PRODUCT DATASHEET
High Bay series
last update 6/2/2014

DETAILS

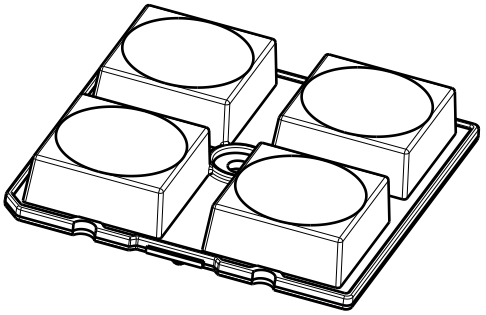
Product Number	C13605_HB-2X2-RW
Family	High Bay
Type	Lens array
Color	clear
Diameter	50x50 mm
Height	8.5 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin, glue
Status	ready
ROHS Comliant	Yes
Date Updated	6/02/2014

OPTICAL PROPERTIES

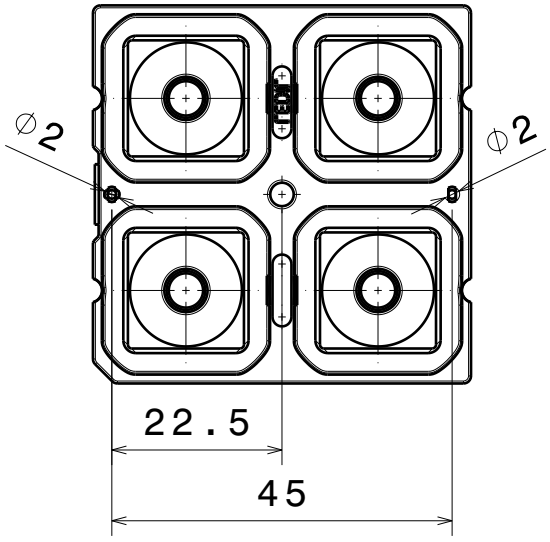
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
XT-E	44 degrees		91 %	1.600	-
XB-D	46 degrees		88 %	1.600	-
Oslon SSL 80	46 degrees		90 %	1.700	-
XP-G2	48 degrees		91 %	1.400	-
NCSxx19A	49 degrees		90 %	1.500	-
Z5M1	49 degrees		90 %	1.400	-
Oslon Square PC	50 degrees		90 %	1.400	-
XP-G	50 degrees		89 %	1.300	-
XP-E	51 degrees		89 %	1.400	-
NVSxx19B	51 degrees		90 %	1.300	-

Ledil Oy
Salorankatu 10
24240 SALO
Finland

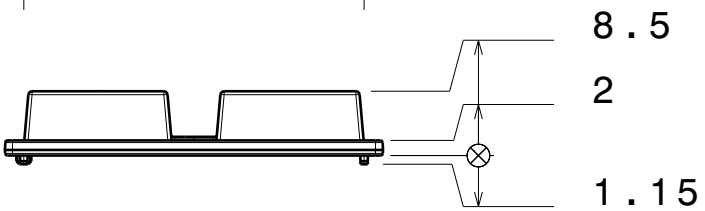
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



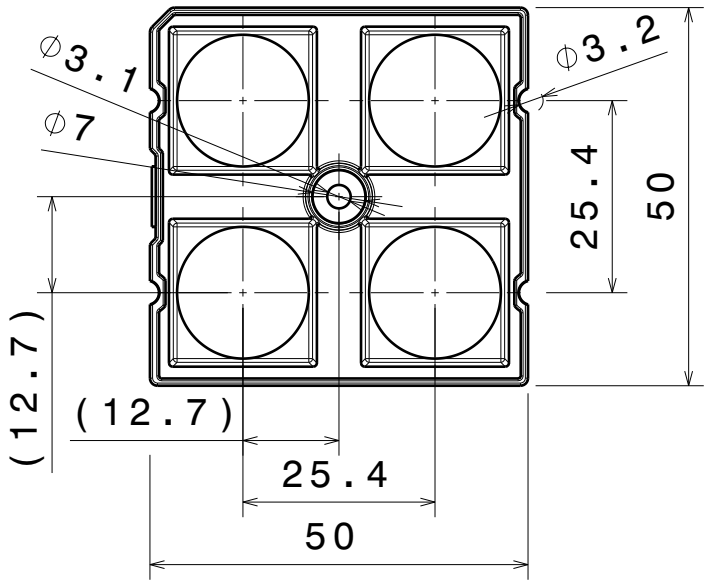
Bottom view



Front view



Top view

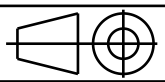


INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13605	HB-2x2-RW	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.
According to DIN ISO 2768-2
Form and position: class K

