

DETAILS

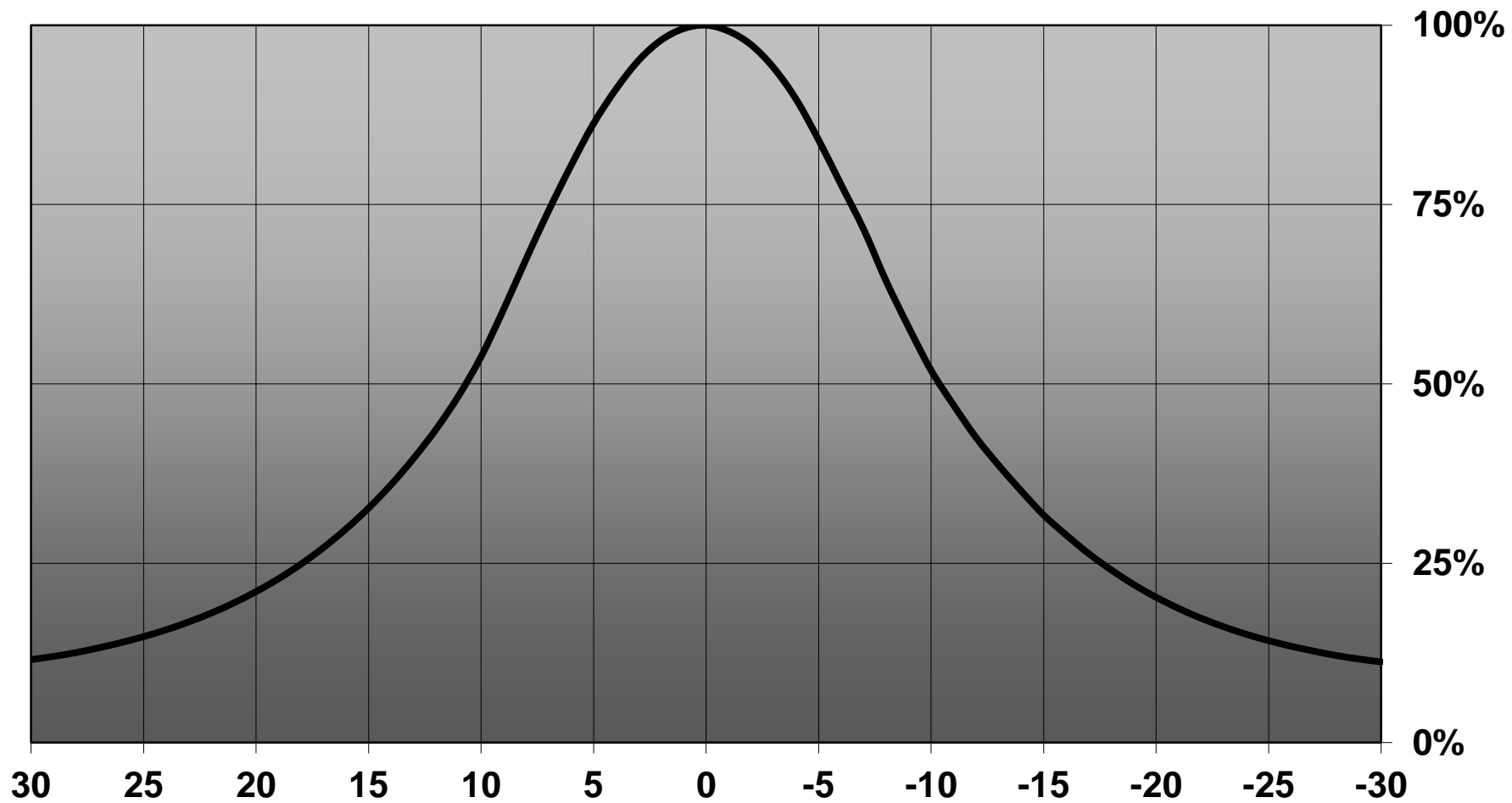
Product Number	CA12881_MINNIE-M
Family	Minnie
Type	RefAssy
Color	black
Diameter	35 mm
Height	15,8 mm
Style	round
Optic Material	
Holder Material	
Fastening	tape
Status	production ready
ROHS Compliant	Yes
Date Updated	4/02/2013

OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
MK-R	18 deg	Medium	89 %	3.600	-
XHP70	23 deg	Medium	88 %	2.500	-
MHD-E/G	23 deg	Medium	92 %	2.500	-
LUXEON M/MMX	21 deg	Medium	90 %	3.000	-
Duris S10	21 deg	Medium	88 %	3.100	-
Duris P10	sim: 18	Medium	sim: 92 %	sim: 1.000	-



Relative intensity of CA12881_MINNIE-M_(Duris_S10)



