

DETAILS

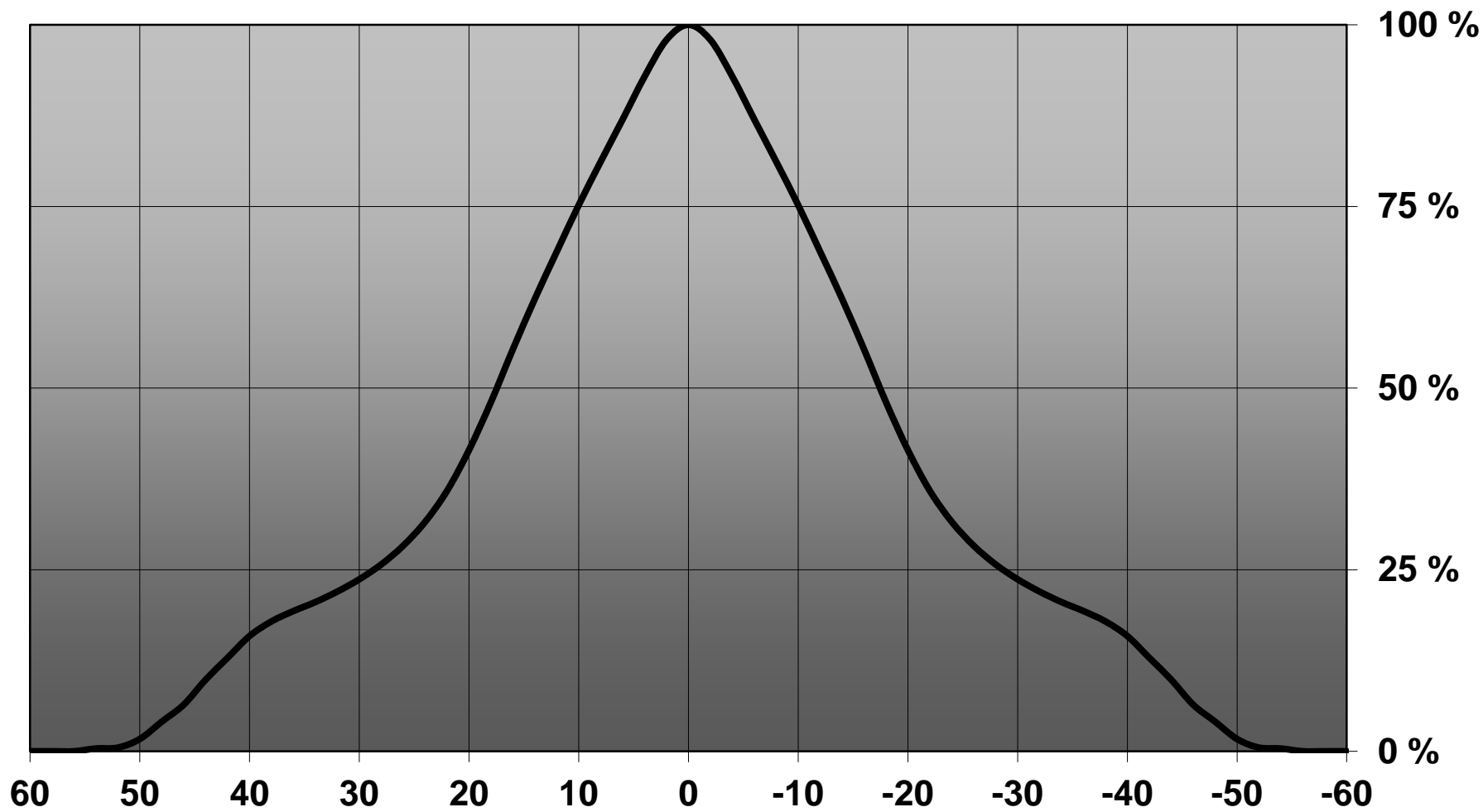
Product Number	C11862_MINNIE-W
Family	Minnie
Type	Reflector
Color	metal
Diameter	32,4 mm
Height	14,75 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	25/06/2014