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



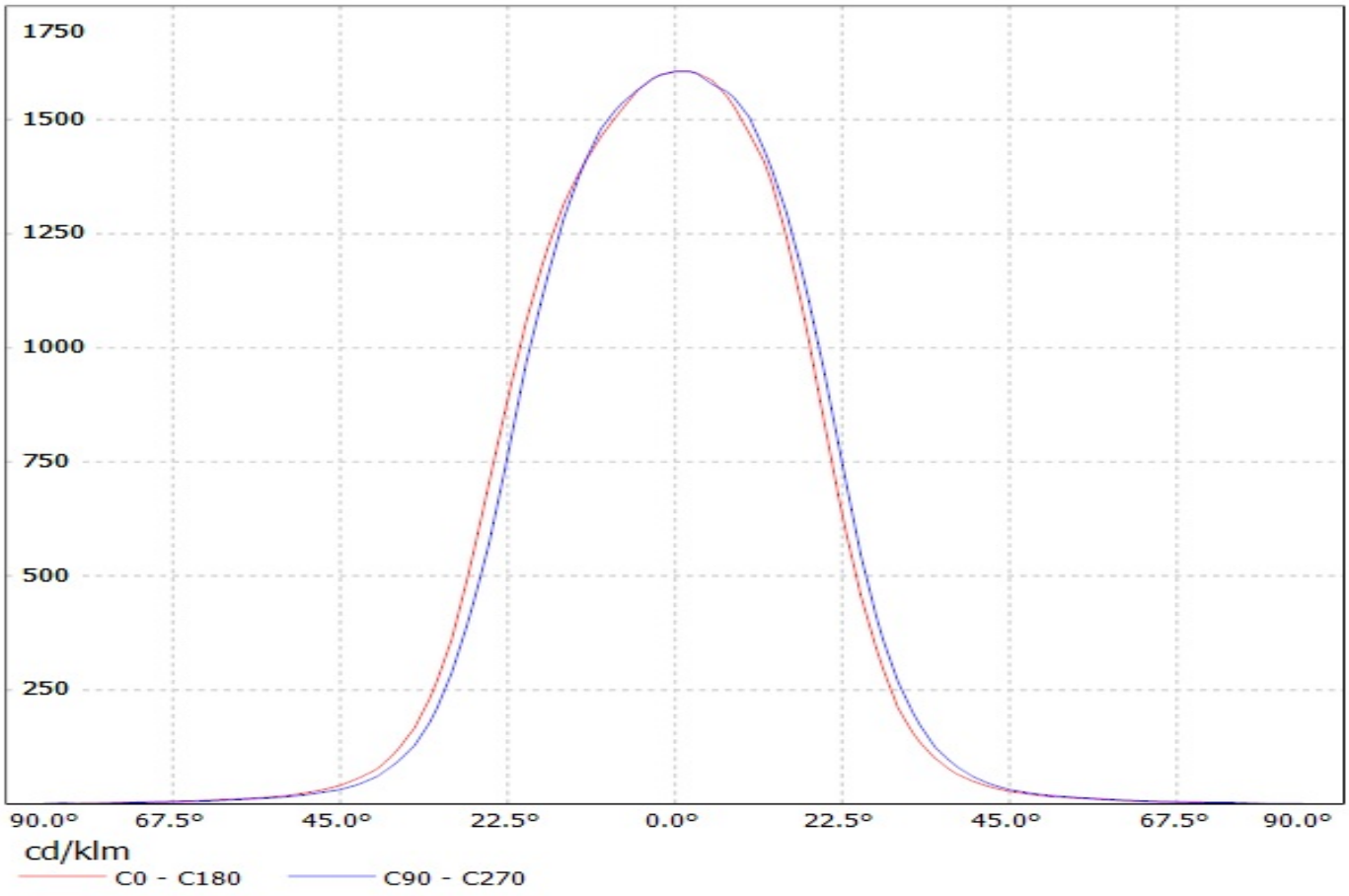
DRAWING TITLE

C13605_HB-2x2-RW

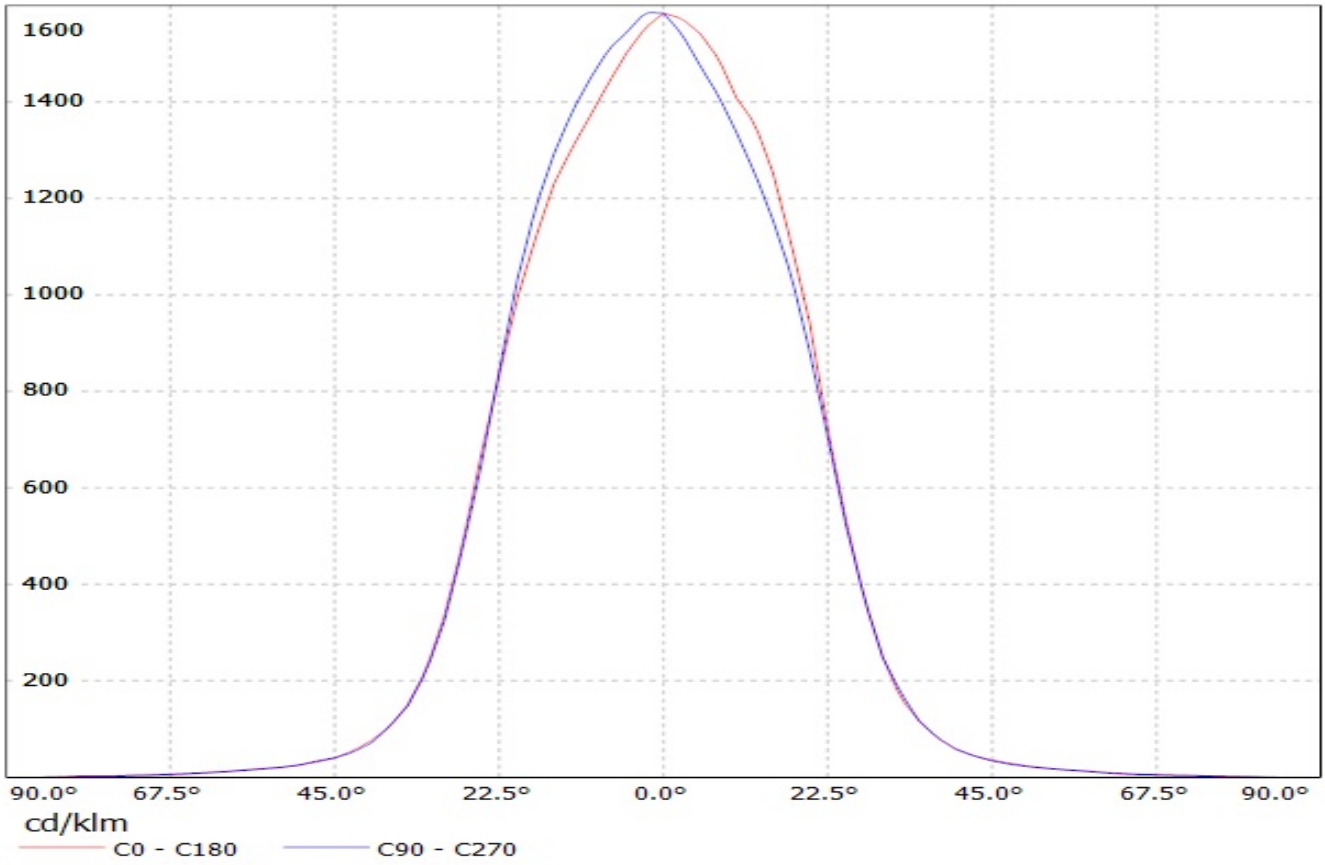
SIZE	PART NUMBER
A4	C13605

SCALE	WEIGHT		SHEET
1:1	- g		1/1

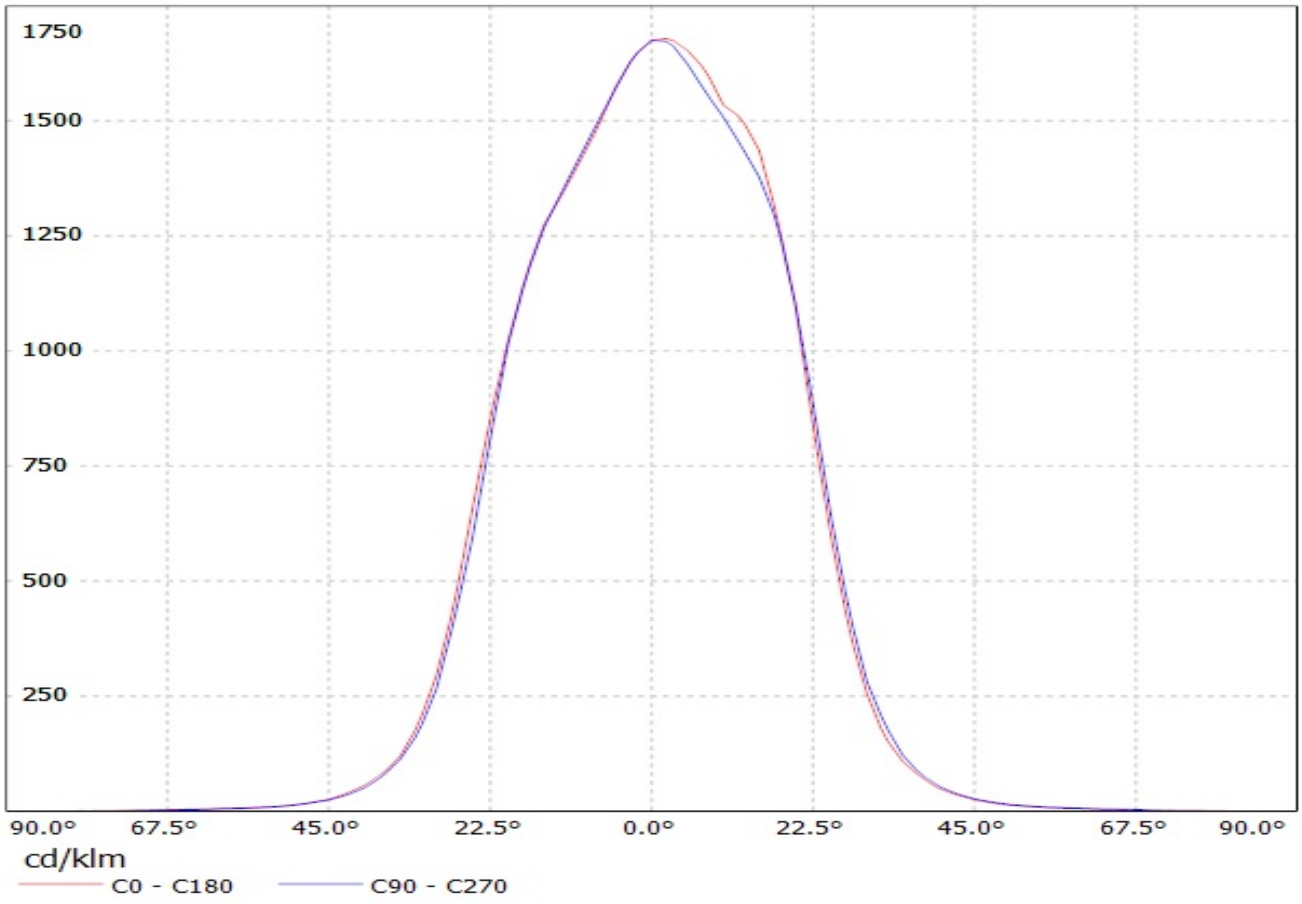
Luminaire: Ledil Oy C13605_HB-2X2-RW (Cree XT-E 390lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XT-E 390lm @ 250mA CCT=5717K P=3W I=250mA



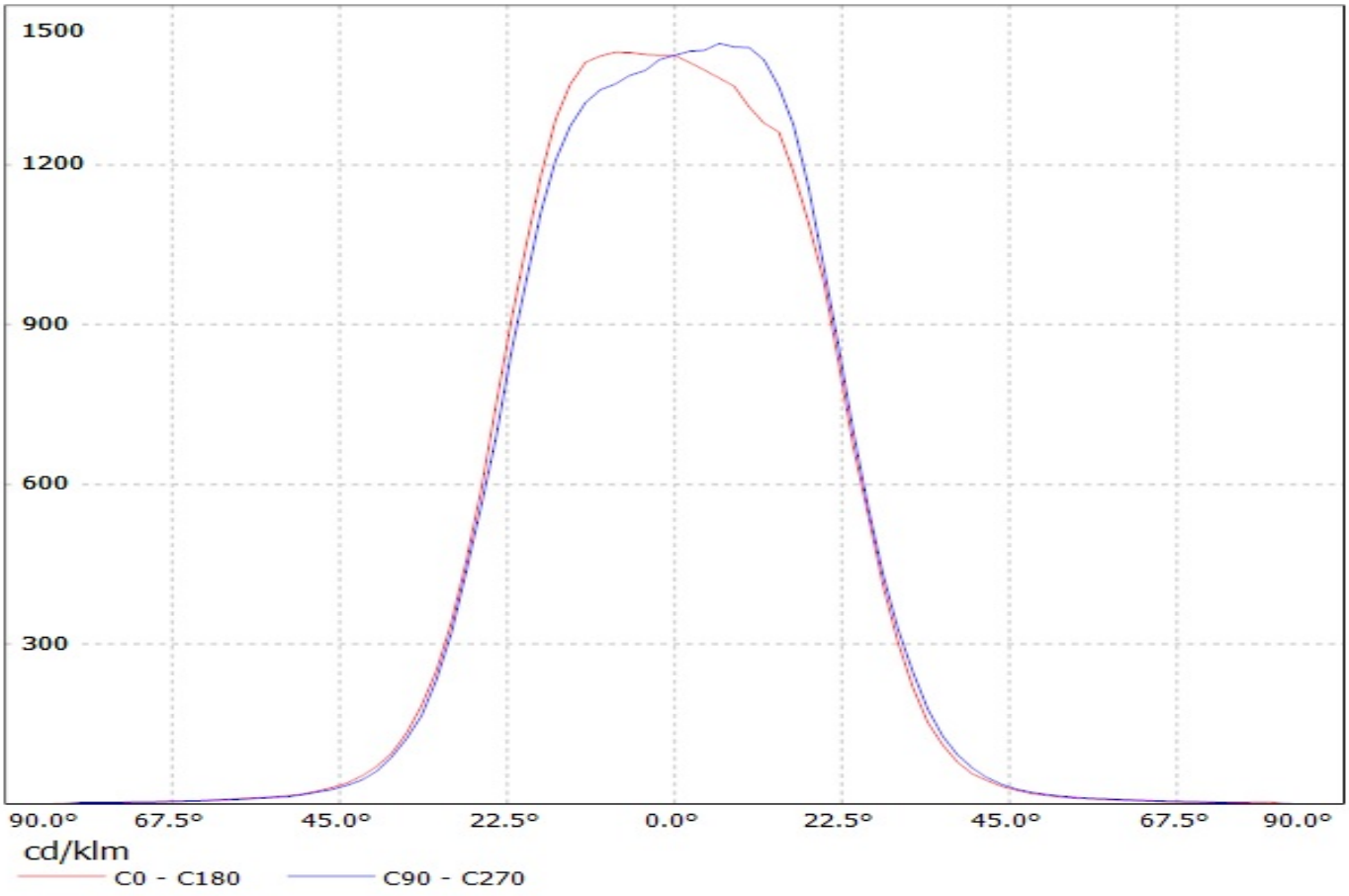
Luminaire: Ledil Oy C13605_HB-2X2-RW_(XB-D) Efficiency=88%
Lamps: 1 x Cree XB-D (365lm @ 250mA) CCT=6800K P=3.1W I=250mA



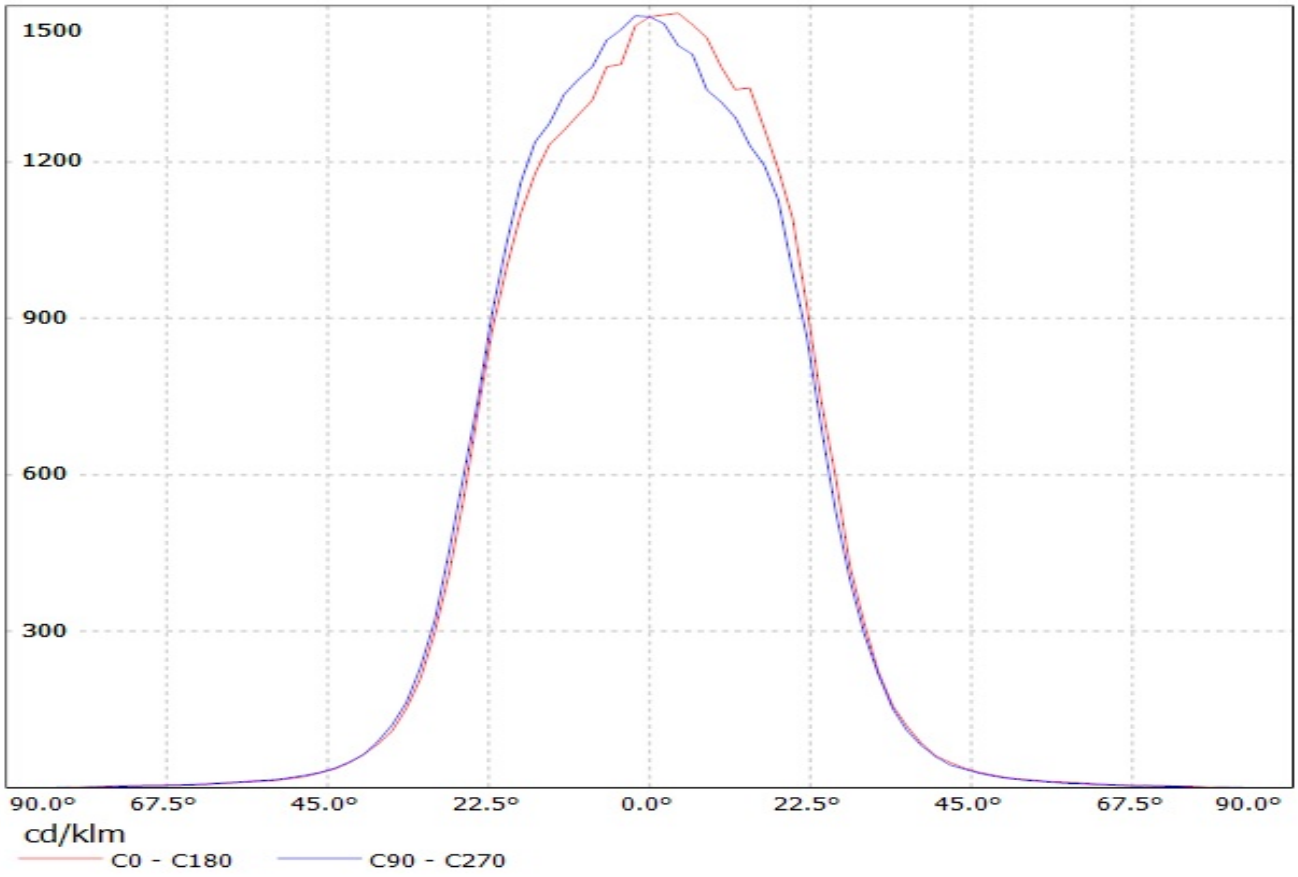
Luminaire: Ledil Oy C13605_HB-2X2-RW_(SSL_80) Efficiency=90%
Lamps: 1 x Osram Oslon SSL 80 (310lm @ 250mA) CCT=6800K P=3.2W I=250mA



