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

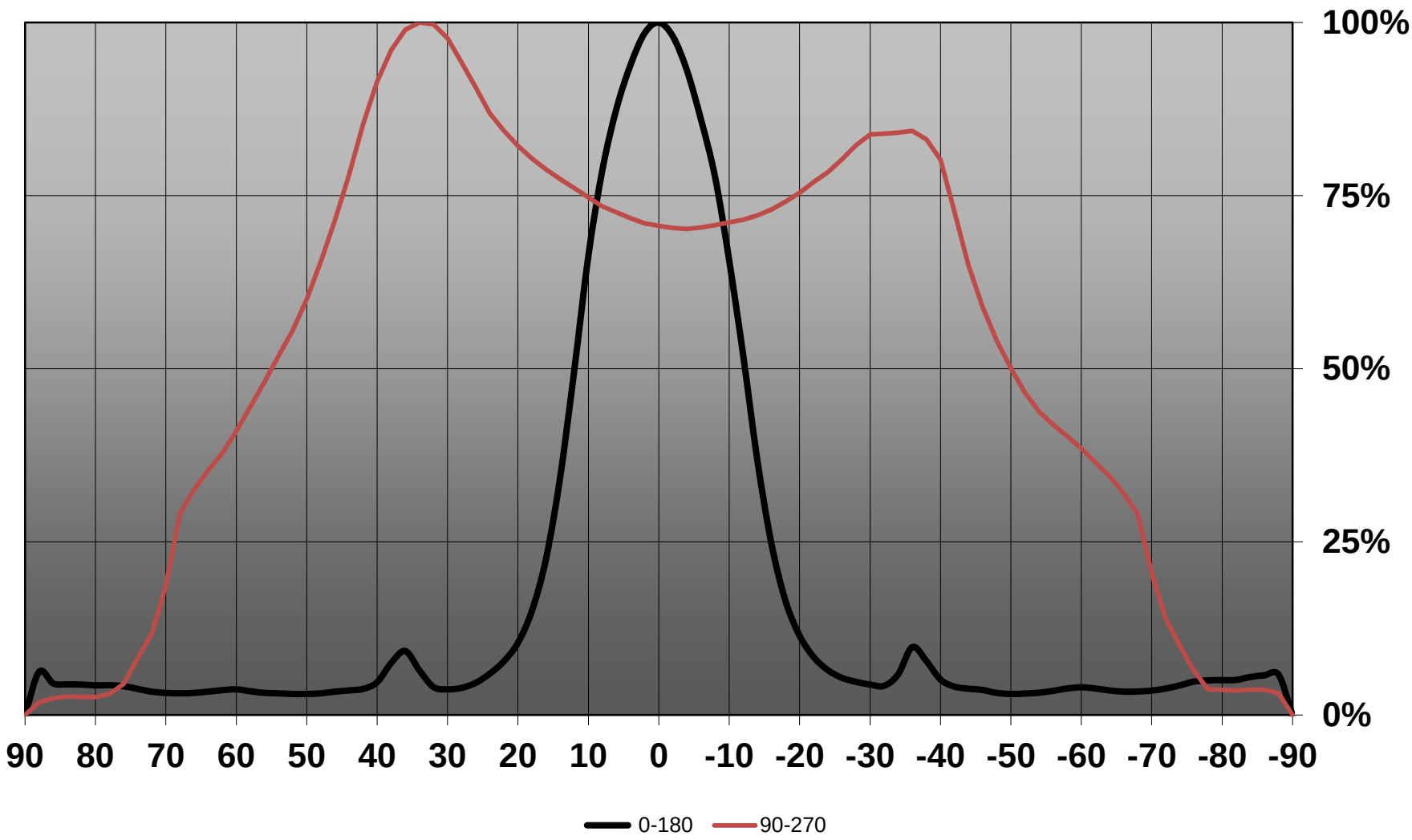
OPTICAL PROPERTIES

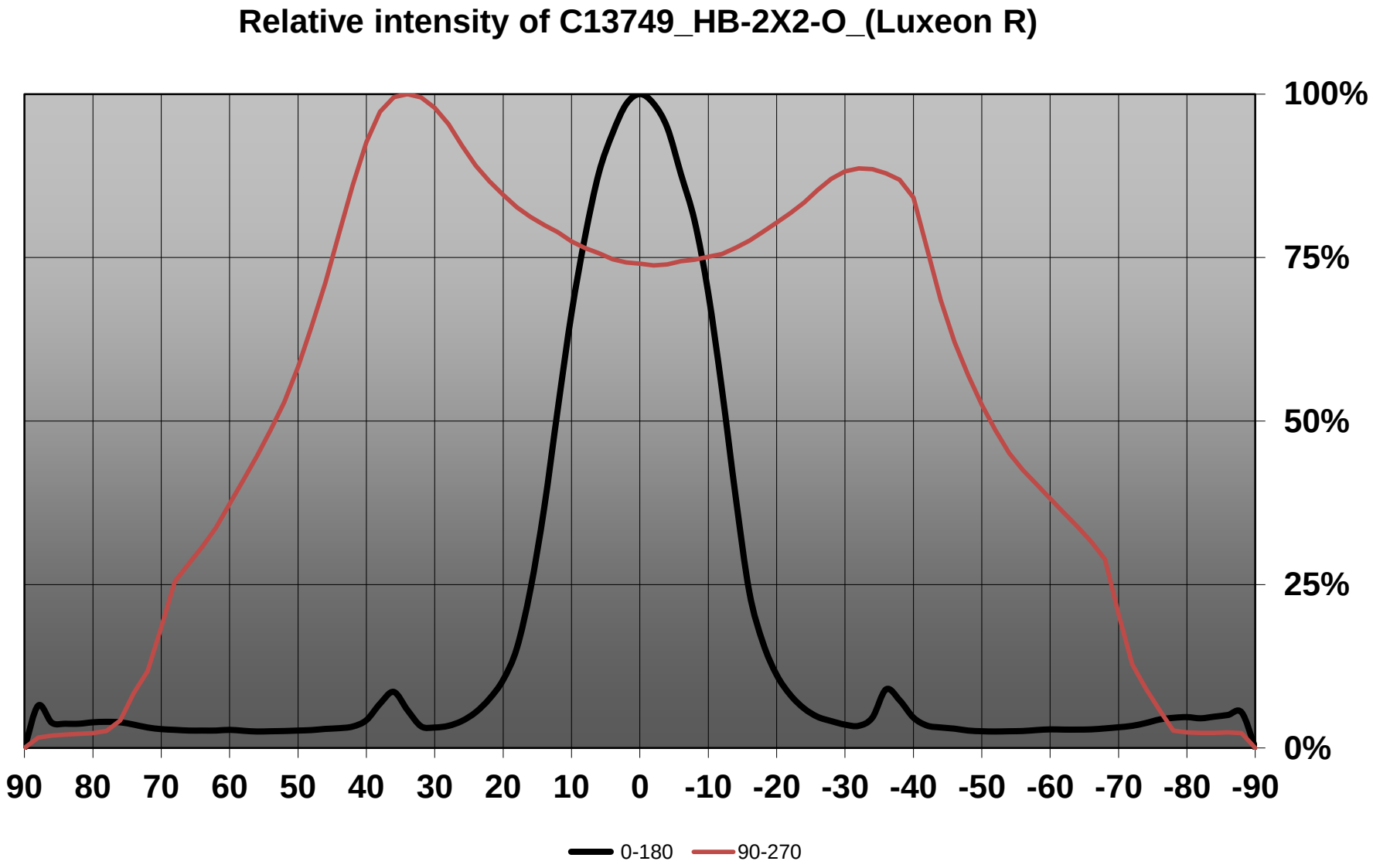
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XT-E	44 deg	Wide	91 %	1.600	-
XB-D	46 deg	Wide	88 %	1.600	-
Oslon SSL 80	46 deg	Wide	90 %	1.700	-
TL1L4	47 deg	Wide	83 %	1.300	-
XP-G2	48 deg	Wide	91 %	1.400	-
LH351Z	48 deg	Wide	90 %	1.400	-
NCSxx19A	49 deg	Wide	90 %	1.500	-
Z5M1/Z5M2	49 deg	Wide	90 %	1.400	-
Oslon Square PC	50 deg	Wide	90 %	1.400	-
XP-G	50 deg	Wide	89 %	1.300	-
XP-E	51 deg	Wide	89 %	1.400	-
NVSxx19B/NVSxx19C	51 deg	Wide	90 %	1.300	-
NVSxx19A	52 deg	Wide	88 %	1.300	-

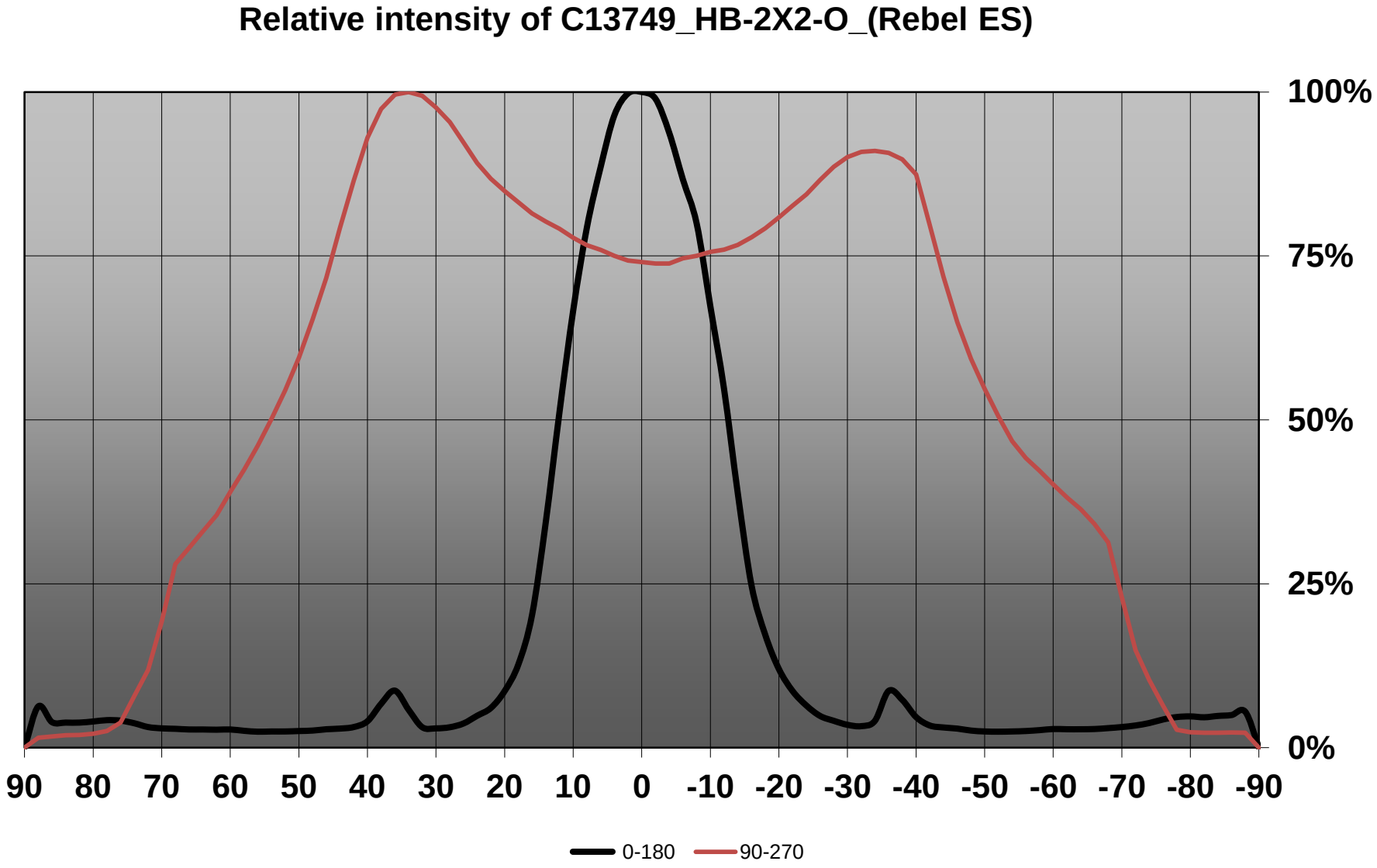
Ledil Oy
Salorankatu 10
24240 SALO, Finland

