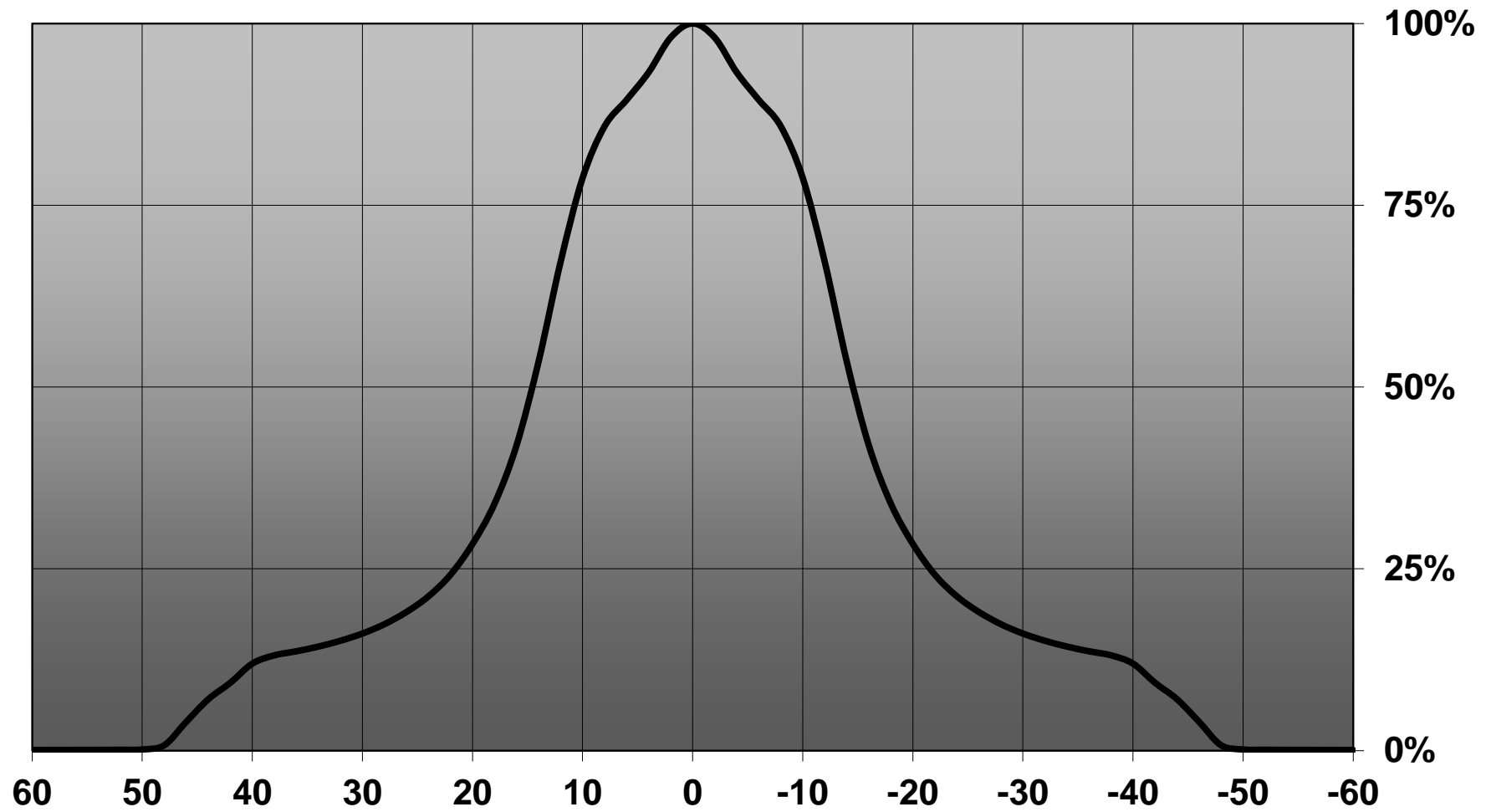
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
MT-G2	36 deg	Wide	92 %	-	-
MT-G	36 deg	Wide	92 %	-	-
XHP70	32 deg	Wide	89 %	1.800	-
MHD-E/G	22 deg	Wide	82 %	2.100	-
LUXEON M/MX	29 deg	Wide	92 %	2.065	-
LUXEON MZ	25 deg	Wide	87 %	2.600	-
LUXEON 5258	sim: 28	Wide	sim: 92 %	sim: 2.800	-
NSMx286M	36 deg	Wide	89 %	1.710	-

# Relative intensity of Minnie-W-MTG



Relative intensity of C11862\_MINNIE-W (Luxeon M)