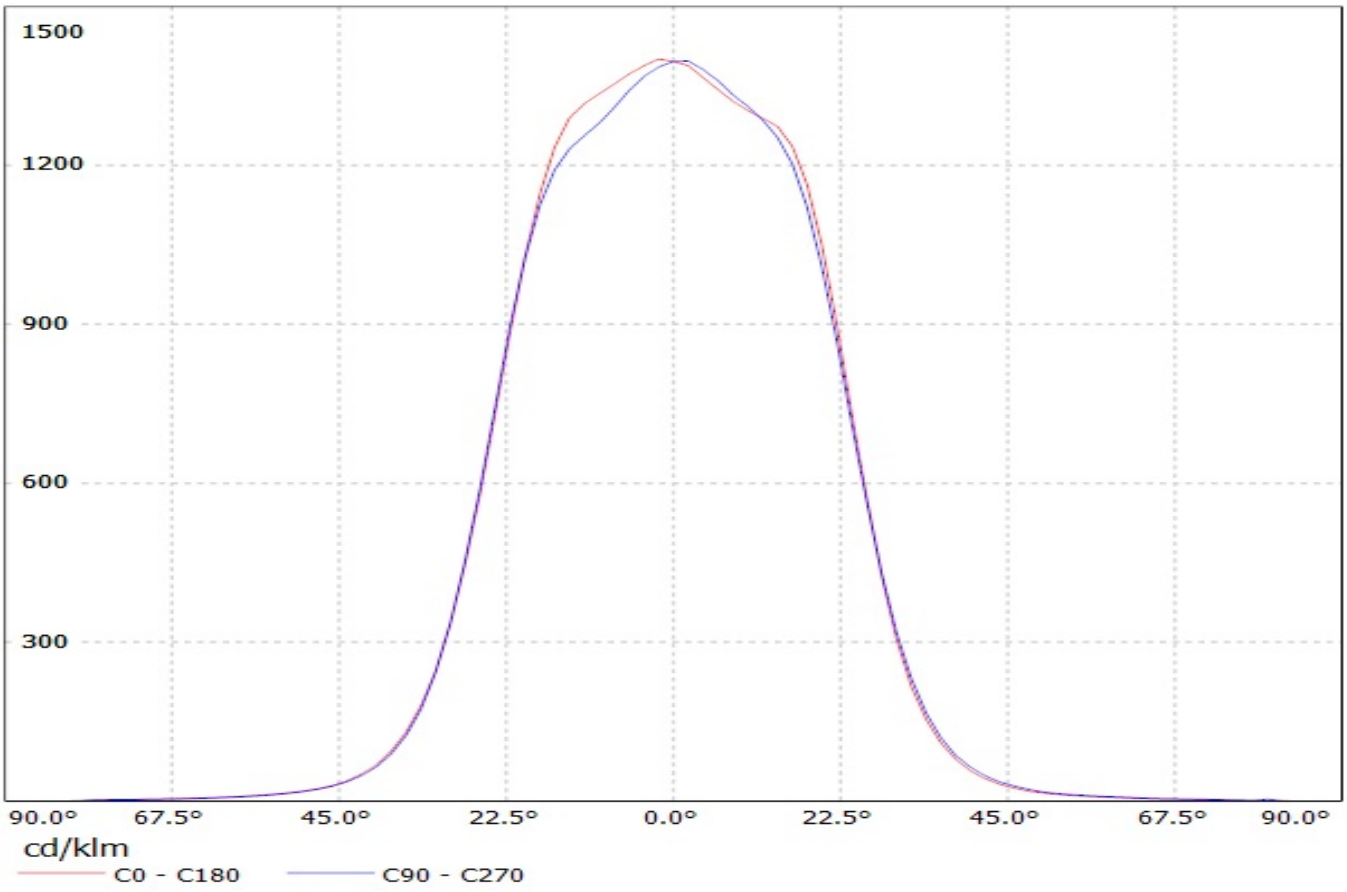
Luminaire: Ledil Oy C13605_HB-2X2-RW (Cree XP-G2 408lm lm @ 250mA) Efficiency=91%
Lamps: 1 x Cree XP-G2 408lm lm @ 250mA CCT=7181K P=3W I=250mA



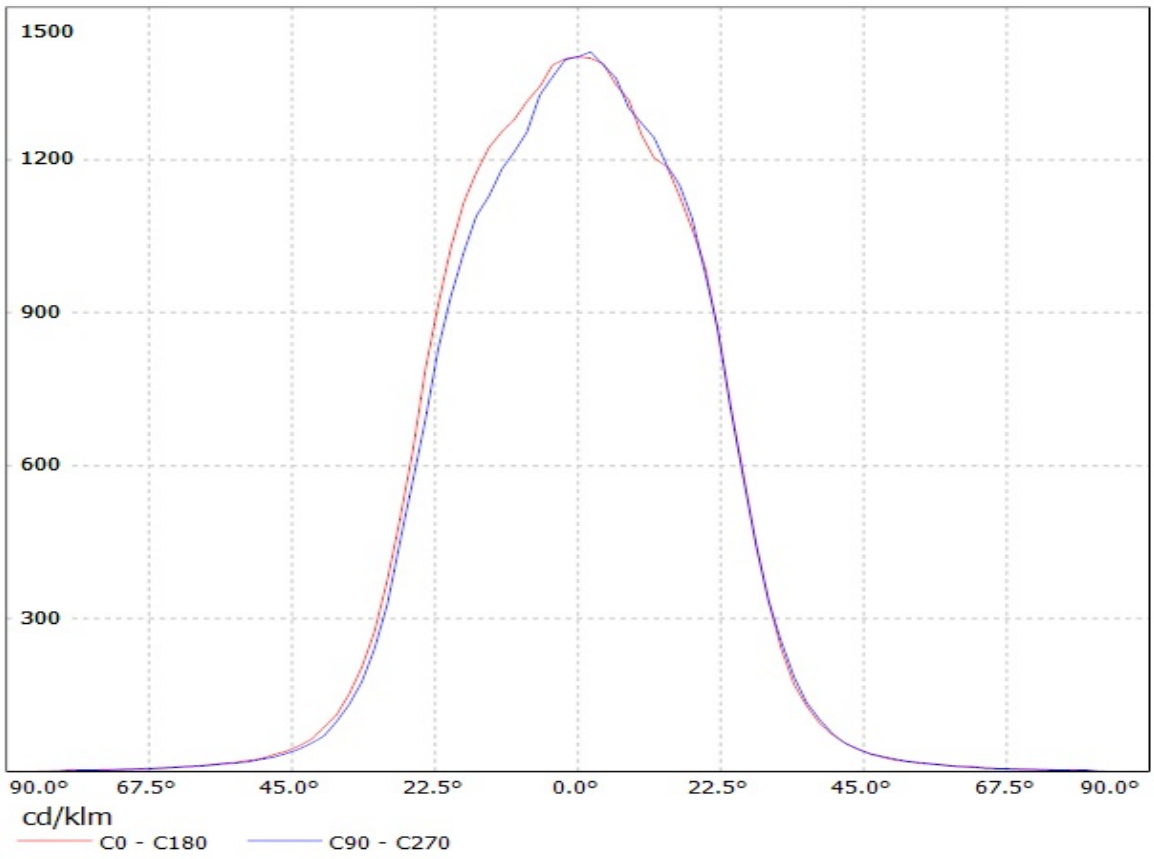
Luminaire: Ledil Oy C13605_HB-2X2-RW_(NCSxx19A) Efficiency=90%
Lamps: 1 x Nichia NCSxx19A (NCSL119AT-H1) (229lm @ 250mA) CCT=2800K P=3.1W I=250mA



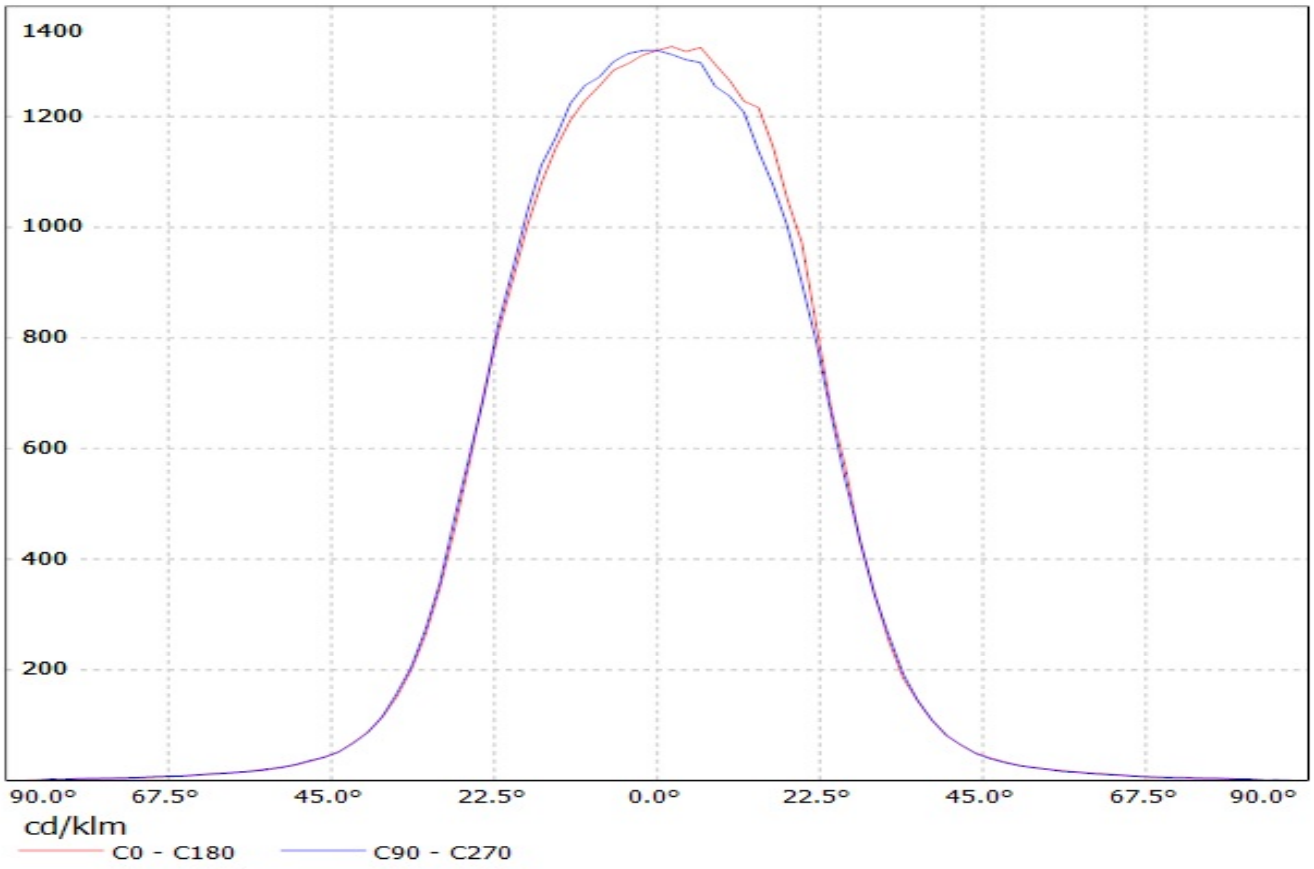
Luminaire: LEDil Oy C13605_HB-2x2-RW_(Z5M1) Efficiency=90%
Lamps: 1 x Seoul (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