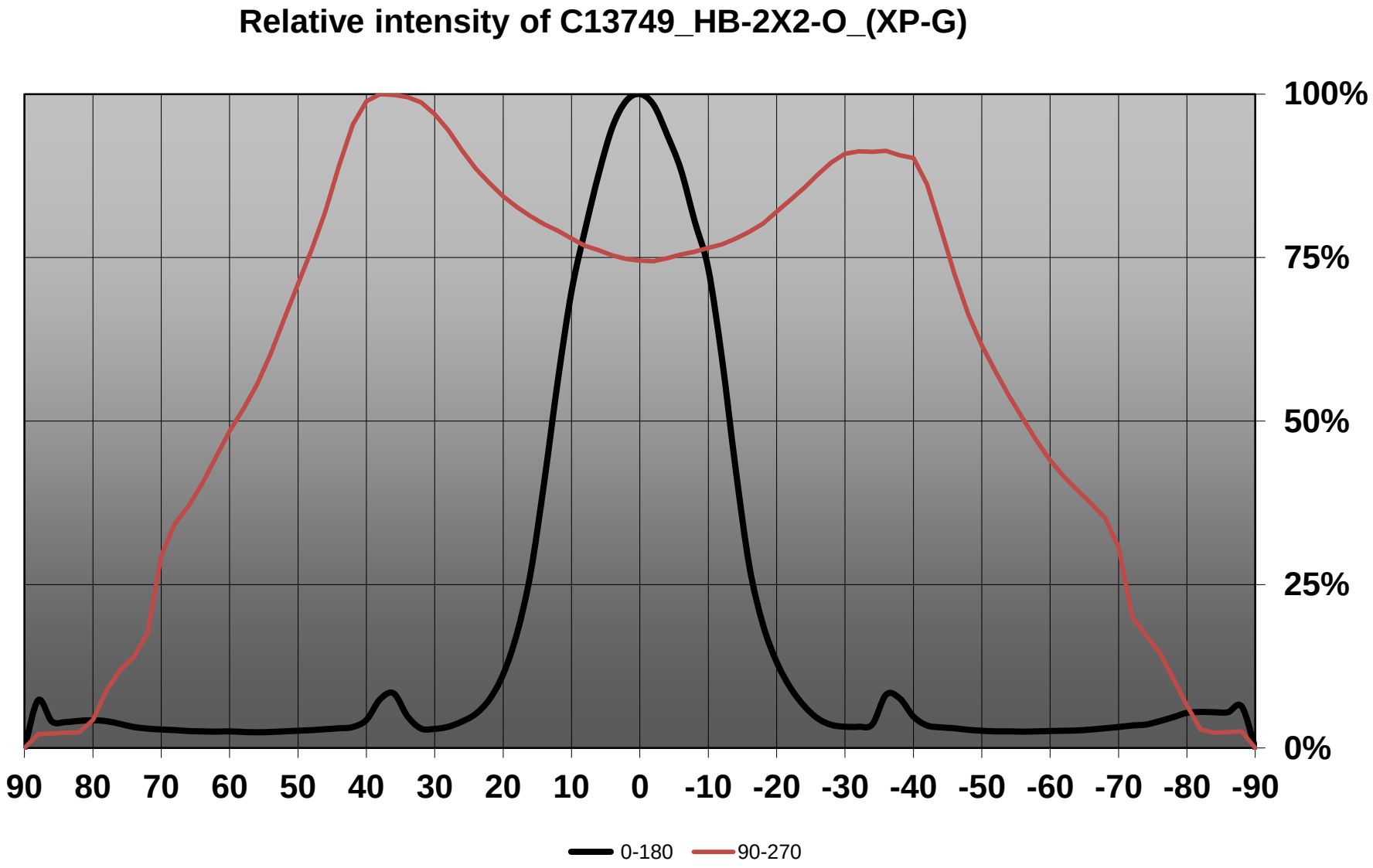
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

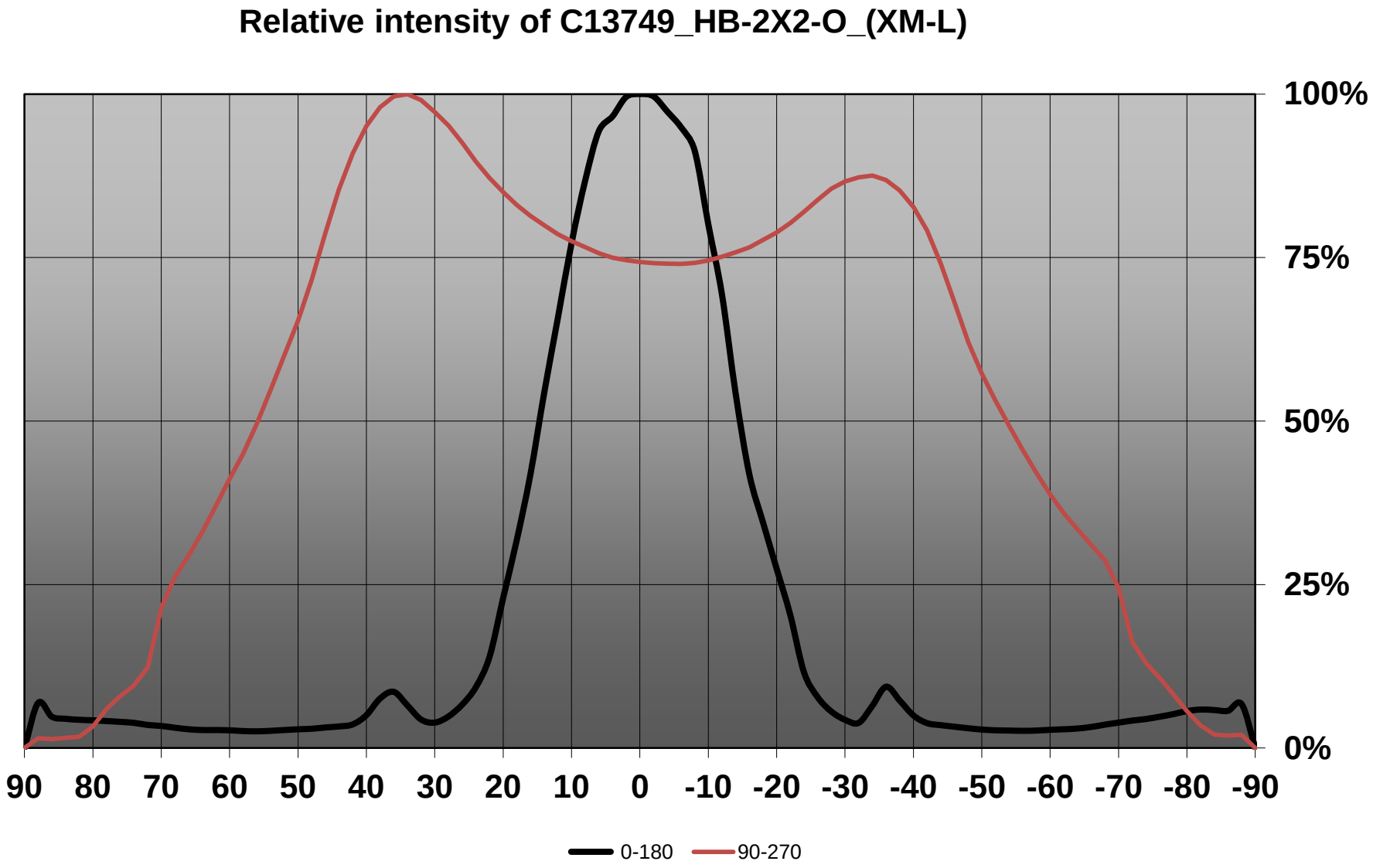
Relative intensity of C13749_HB-2X2-O_(NVSxx19A)

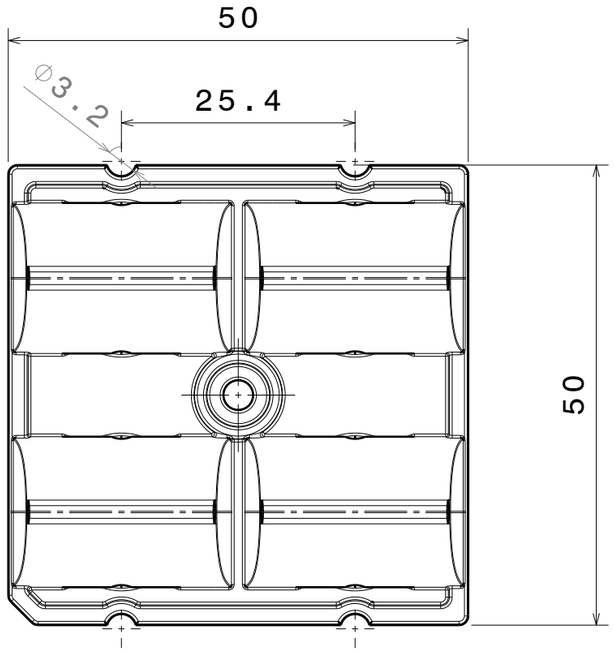


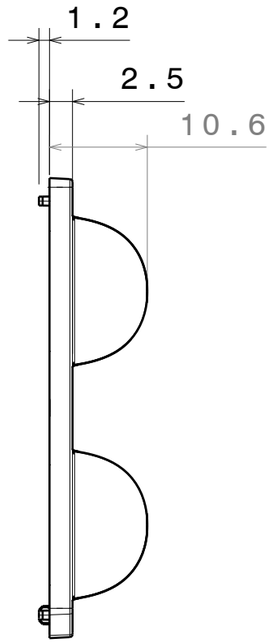

Relative intensity of C13749_HB-2X2-O_(Luxeon R)
100%
75%
50%
25%
0%
90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90
0-180
90-270