D

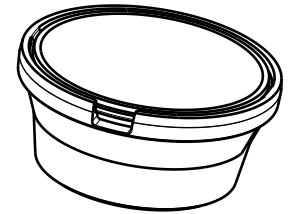
C

B

A

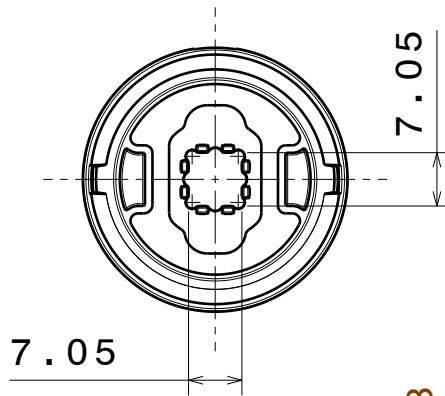
4

4

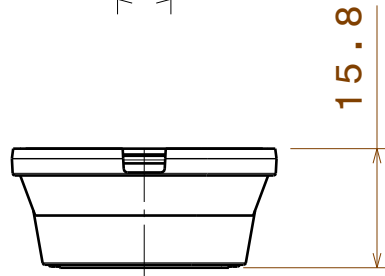


Isometric view

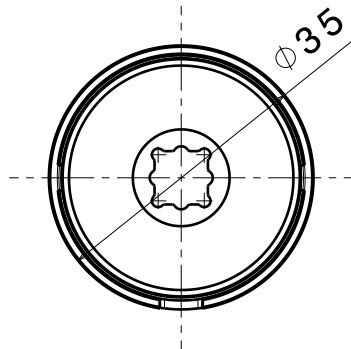
Bottom view



Front view



Top view



3

3

2

2

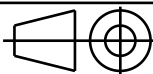
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	MINNIE_LUXEON-M_ASSEMBLY	Ref1 and holder PC, Tape PU foam	