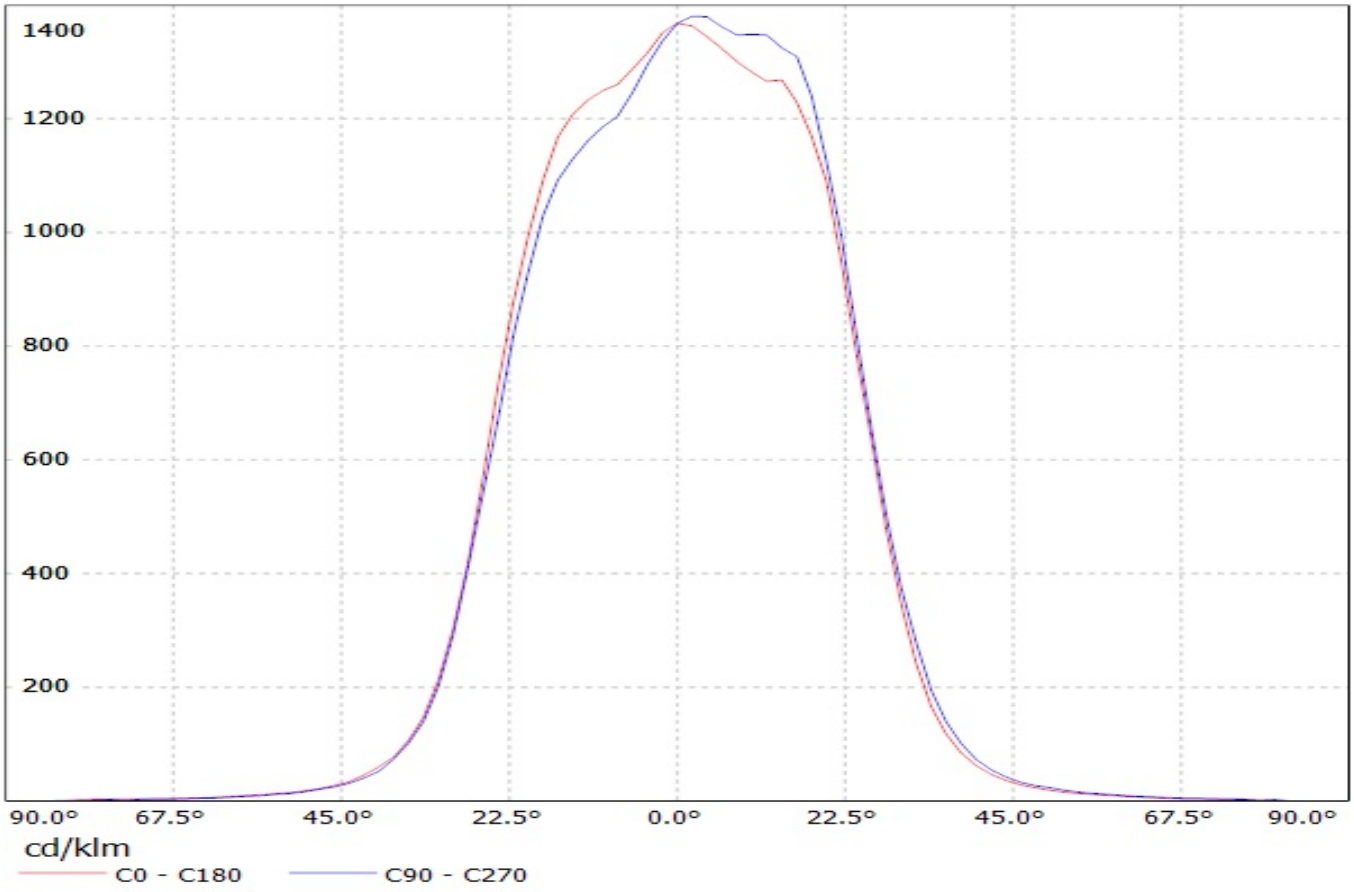
Luminaire: Ledil Oy C13605_HB-2X2-RW_(Oslon_Square_PC) Efficiency=90%
Lamps: 1 x Osram Oslon Square PC (LCW-CQAR.PC-MSMU-5H71-1) 389lm @ 250mA CCT=6000K P=3.0W I=250mA



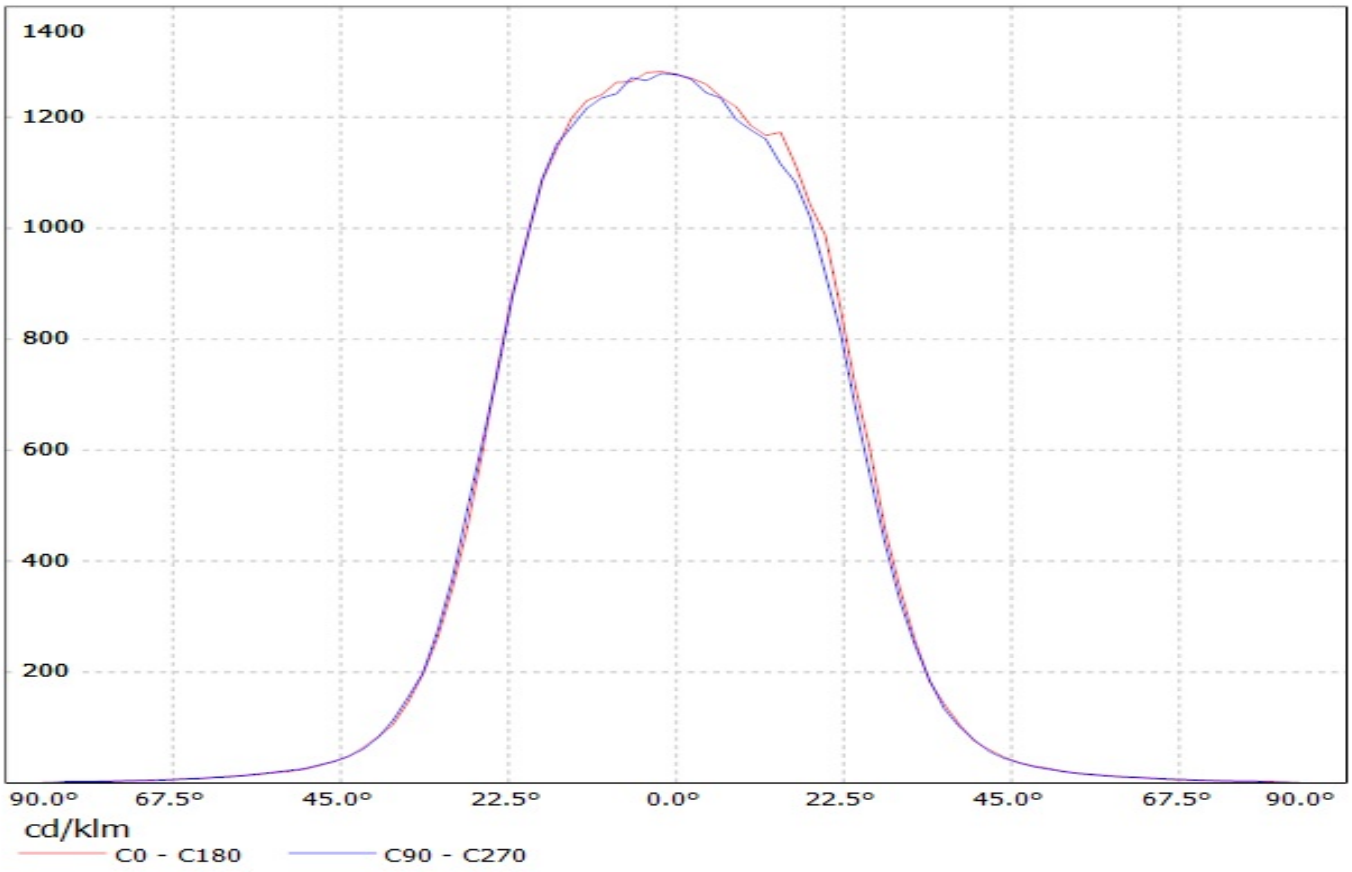
Luminaire: Ledil Oy C13605_HB-2X2-RW_(XP-G) Efficiency=89%
Lamps: 1 x Cree XP-G (254lm @ 250mA) CCT=3300K P=2.9W I=250mA



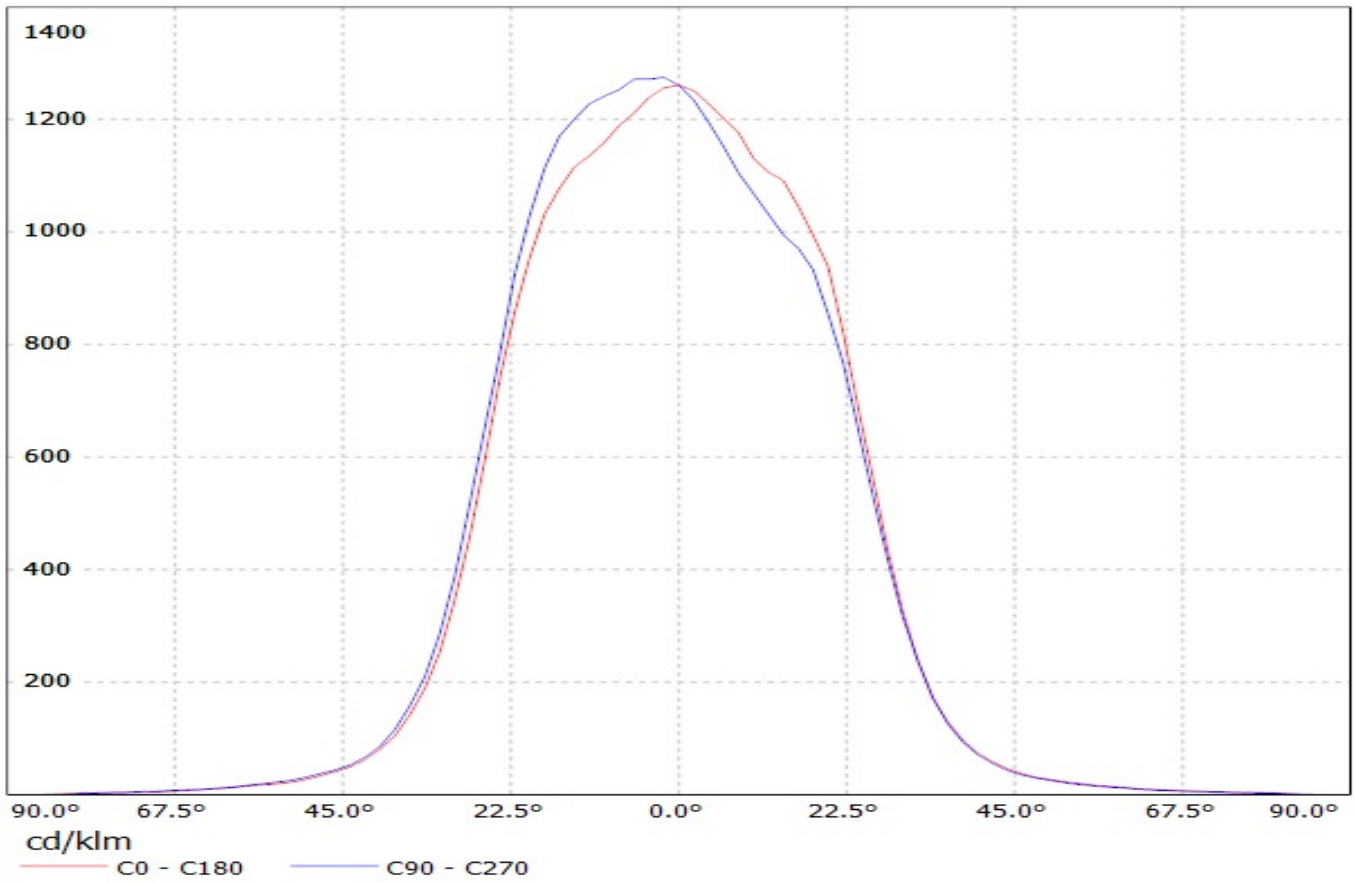
Luminaire: Ledil Oy C13605_HB-2x2-RW_(XP-E) Efficiency=89%
Lamps: 1 x Cree XP-E (XPEWHT-L1-3C0-W5-0-06) 302lm @ 250mA CCT=5400K P=3.1W I=250mA