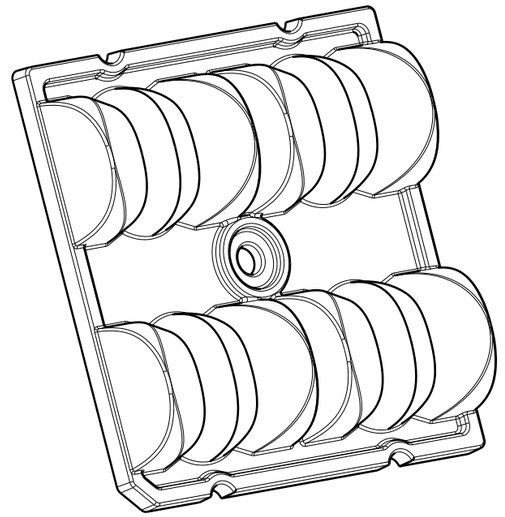

Relative intensity of C13749_HB-2X2-O_(Rebel ES)
100%
75%
50%
25%
0%
90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90
0-180
90-270


Relative intensity of C13749_HB-2X2-O_(XP-G)
100%
75%
50%
25%
0%
90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90
0-180
90-270

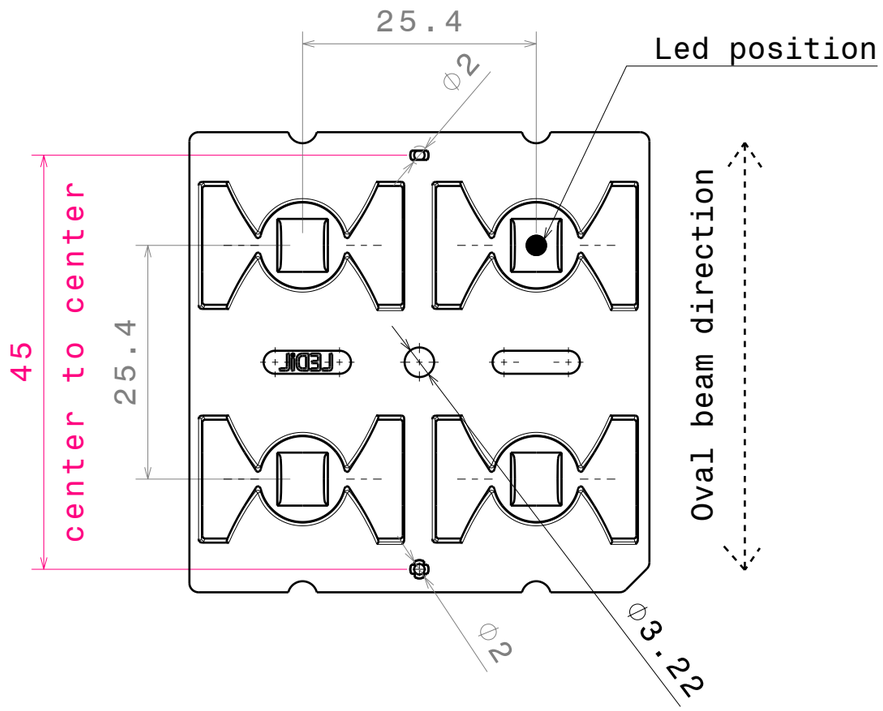

Relative intensity of C13749_HB-2X2-O_(XM-L)
100%
75%
50%
25%
0%
90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90
0-180
90-270







Isometric view



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	HB-2X2-0			

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

THIRD ANGLE PROJECTION:

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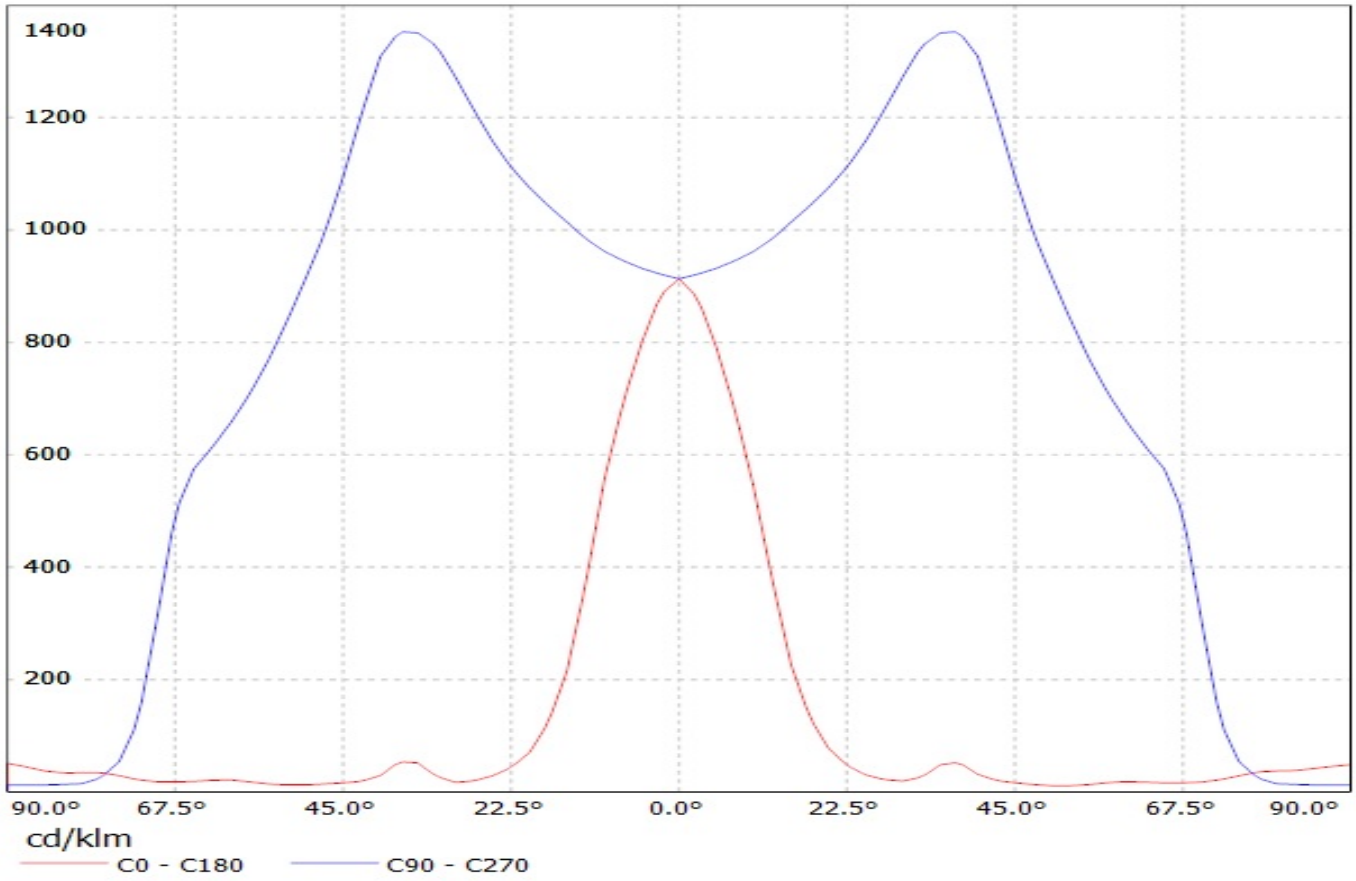
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
HB-2X2-0