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

MINNIE_LUXEON-M_ASSEMBLY

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SIZE PART NUMBER

A4

-

SCALE 1:1 WEIGHT

-

SHEET 1/1

D

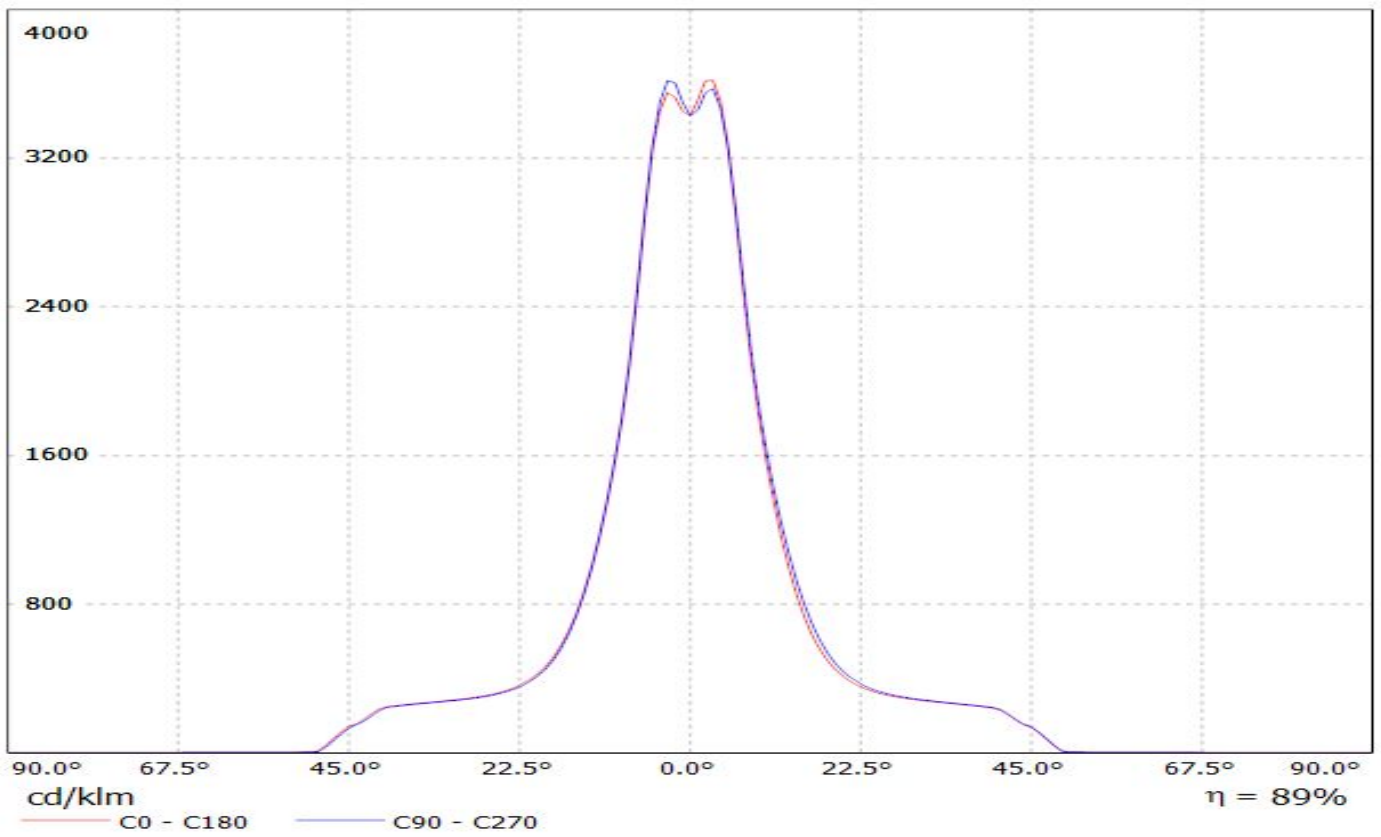
A

1

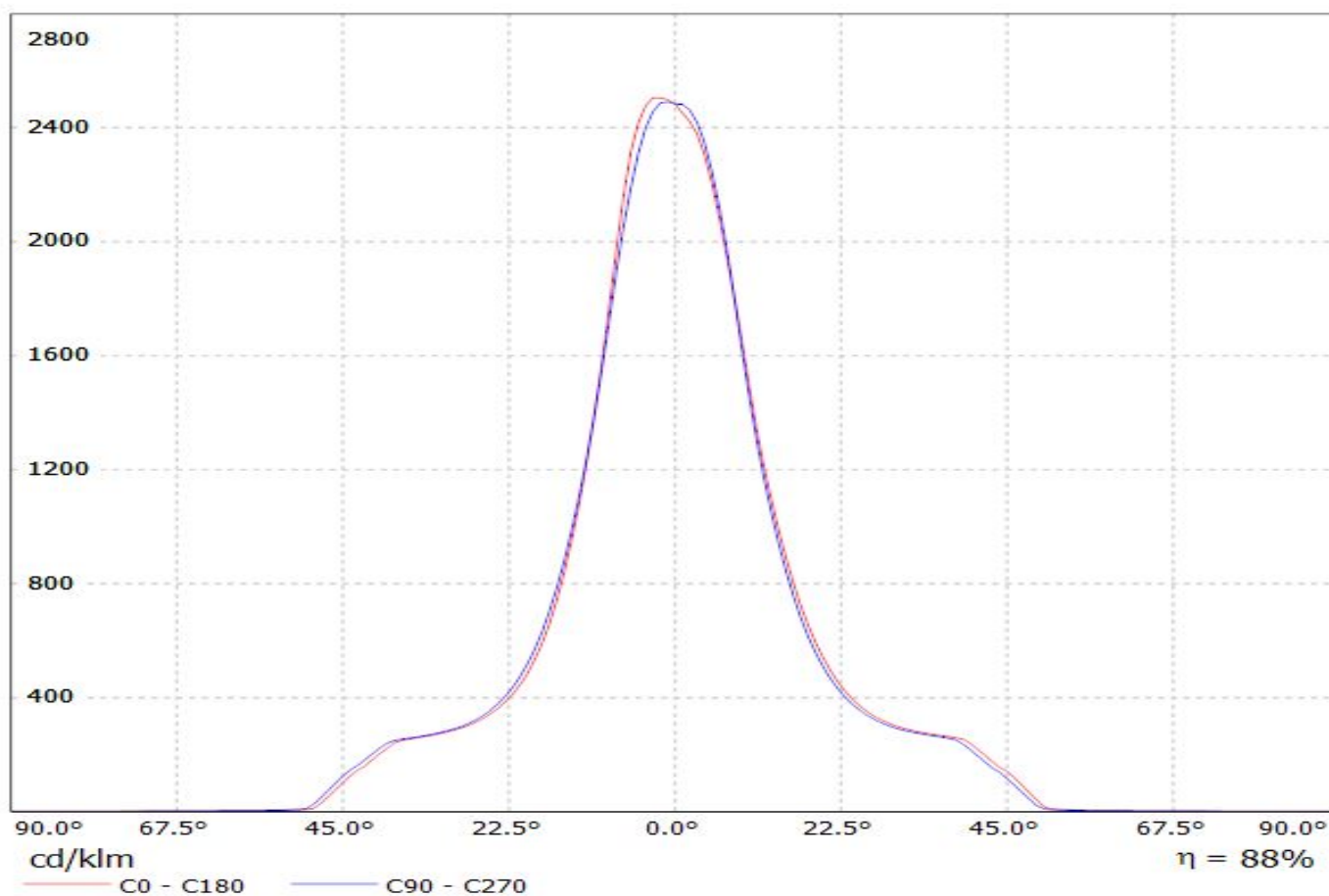
1

LEDiL Oy CA12881_MINNIE-M_(MKR) Eff.89.3% / LDC (Linear)

Luminaire: LEDiL Oy CA12881_MINNIE-M_(MKR) Eff.89.3%
Lamps: 1 x CREE_MKR (368.505lm@250mA)