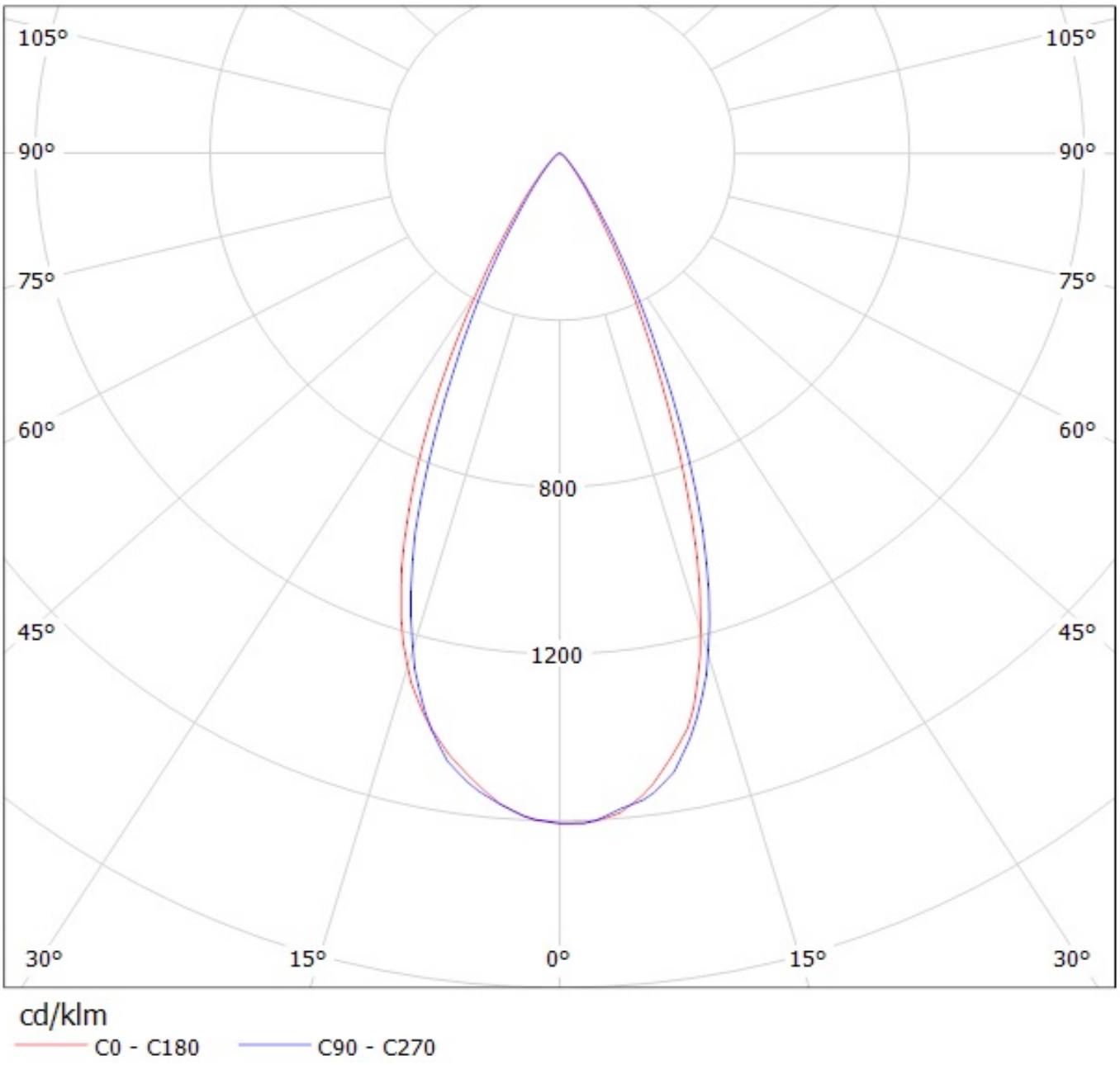
Luminaire: Ledil Oy C13605_HB-2X2-RW_(NVSxx19B) Efficiency=90%
Lamps: 1 x Nichia NVSxx19B (NVSL219BE) 308lm @ 250mA CCT=3100K P=2.9W I=250mA



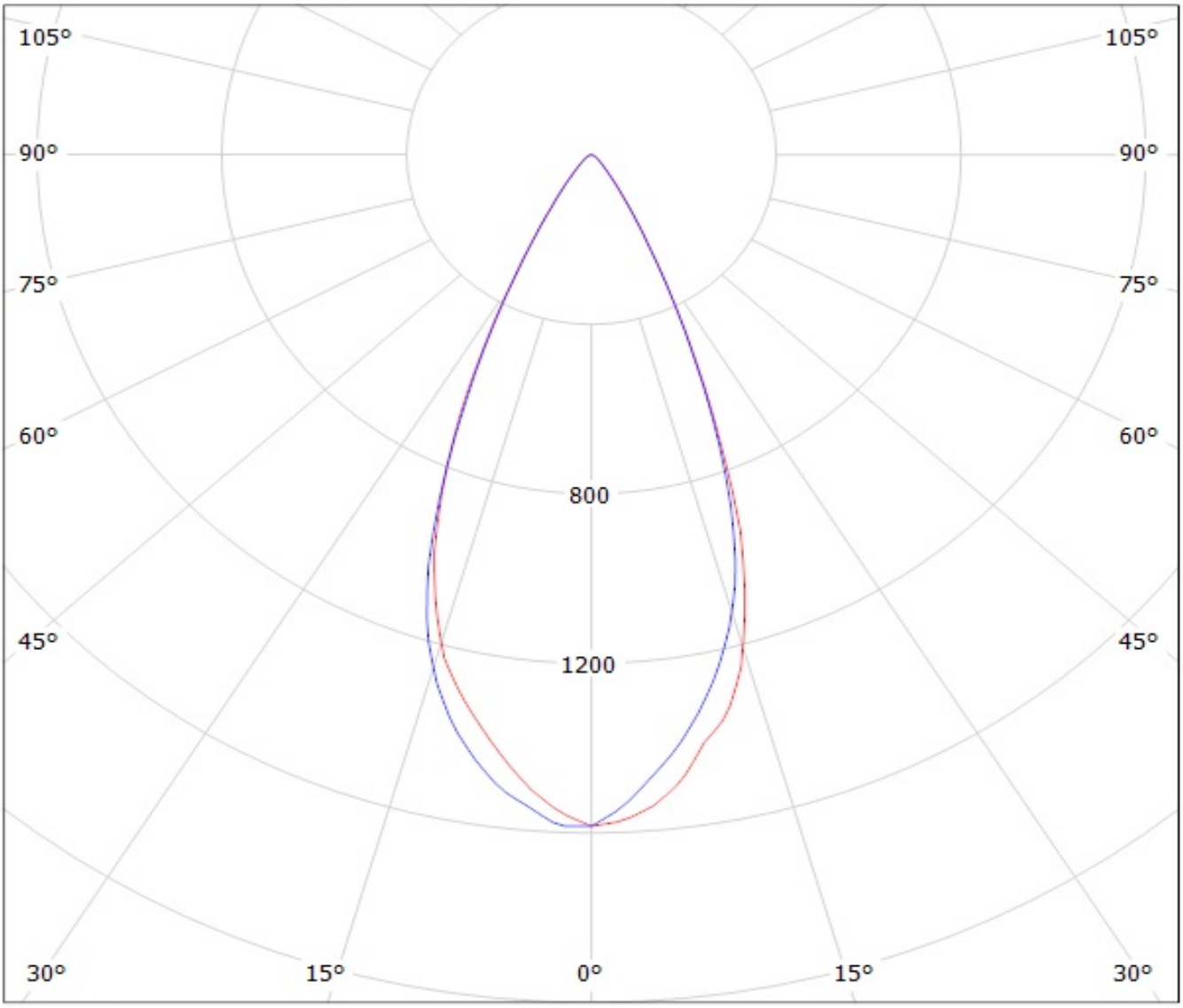
Luminaire: Ledil Oy C13605_HB-2x2-RW_(NVSxx19A) Efficiency=88%
Lamps: 1 x Nichia NVSxx19A (NVS219AT) 382lm @ 250mA CCT=5290K P=2.9W I=250mA



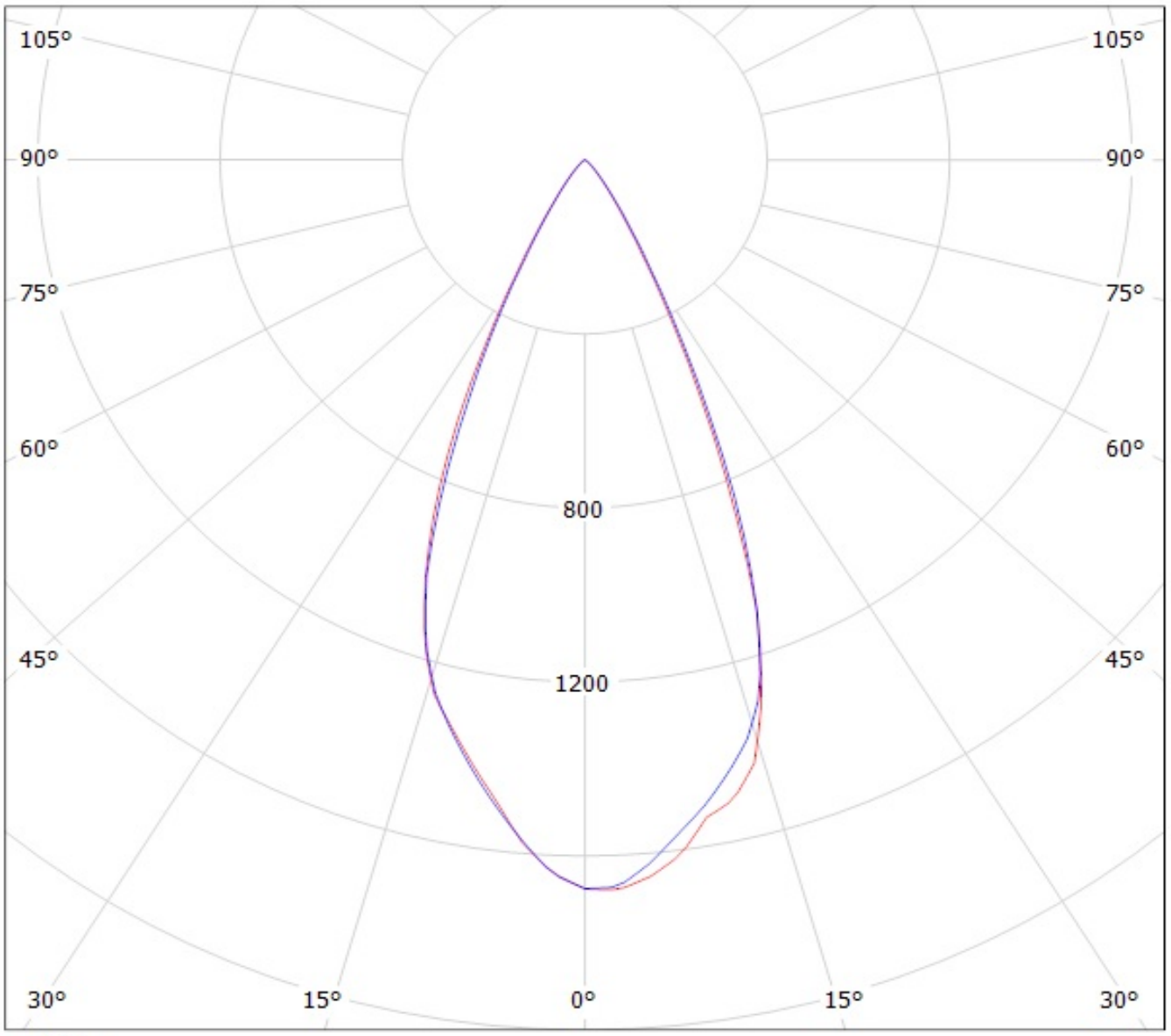
Luminaire: Ledil Oy C13605_HB-2X2-RW (Cree XT-E 390lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XT-E 390lm @ 250mA CCT=5717K P=3W I=250mA