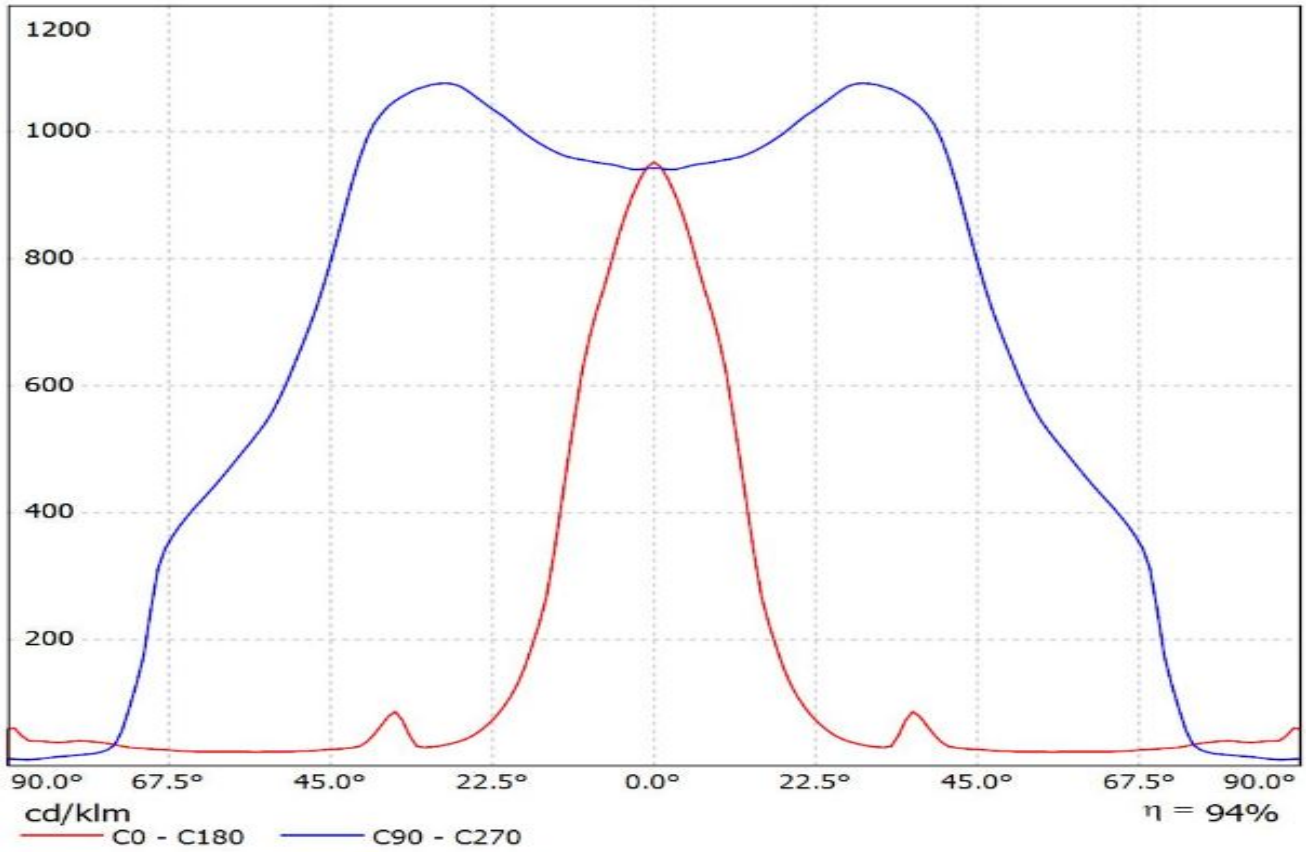
SIZE	PART NUMBER
A3	-

SCALE	WEIGHT		SHEET
3:2	-		1/1

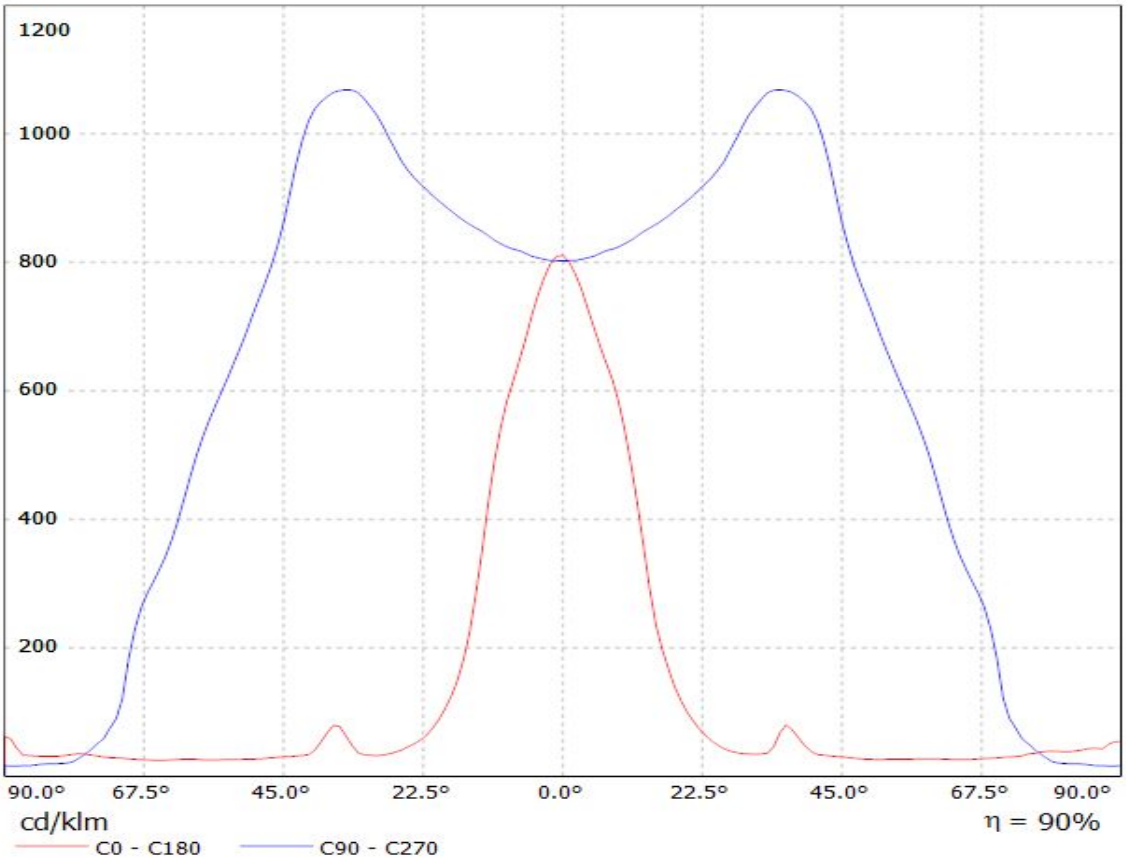
Luminaire: LEDil Oy C13749_HB-2X2-O_(NCSxx19B) Efficiency=94%
Lamps: 1 x Nichia NCSxx19B (NCSW119BE) 425lm @ 250mA CCT=5400K P=3.1W I=250mA



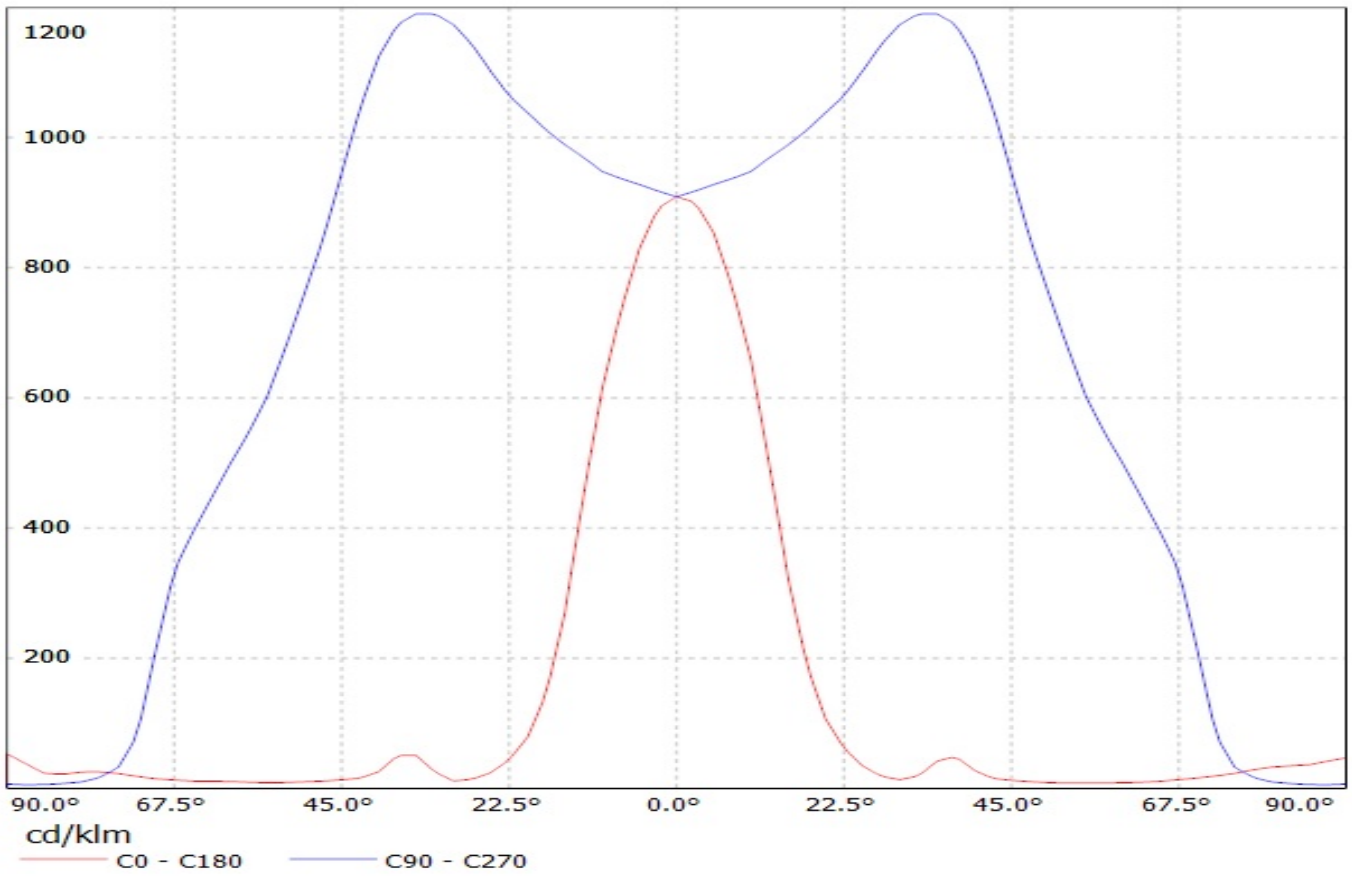
Luminaire: LEDiL Oy C13749_HB-2X2-O_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_305lm@250mA_P=2.79451W_I=249.8mA



