

DETAILS

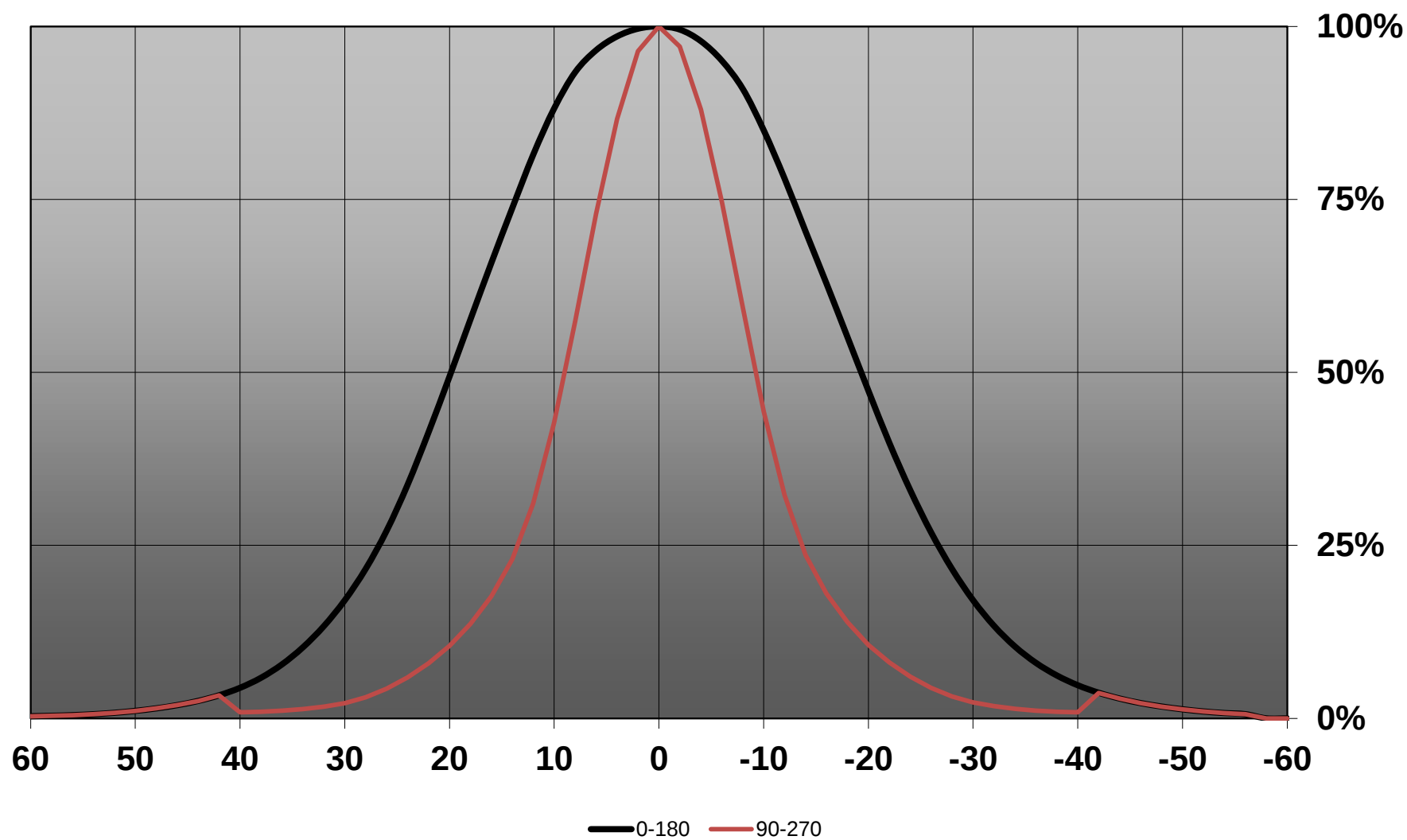
Product Number	C12828_EVA-O
Family	Eva
Type	Lens
Color	clear
Diameter	35 mm
Height	16,4 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	22/07/2016

OPTICAL PROPERTIES

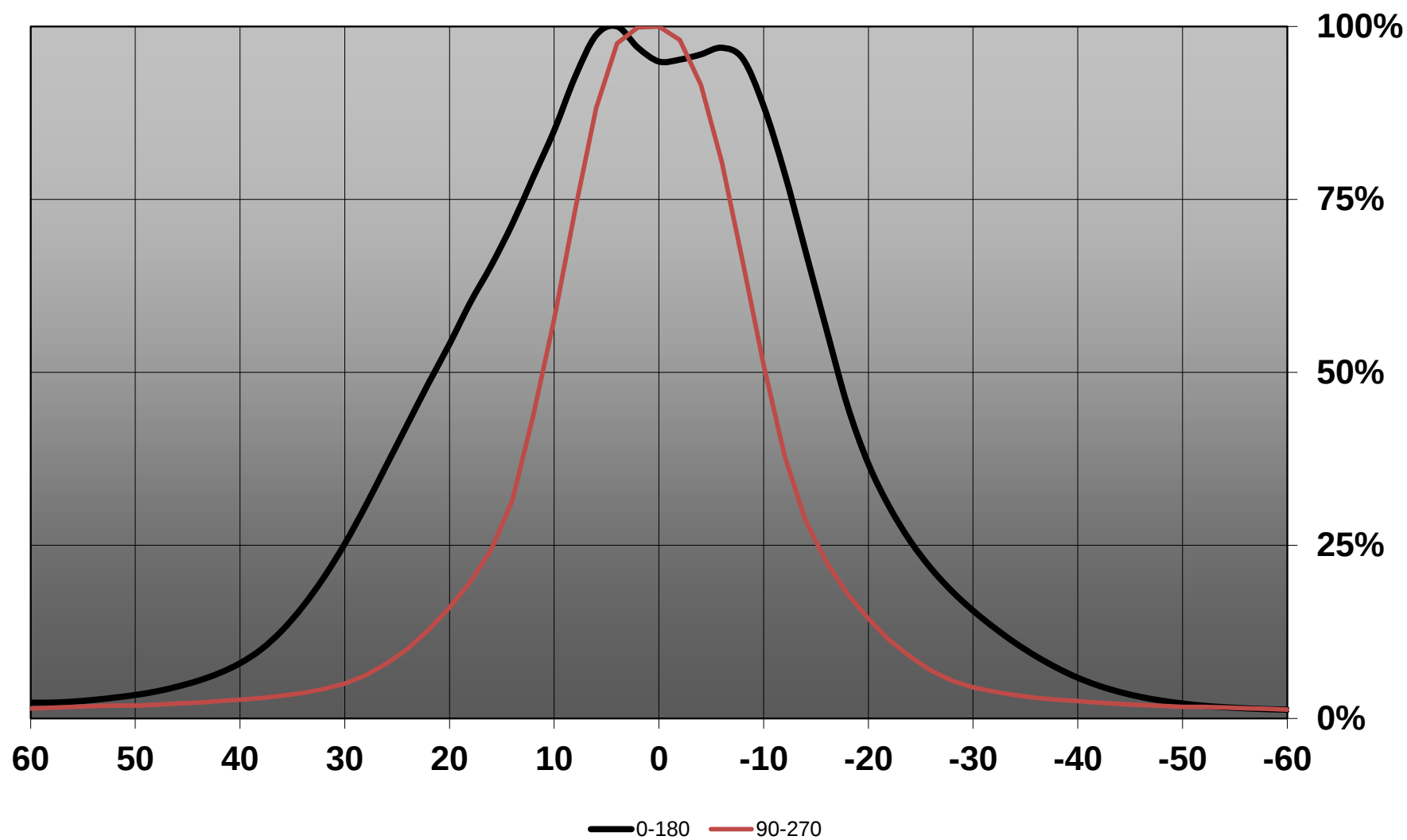
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
XM-L	15.5+39 deg	Oval	86 %	3.300	-
MC-E	sim: 16 + 40	Oval	-	-	-
MHB-A	39+18 deg	Oval	81 %	3.100	-
XP-G2	sim: 17+34	Oval	sim: 91 %	sim: 4.000	-
XHP35 HI	39+21 deg	Oval	81 %	2.200	-
LUXEON M	20.5+37 deg	Oval	83 %	2.700	-
LUXEON MZ	39+15 deg	Oval	86 %	4.000	-
LUXEON 5258	sim: 16+37	Oval	sim: 91 %	sim: 3.700	-
NS9x383	39+15 deg	Oval	87 %	3.700	-
NSMx286M	40+20 deg	Oval	86 %	2.570	-
Duris S8	39+17 deg	Oval	88 %	3.700	-
Duris P10	sim: 19+37	Oval	sim: 92 %	sim: 3.320	-
Z8Y15	41+13 deg	Oval	85 %	4.880	-
Z8Y19	41+12 deg	Oval	86 %	4.870	-