Luminaire: Ledil Oy C13605_HB-2X2-RW_(XB-D) Efficiency=88%
Lamps: 1 x Cree XB-D (365lm @ 250mA) CCT=6800K P=3.1W I=250mA



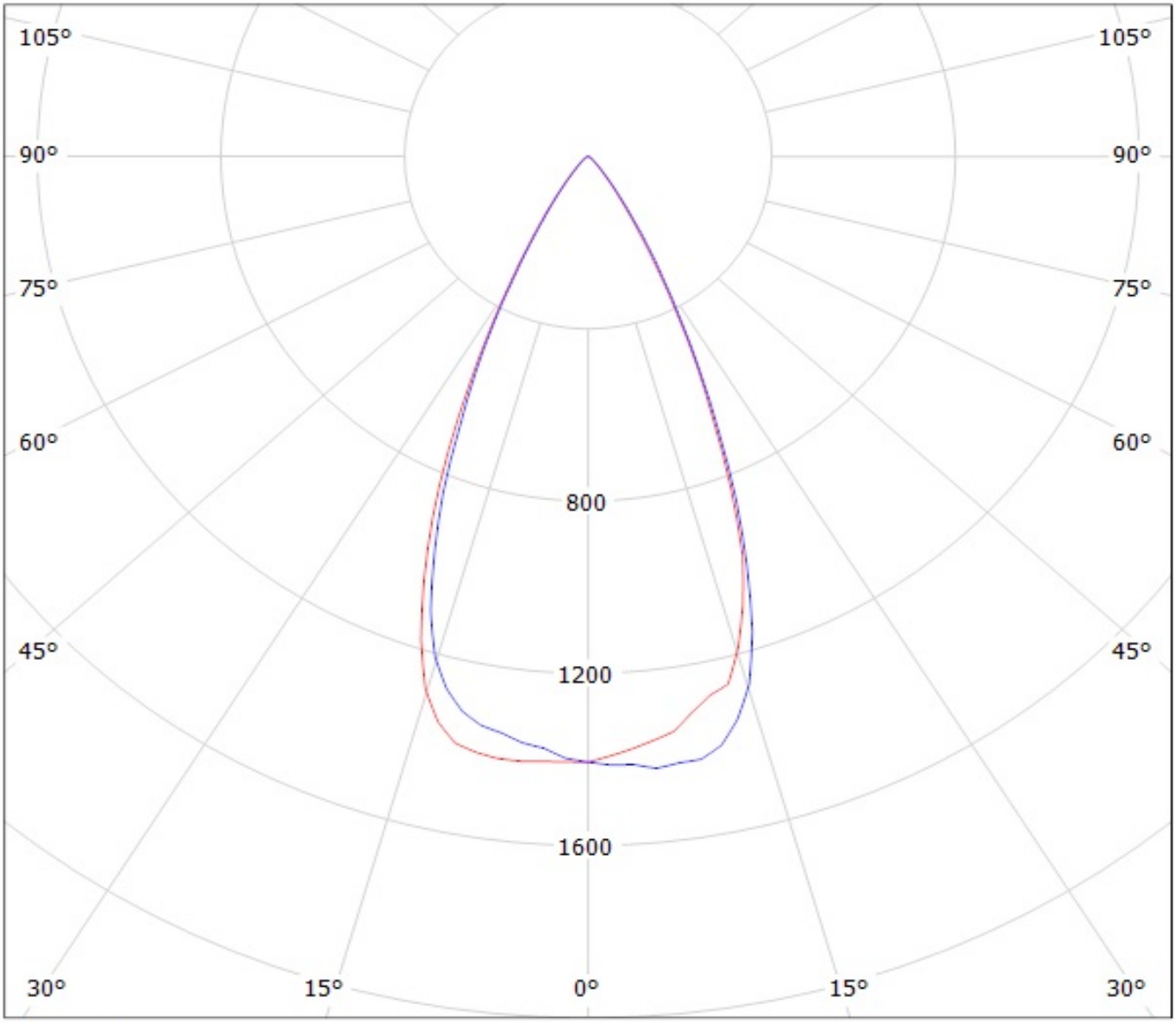
Luminaire: Ledil Oy C13605_HB-2X2-RW_(SSL_80) Efficiency=90%
Lamps: 1 x Osram Oslon SSL 80 (310lm @ 250mA) CCT=6800K P=3.2W I=250mA