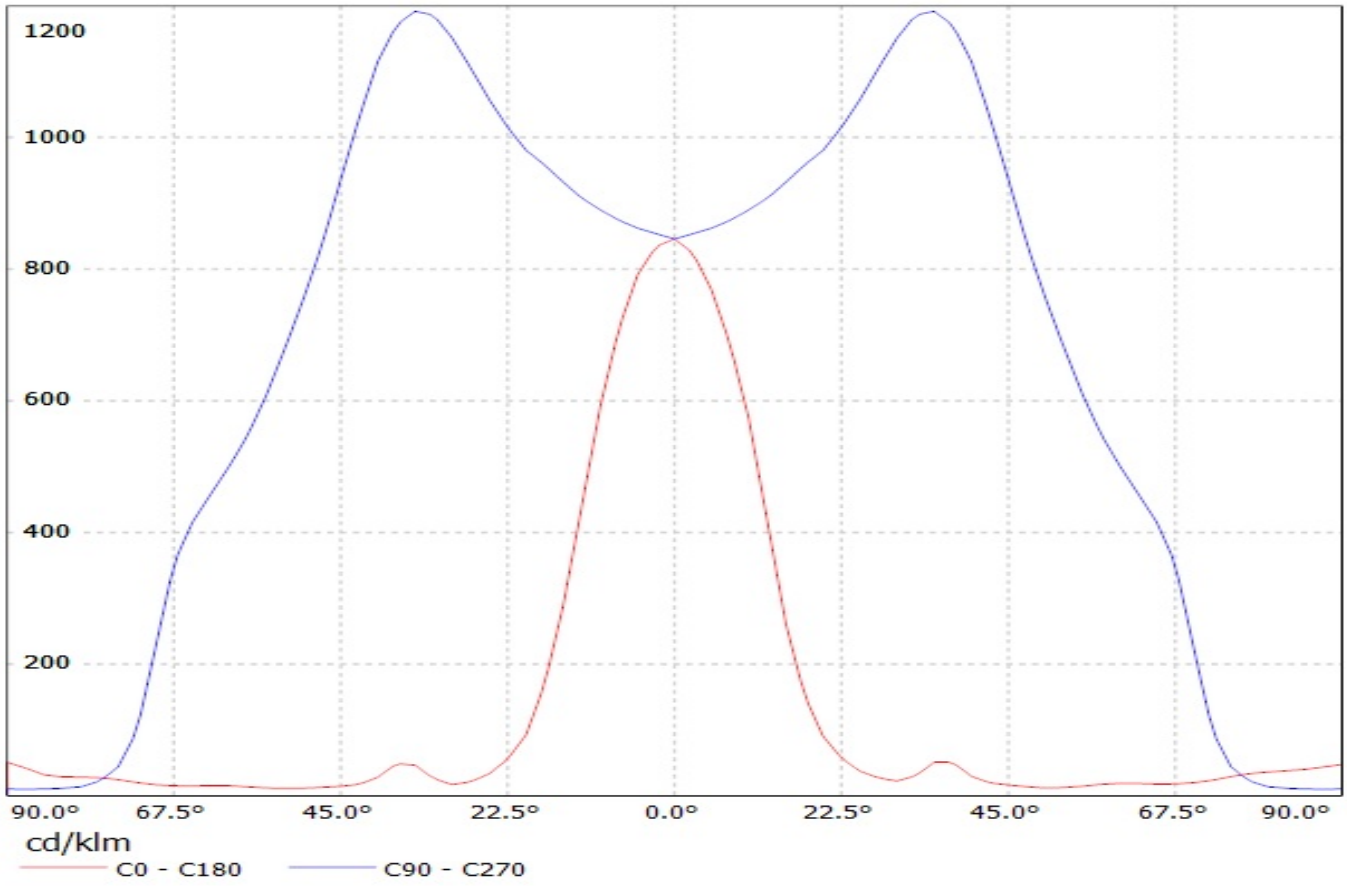
Luminaire: LEDiL Oy C13479_HB-2x2-O_(SQ-PC)
Lamps: 1 x OSRAM_OSLON_SQUARE_PC_2x2_(GWCSSRM1.PC)_414.854lm@250mA_P=2.8626W_CCT=5201K_I=249.9mA



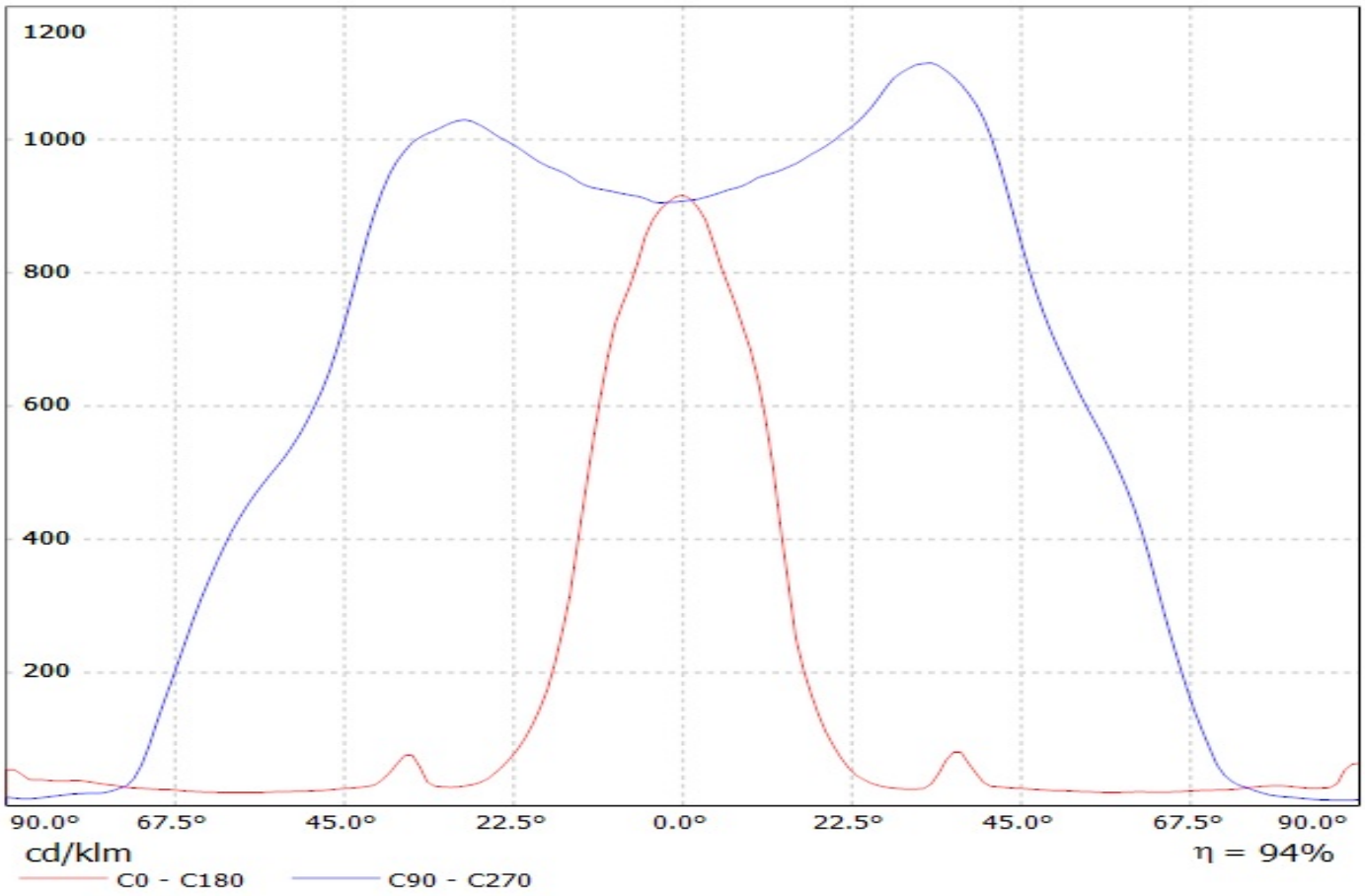
Luminaire: LEDil Oy C13749_HB-2X2-O_(Luxeon_T) Efficiency=94%
Lamps: 1 x Luxeon T (LXH8-FW30-3) 289lm @ 250mA CCT=3200K P=2.8W I=250mA



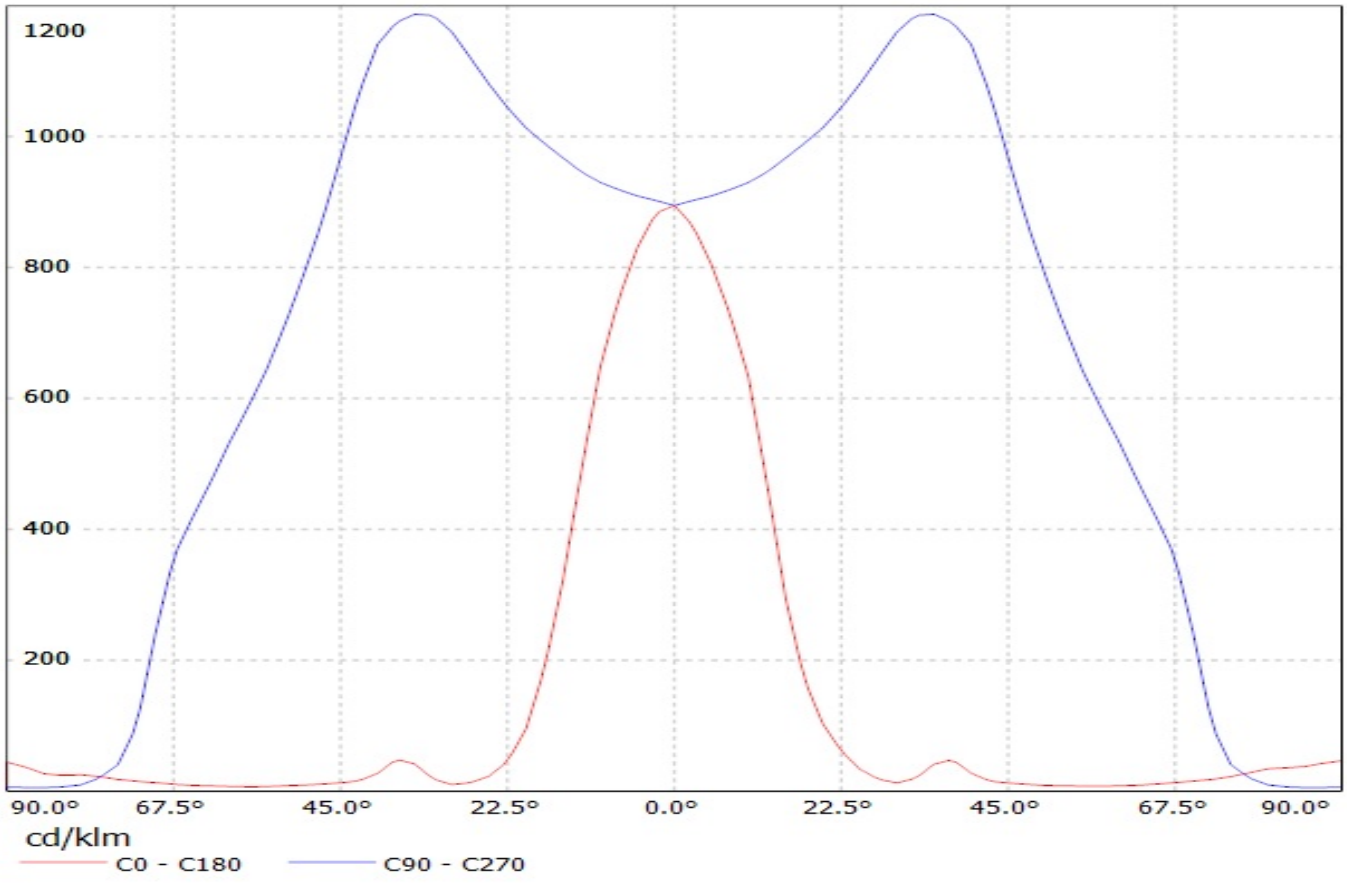
Luminaire: LEDil Oy C13749_HB-2X2-O_(NVSxx19B) Efficiency=94%
Lamps: 1 x Nichia NCSxx19B (NVSL219BE) 315lm @ 250mA CCT=3100K P=2.9W I=250mA