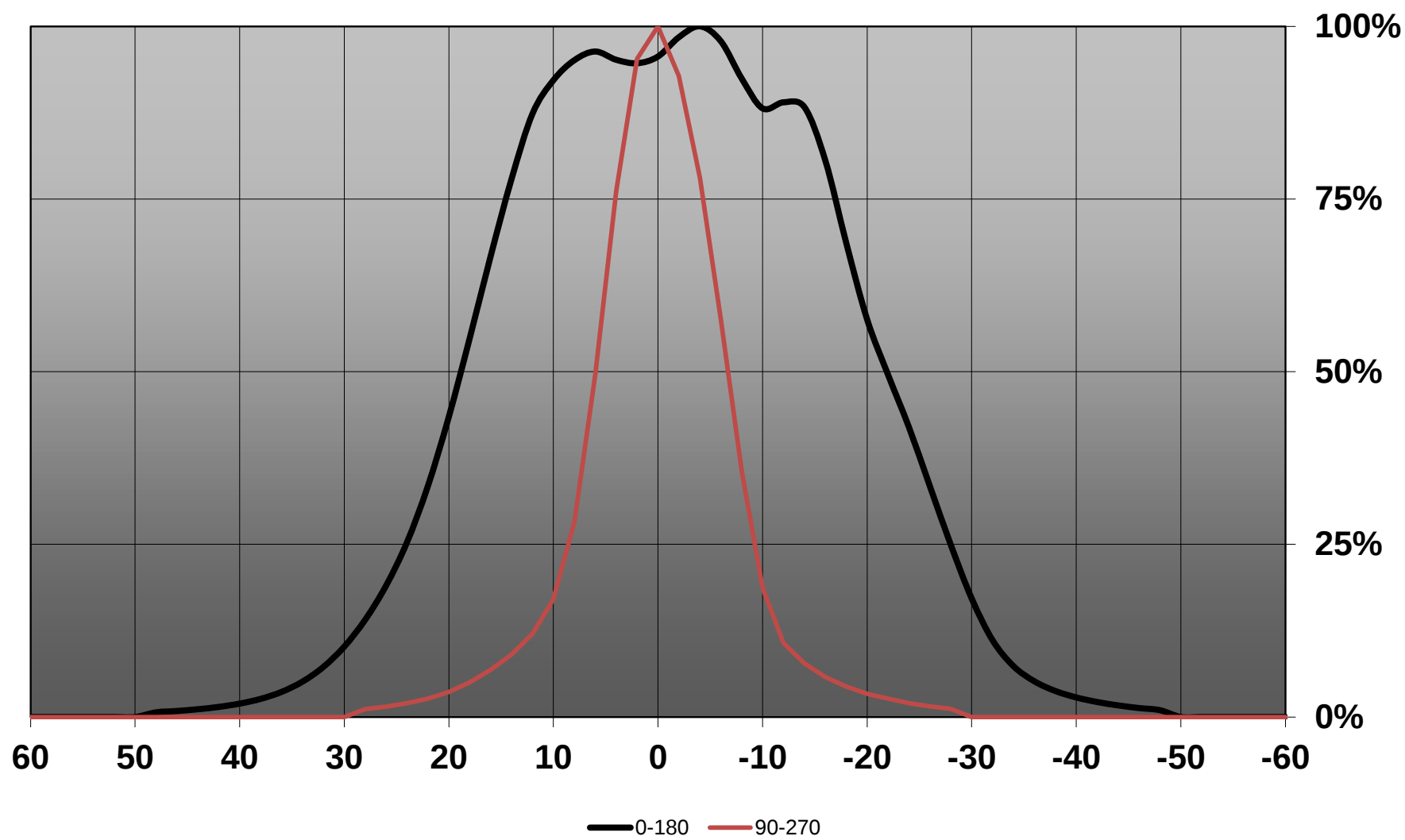
Relative intensity of C12828_EVA-O_(MH-B)



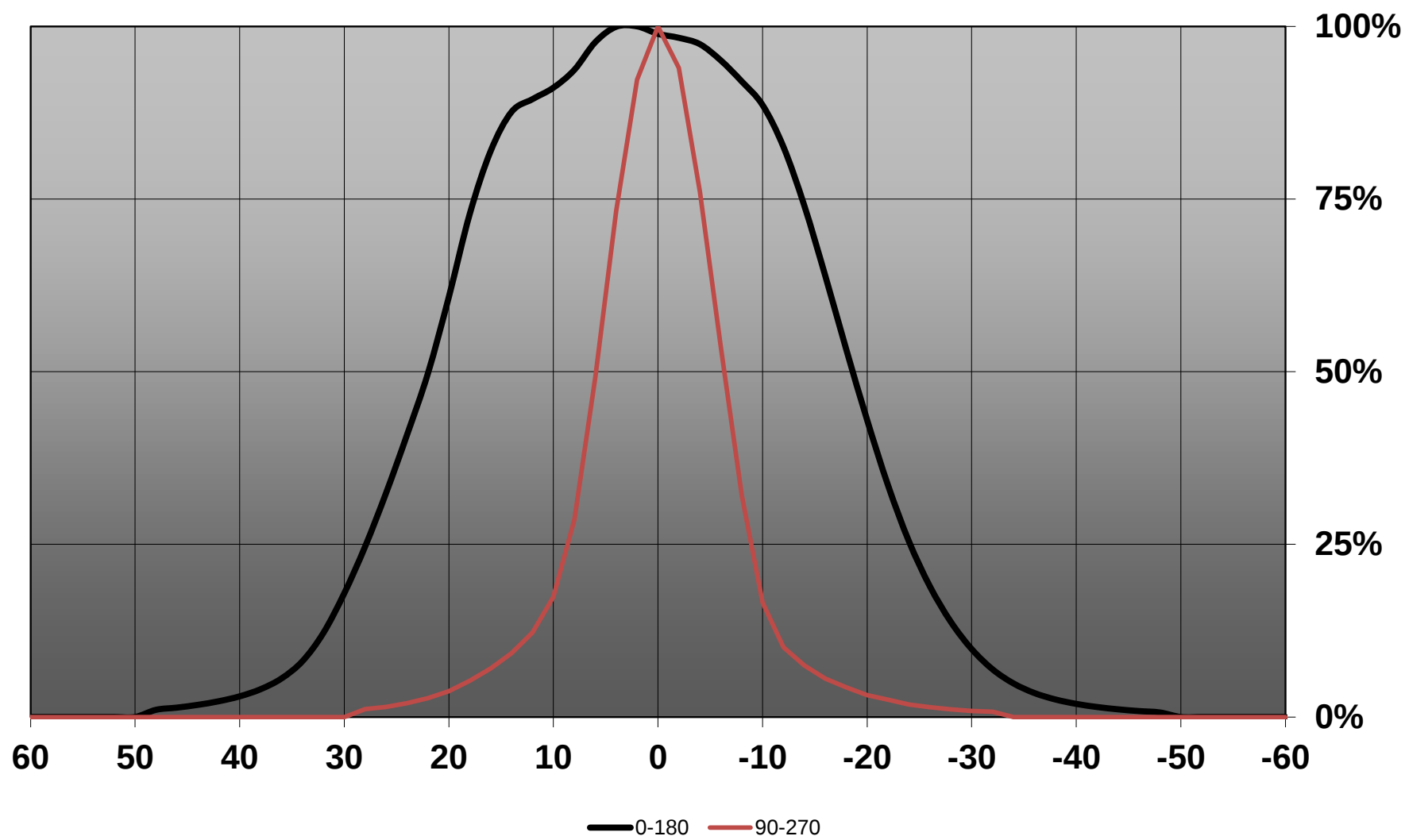
Relative intensity of C12828_EVA-O_(XHP35_HI)



Relative intensity of C12828_EVA-O_(SZ8Y15)



Relative intensity of C12828_EVA-O_(SZ8Y19)