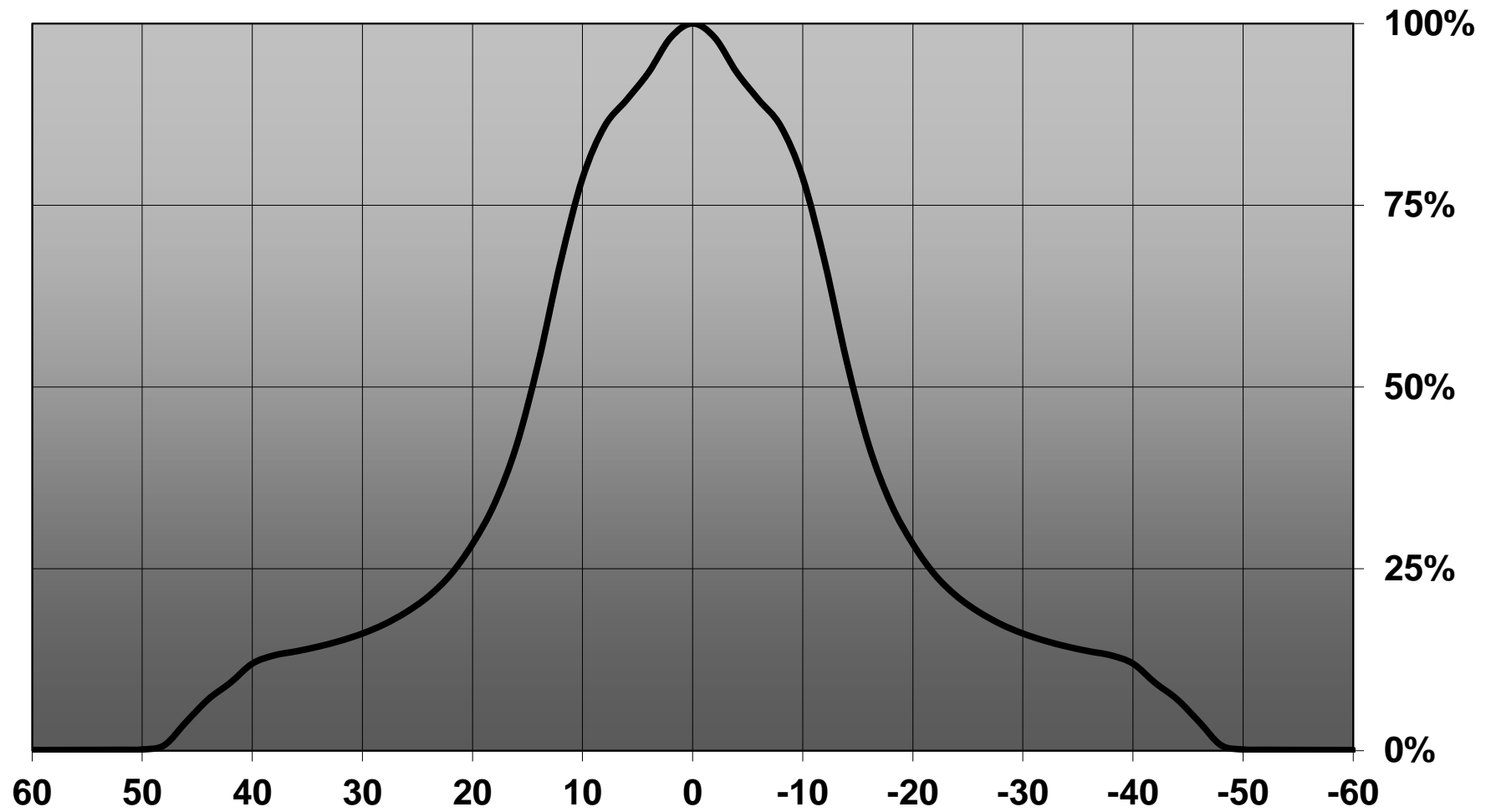
OPTICAL PROPERTIES

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

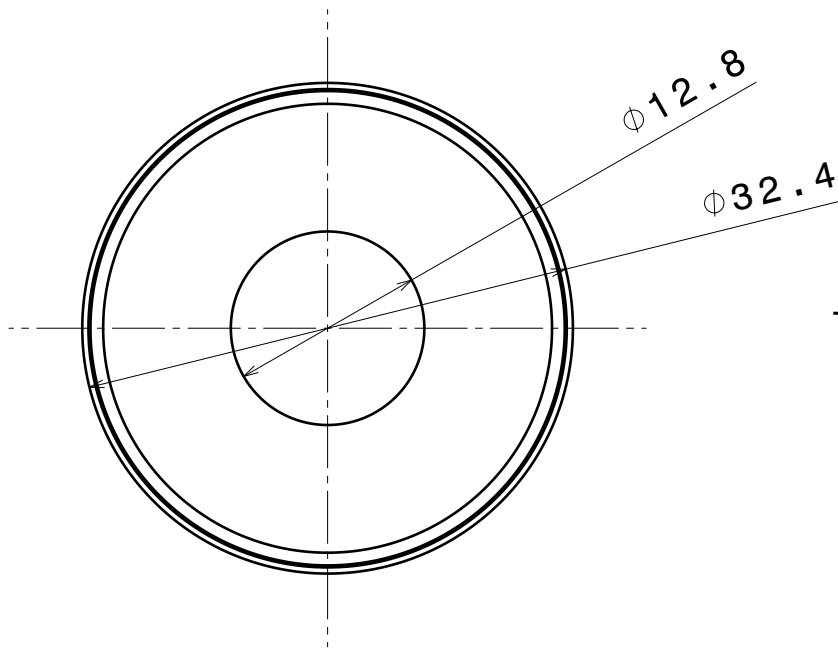
C

B

A

4

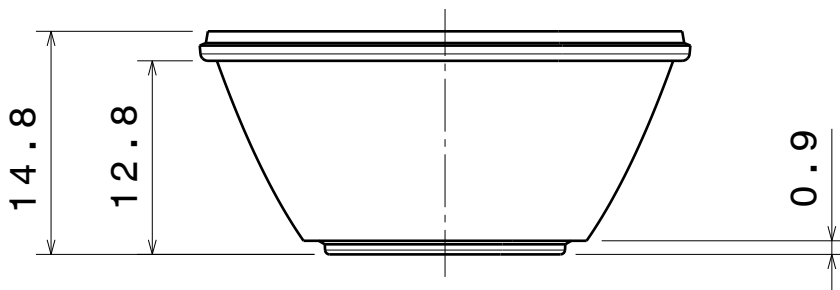
4



Top view

3

3



Front view

2

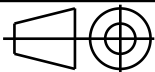
2

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

THIRD ANGLE PROJECTION:



DRAWING TITLE

Datasheet Minnie

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SIZE PART NUMBER

A4

-

SCALE 2:1 WEIGHT (g)