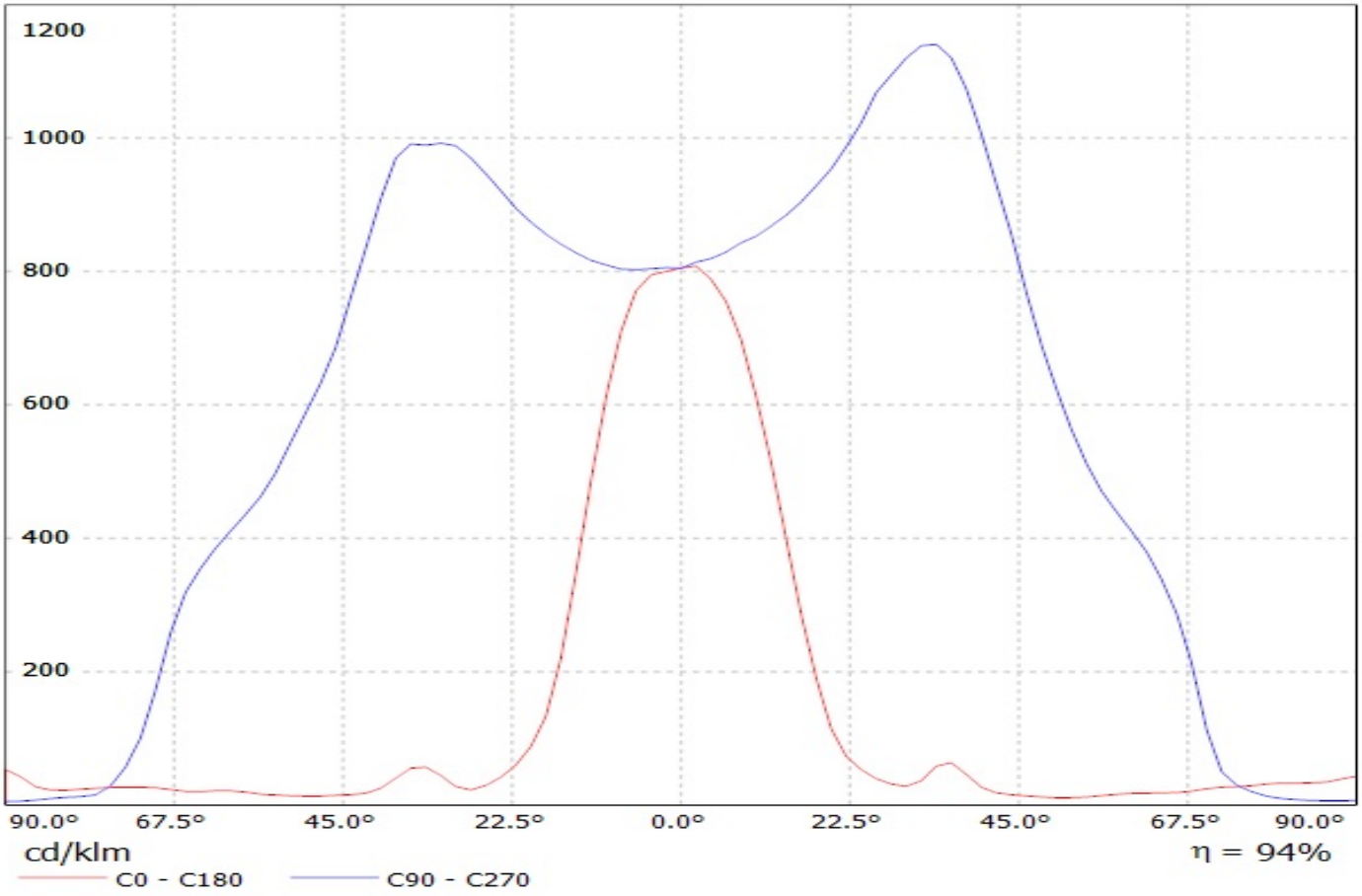
Luminaire: LEDiL Oy C13749_HB-2X2-O_(LH351Z)
Lamps: 1 x SAMSUNG_LH351Z_2x2_361.9lm@250mA_P=2.86371W_I=249.8mA



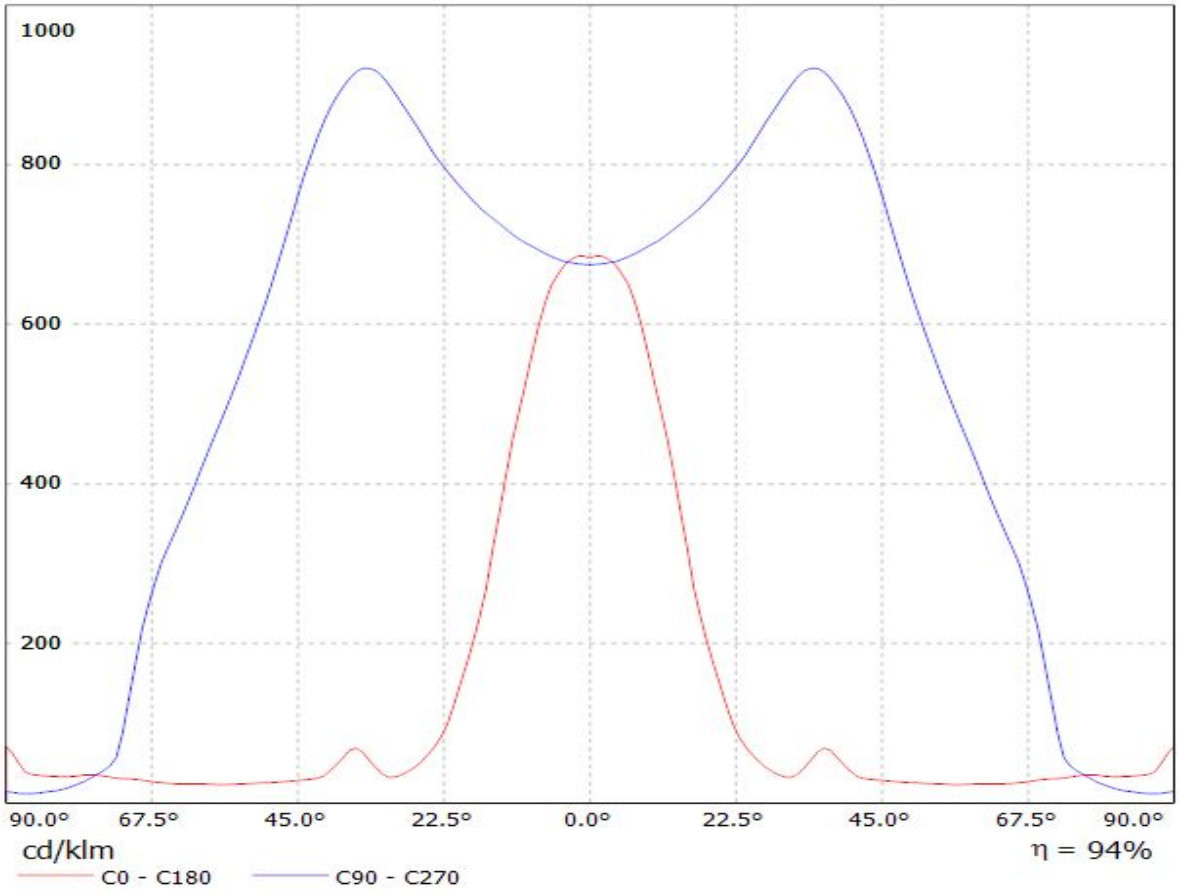
Luminaire: LEDil Oy C13749_HB-2X2-O_(XP-G2) Efficiency=94%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-000-00G51) 411lm @ 250mA CCT=7200K P=2.9W I=250mA



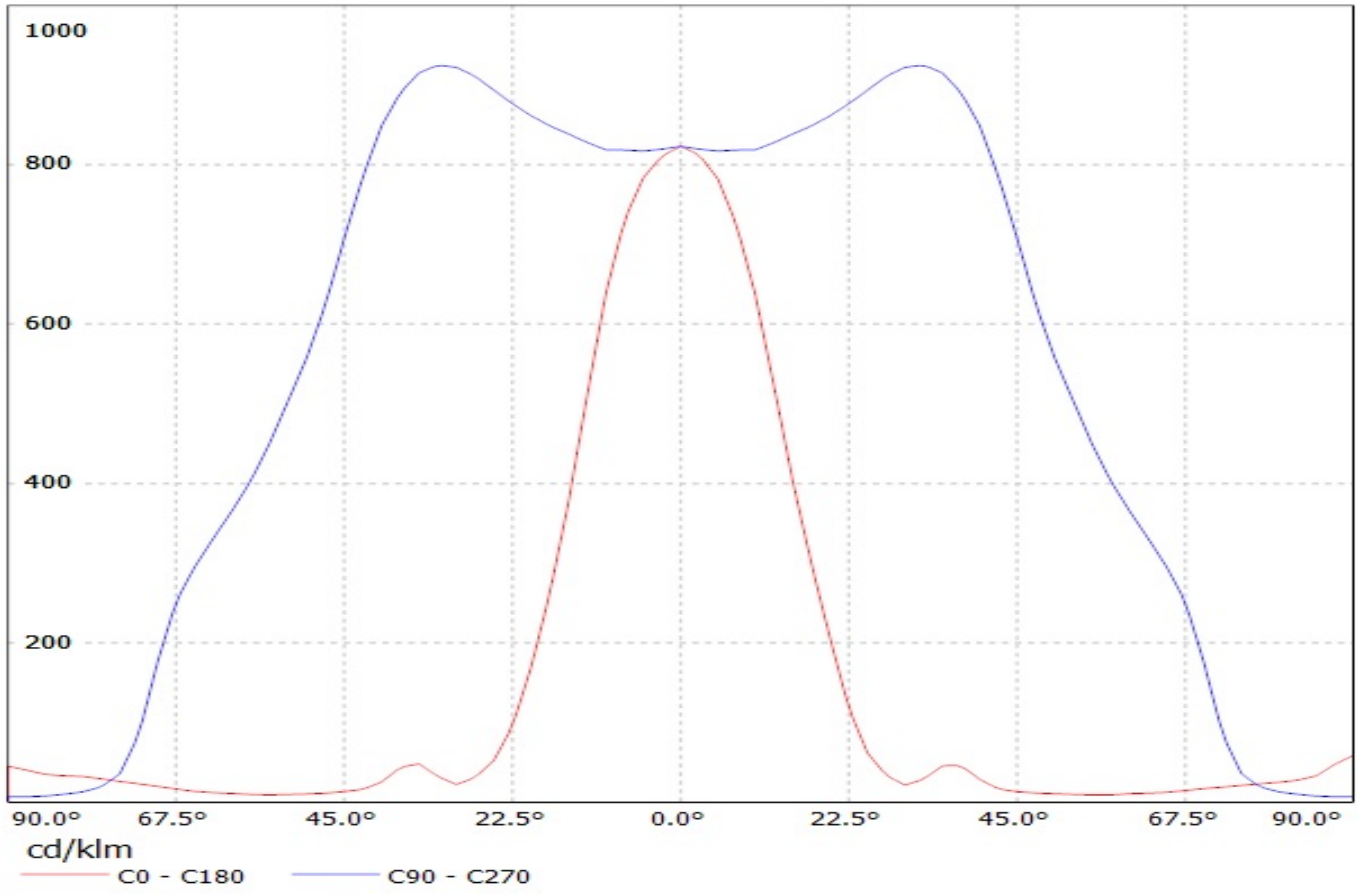
Luminaire: LEDil Oy C13749_HB-2X2-O_(Luxeon_MZ)
Lamps: 1 x Philips Lumileds Luxeon MZ (413.59lm @ 250mA) P=2.7W I=250mA



