PRODUCT DATASHEET
Lisa2 series
last update 18/8/2014

DETAILS

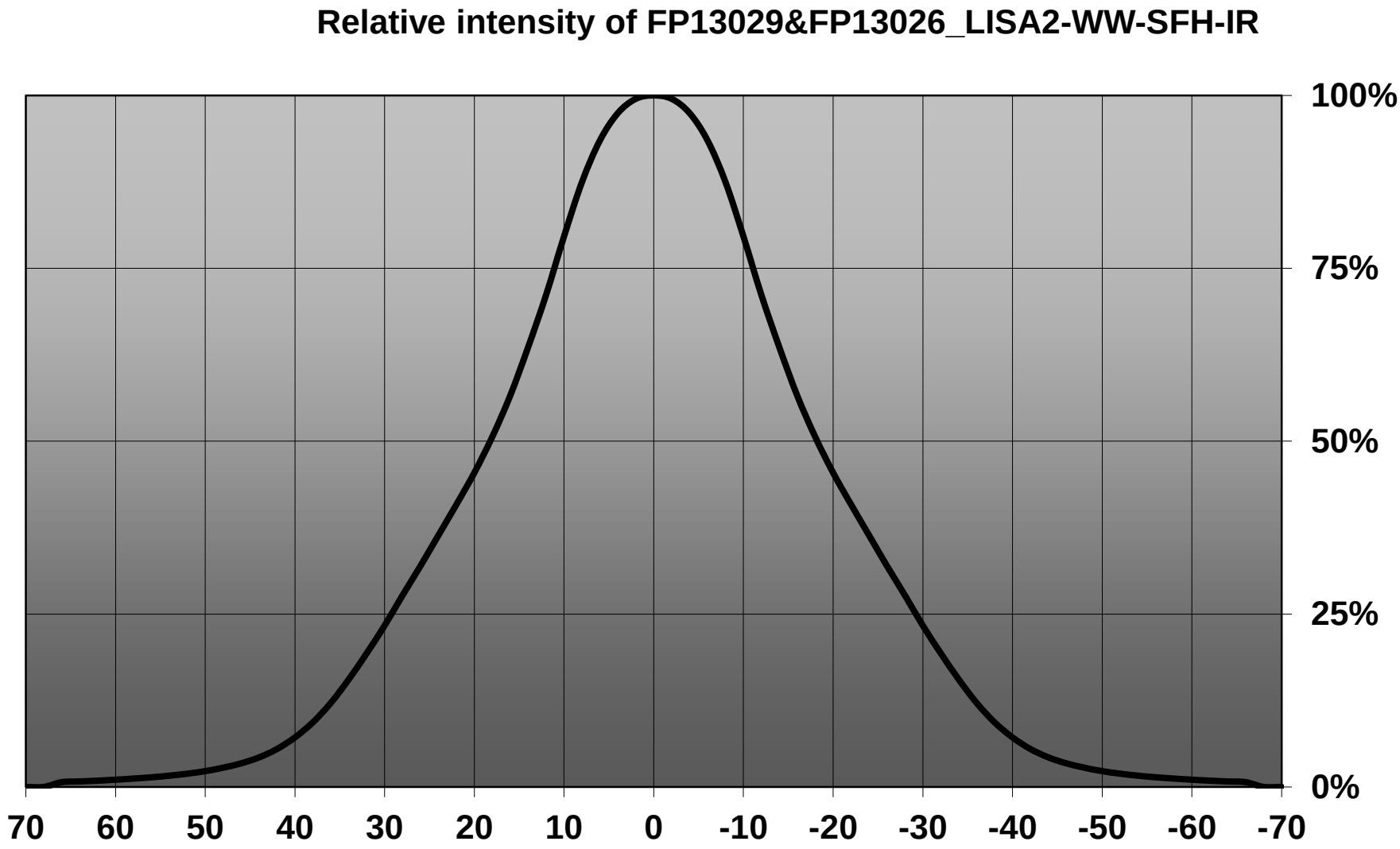
Product Number	FP13026_LISA2-WW-PIN
Family	Lisa2
Type	Assembly
Color	black
Diameter	9.9 mm
Height	6.8 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, glue
Status	ready
ROHS Comliant	Yes
Date Updated	3/10/2013