SHEET 1/1

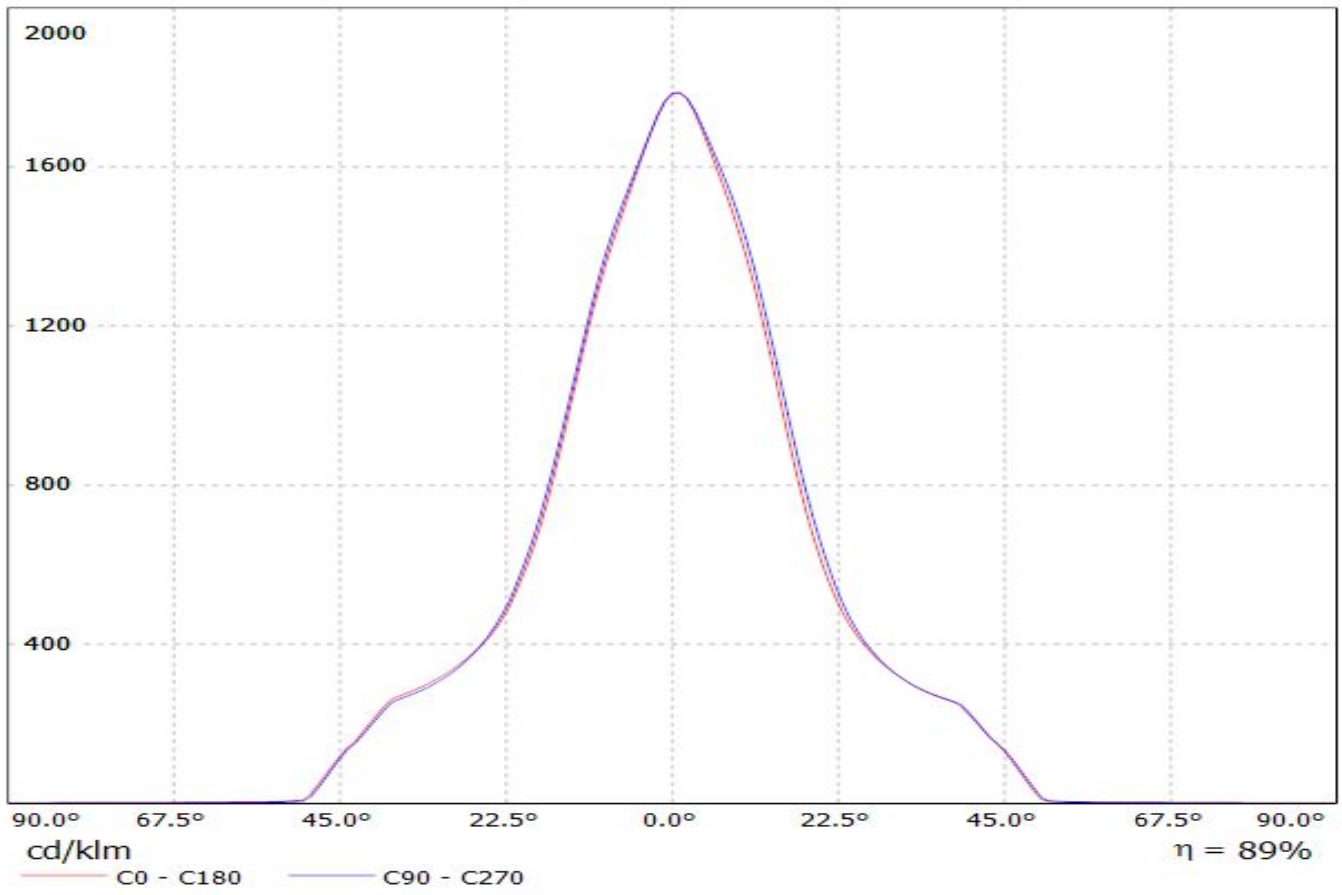
D

A

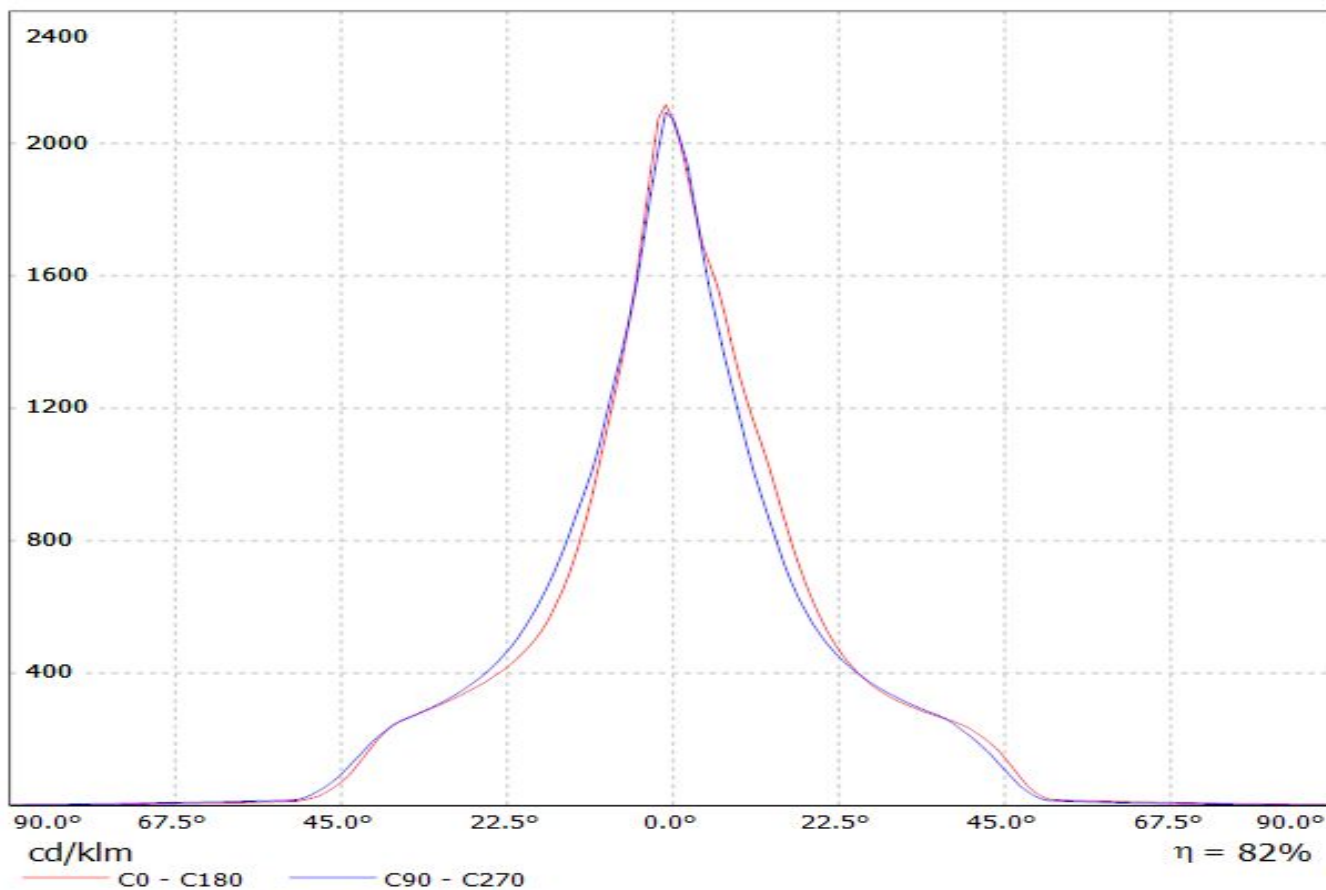
1

1

Luminaire: LEDiL Oy C11862_MINNIE-W_(Cree_XHP70)
Lamps: 1 x Cree_XHP70_261.339lm@250mA_P=1.3827W_I=0.2499A