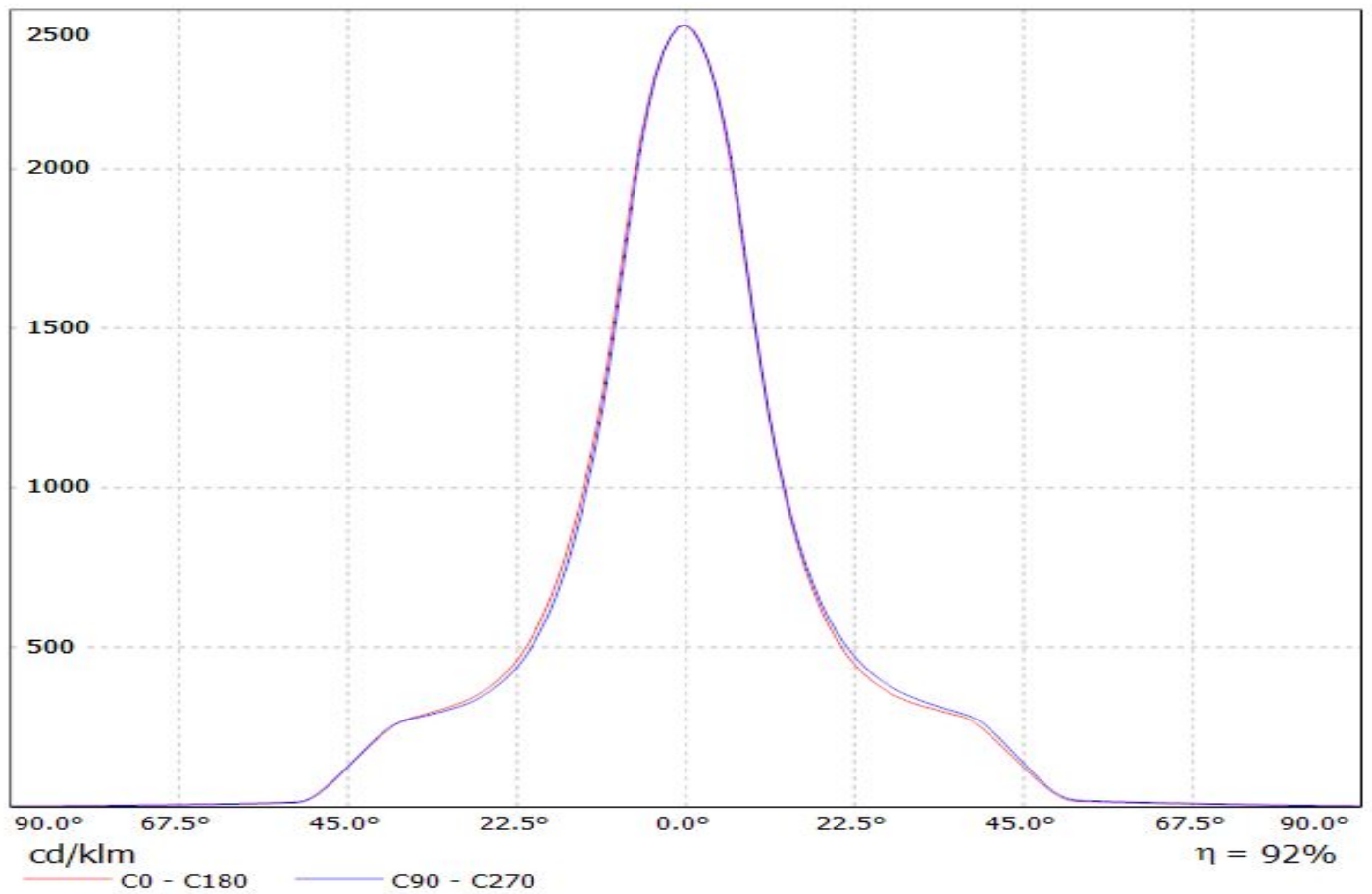


Luminaire: LEDiL Oy CA12881_MINNIE-M_(Cree_XHP70)
Lamps: 1 x Cree_XHP70_261.339lm@250mA_P=1.3827W_I=0.2499A