OPTICAL PROPERTIES

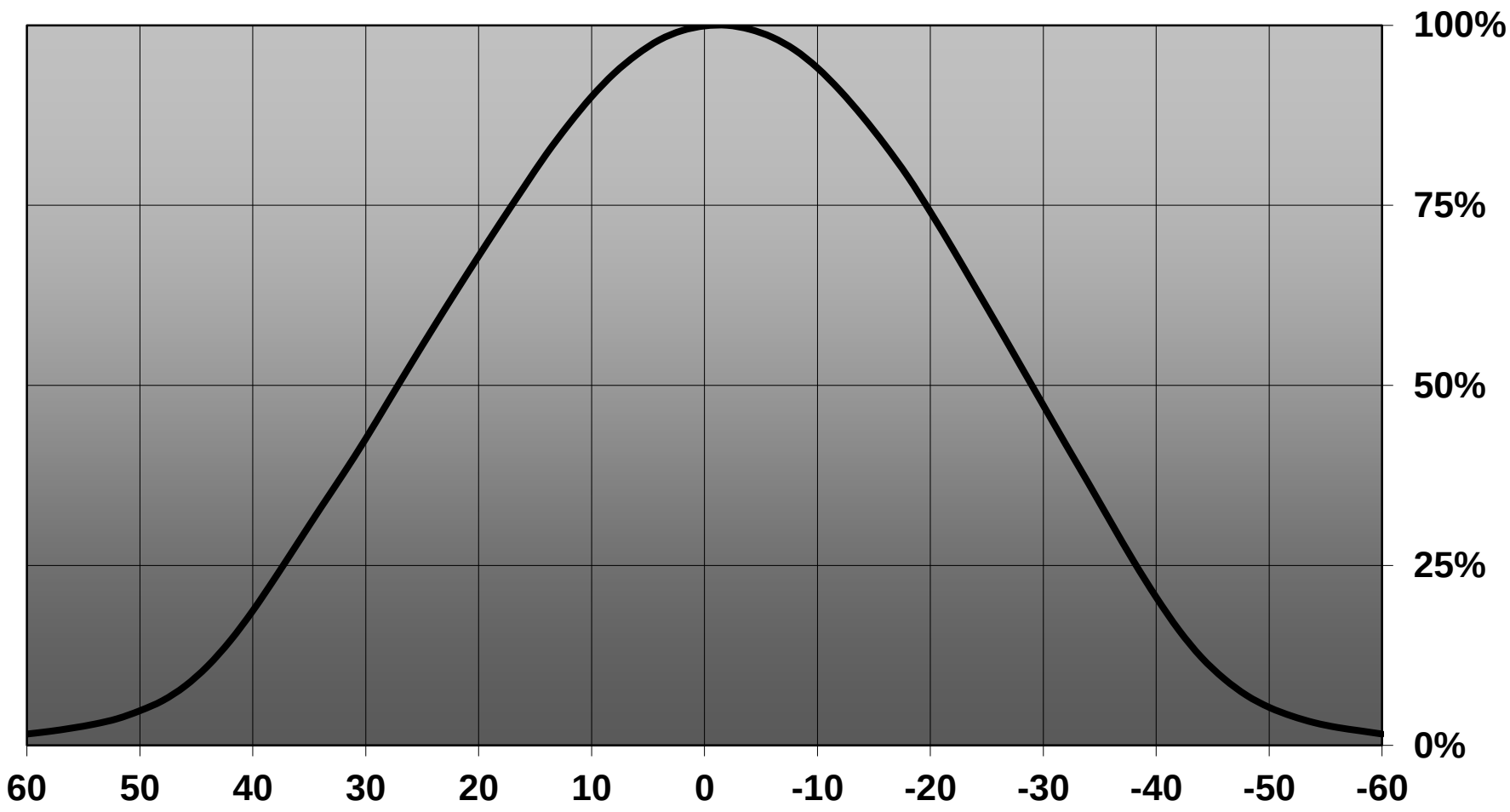
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
LUXEON Q	(simulated) 54		(simulated) 84 %	(simulated) 1.000	-
SFH 4715S (IR)	36 degrees		-	(simulated) 0.000	-
NCSxx19B	41 degrees		86 %	1.500	-
XP-E2	43 degrees		88 %	1.350	-
XP-G2	47 degrees		88 %	1.200	-
XT-E	47 degrees		84 %	1.100	-
LH351B	56 degrees		88 %	1.020	-
LH351Z	60 degrees		90 %	0.950	-

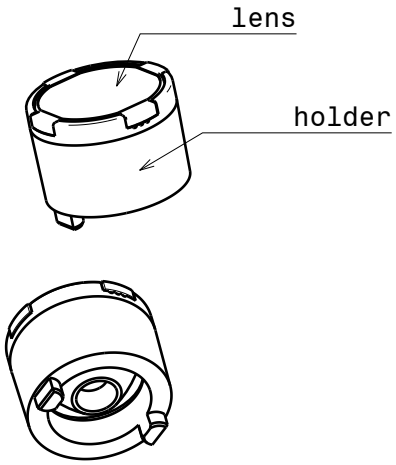
Ledil Oy
Salorankatu 10
24240 SALO
Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

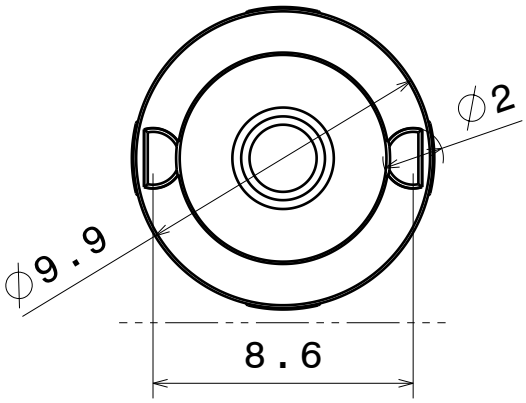

Relative intensity of FP13029&FP13026_LISA2-WW-SFH-IR
100%
75%
50%
25%
0%
70
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
-70

Relative intensity of FP13026_LISA2-WW-PIN (LH351B)