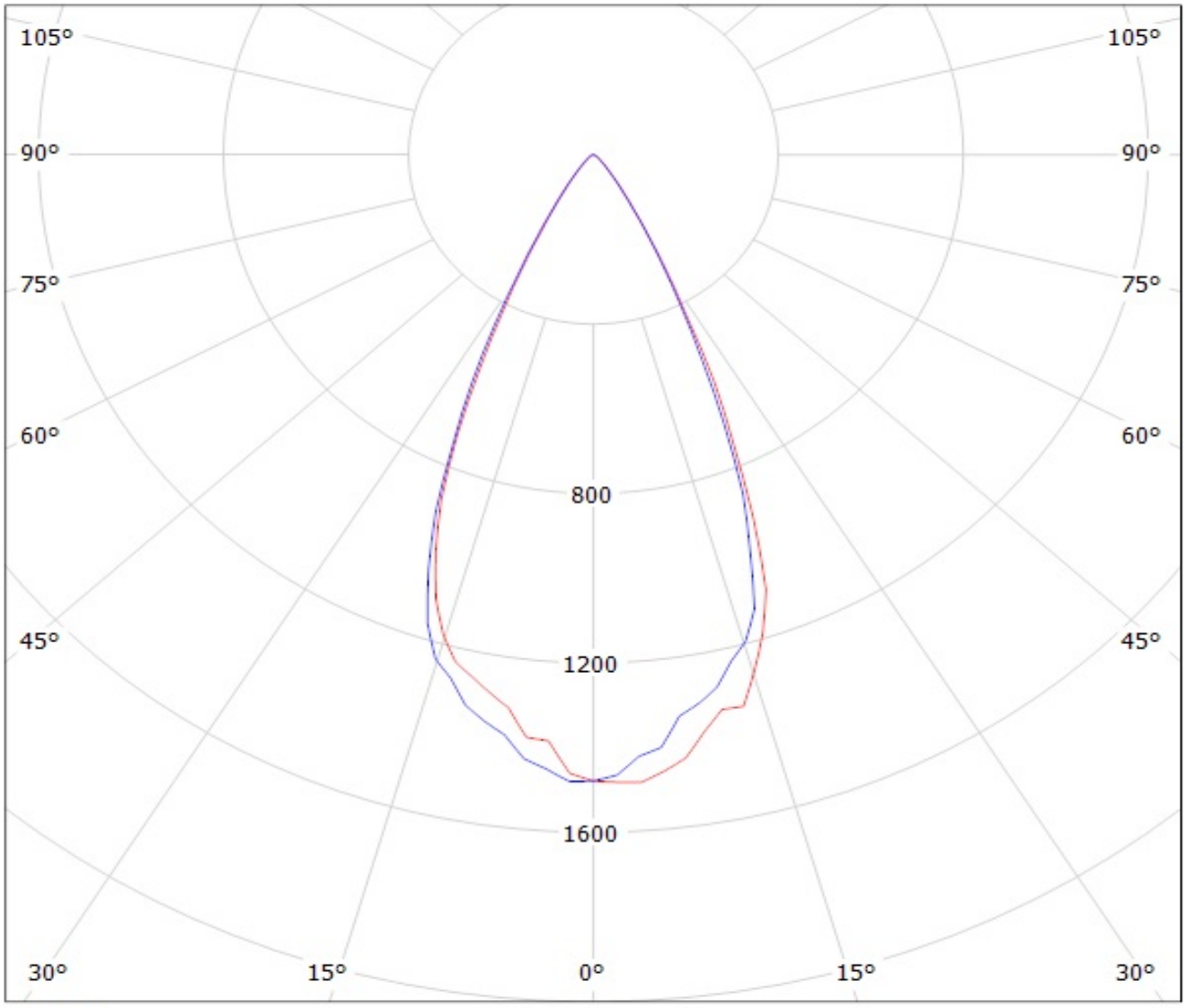
cd/klm

C0 - C180 C90 - C270

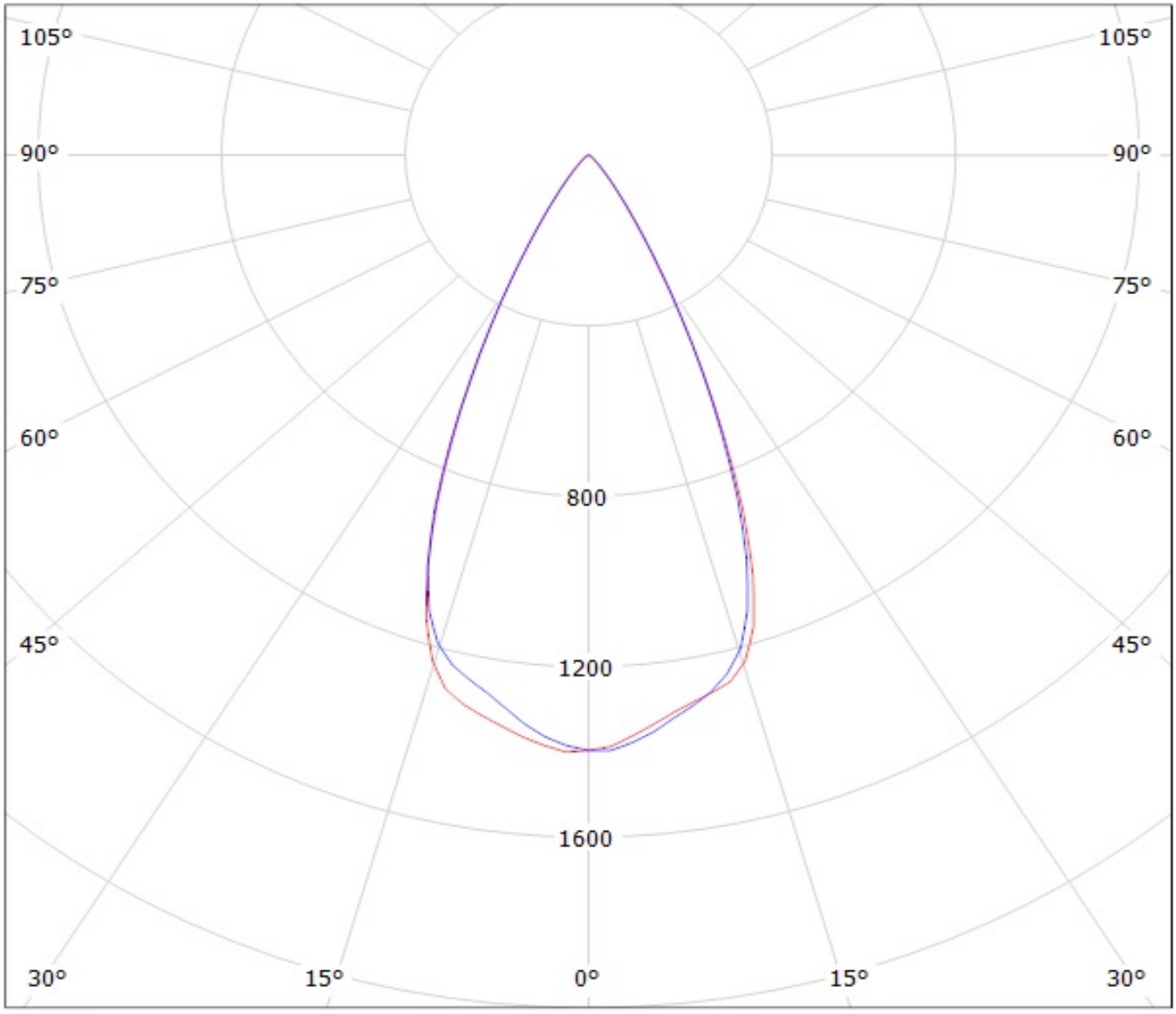
Luminaire: Ledil Oy C13605_HB-2X2-RW (Cree XP-G2 408lm lm @ 250mA) Efficiency=91%
Lamps: 1 x Cree XP-G2 408lm lm @ 250mA CCT=7181K P=3W I=250mA



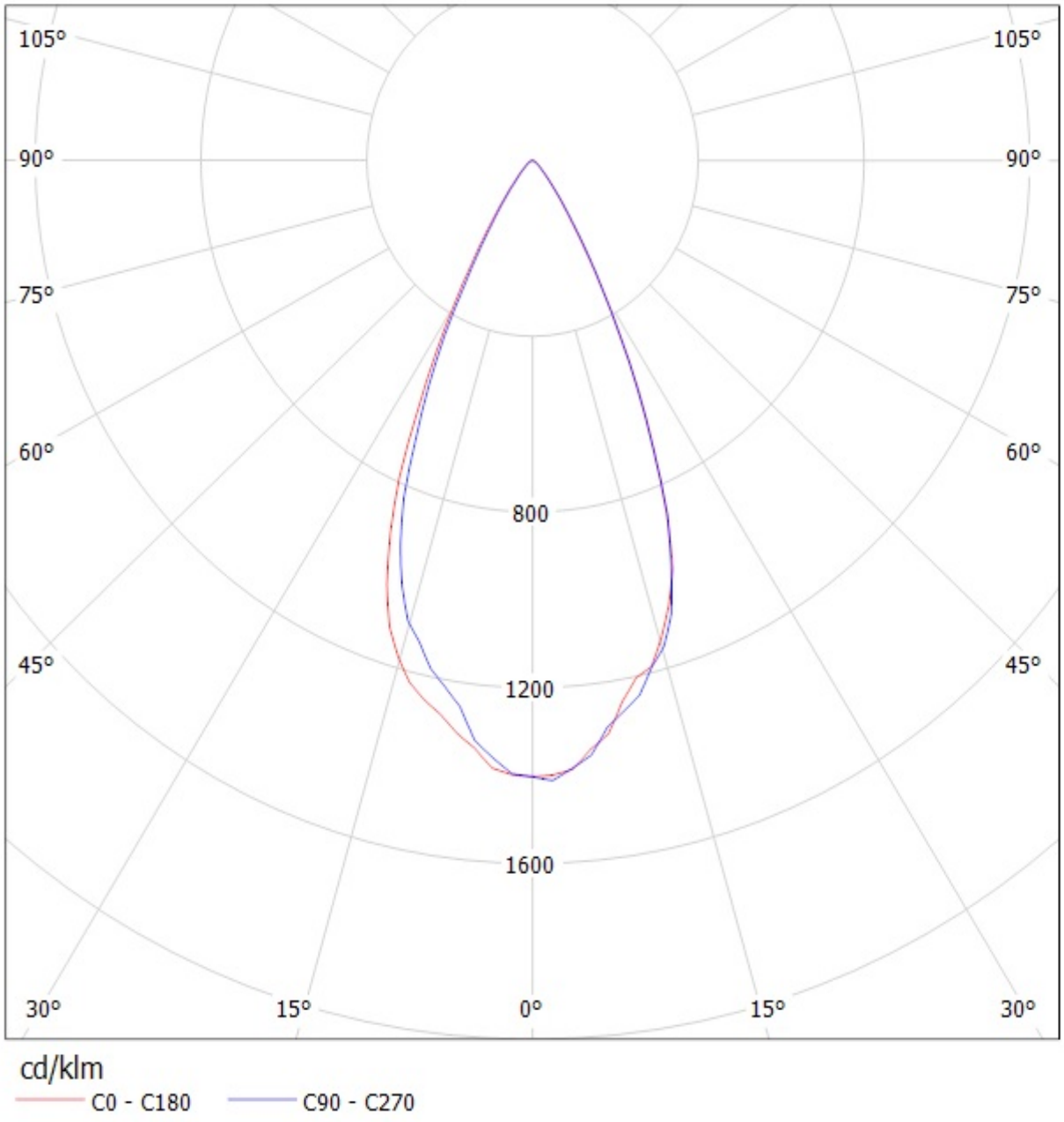
Luminaire: Ledil Oy C13605_HB-2X2-RW_(NCSxx19A) Efficiency=90%
Lamps: 1 x Nichia NCSxx19A (NCSL119AT-H1) (229lm @ 250mA) CCT=2800K P=3.1W I=250mA



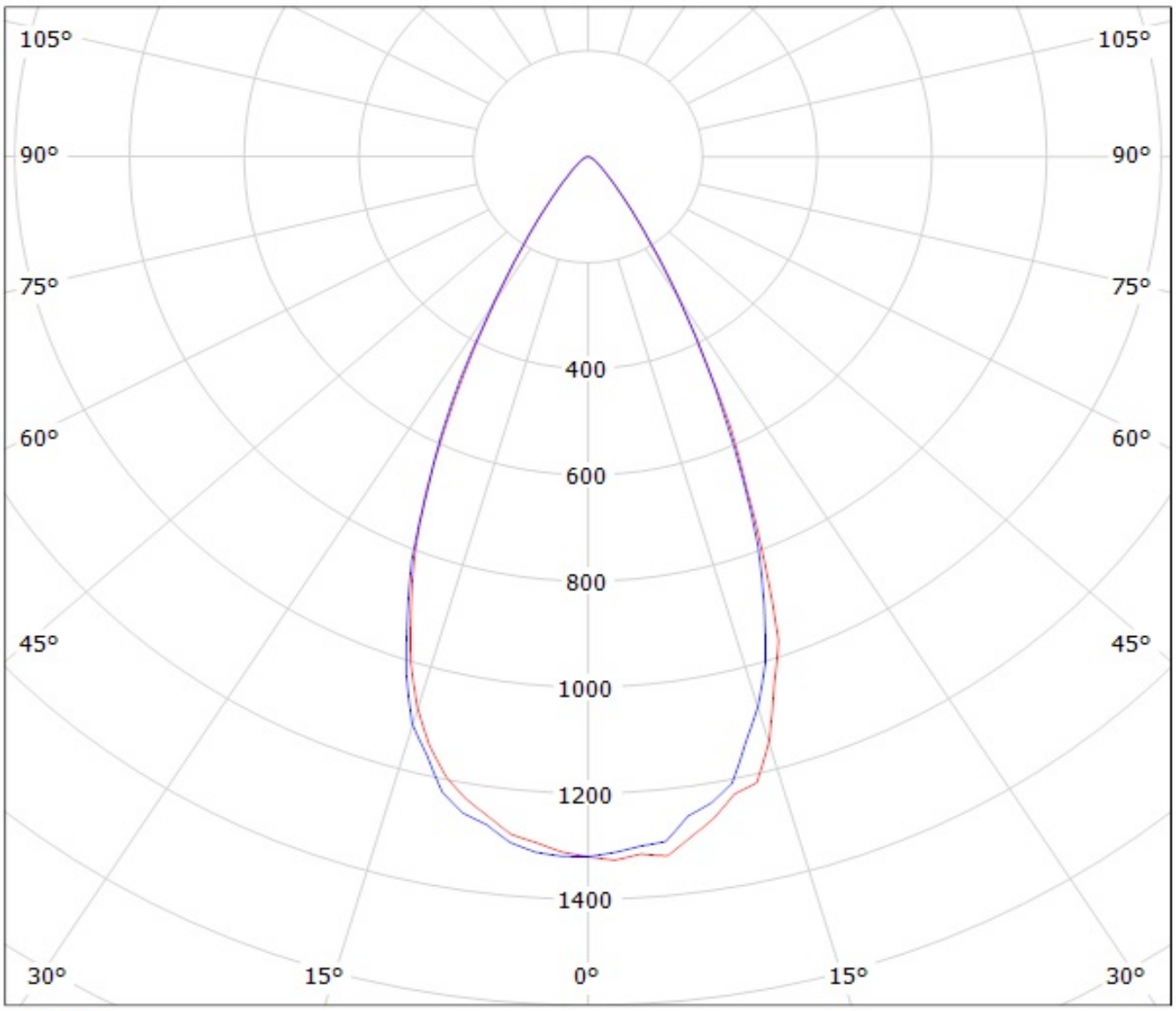
Luminaire: LEDil Oy C13605_HB-2x2-RW_(Z5M1) Efficiency=90%
Lamps: 1 x Seoul (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