D

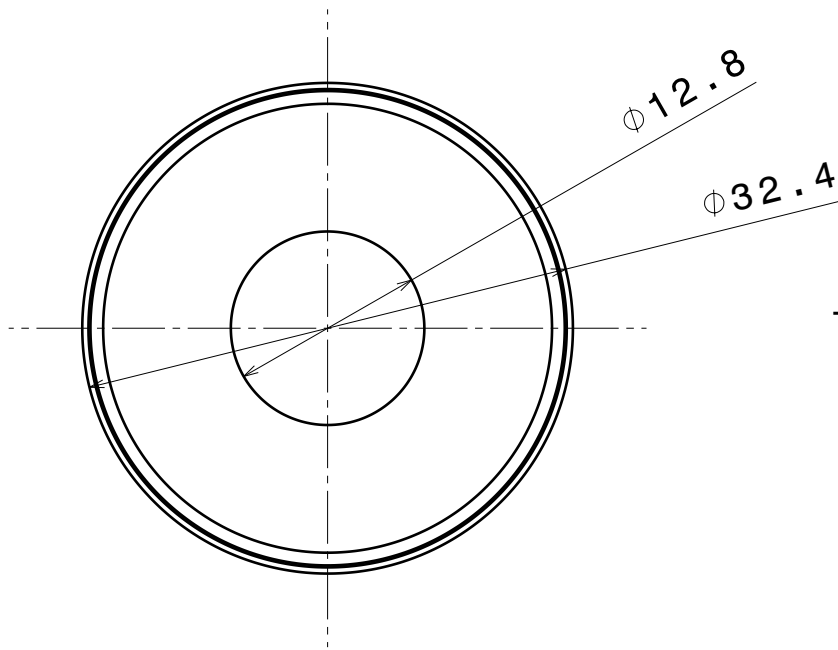
C

B

A

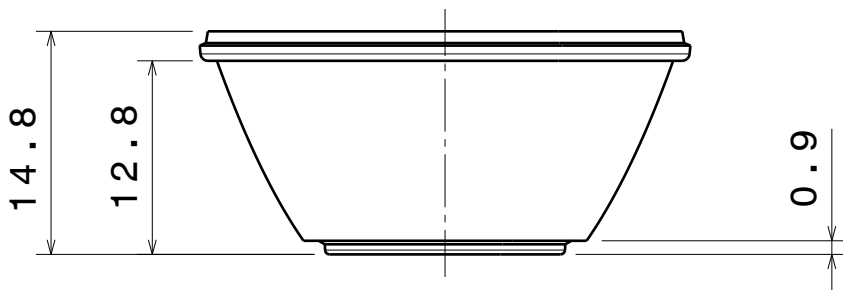
4

4



3

3



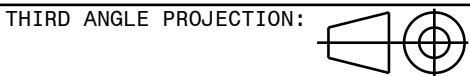
2

2

Version without holder,  
correct mounting height from the PCB 1,0 mm

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



DRAWING TITLE  
**Datasheet Minnie**

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of LEDiL Oy. It may not be  
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SIZE	PART NUMBER		
A4	-		
SCALE	2:1	WEIGHT	(g)
		SHEET	1/1