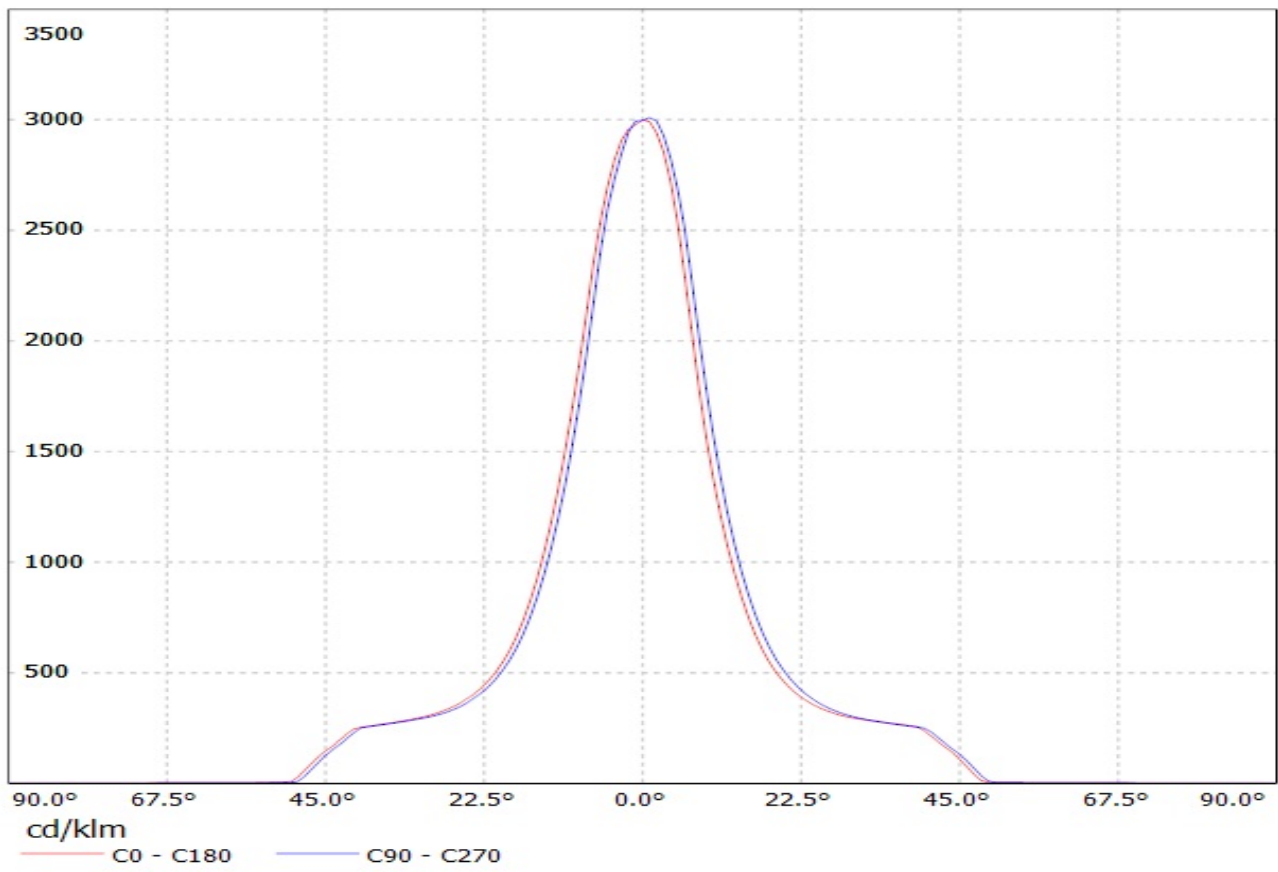


Luminaire: Ledil CA12881_MINNIE-M_(MHD-G)