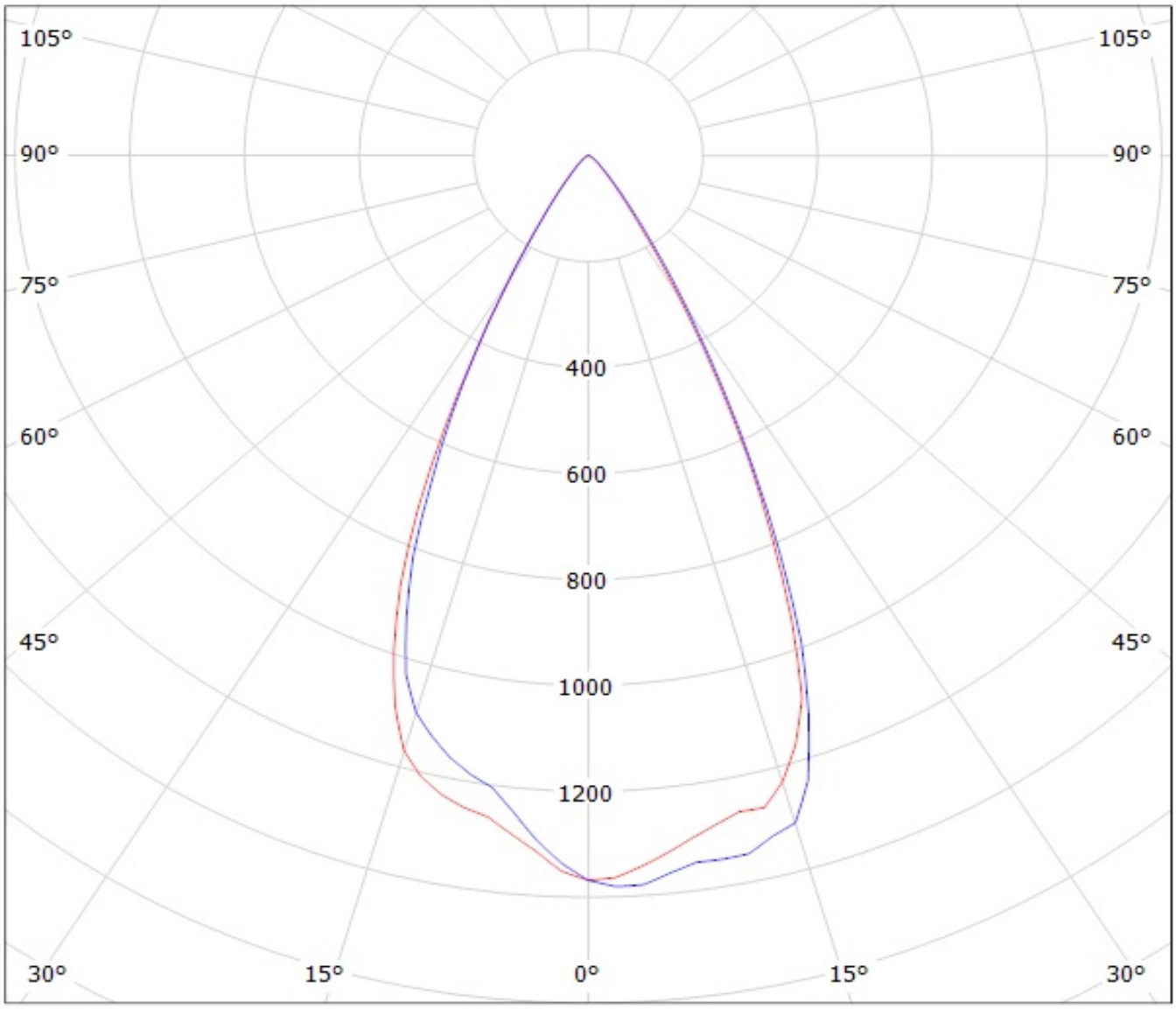
Luminaire: Ledil Oy C13605_HB-2X2-RW_(Oslon_Square_PC) Efficiency=90%
Lamps: 1 x Osram Oslon Square PC (LCW-CQAR.PC-MSMU-5H71-1) 389lm @ 250mA CCT=6000K P=3.0W I=250mA



Luminaire: Ledil Oy C13605_HB-2X2-RW_(XP-G) Efficiency=89%
Lamps: 1 x Cree XP-G (254lm @ 250mA) CCT=3300K P=2.9W I=250mA



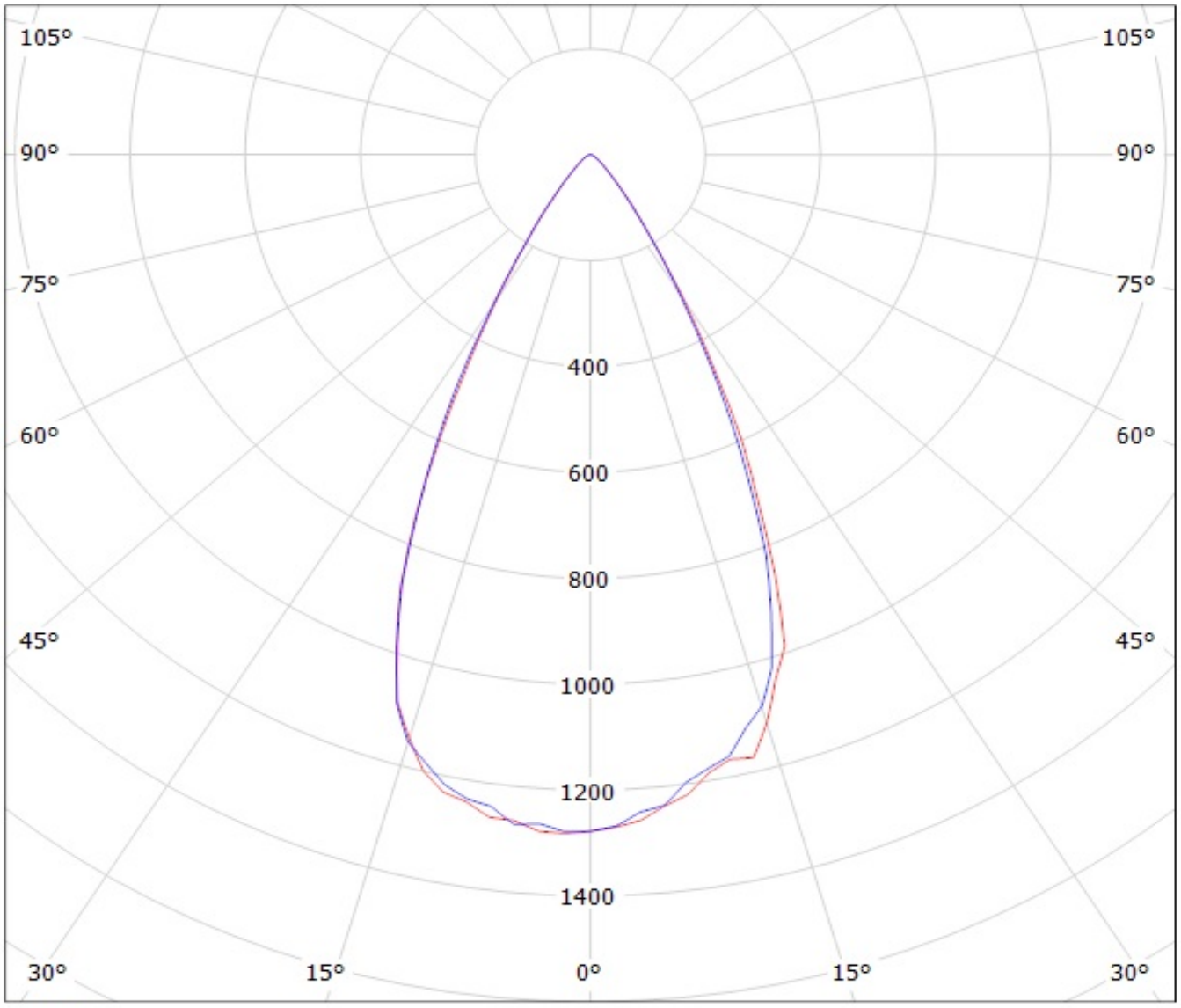
Luminaire: Ledil Oy C13605_HB-2x2-RW_(XP-E) Efficiency=89%
Lamps: 1 x Cree XP-E (XPEWHT-L1-3C0-W5-0-06) 302lm @ 250mA CCT=5400K P=3.1W I=250mA



cd/klm

C0 - C180 C90 - C270

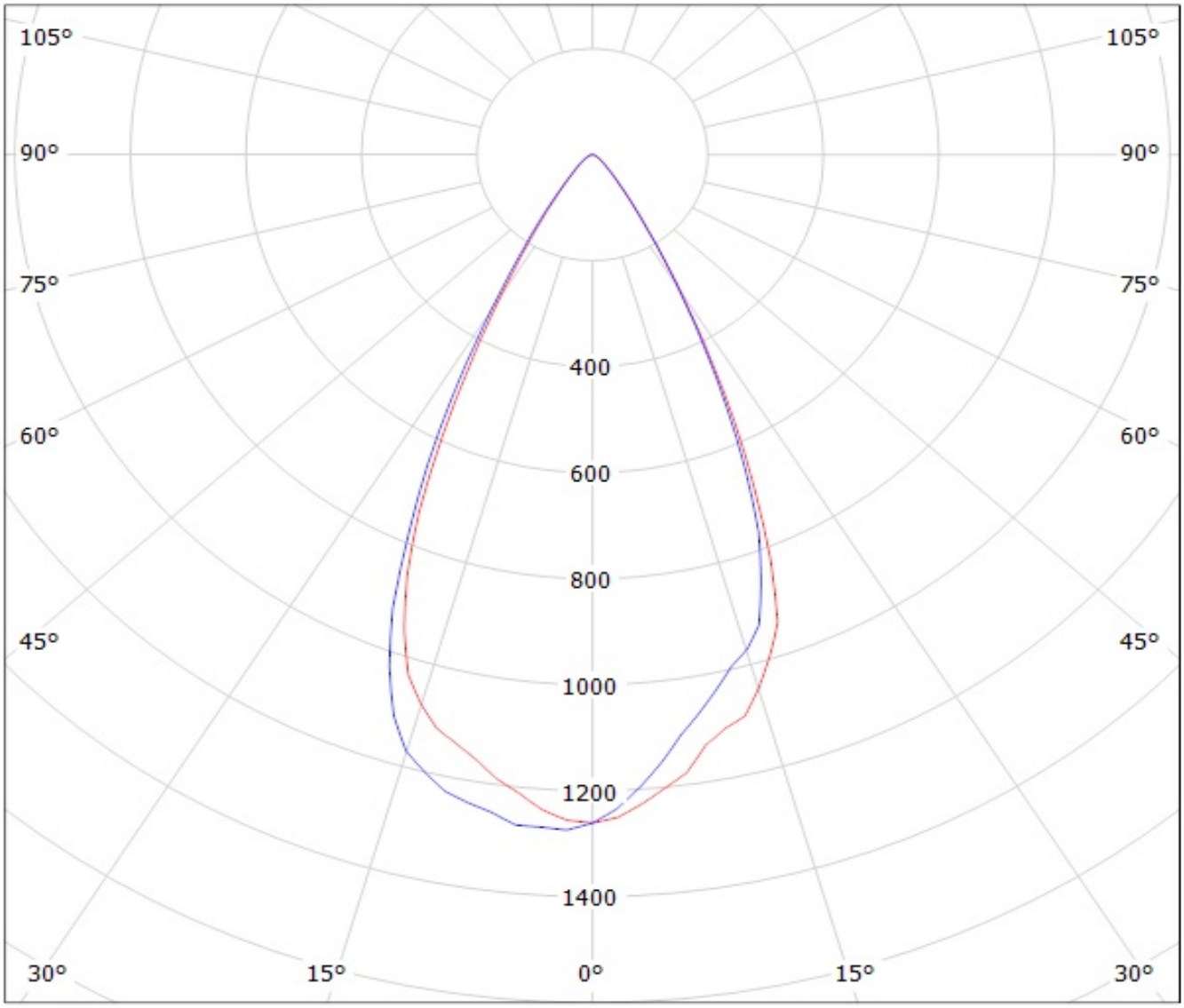
Luminaire: Ledil Oy C13605_HB-2X2-RW_(NVSxx19B) Efficiency=90%
Lamps: 1 x Nichia NVSxx19B (NVSL219BE) 308lm @ 250mA CCT=3100K P=2.9W I=250mA



cd/klm

C0 - C180 C90 - C270

Luminaire: Ledil Oy C13605_HB-2x2-RW_(NVSxx19A) Efficiency=88%
Lamps: 1 x Nichia NVSxx19A (NVS219AT) 382lm @ 250mA CCT=5290K P=2.9W I=250mA



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.