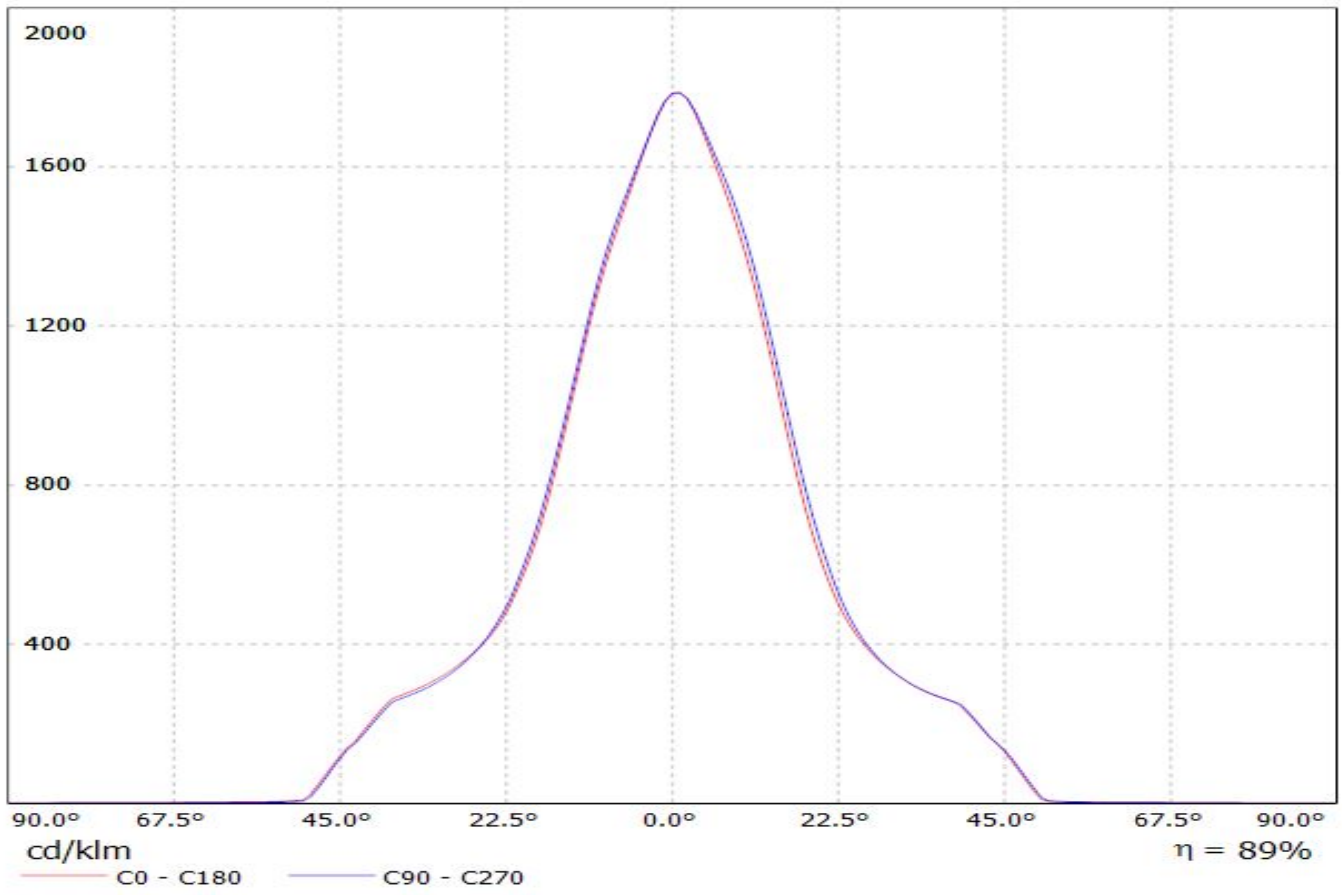
1

1

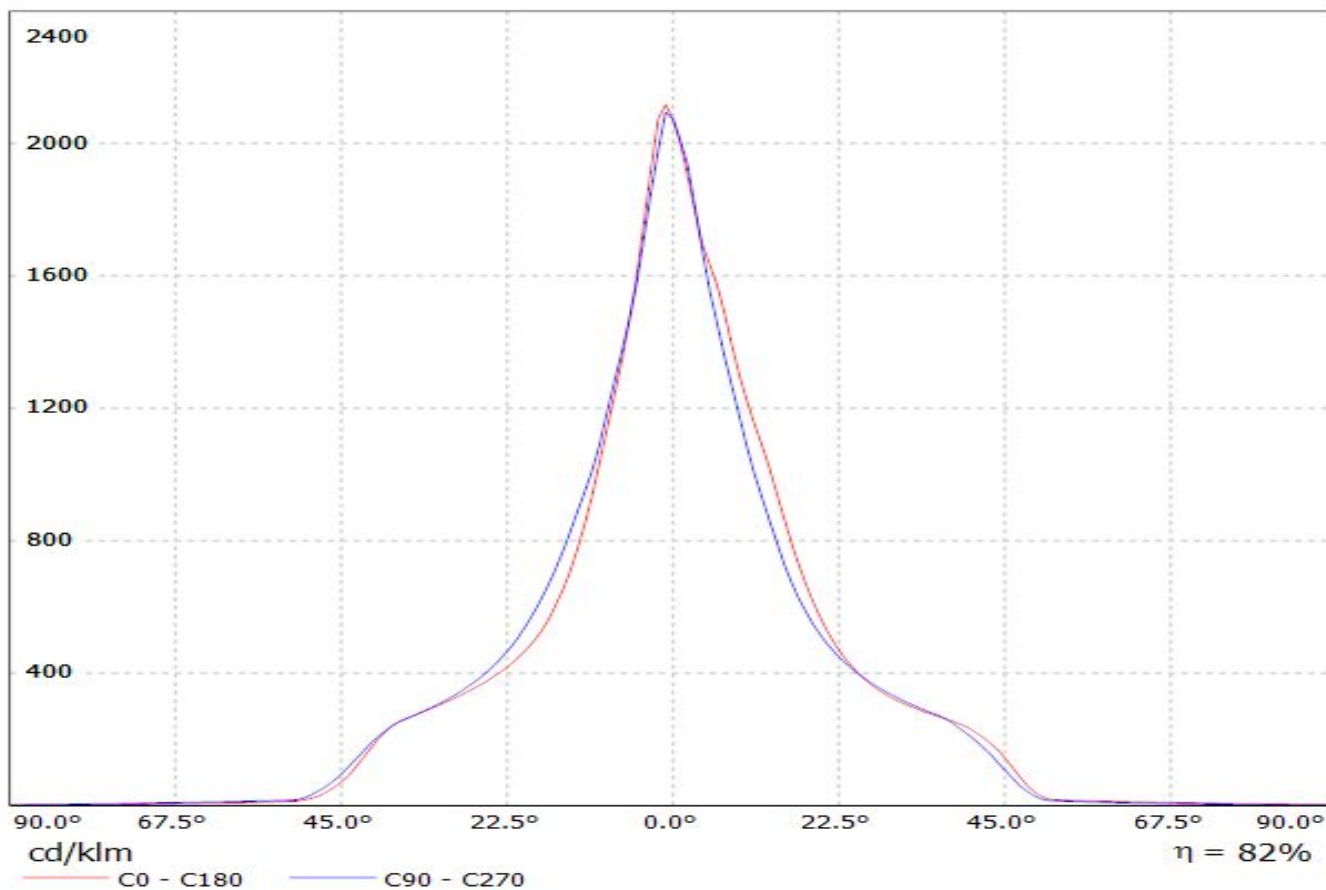
D

A

Luminaire: LEDiL Oy C11862\_MINNIE-W\_(Cree\_XHP70)  
Lamps: 1 x Cree\_XHP70\_261.339lm@250mA\_P=1.3827W\_I=0.2499A