D

C

B

A

4

3

2

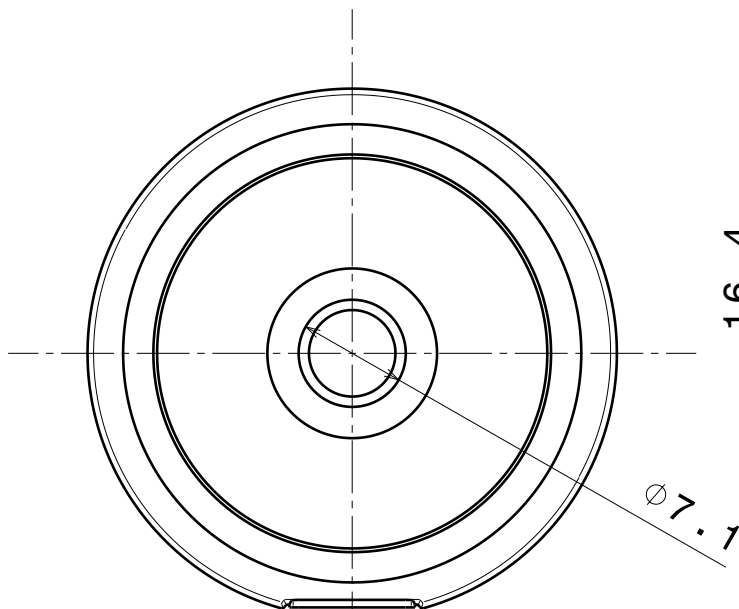
1

4

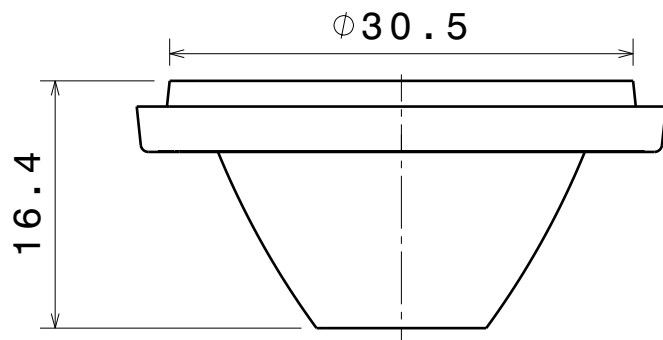
3

2

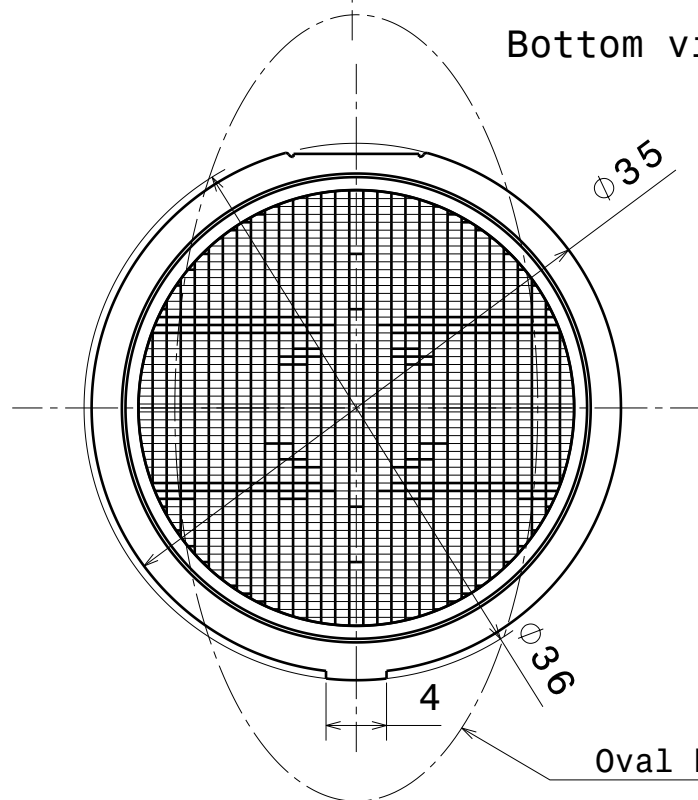
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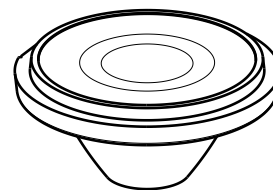
Bottom view



Side view



Top view



Isometric view

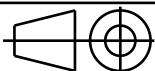
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12828	EVA-0	PMMA	

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

C12828_EVA-0

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of LEDiL Oy. It may not be
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communicated without a written
agreement with LEDiL Oy.