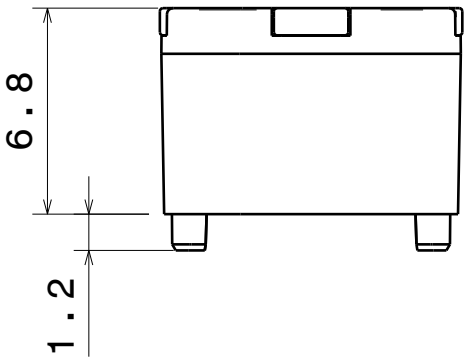




Isometric view
Scale: 2:1



Bottom view



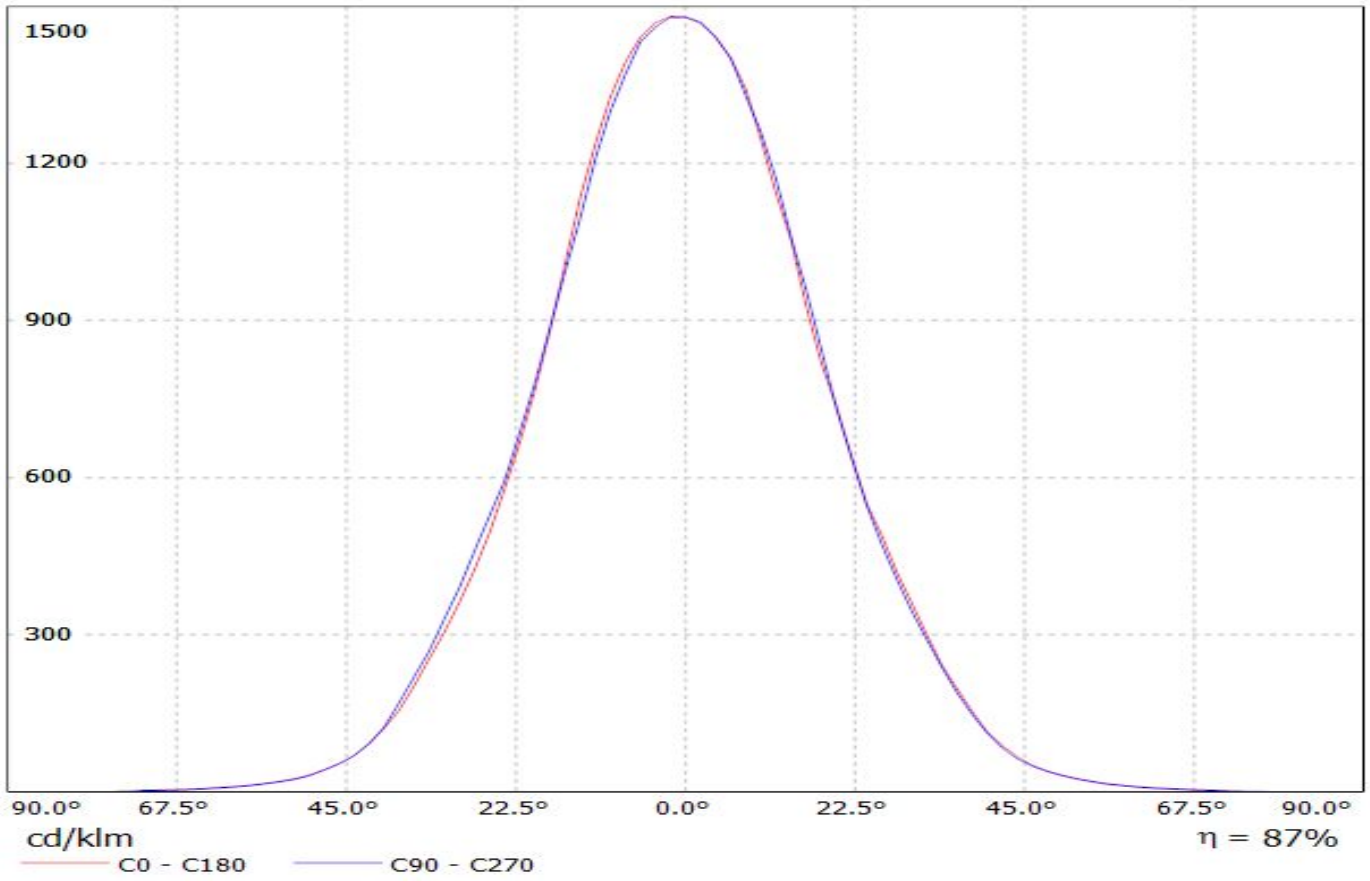
Front view

Materials:
Lens PMMA
Holder PC

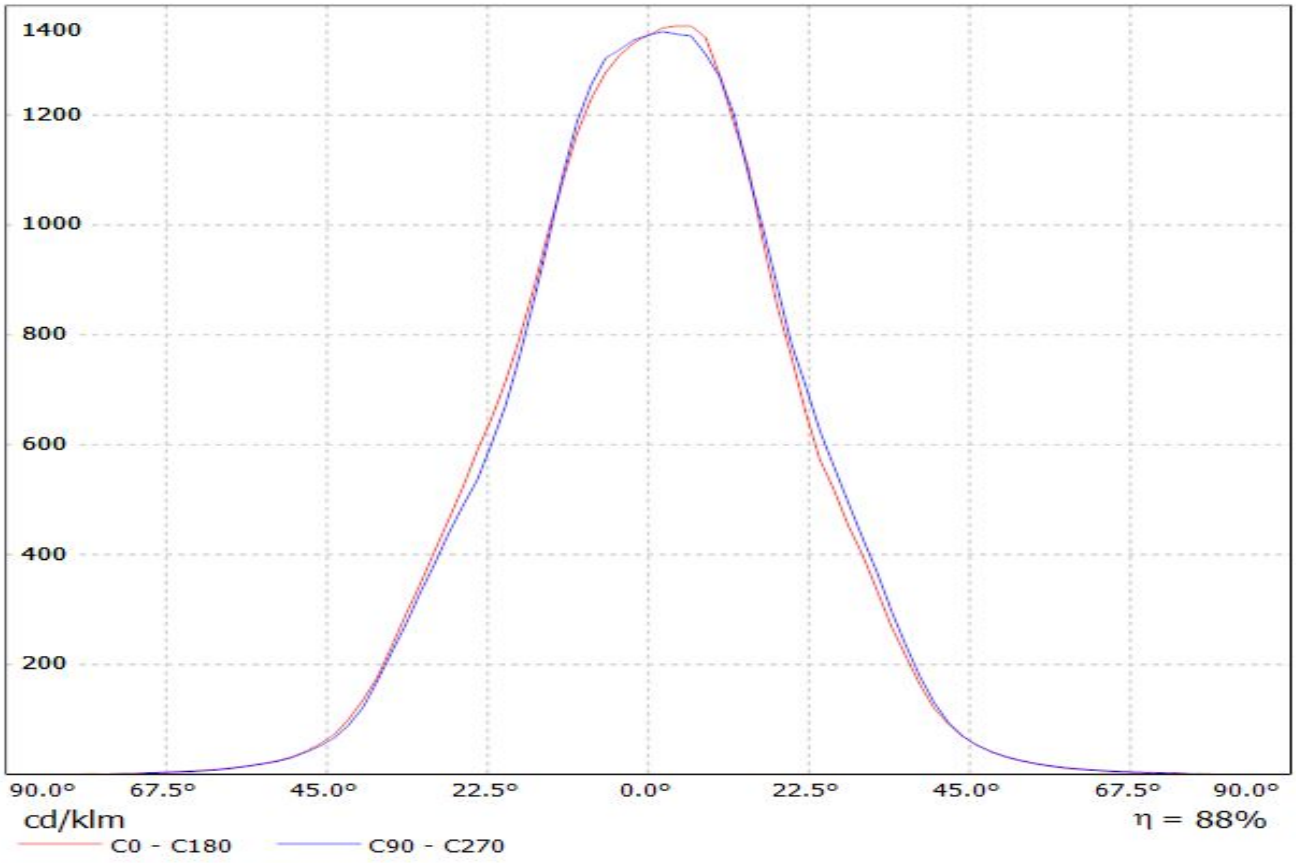
Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWN BY: pl	DATE: 20.06.2012	DRAWING TITLE: Datasheet Lisa2-Pin-XT Series Assy			
CHECKED BY	DATE	SIZE: A4	DRAWING NUMBER		REV: 1
DESIGNED BY: pl	DATE: 20.06.2012	SCALE: 4:1	WEIGHT(g)		SHEET: 1/1