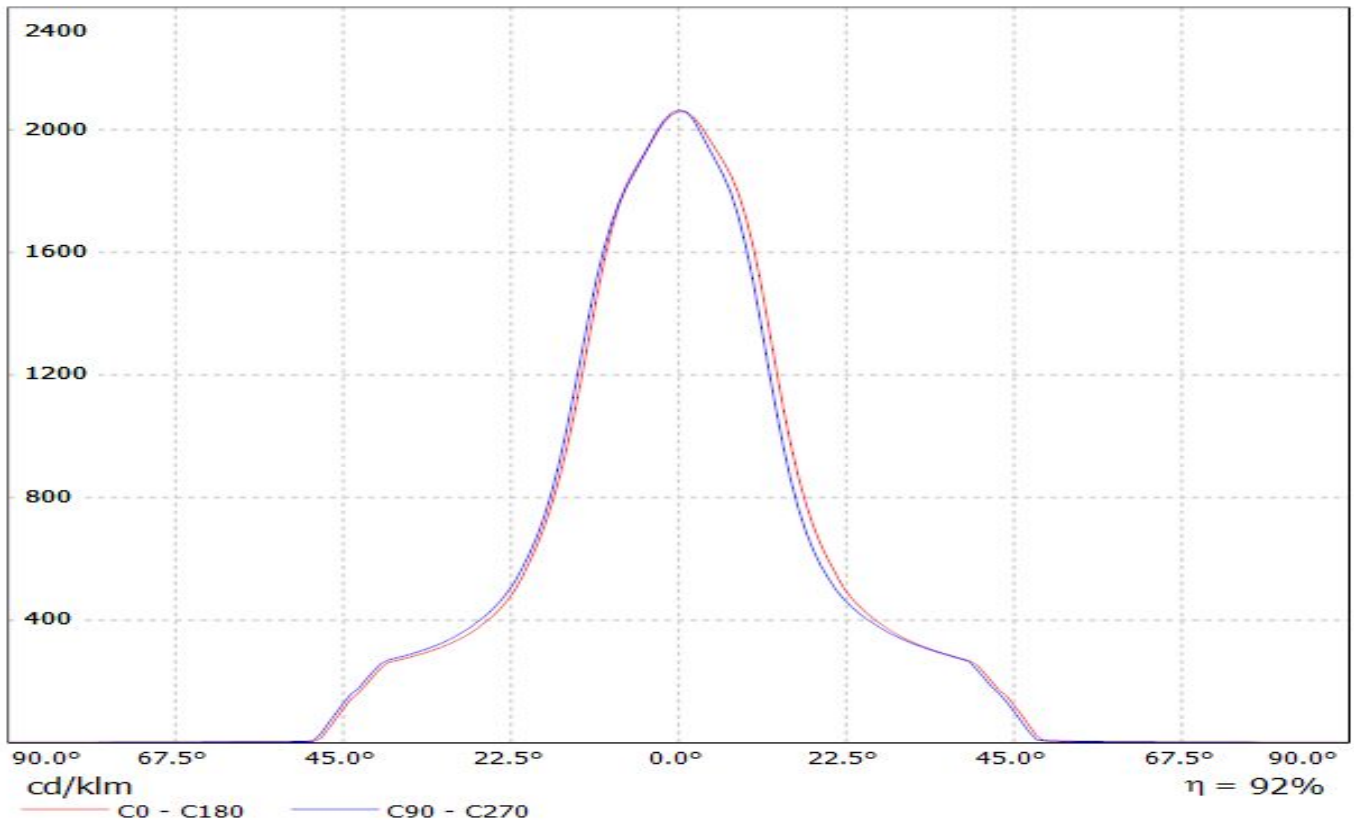


Luminaire: Ledil C11862\_MINNIE-W\_(MHD-G)  
Lamps: 1 x MHD-G\_528.91lm@100mA\_P=3.0W\_I=0.100A