SIZE

A4

PART NUMBER

C12828

SCALE

2:1

WEIGHT

6 g

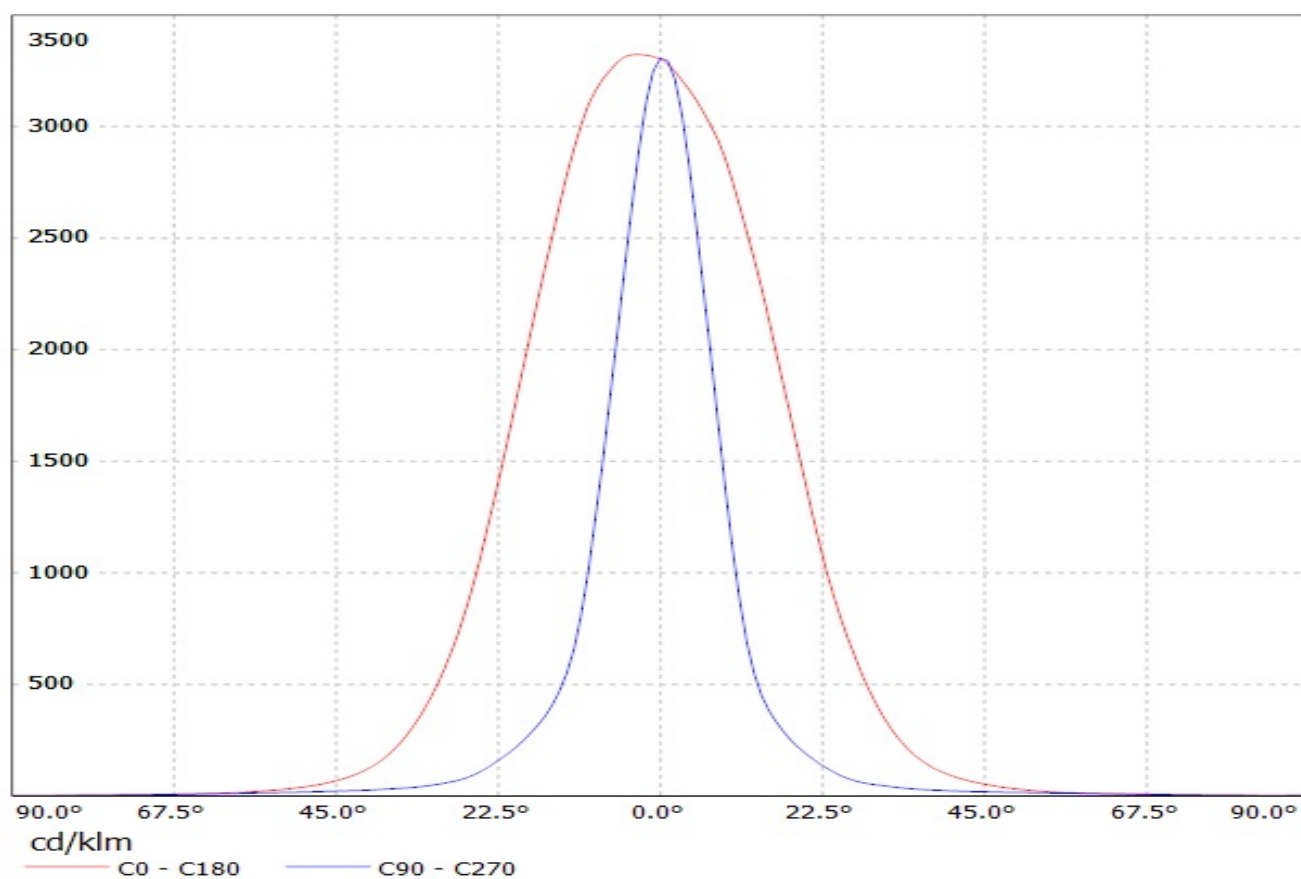
SHEET

1 / 1

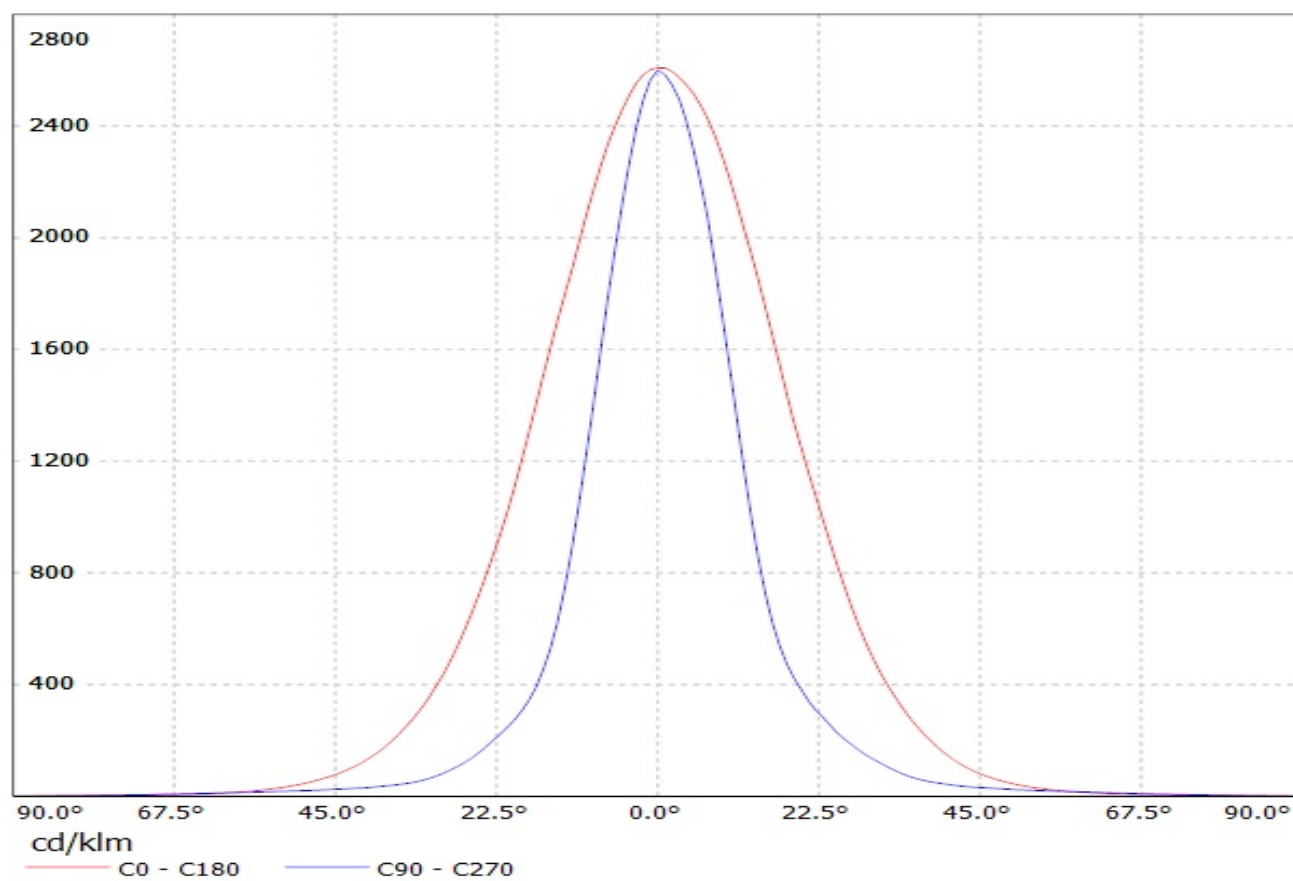
D

A

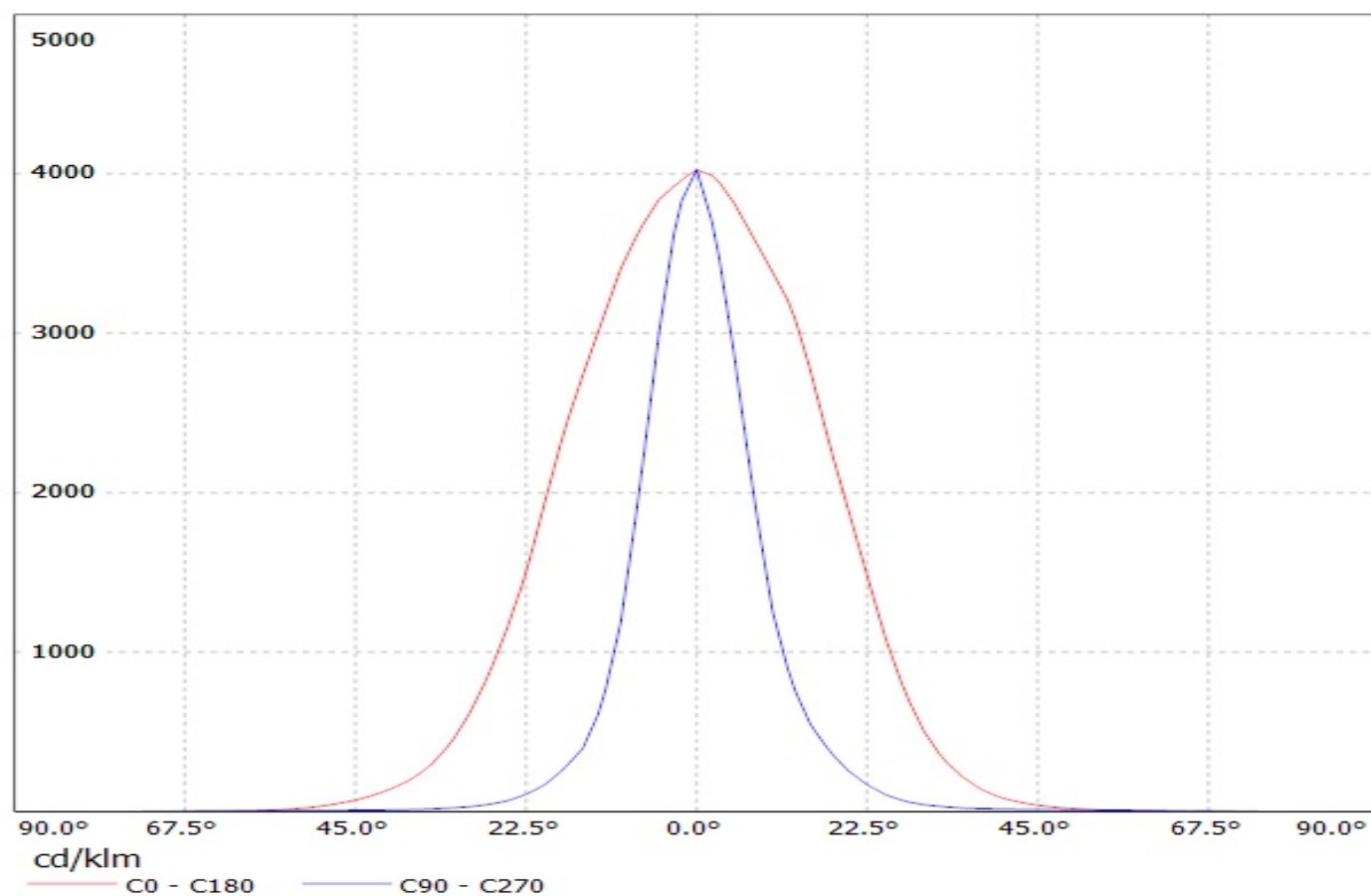
Luminaire: LEDIL OY C12828_EVA-O (XM-L) Efficiency=86%
Lamps: 1 x Cree XM-L (111lm @ 250mA)