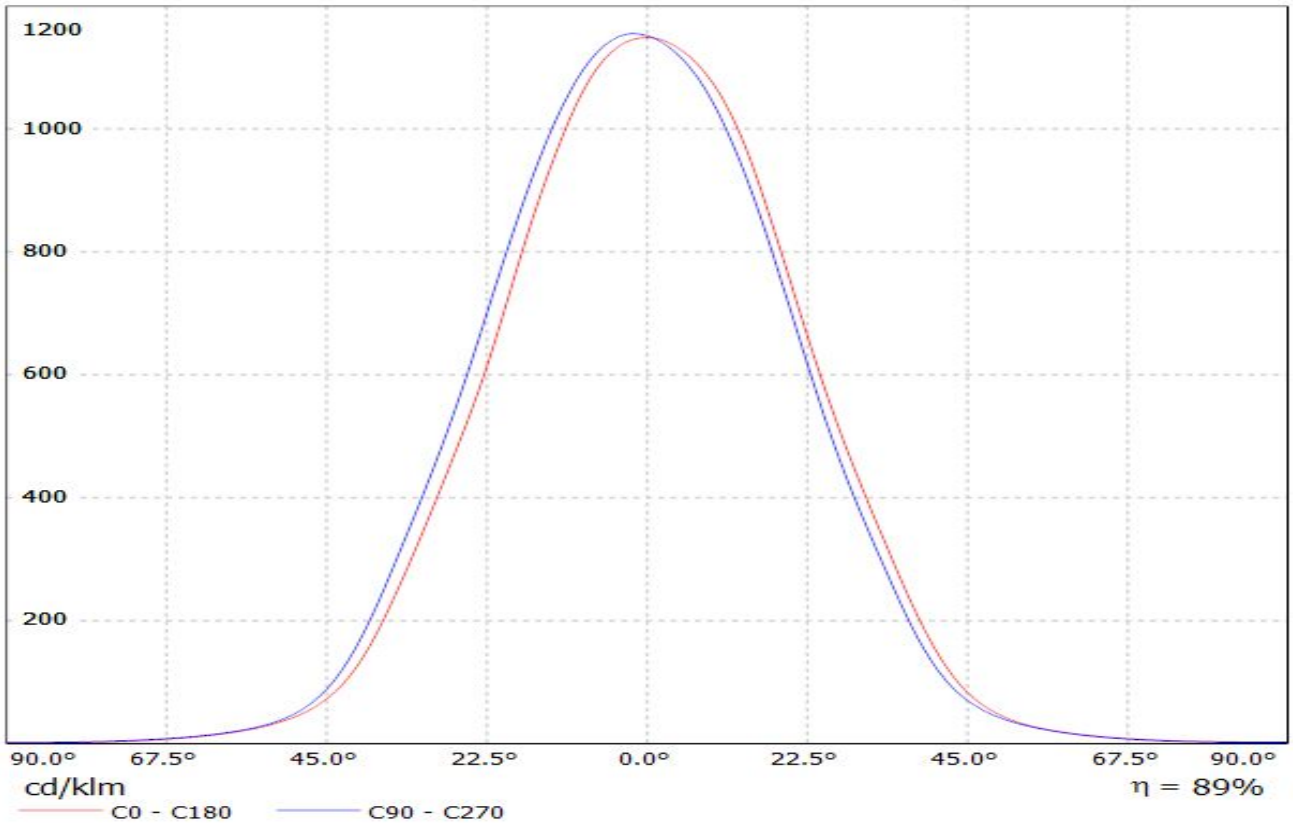
Luminaire: Ledil Oy FP13026&FP13029_LISA2-WW-PIN_(NCSxx19B) Eff. 86%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



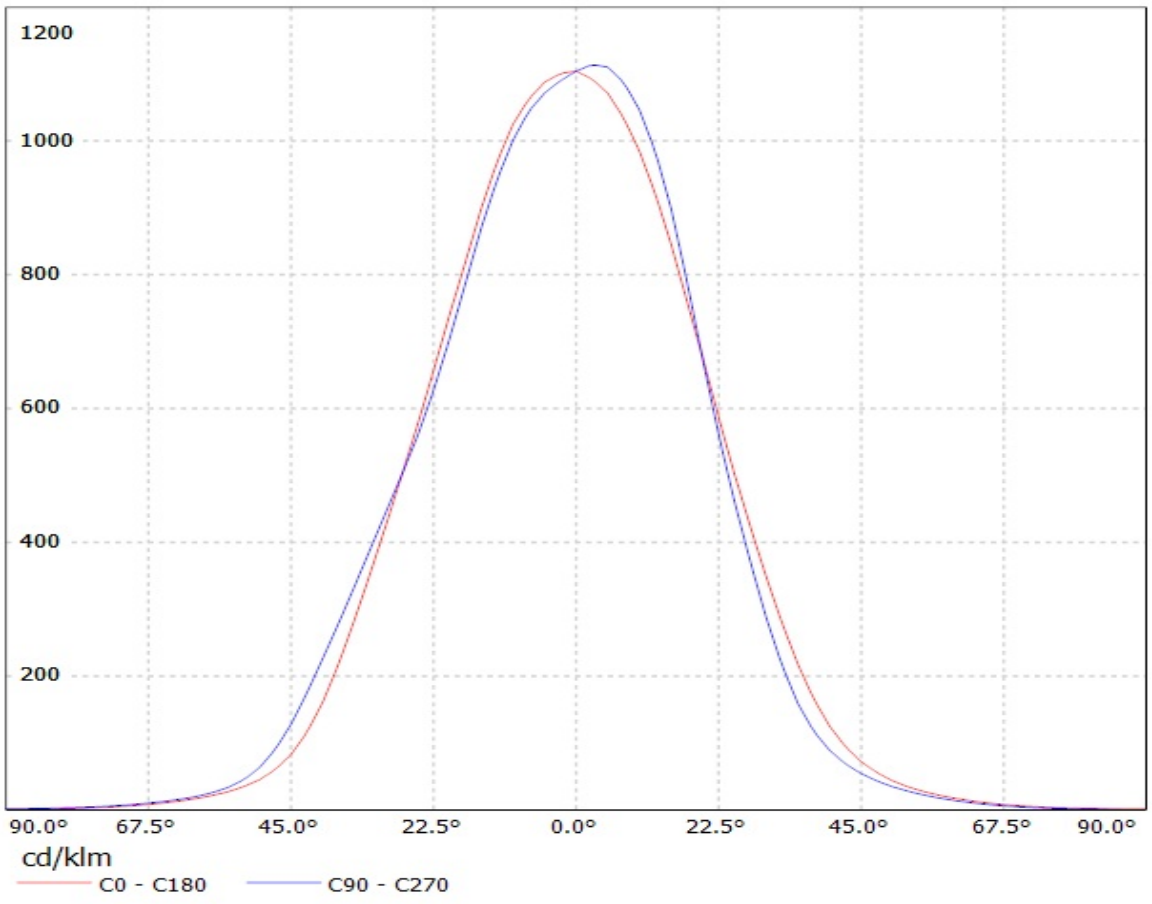
Luminaire: Ledil Oy FP13026&FP13029_LISA2-WW_PIN&CLIP (XP-E2) Eff. 88%
Lamps: 1 x Cree XP-E2 cool white 92lm@250mA CCT=5600K P=0.75W I=250mA