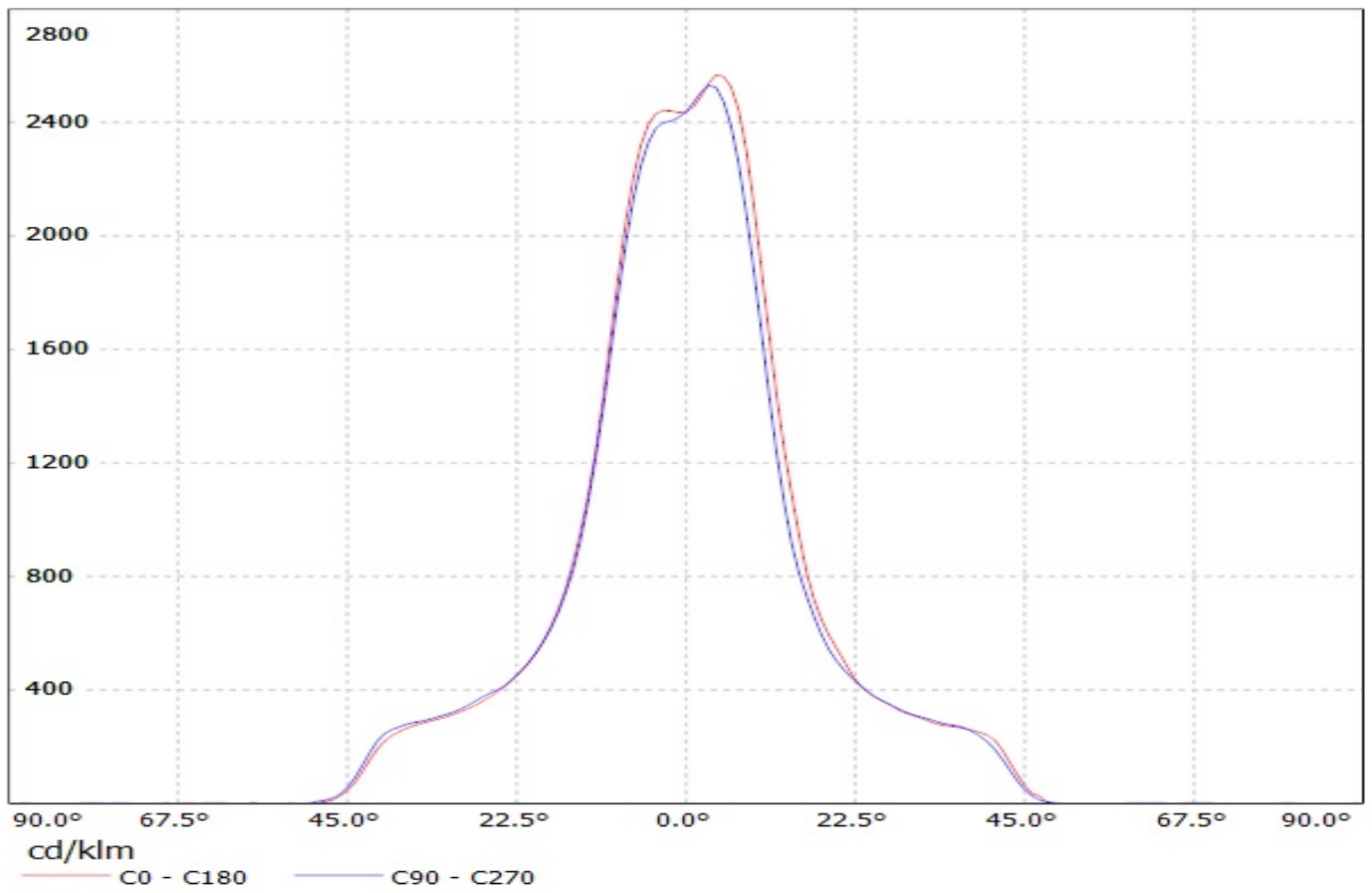


**LEDIL OY C11862\_MINNIE-W\_(LUXEON-M) 91.9% / LDC (Linear)**

Luminaire: LEDIL OY C11862\_MINNIE-W\_(LUXEON-M) 91.9%  
Lamps: 1 x LUXEON-M

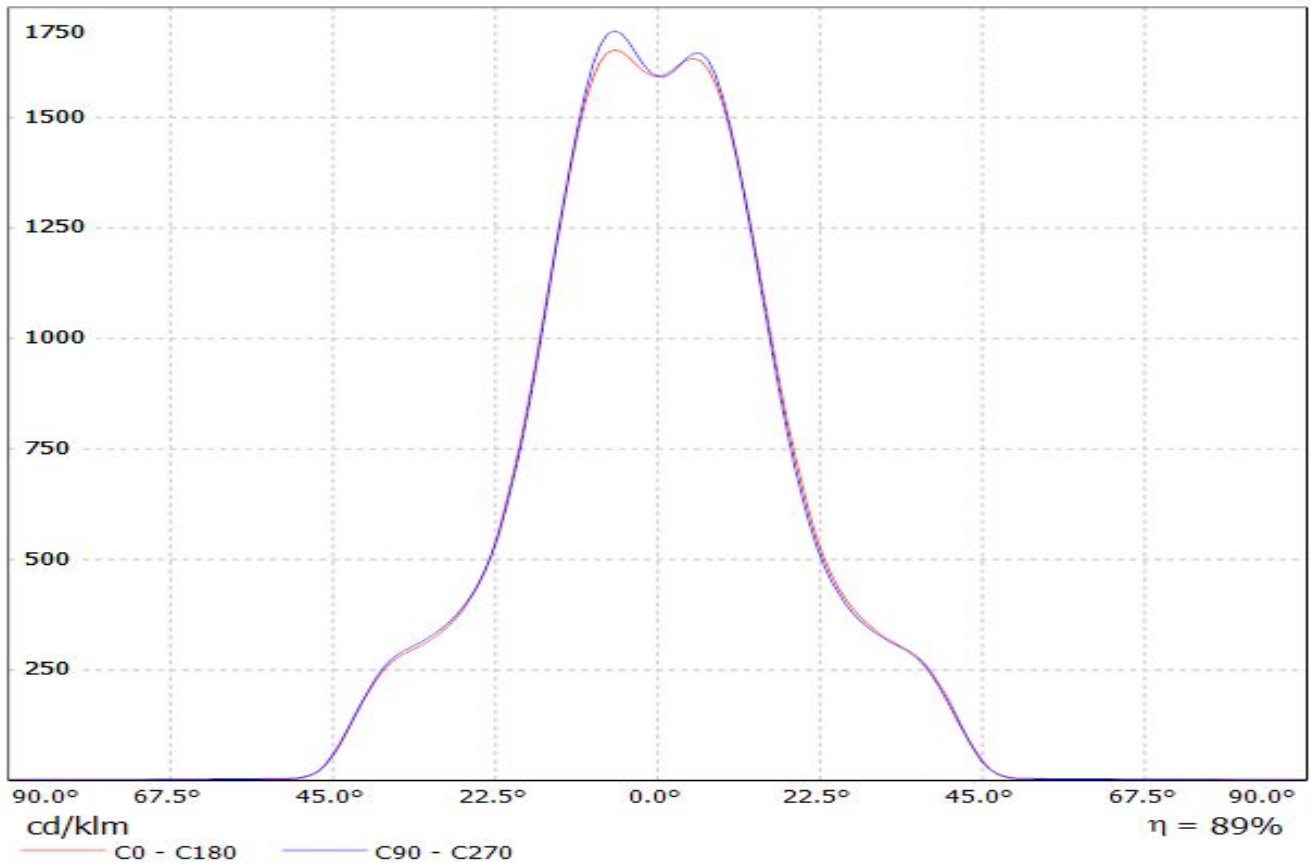


Luminaire: LEDil Oy C11862\_MINNIE-W\_(Luxeon\_MZ) Efficiency=87%  
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA