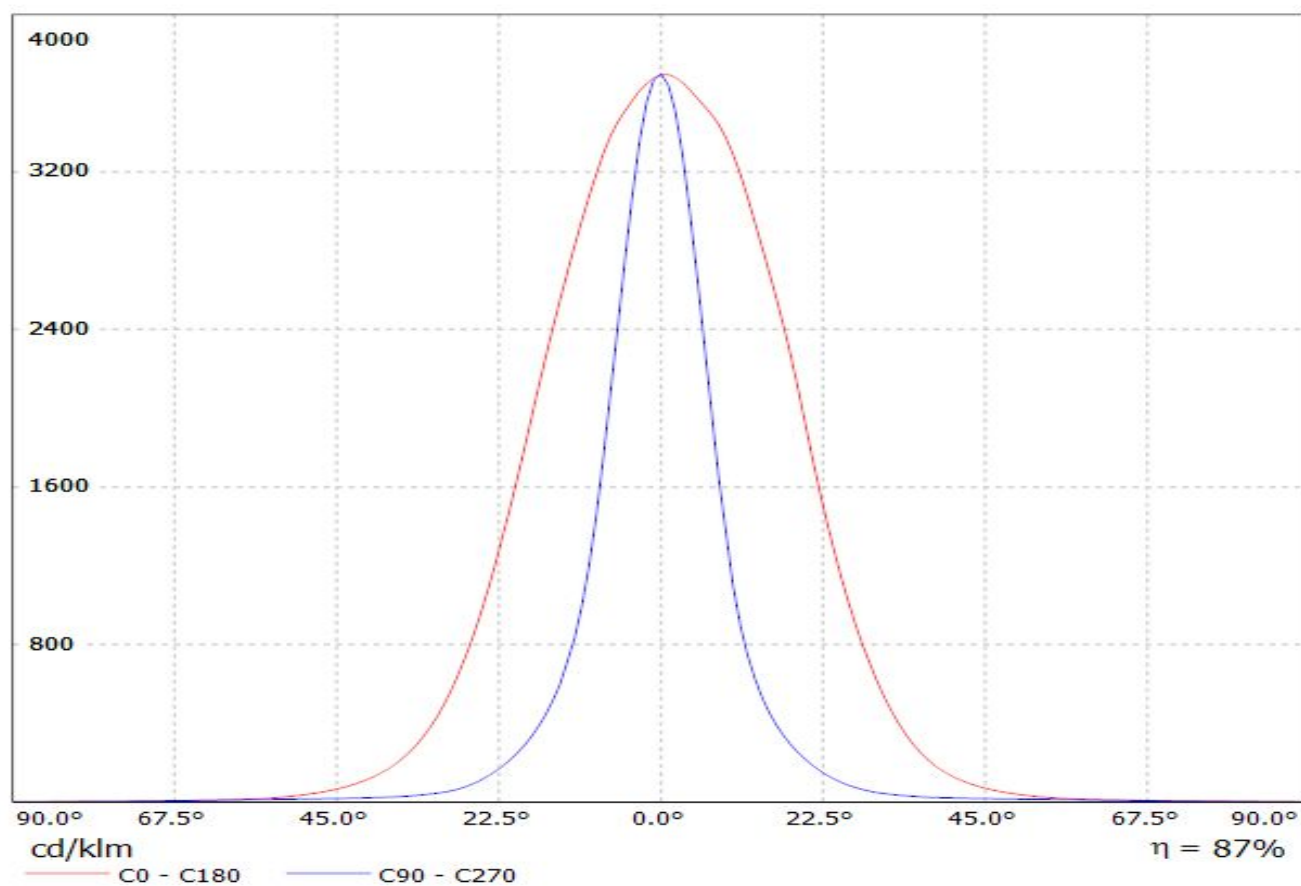
Luminaire: LEDIL OY C12828_EVA-O (Luxeon M) Efficiency=83%
Lamps: 1 x Luxeon M (362lm @ 250mA)



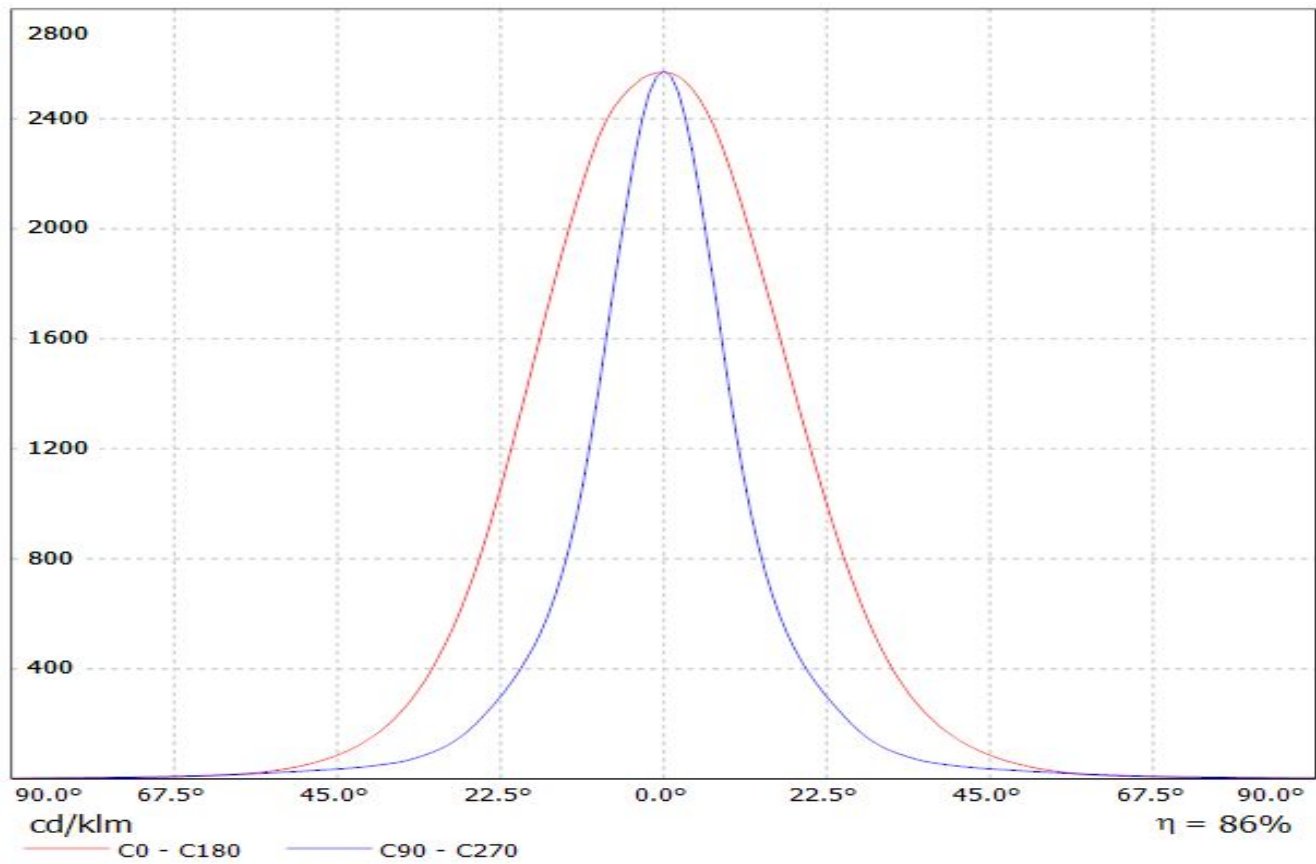
Luminaire: LEDil Oy C12828_EVA-O_(Luxeon_MZ) Efficiency=86%
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA



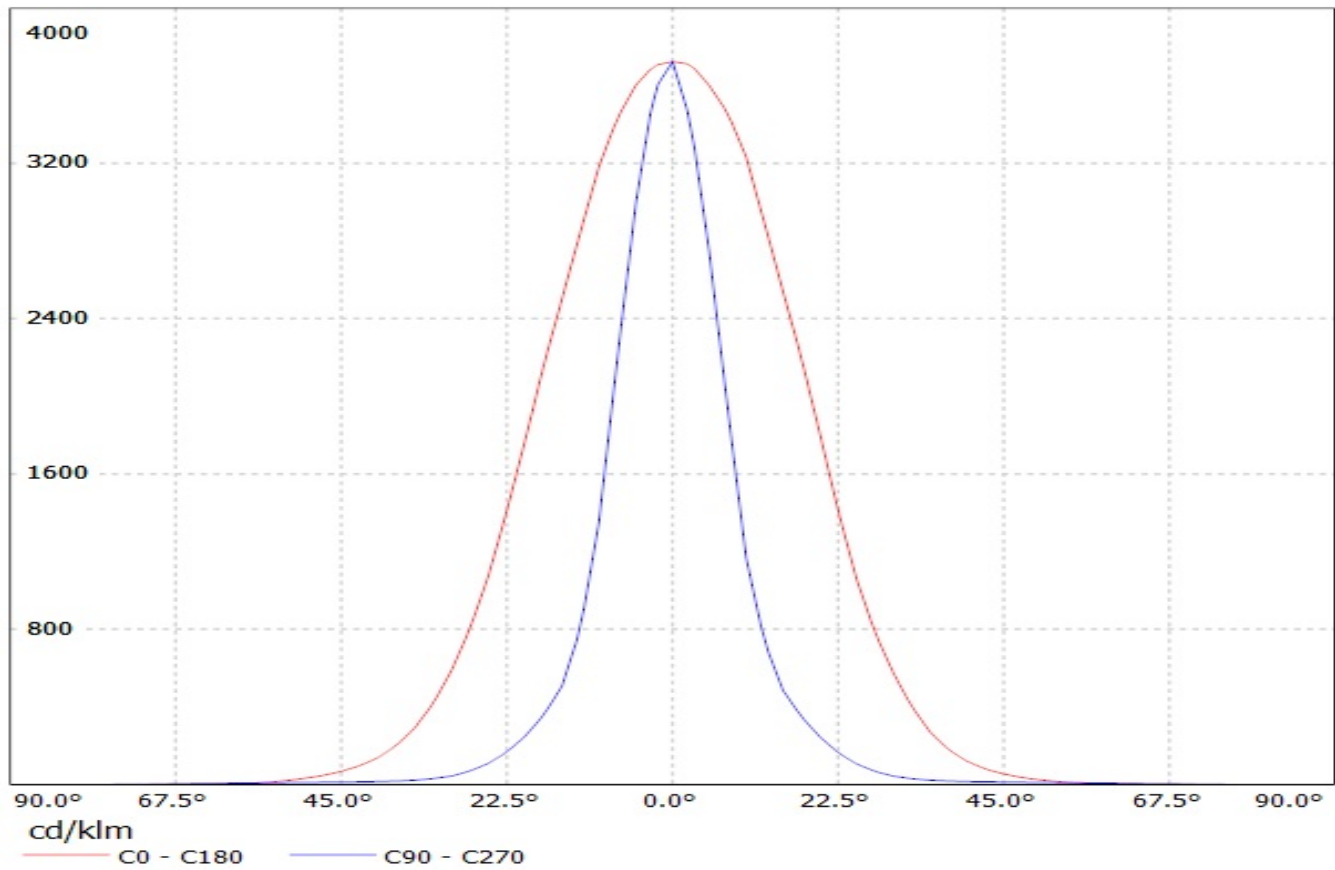
Luminaire: LEDiL Oy C12828_EVA-O_(NS9x383) Eff. 87,3%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