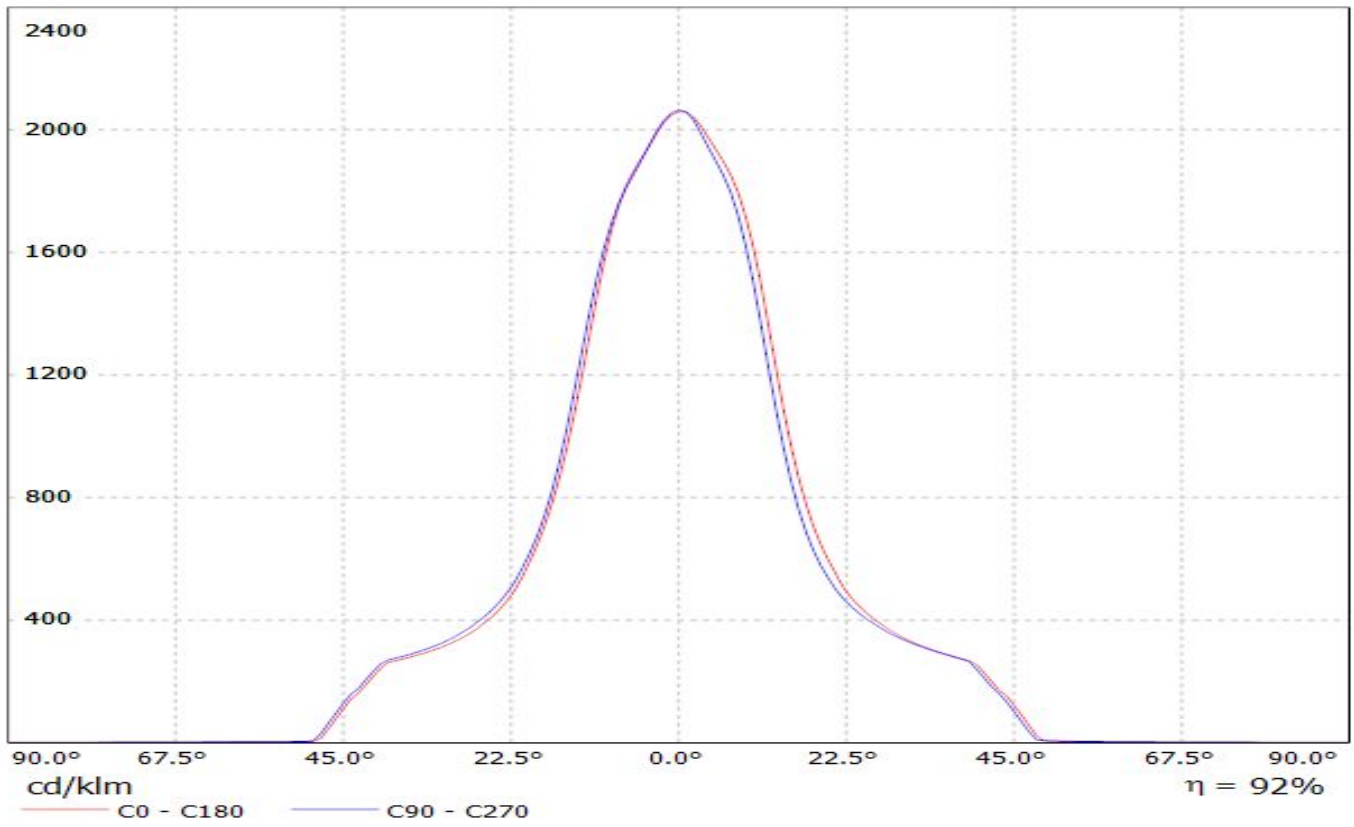


Luminaire: Ledil C11862_MINNIE-W_(MHD-G)
Lamps: 1 x MHD-G_528.91lm@100mA_P=3.0W_I=0.100A