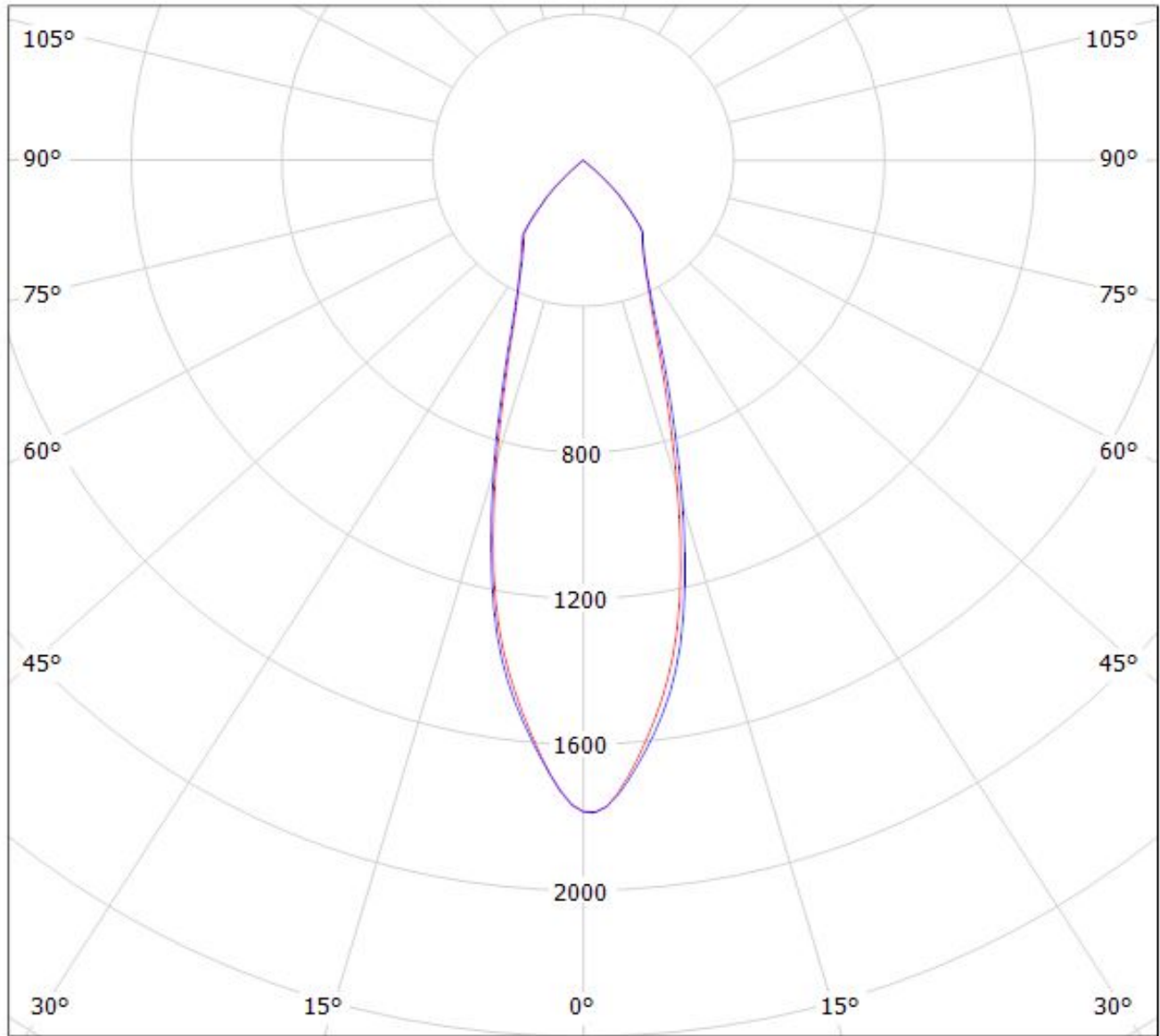




Luminaire: LEDiL Oy C11862\_MINNIE-W\_(NSMx286M) Eff.89.2%  
Lamps: 1 x NICHIA NSMx286M (NSML286ME) 335.256lm@100mA CCT=3000K P=3.39527W I=99.3mA



Luminaire: LEDiL Oy C11862\_MINNIE-W\_(Cree\_XHP70)  
Lamps: 1 x Cree\_XHP70\_261.339lm@250mA\_P=1.3827W\_I=0.2499A

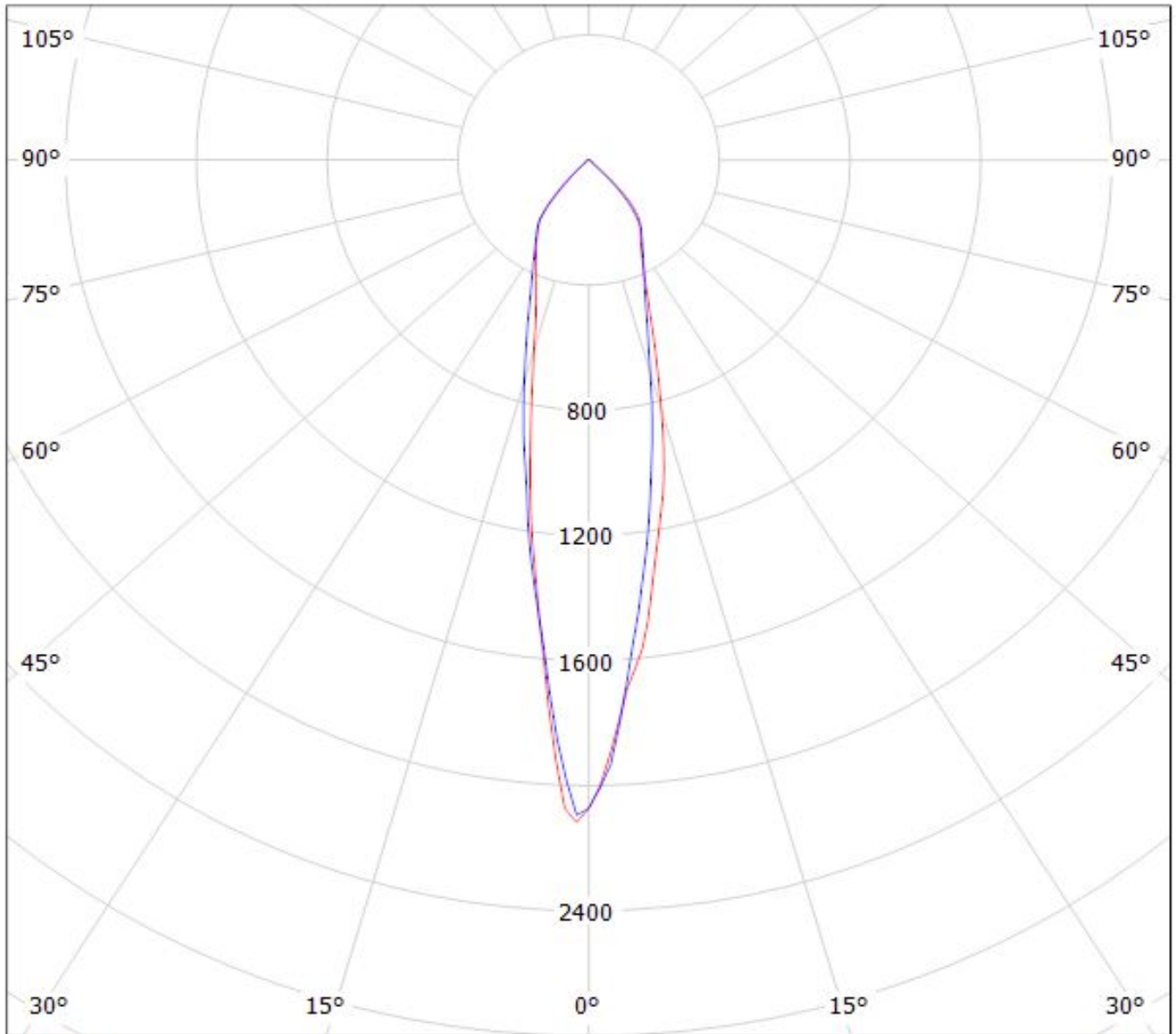


cd/klm

$\eta = 89\%$

— C0 - C180    — C90 - C270

Luminaire: Ledil C11862\_MINNIE-W\_(MHD-G)  
Lamps: 1 x MHD-G\_528.91lm@100mA\_P=3.0W\_I=0.100A