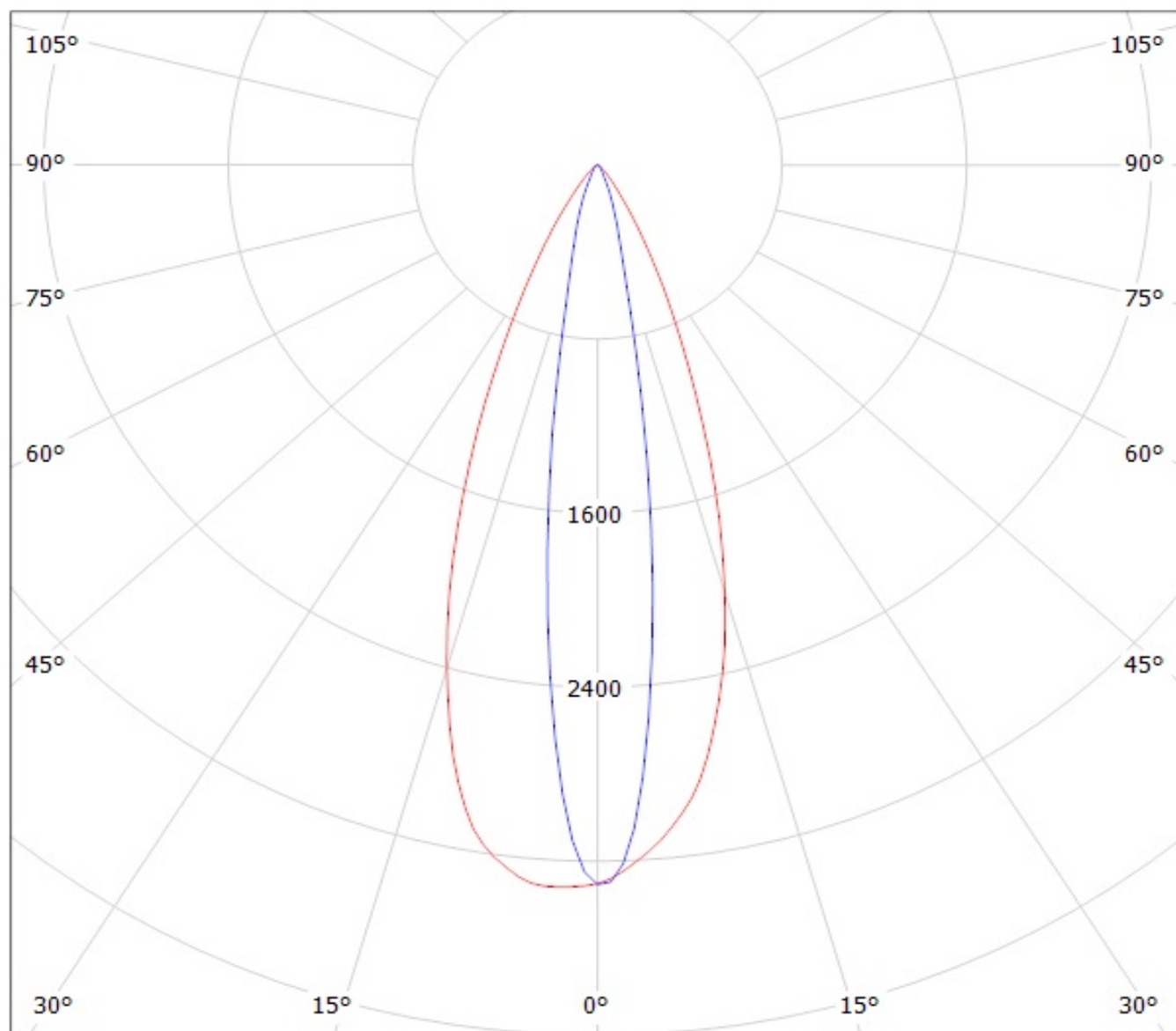
Luminaire: LEDiL Oy C12858_EVA-O_(NICHIA_286) Eff.86%
Lamps: 1 x NICHIA_286_(NSML286ME) 322.274lm@100mA CCT=3000K P=3.42532W I=100.1mA



Luminaire: LEDil Oy C12828_EVA-O_(DURIS_S8) Efficiency=88%
Lamps: 1 x Osram DURIS S8 (GW P9LMS1.ĖC) 192lm @ 100mA CCT=2900K P=1.8W I=100mA



Luminaire: LEDIL OY C12828_EVA-O (XM-L) Efficiency=86%
Lamps: 1 x Cree XM-L (111lm @ 250mA)