Lamps: 1 x Cree MHD-G_530.44lm@100mA_P=3.0W_I=0.100A

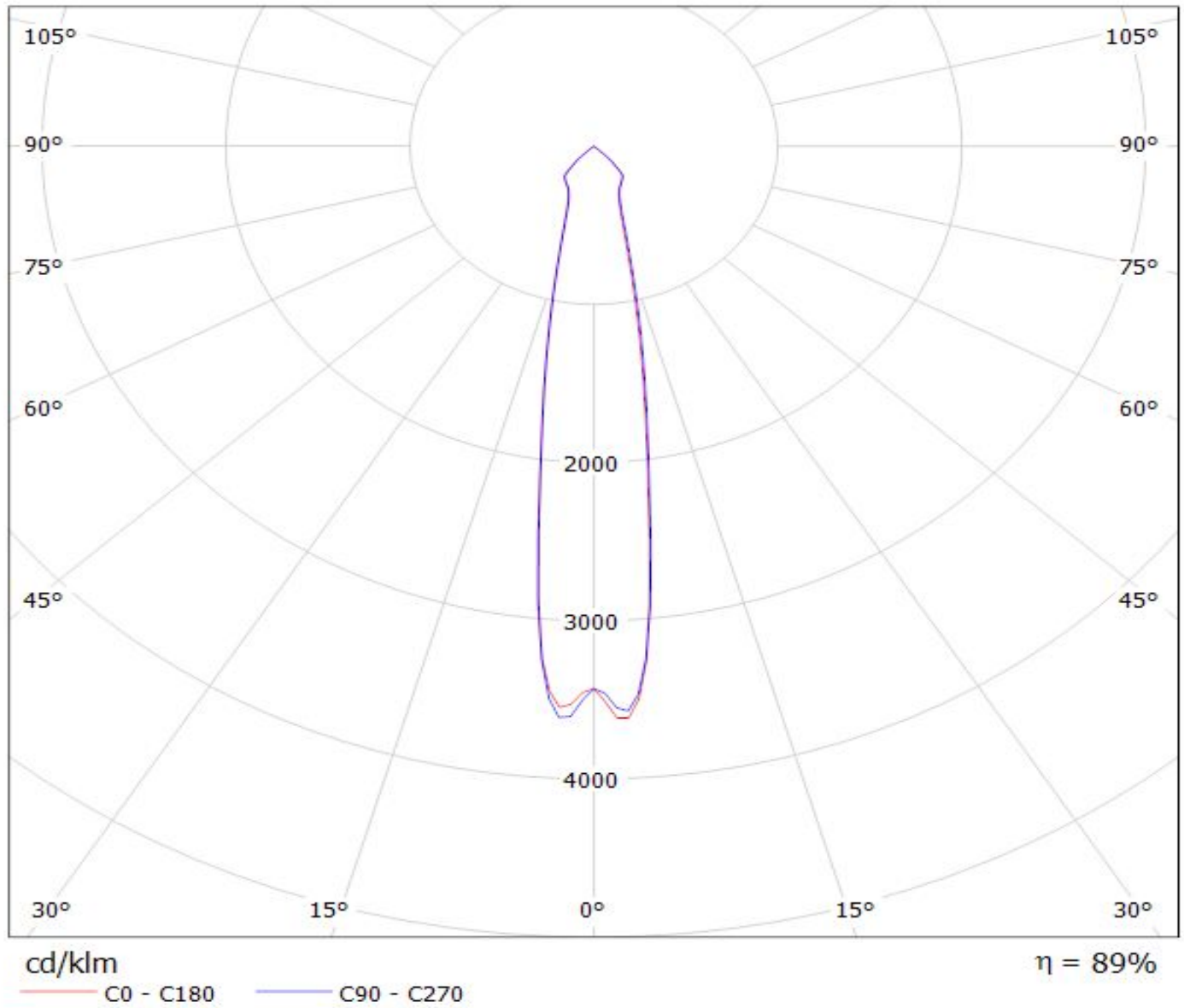


Luminaire: LEDIL OY C12095_MINNIE-M / CA12881_MINNIE-M (Luxeon M) Efficiency=90%
Lamps: 1 x Luxeon M (362lm @ 250mA)