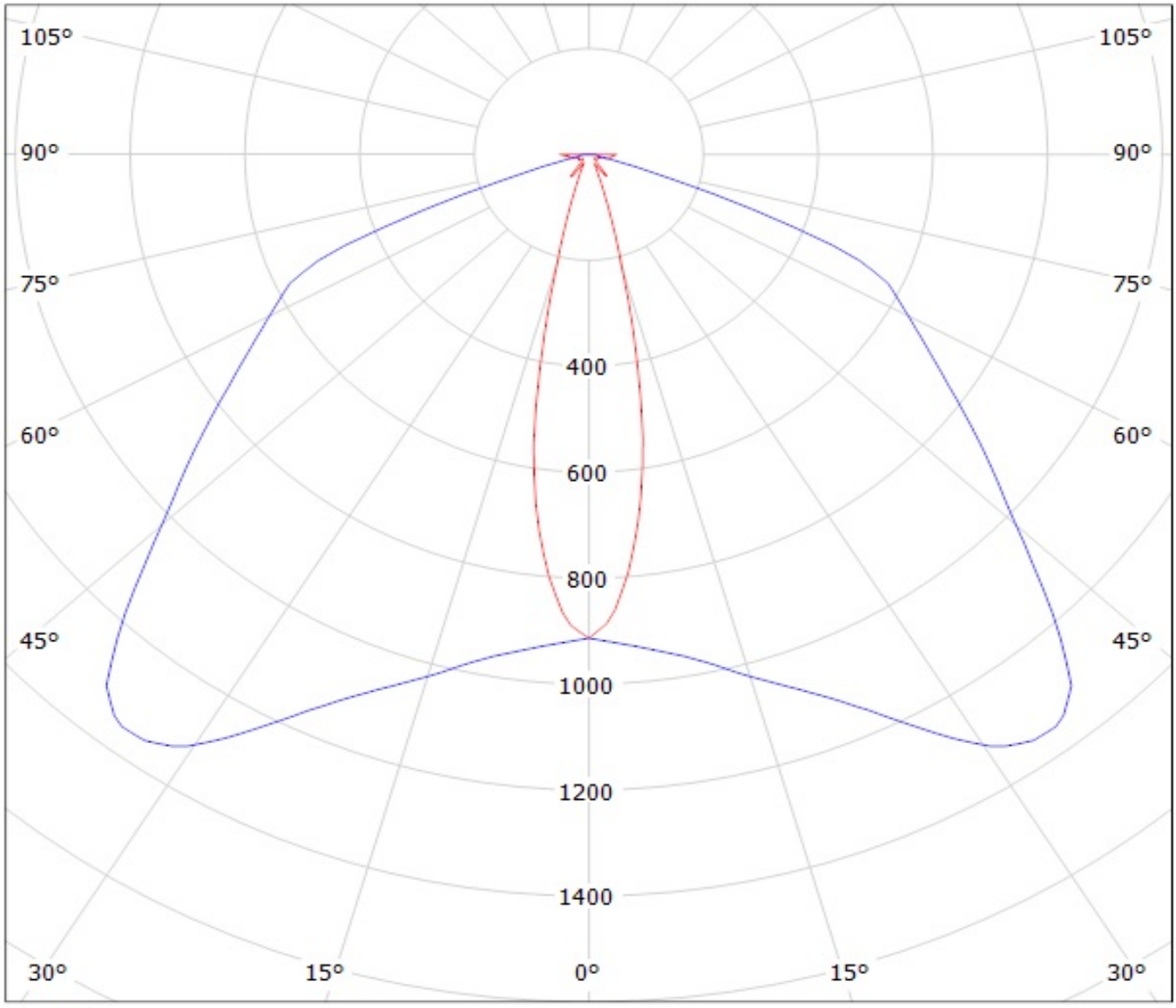
Luminaire: LEDiL Oy C13749_HB-2X2-O_(XP-L)
Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_490lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA



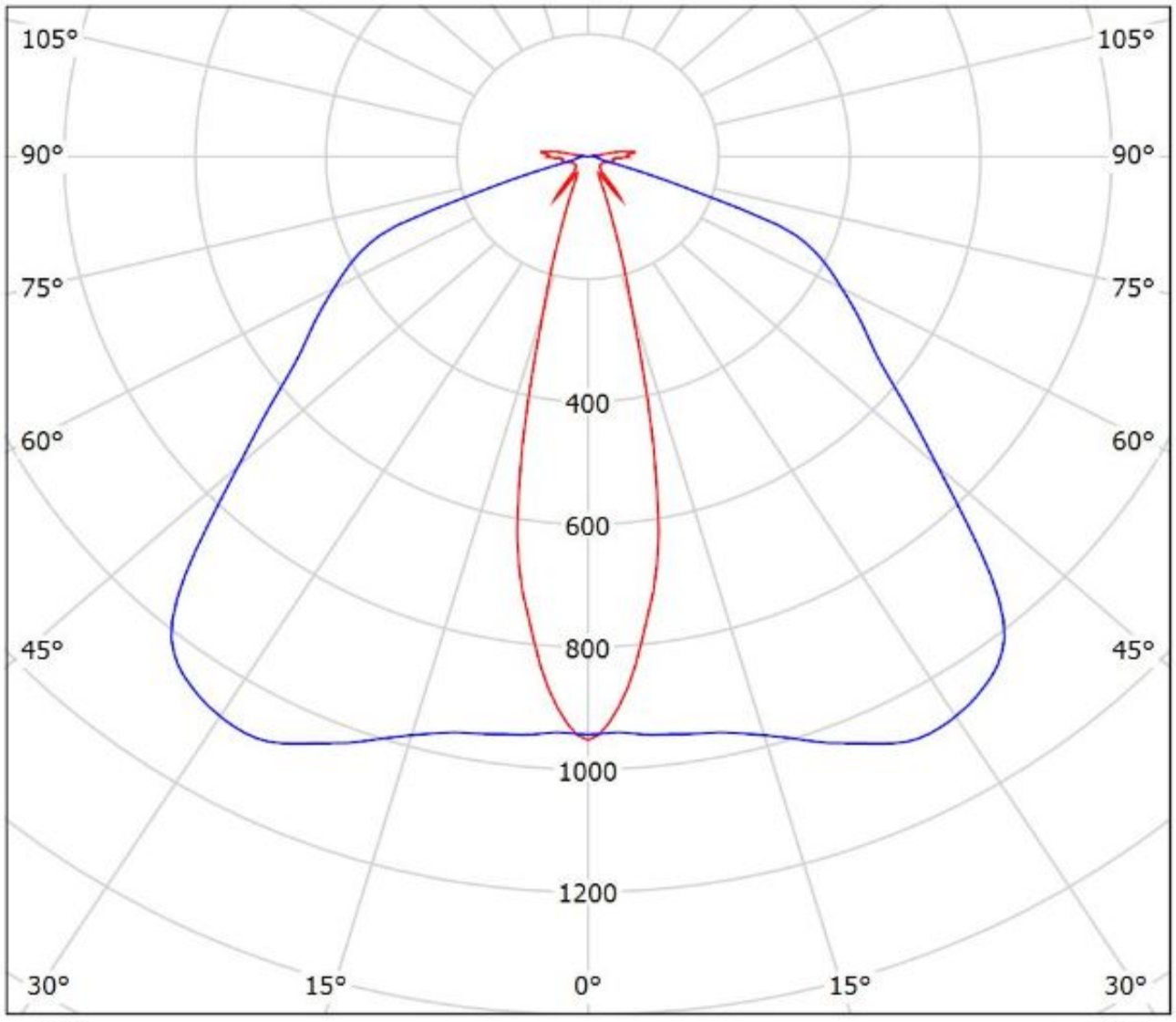
Luminaire: LEDil Oy C13749_HB-2X2-O_(XM-L2) Efficiency=94%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 356lm @ 250mA CCT=3200K P=2.8W I=250mA



Luminaire: LEDil Oy C13749_HB-2X2-O_(NCSxx19B) Efficiency=94%
Lamps: 1 x Nichia NCSxx19B (NCSW119BE) 425lm @ 250mA CCT=5400K P=3.1W I=250mA