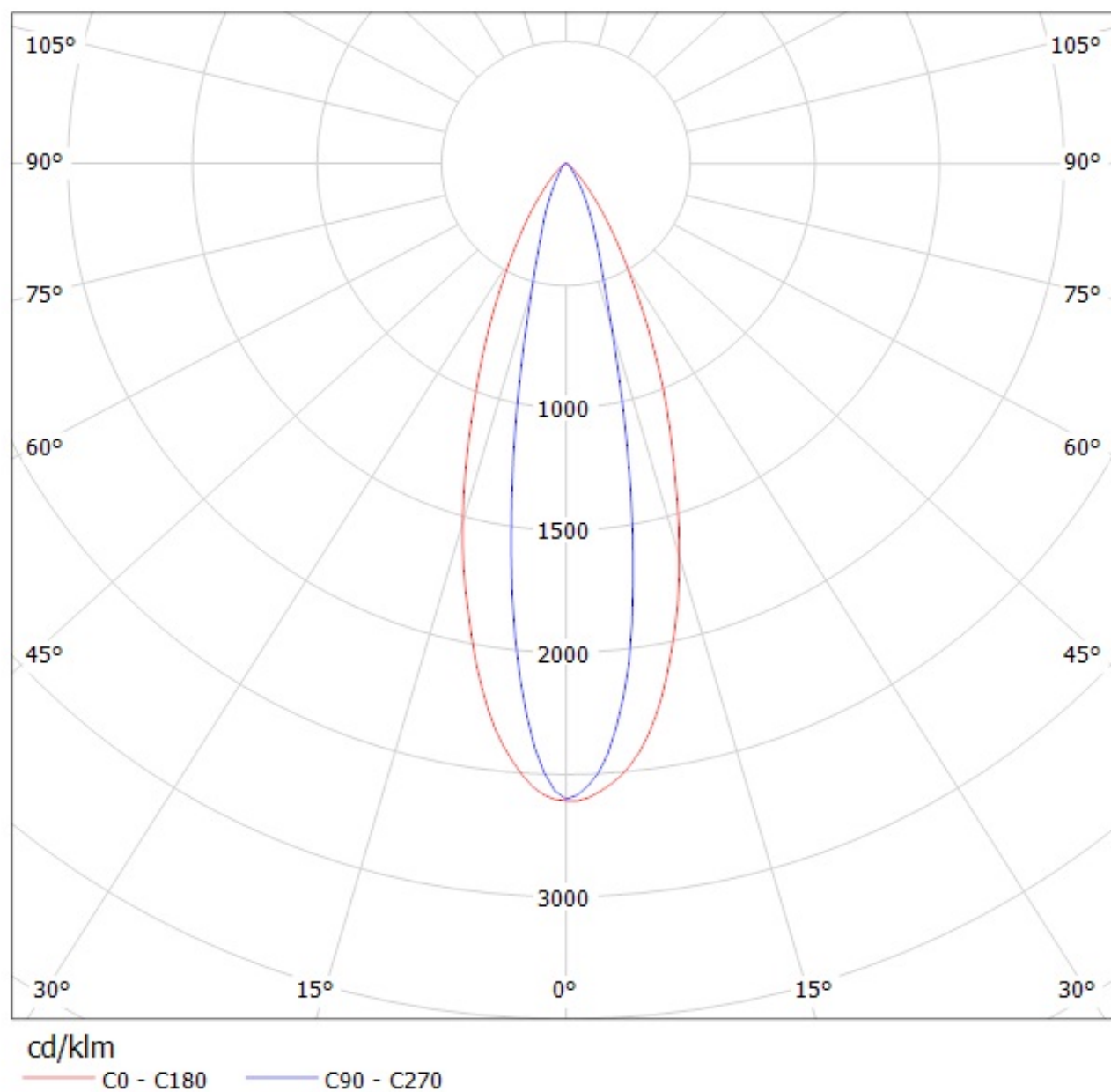


cd/klm

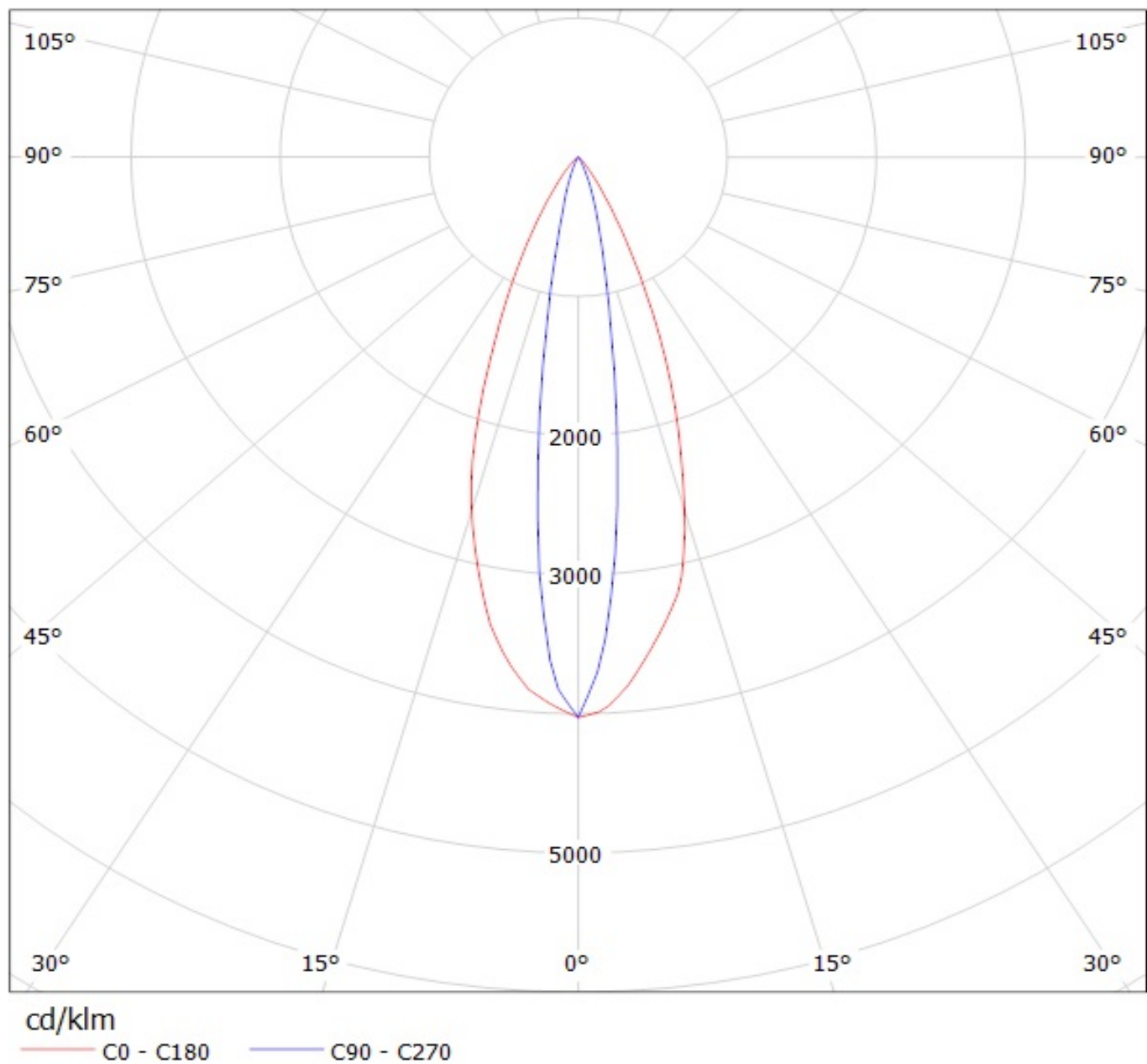
— C0 - C180

— C90 - C270

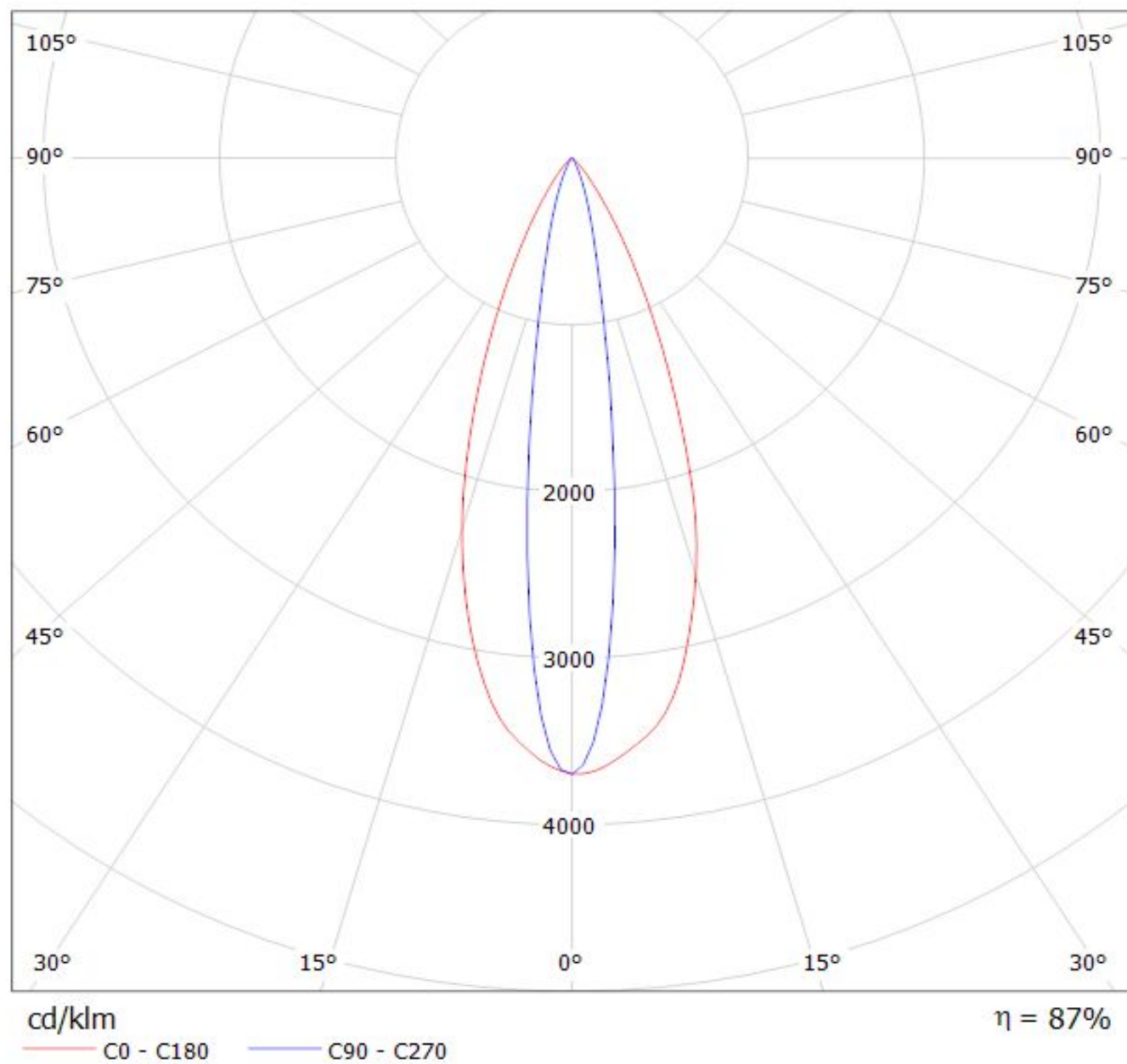
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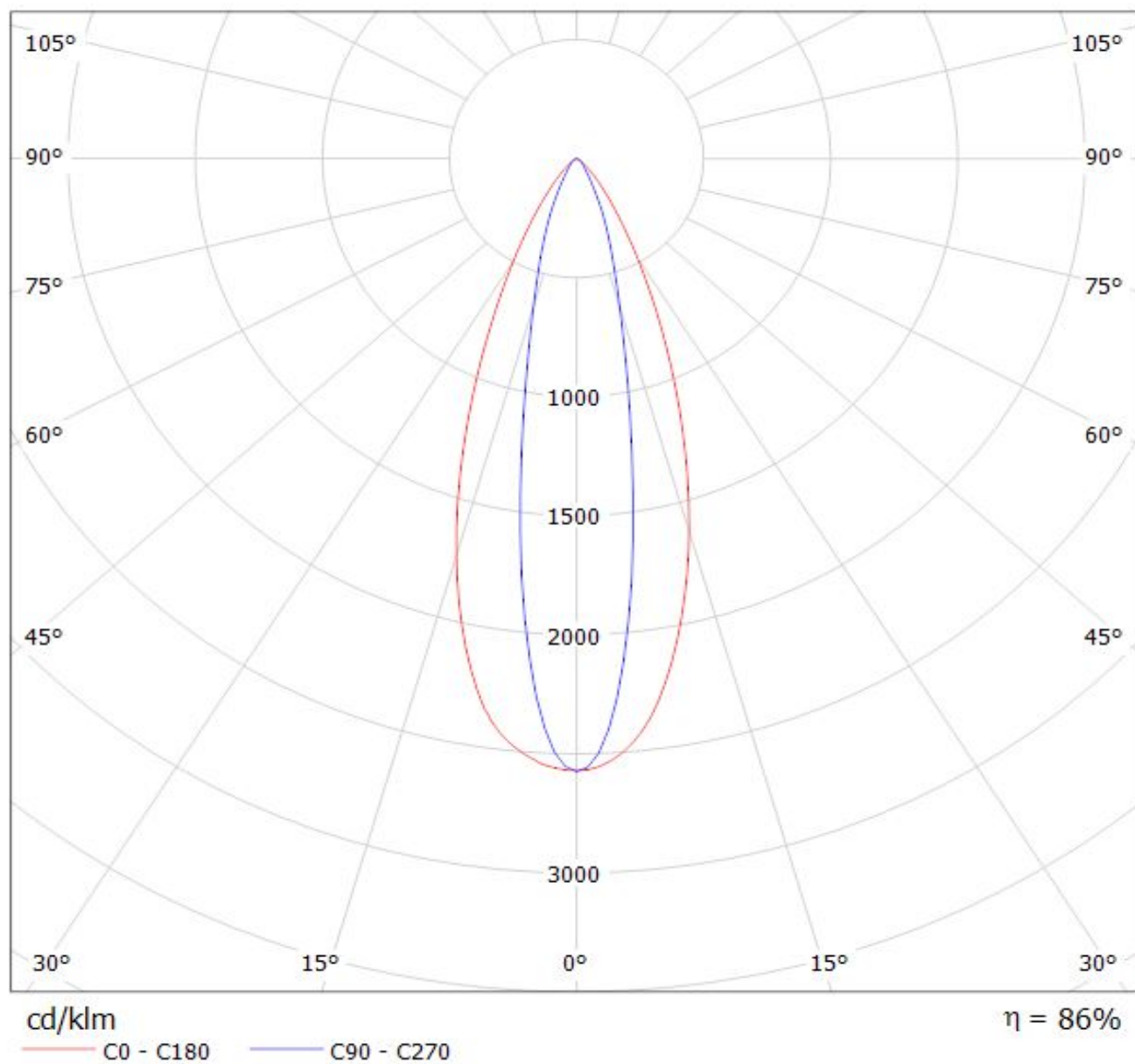
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Lamps: 1 x Nichia NS9x383 (105lm@250mA)