cd/klm

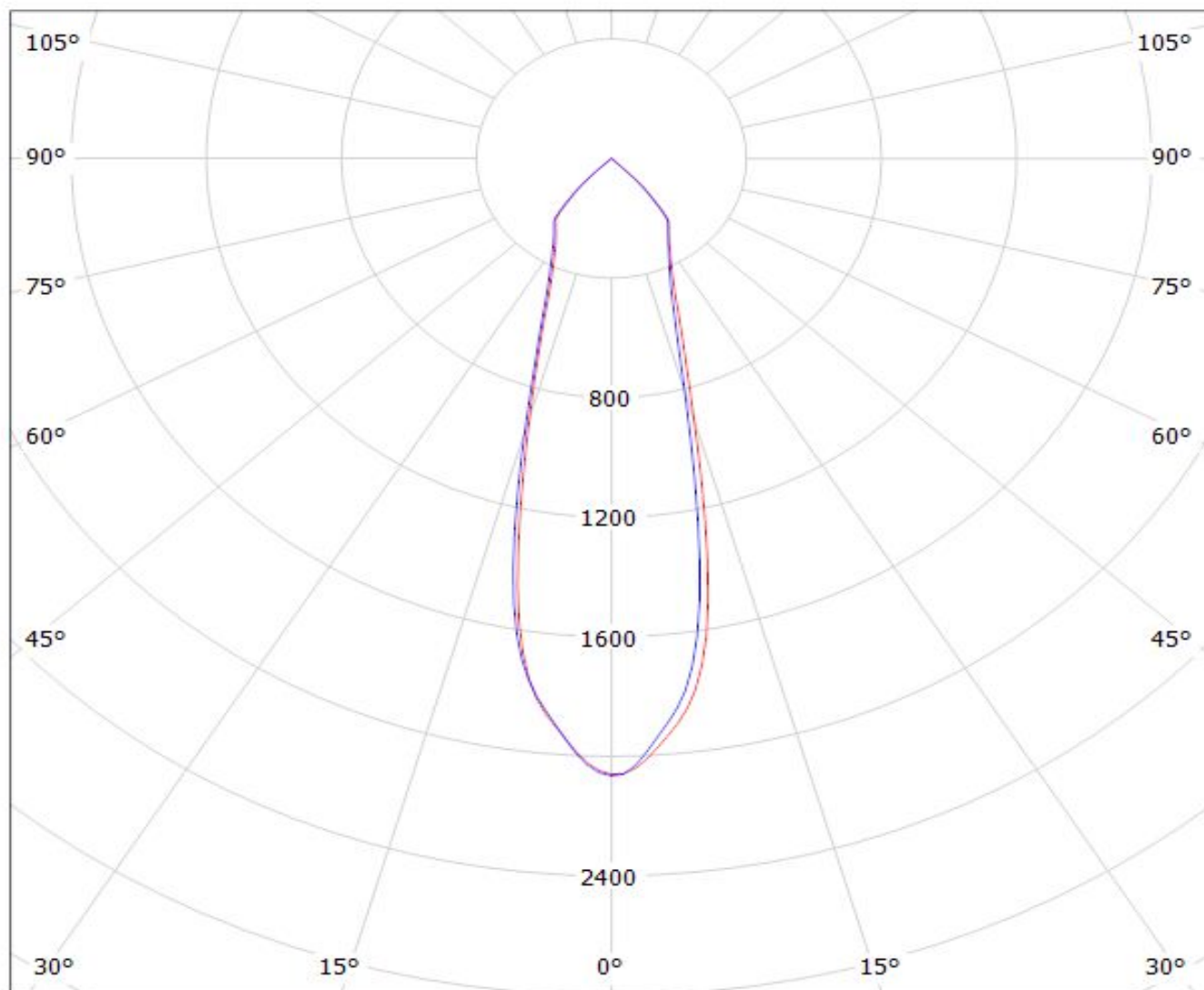
— C0 - C180    — C90 - C270

$\eta = 82\%$

# LEDIL OY C11862\_MINNIE-W\_(LUXEON-M) 91.9% / LDC (Polar)

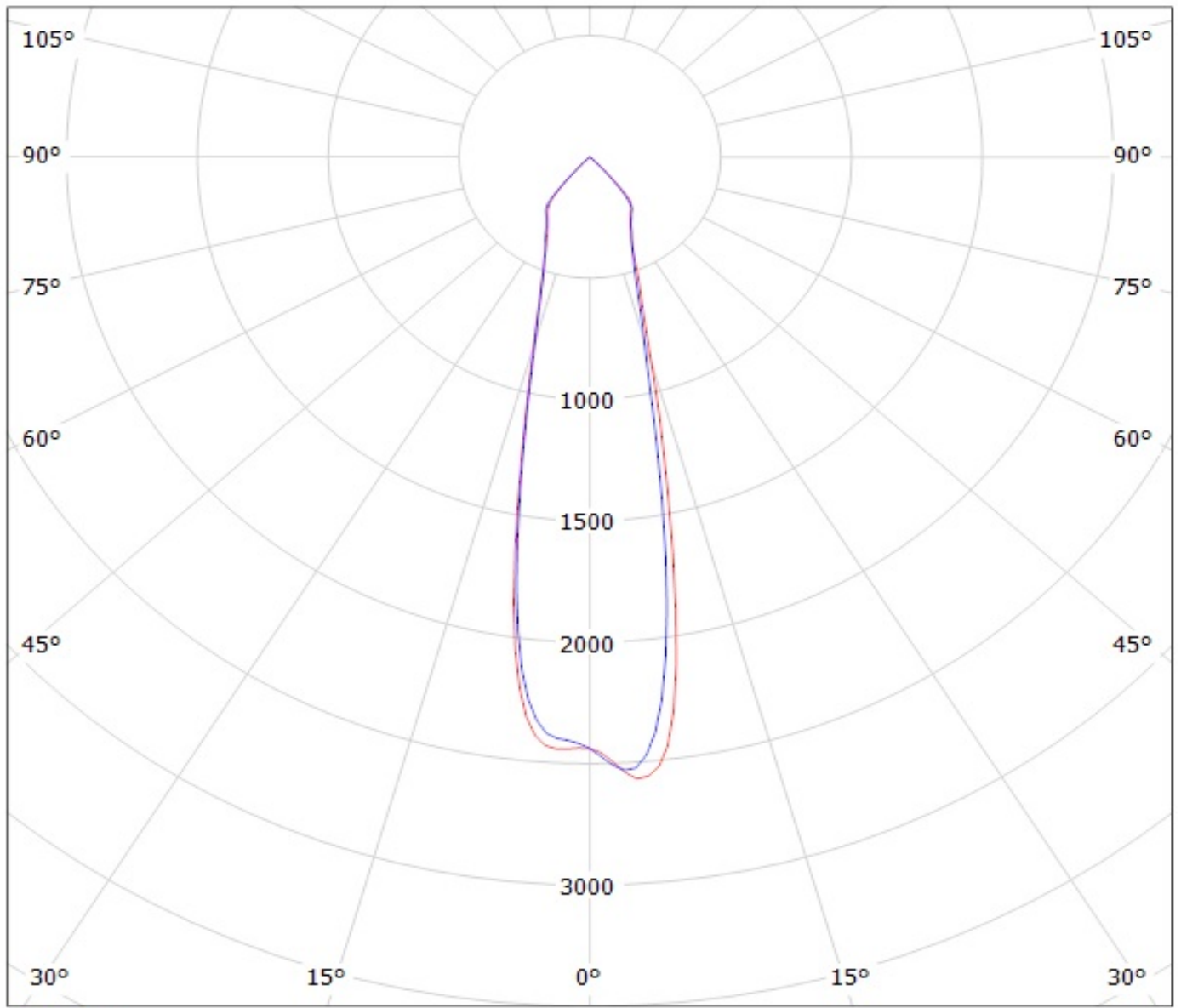
Luminaire: LEDIL OY C11862\_MINNIE-W\_(LUXEON-M) 91.9%