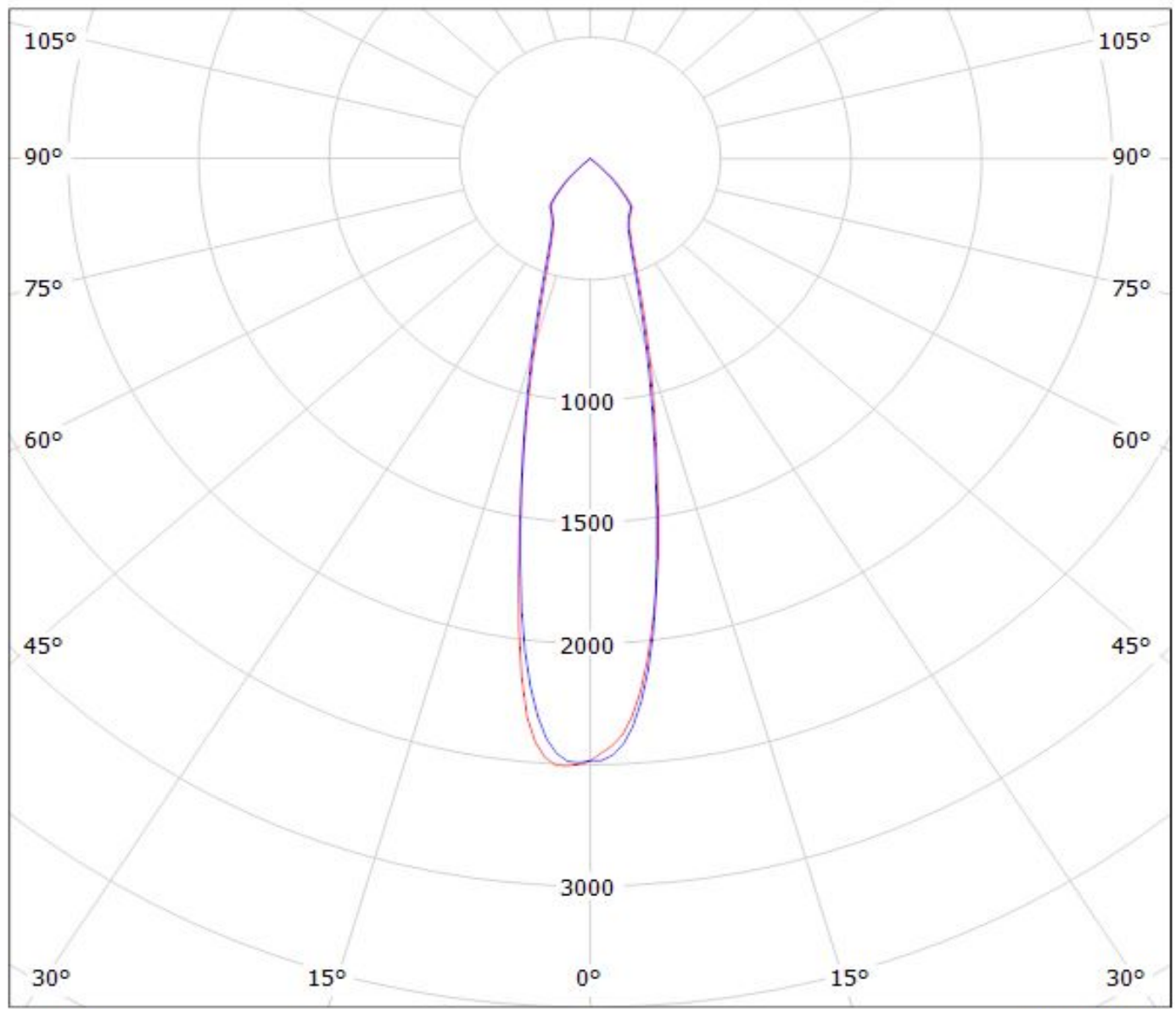


LEDiL Oy CA12881_MINNIE-M_(MKR) Eff.89.3% / LDC (Polar)

Luminaire: LEDiL Oy CA12881_MINNIE-M_(MKR) Eff.89.3%
Lamps: 1 x CREE_MKR (368.505lm@250mA)



Luminaire: LEDiL Oy CA12881_MINNIE-M_(Cree_XHP70)
Lamps: 1 x Cree_XHP70_261.339lm@250mA_P=1.3827W_I=0.2499A



cd/klm

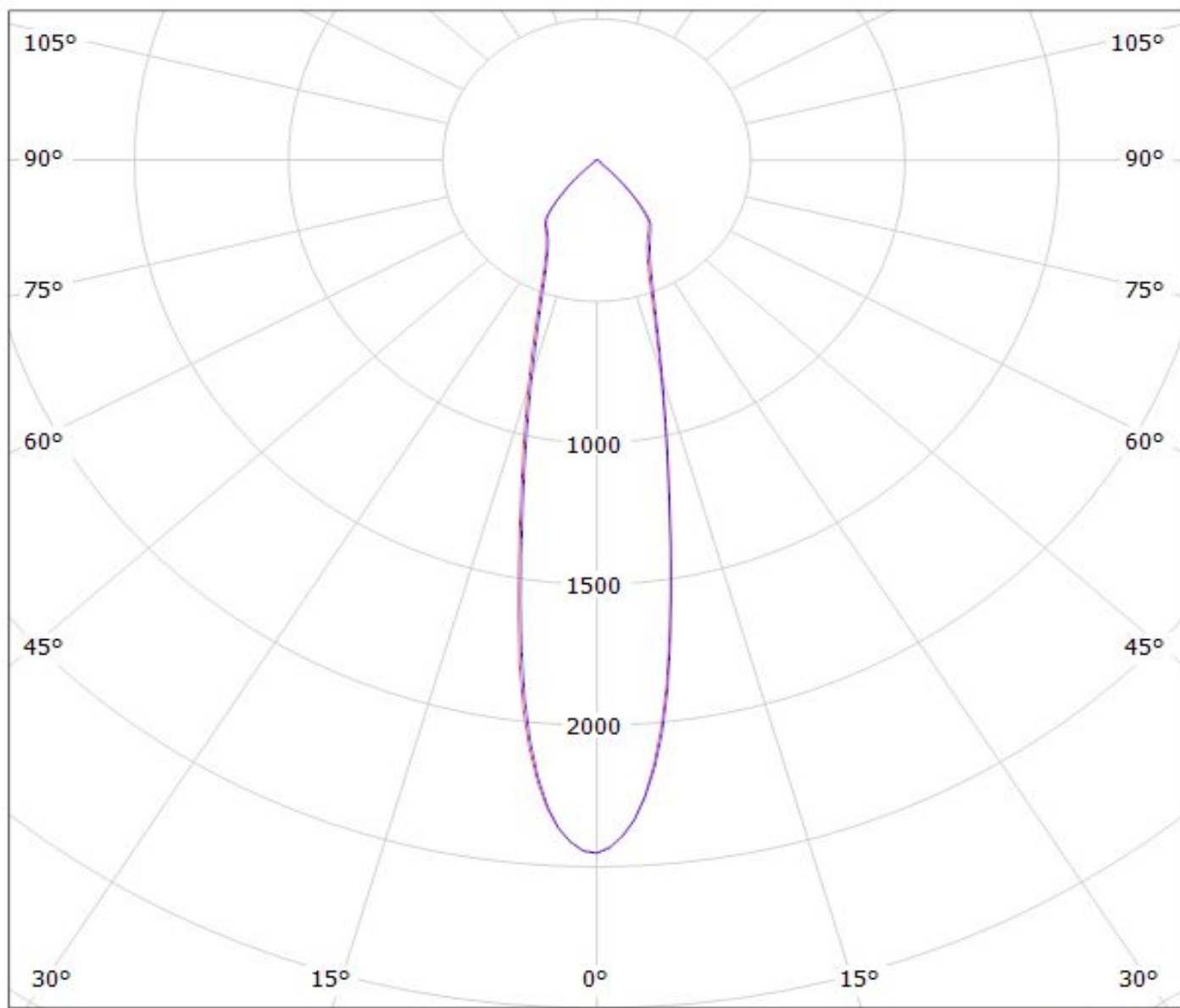
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: Ledil CA12881_MINNIE-M_(MHD-G)