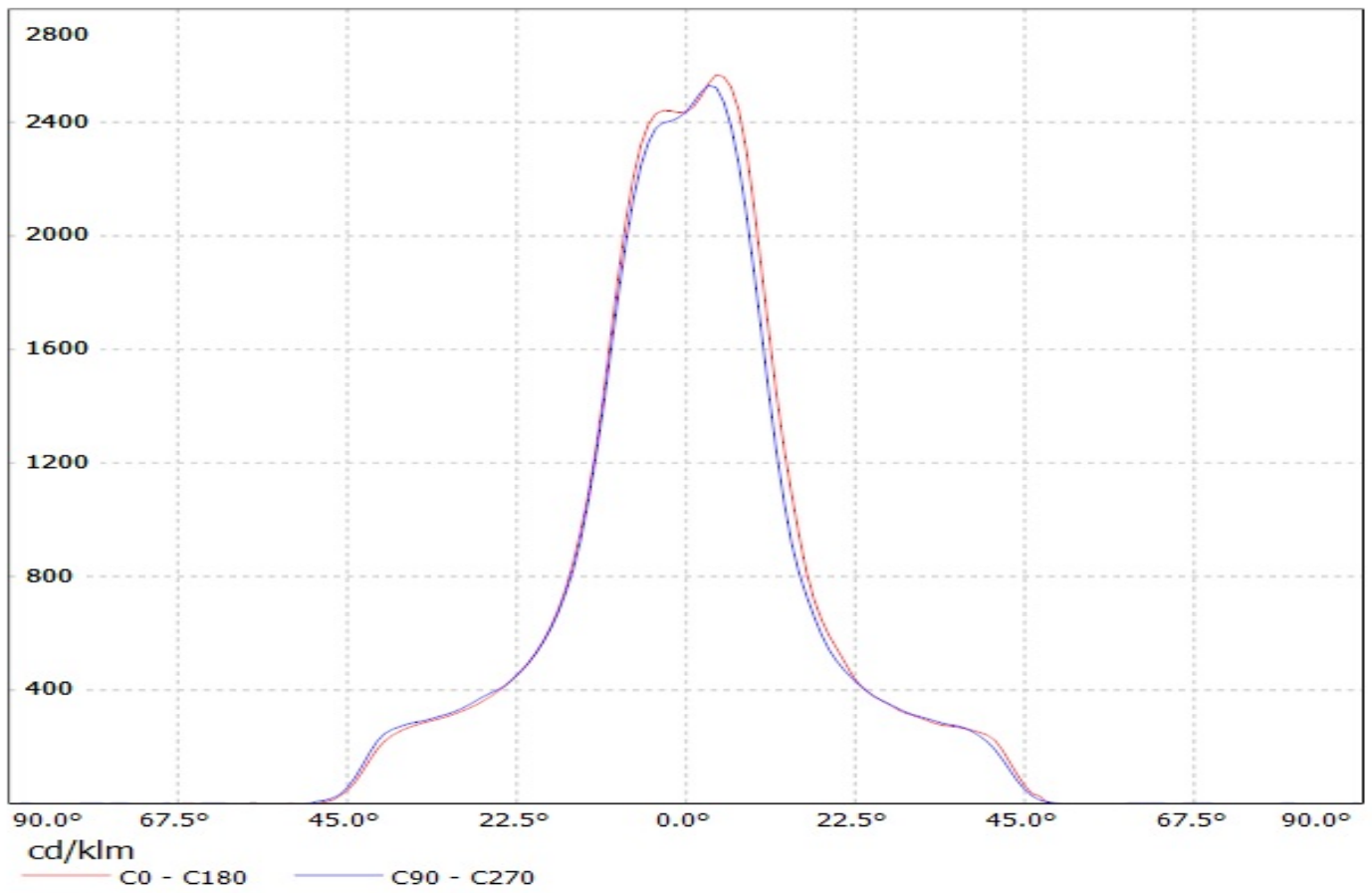


LEDIL OY C11862_MINNIE-W_(LUXEON-M) 91.9% / LDC (Linear)

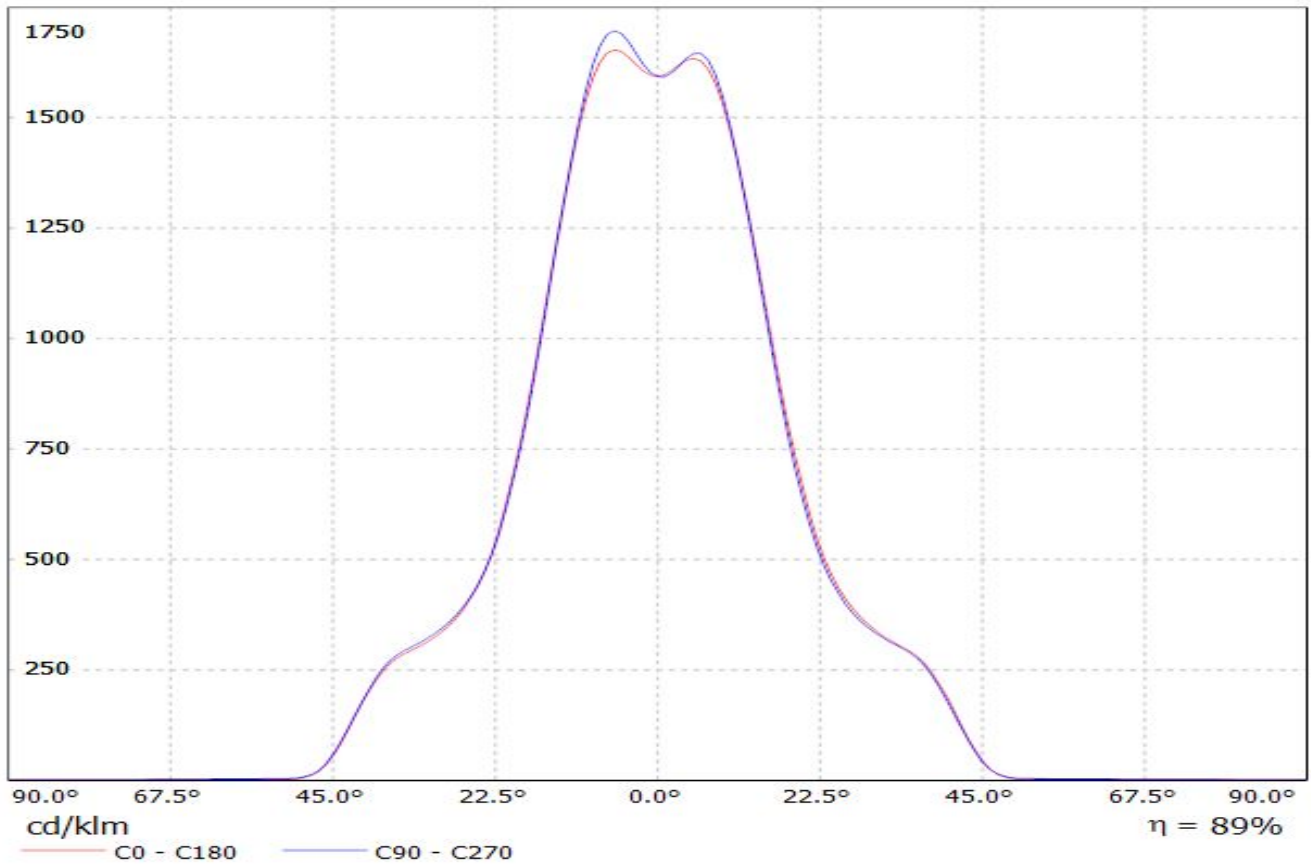
Luminaire: LEDIL OY C11862_MINNIE-W_(LUXEON-M) 91.9%
Lamps: 1 x LUXEON-M