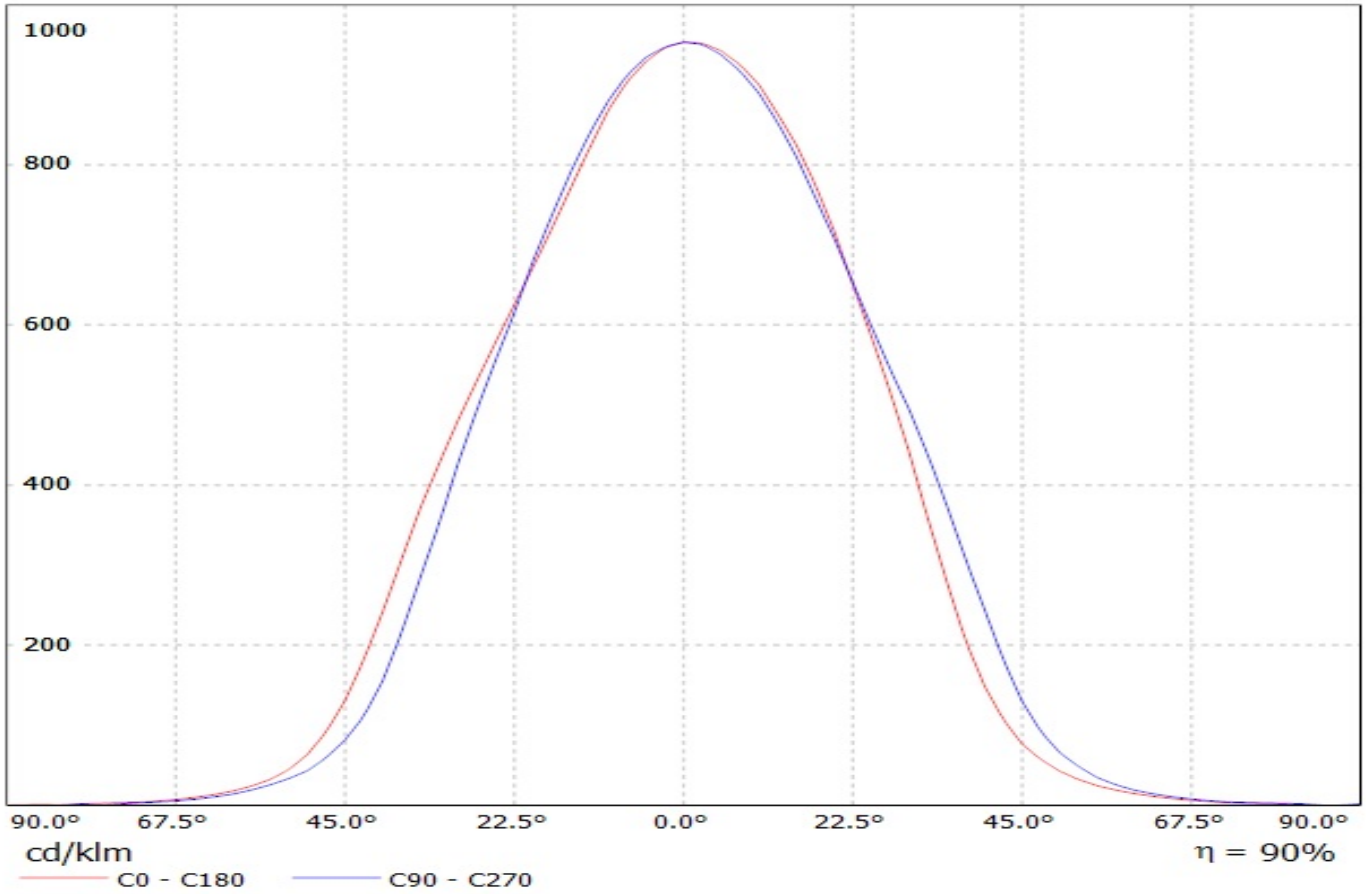
Luminaire: LEDiL Oy FP13026&FP13029_LISA2-WW_(XP-G2) Eff. 89%
Lamps: 1 x Cree_(XP-G2) 104lm@250mA CCT=6600K P=0.76W I=250mA