Lamps: 1 x Cree MHD-G_530.44lm@100mA_P=3.0W_I=0.100A



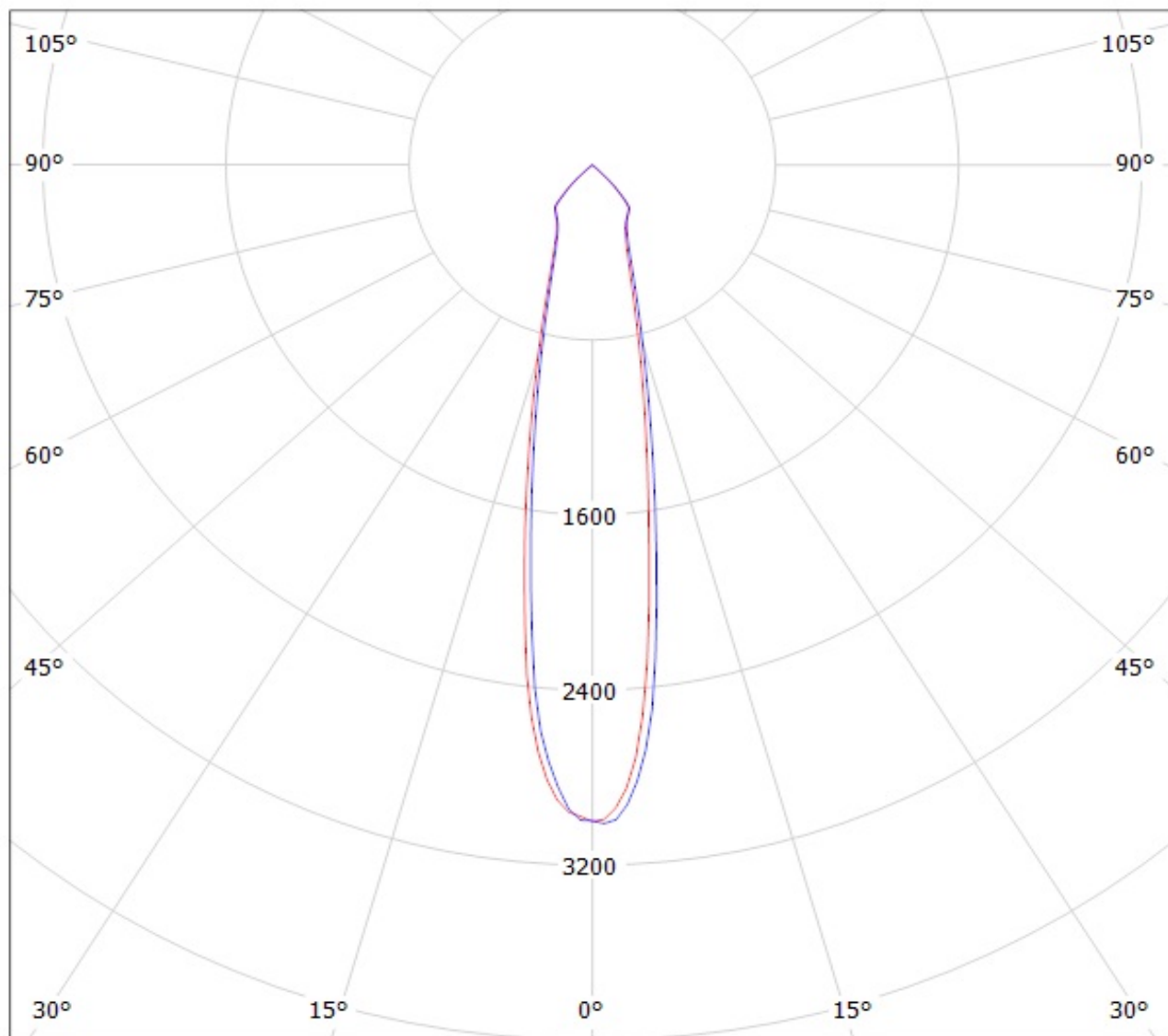
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDIL OY C12095_MINNIE-M / CA12881_MINNIE-M (Luxeon M) Efficiency=90%
Lamps: 1 x Luxeon M (362lm @ 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.