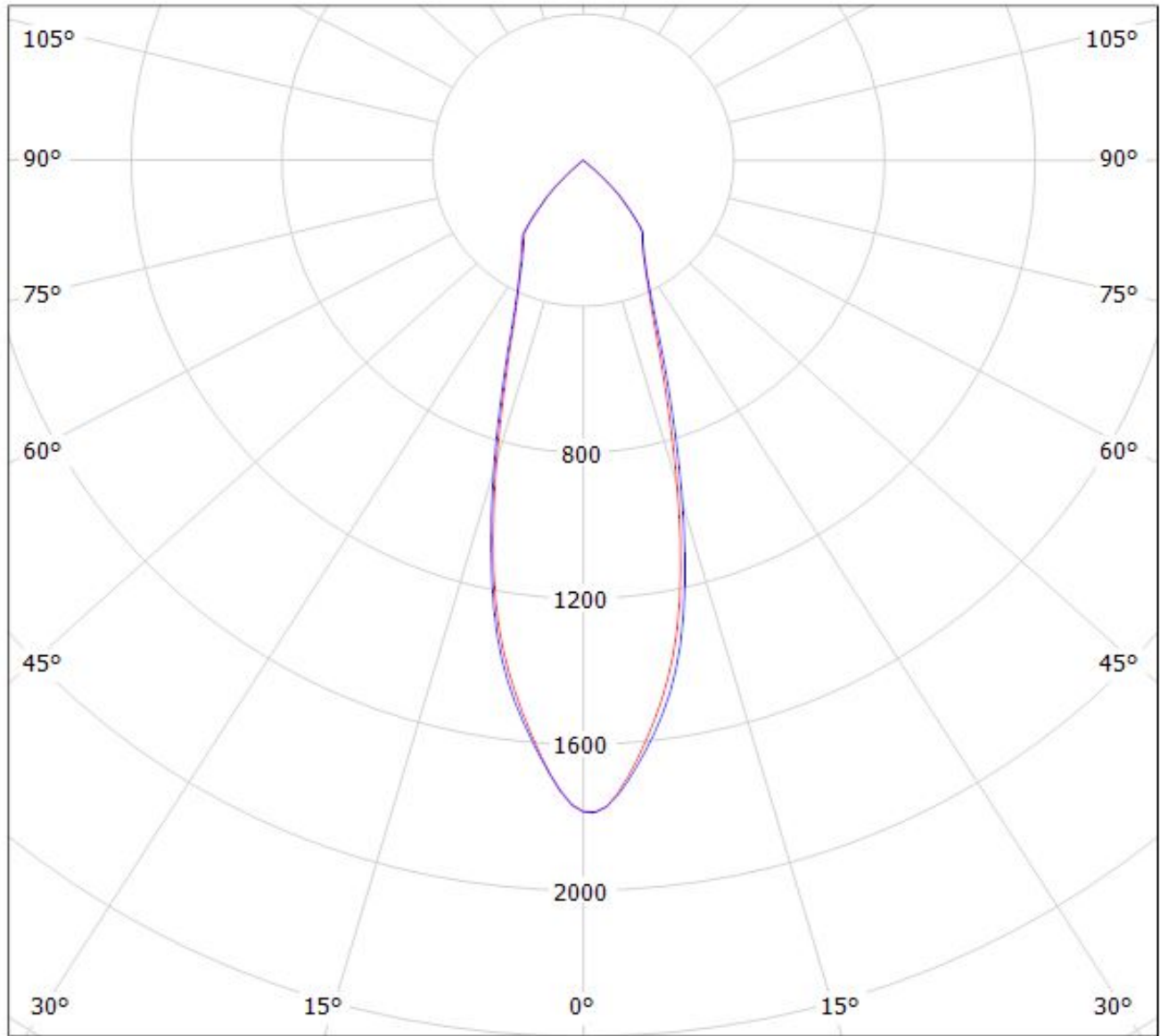
Luminaire: LEDil Oy C11862_MINNIE-W_(Luxeon_MZ) Efficiency=87%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