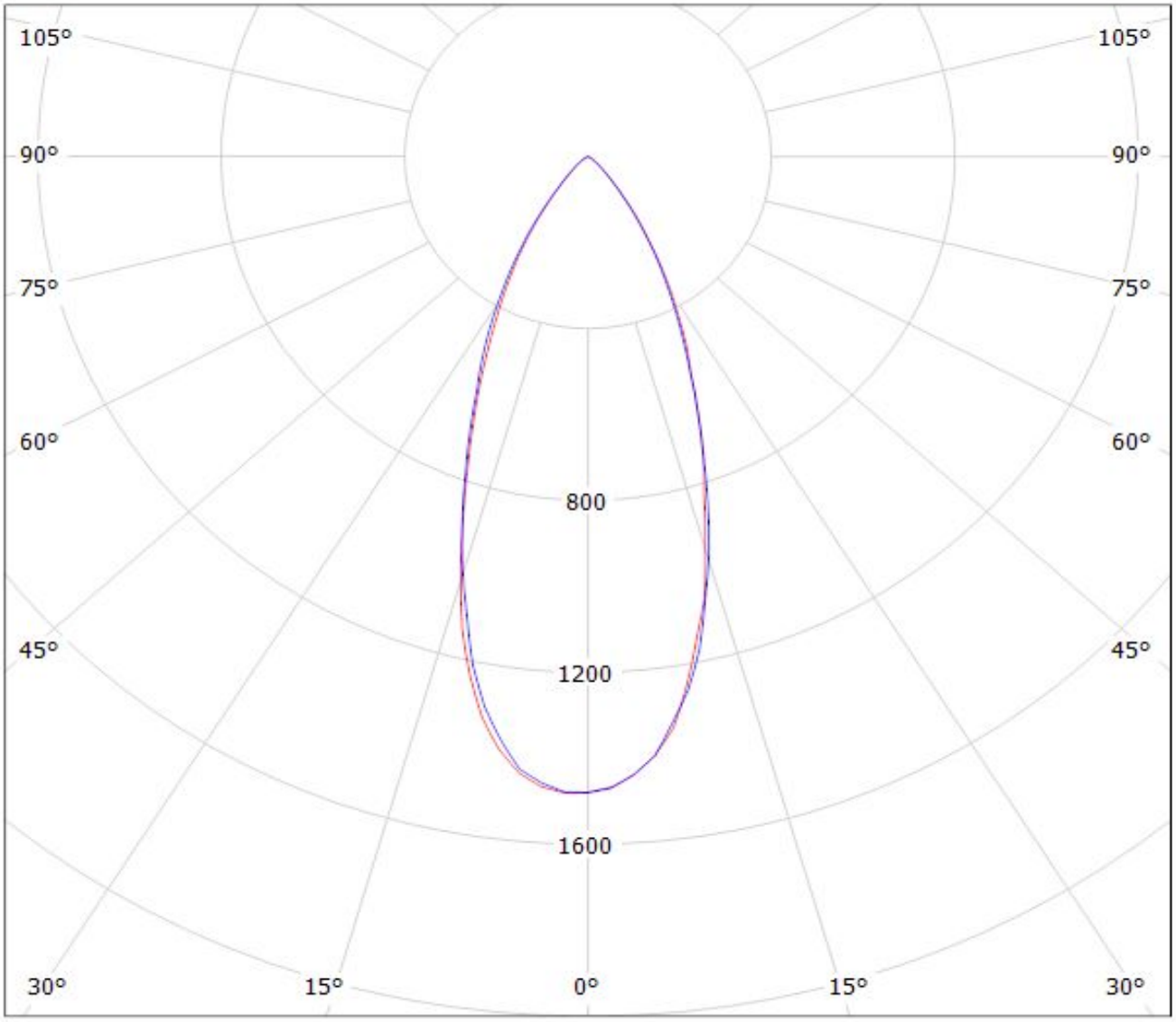
Luminaire: LEDIL OY FP13026_LISA2-WW-PIN & FP13029_LISA2-WW-CLIP-XTE (Cree XT-E 98lm @ 250mA) Efficiency=84%
Lamps: 1 x CREE XT-E (98.9lm)



Luminaire: LEDil Oy FP13026_LISA2-WW-PIN_(LH351Z)
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



Luminaire: Ledil Oy FP13026&FP13029_LISA2-WW-PIN_(NCSxx19B) Eff. 86%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA

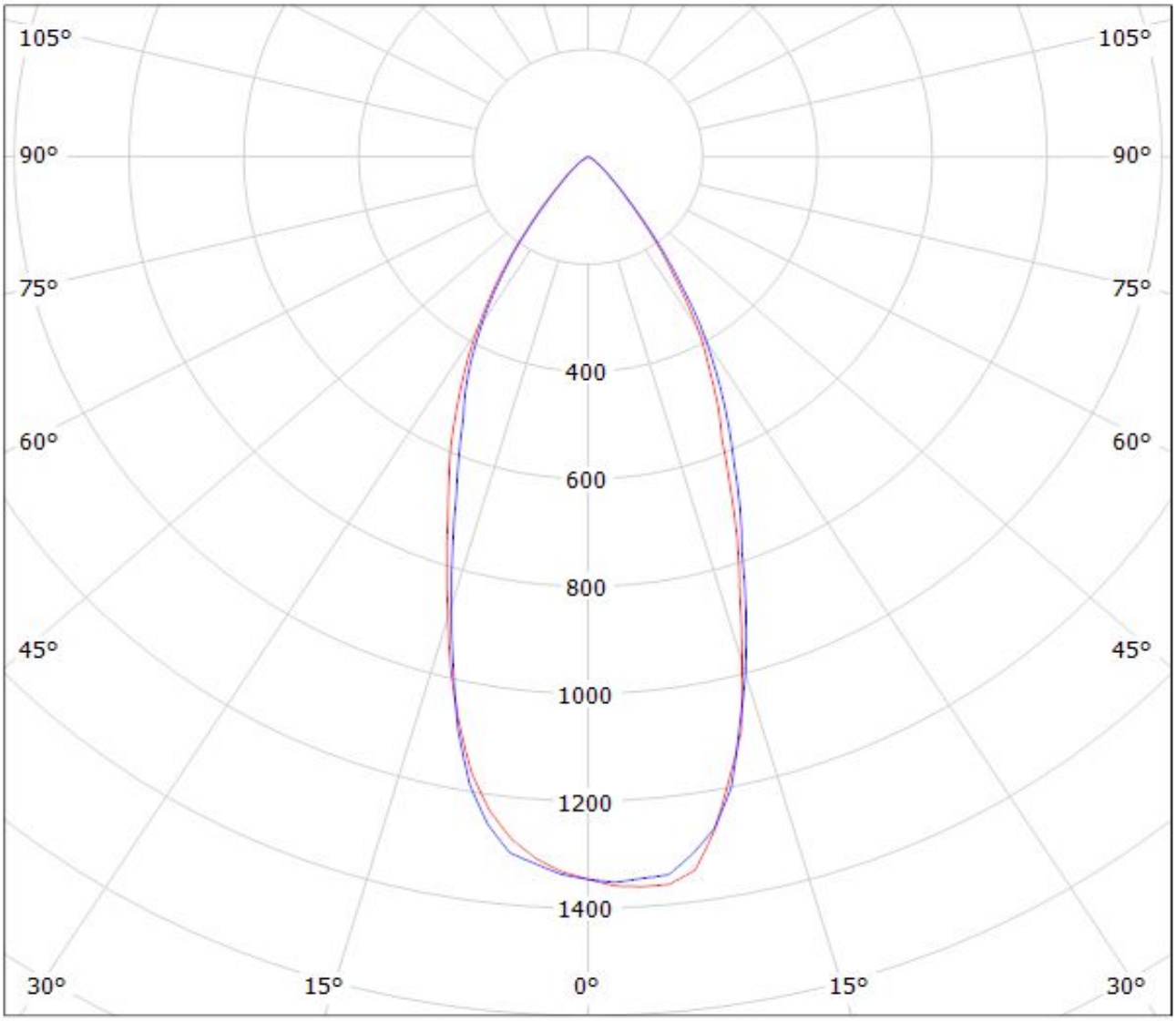


cd/klm

η = 87%

C0 - C180 C90 - C270

Luminaire: Ledil Oy FP13026&FP13029_LISA2-WW_PIN&CLIP (XP-E2) Eff. 88%
Lamps: 1 x Cree XP-E2 cool white 92lm@250mA CCT=5600K P=0.75W I=250mA