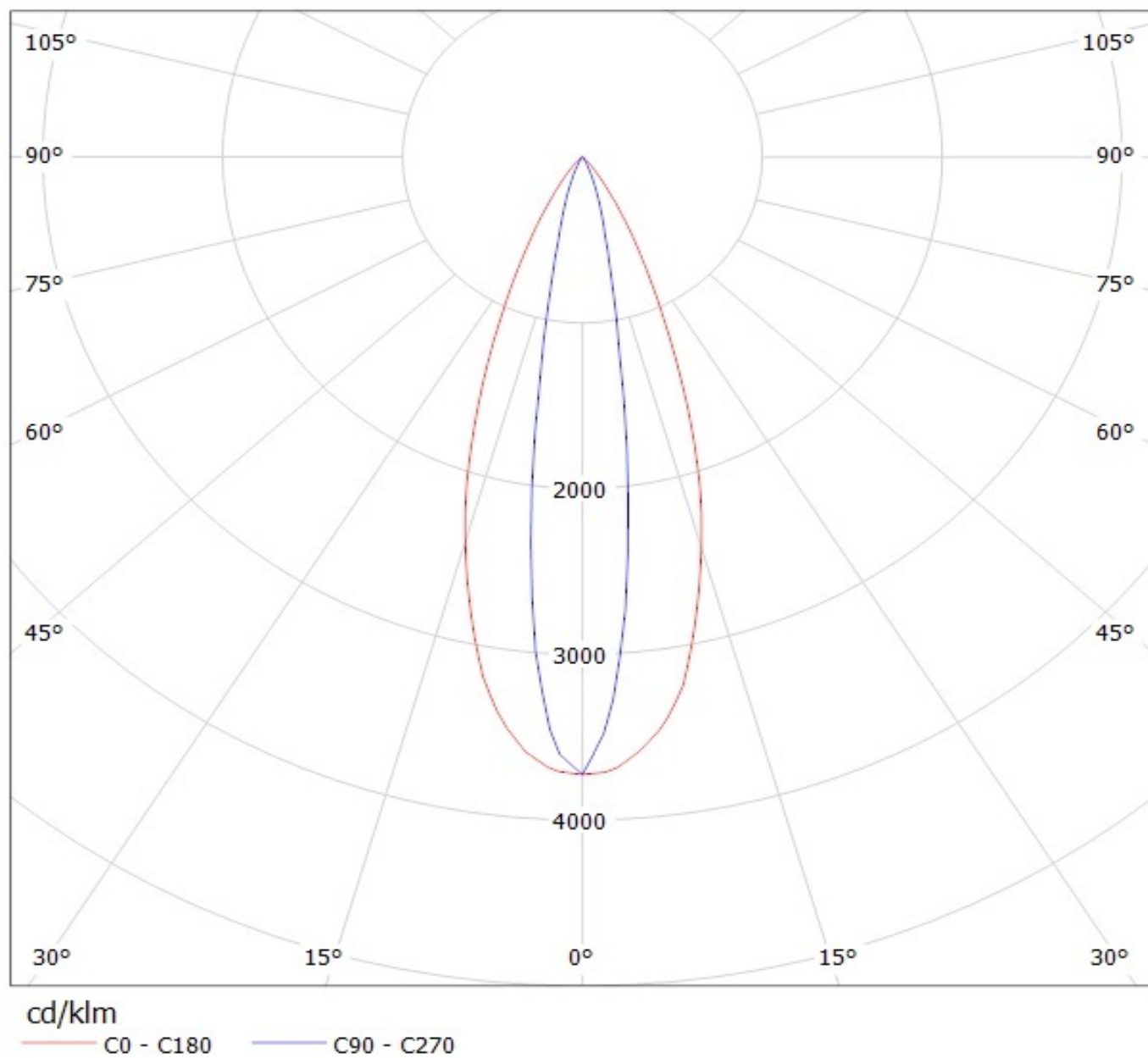


Luminaire: LEDiL Oy C12858_EVA-O_(NICHIA_286) Eff.86%
Lamps: 1 x NICHIA_286_(NSML286ME) 322.274lm@100mA CCT=3000K P=3.42532W I=100.1mA



Luminaire: LEDil Oy C12828_EVA-O_(DURIS_S8) Efficiency=88%

Lamps: 1 x Osram DURIS S8 (GW P9LMS1.ĖC) 192lm @ 100mA CCT=2900K P=1.8W I=100mA



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.