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

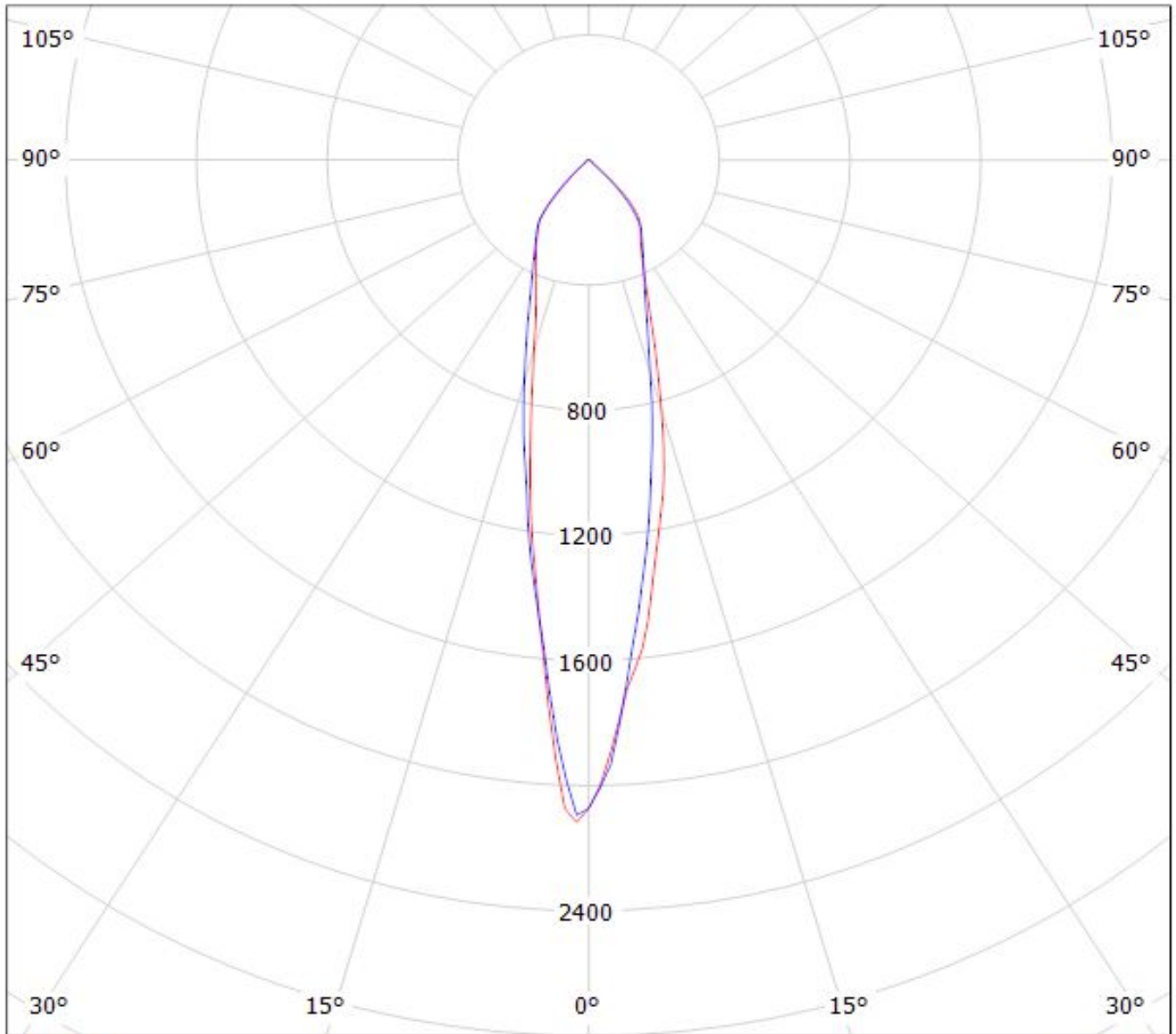


cd/klm

$\eta = 89\%$

— 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

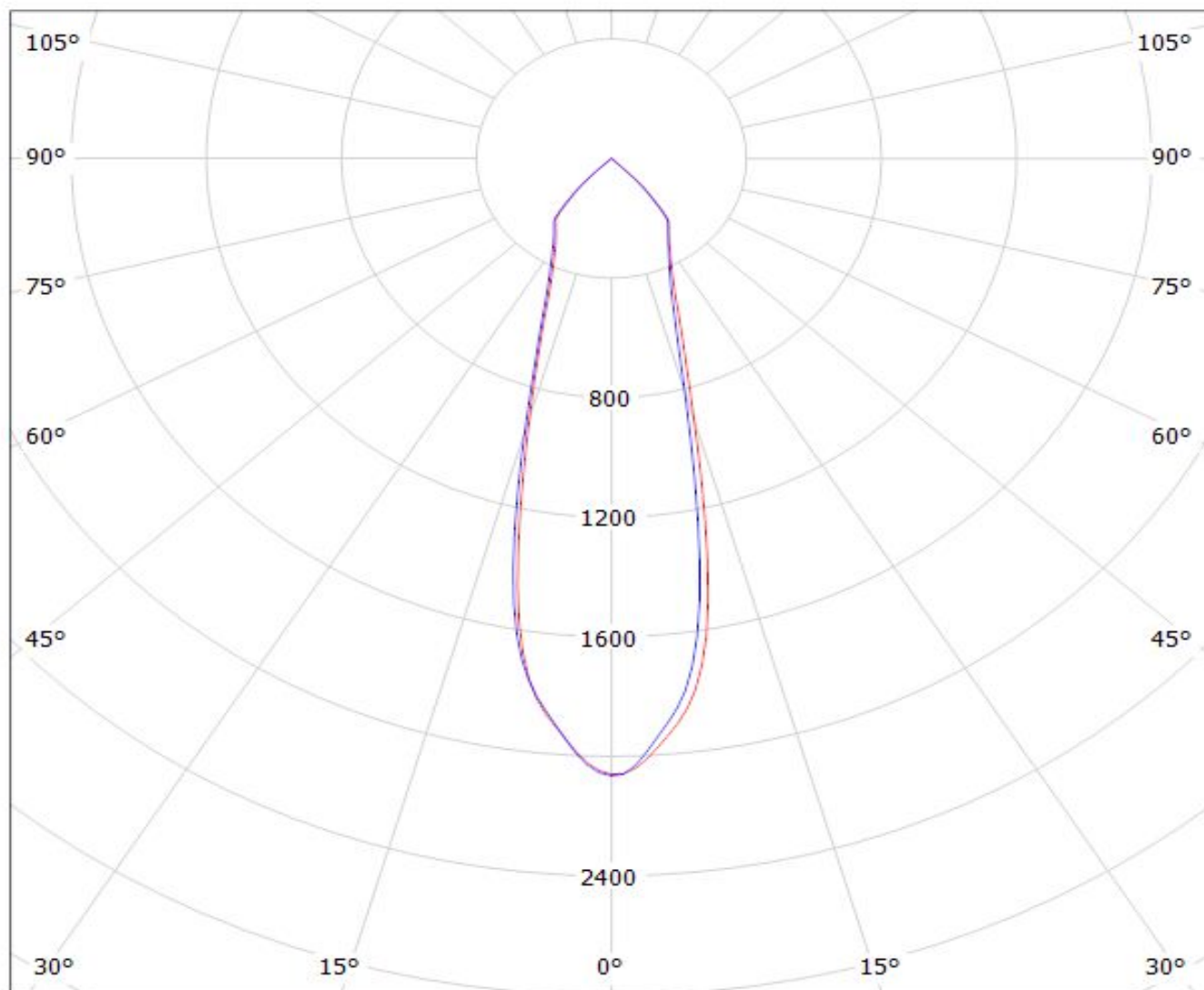
— C90 - C270

$\eta = 82\%$