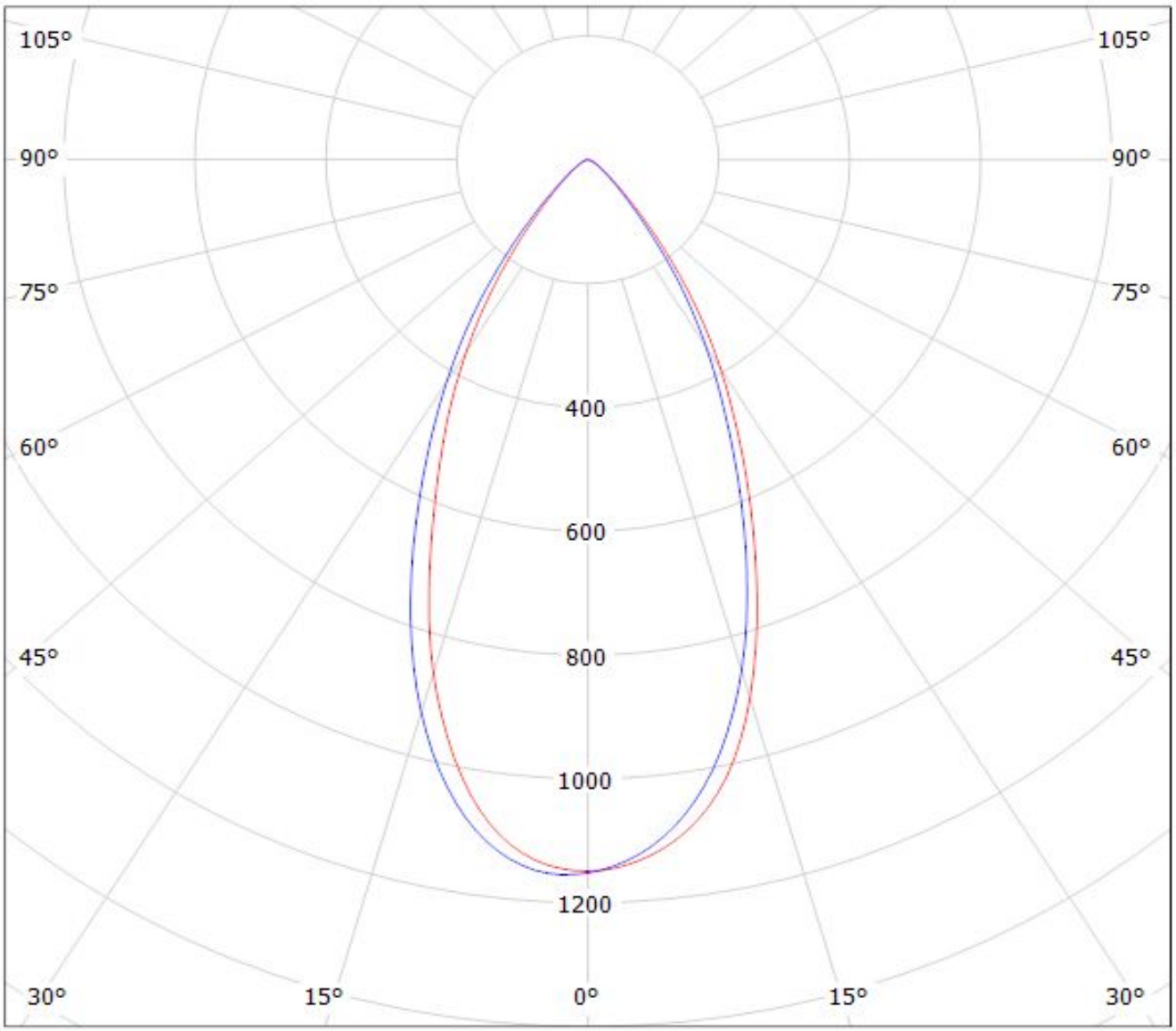


cd/klm

η = 88%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy FP13026&FP13029_LISA2-WW_(XP-G2) Eff. 89%
Lamps: 1 x Cree_(XP-G2) 104lm@250mA CCT=6600K P=0.76W I=250mA