Lamps: 1 x LUXEON-M



— C0 - C180 — C90 - C270

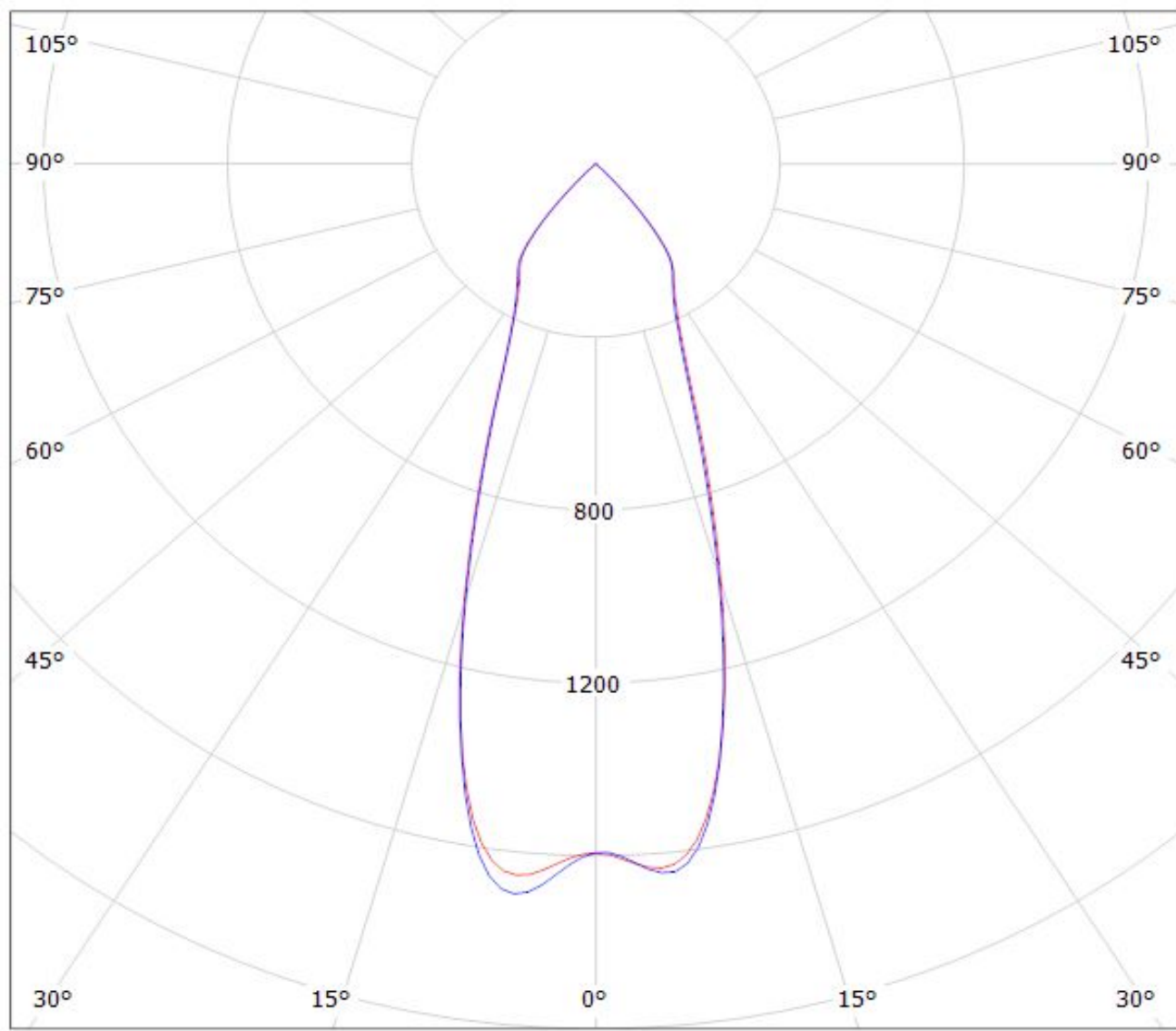
Luminaire: LEDil Oy C11862\_MINNIE-W\_(Luxeon\_MZ) Efficiency=87%  
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



cd/klm  
— C0 - C180    — C90 - C270

Luminaire: LEDiL Oy C11862\_MINNIE-W\_(NSMx286M) Eff.89.2%

Lamps: 1 x NICHIA NSMx286M (NSML286ME) 335.256lm@100mA CCT=3000K P=3.39527W I=99.3mA



cd/klm

$\eta = 89\%$

— 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.**