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



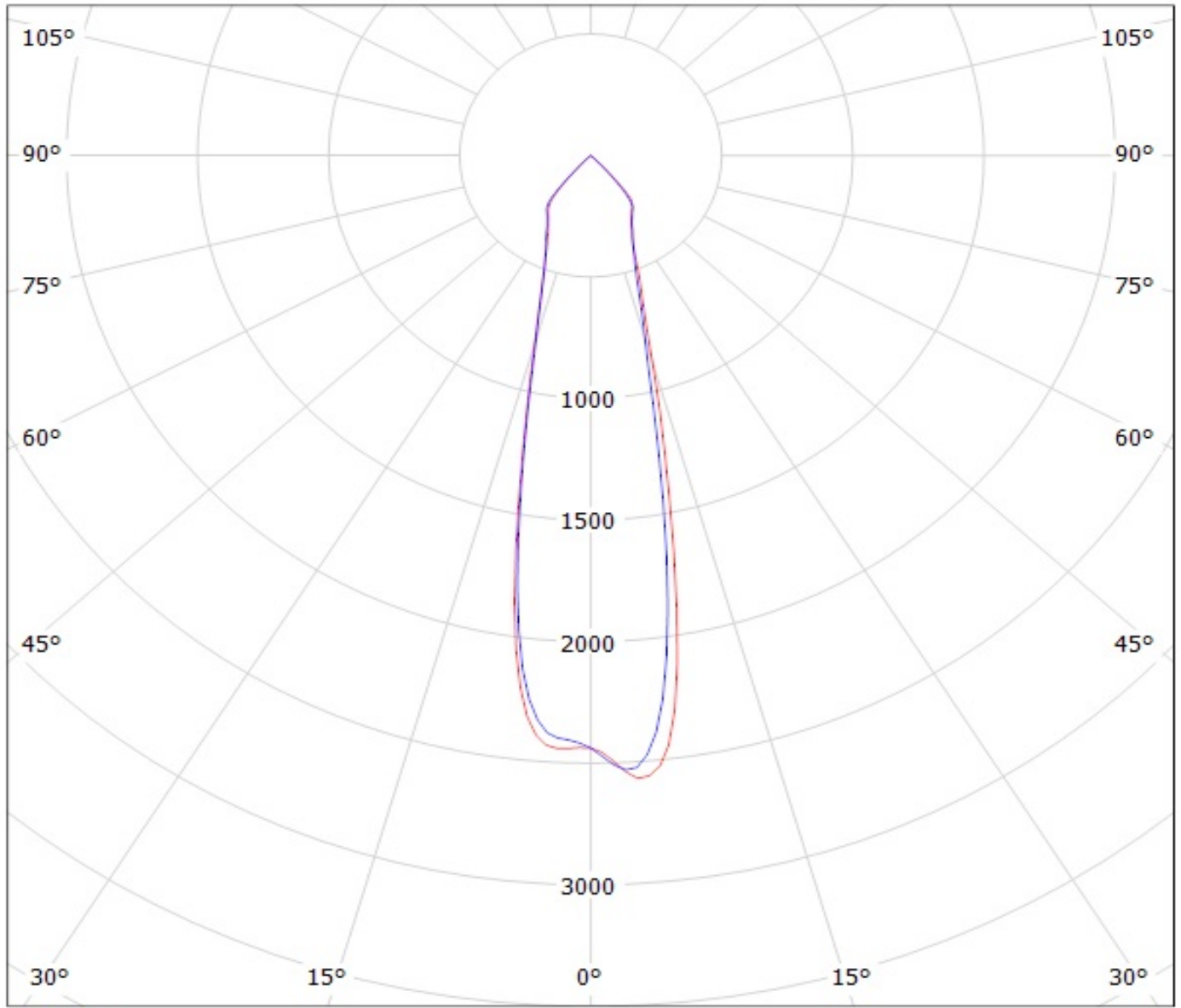
cd/klm

$\eta = 92\%$

— 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

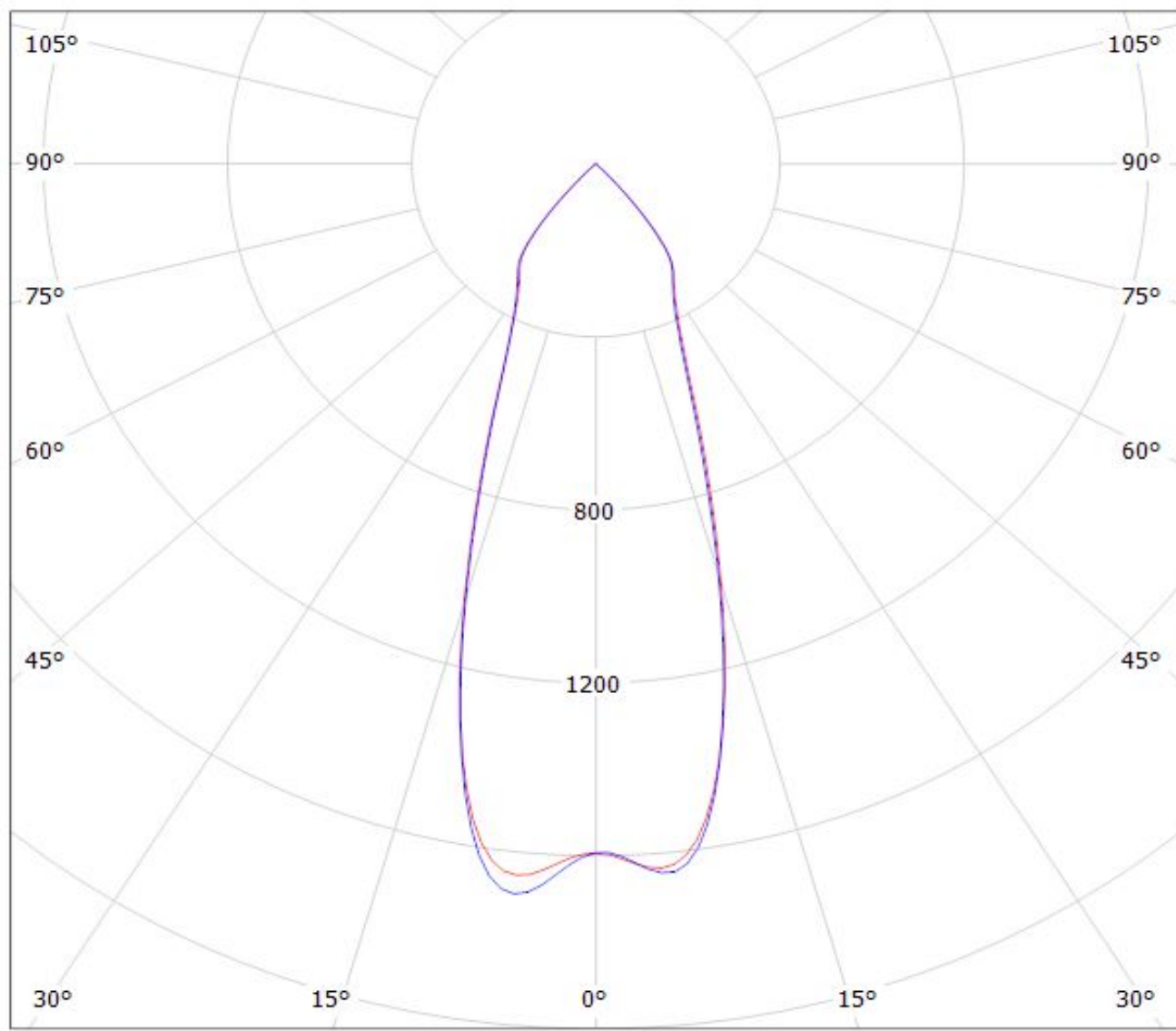


cd/klm

— 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.