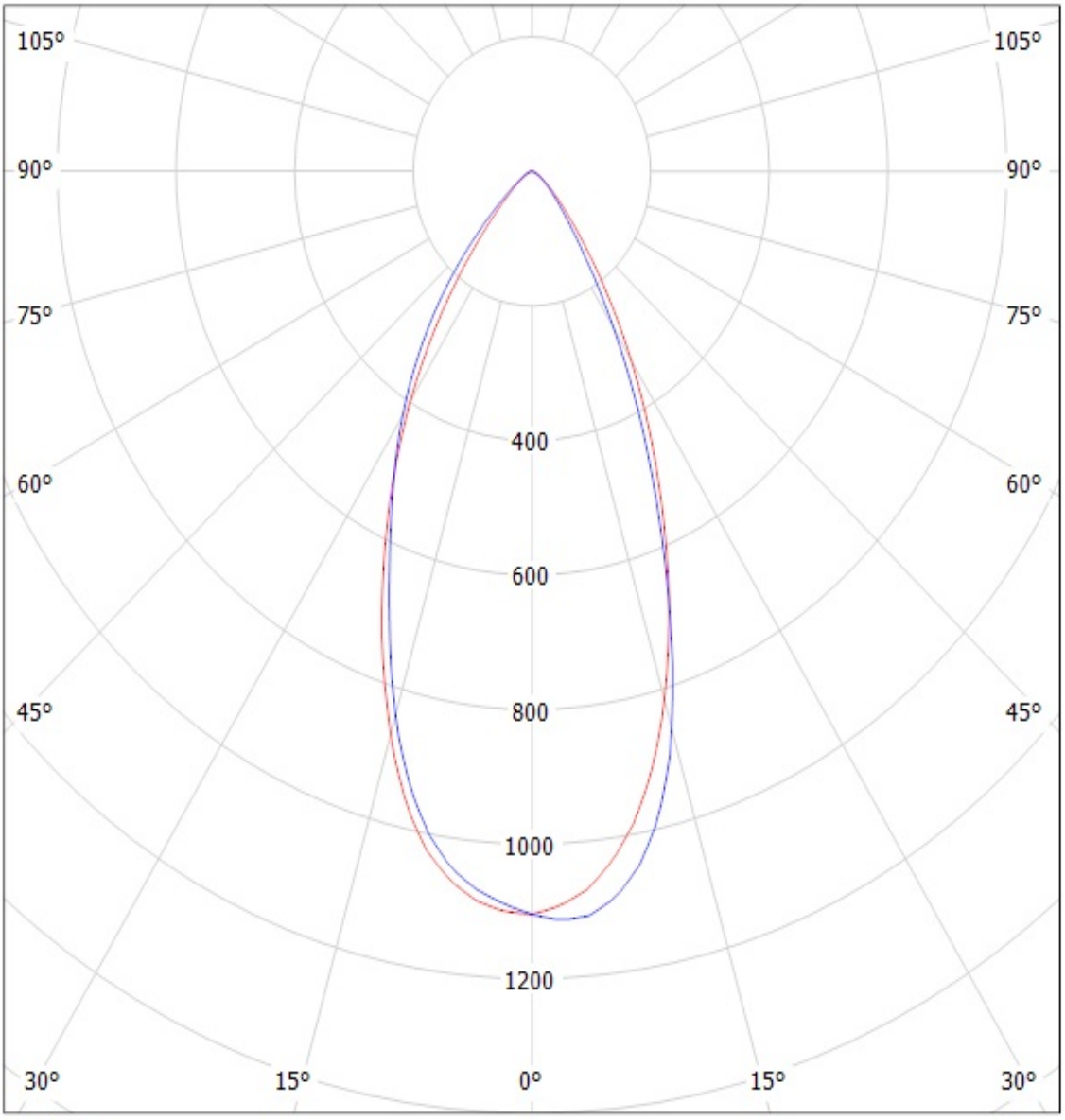


cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: LEDIL OY FP13026_LISA2-WW-PIN & FP13029_LISA2-WW-CLIP-XTE (Cree XT-E 98lm @ 250mA) Efficiency=84%
Lamps: 1 x CREE XT-E (98.9lm)



Luminaire: LEDil Oy FP13026_LISA2-WW-PIN_(LH351Z)
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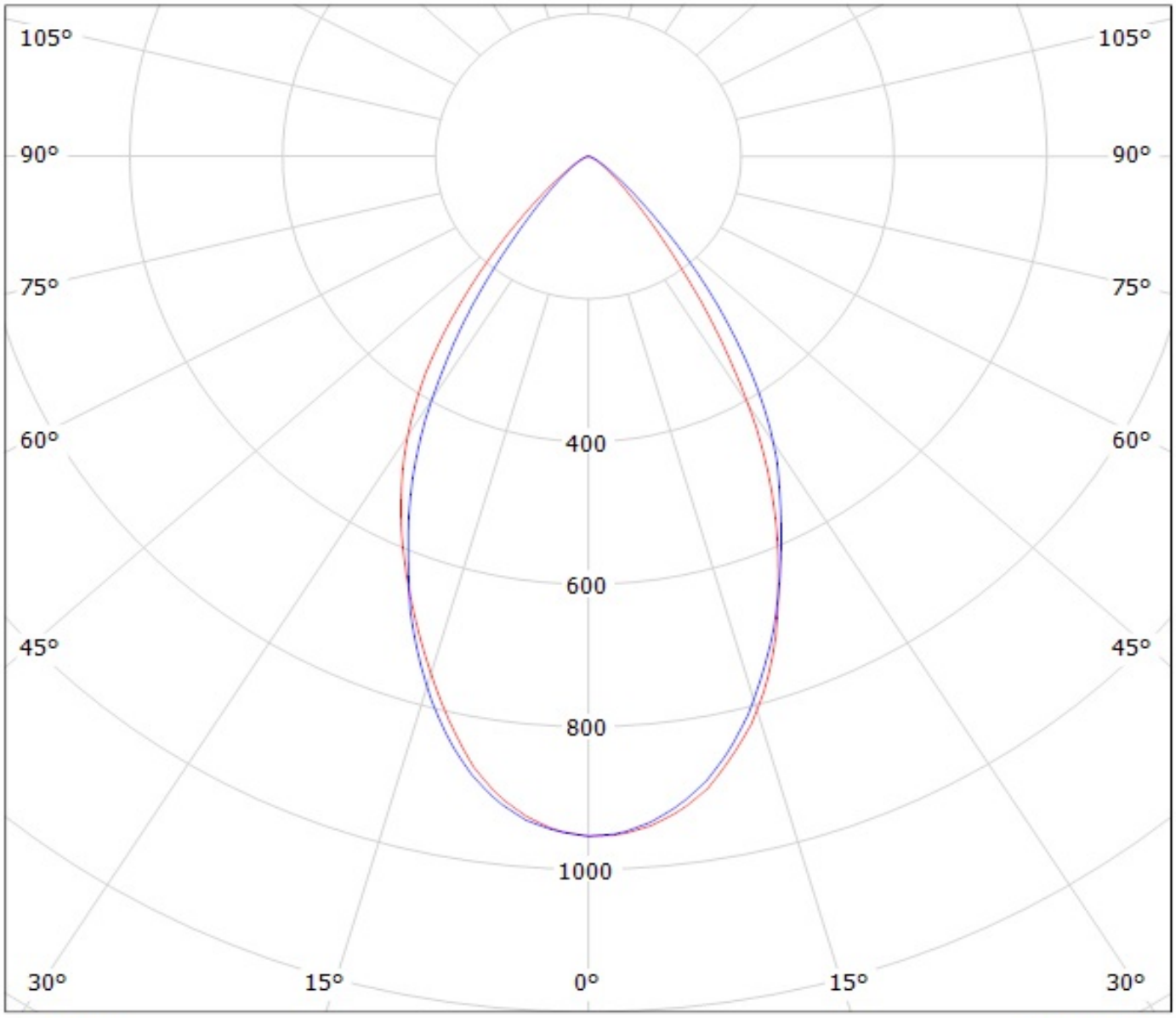

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.