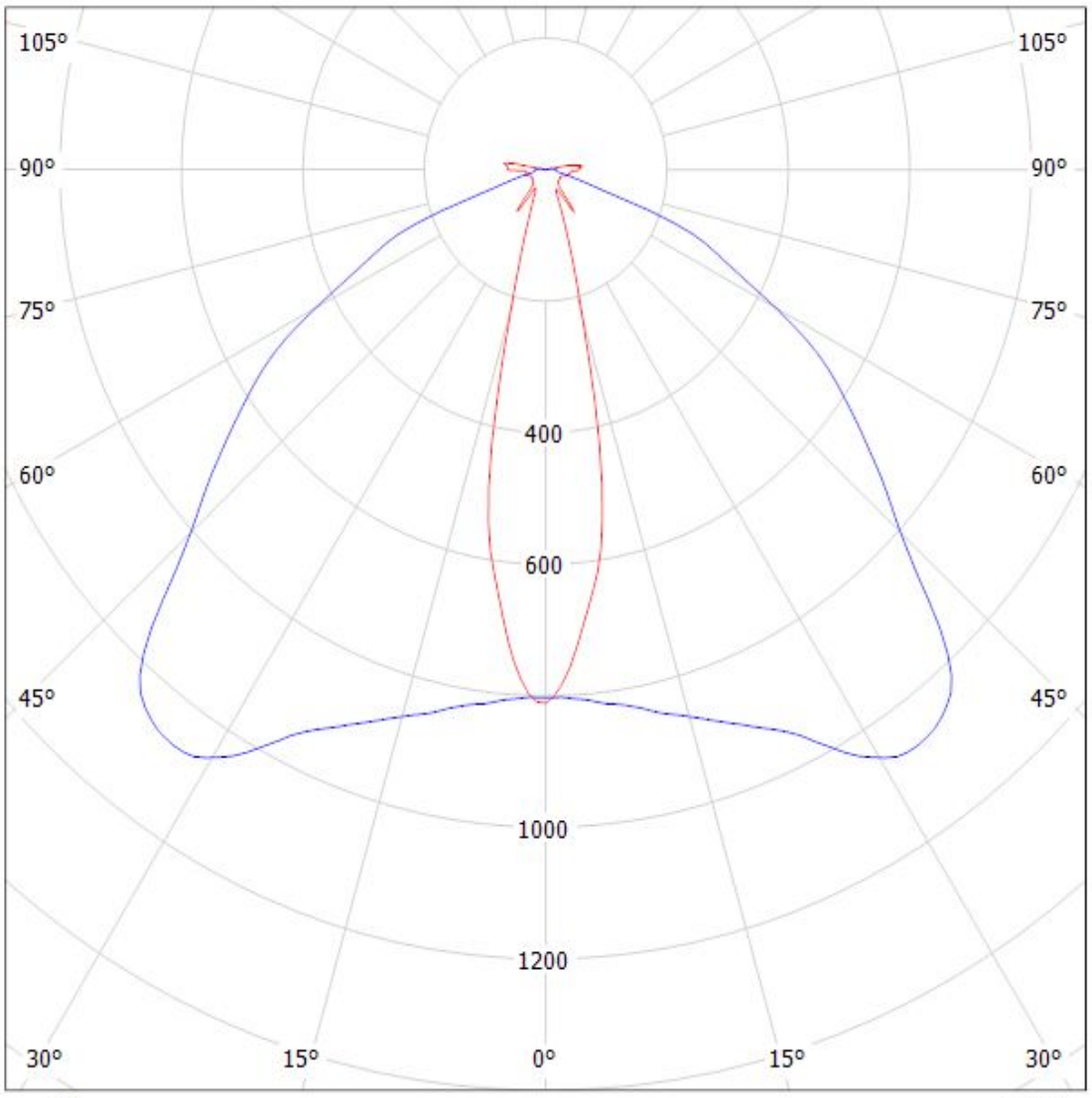


Luminaire: LEDiL Oy C13749_HB-2X2-O_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_305lm@250mA_P=2.79451W_I=249.8mA



cd/klm
η = 94%
C0 - C180
C90 - C270

Luminaire: LEDiL Oy C13479_HB-2x2-O_(SQ-PC)
Lamps: 1 x OSRAM_OSLON_SQUARE_PC_2x2_(GWCSSRM1.PC)_414.854lm@250mA_P=2.8626W_CCT=5201K_I=249.9mA

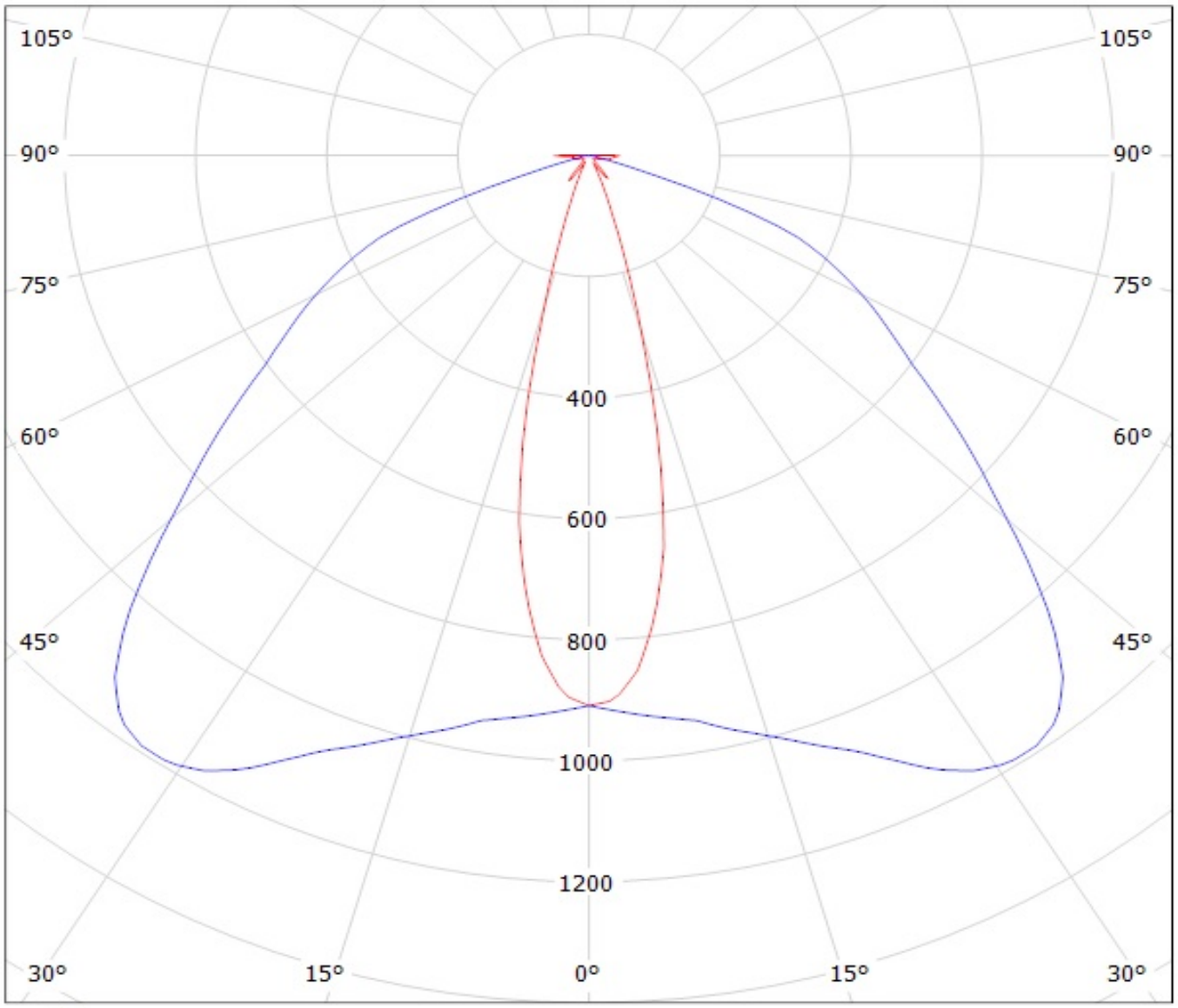


cd/klm

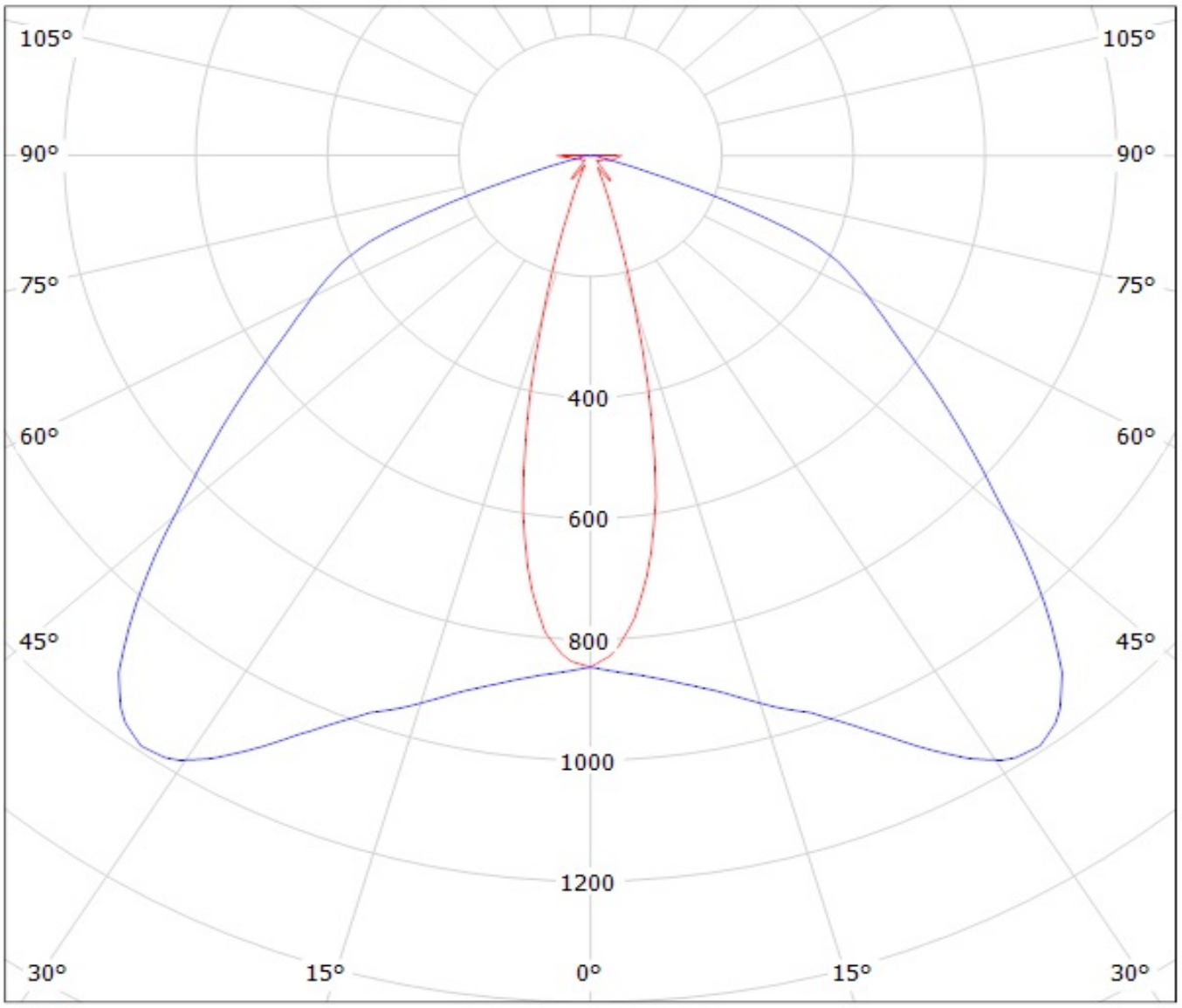
η = 90%

C0 - C180 C90 - C270

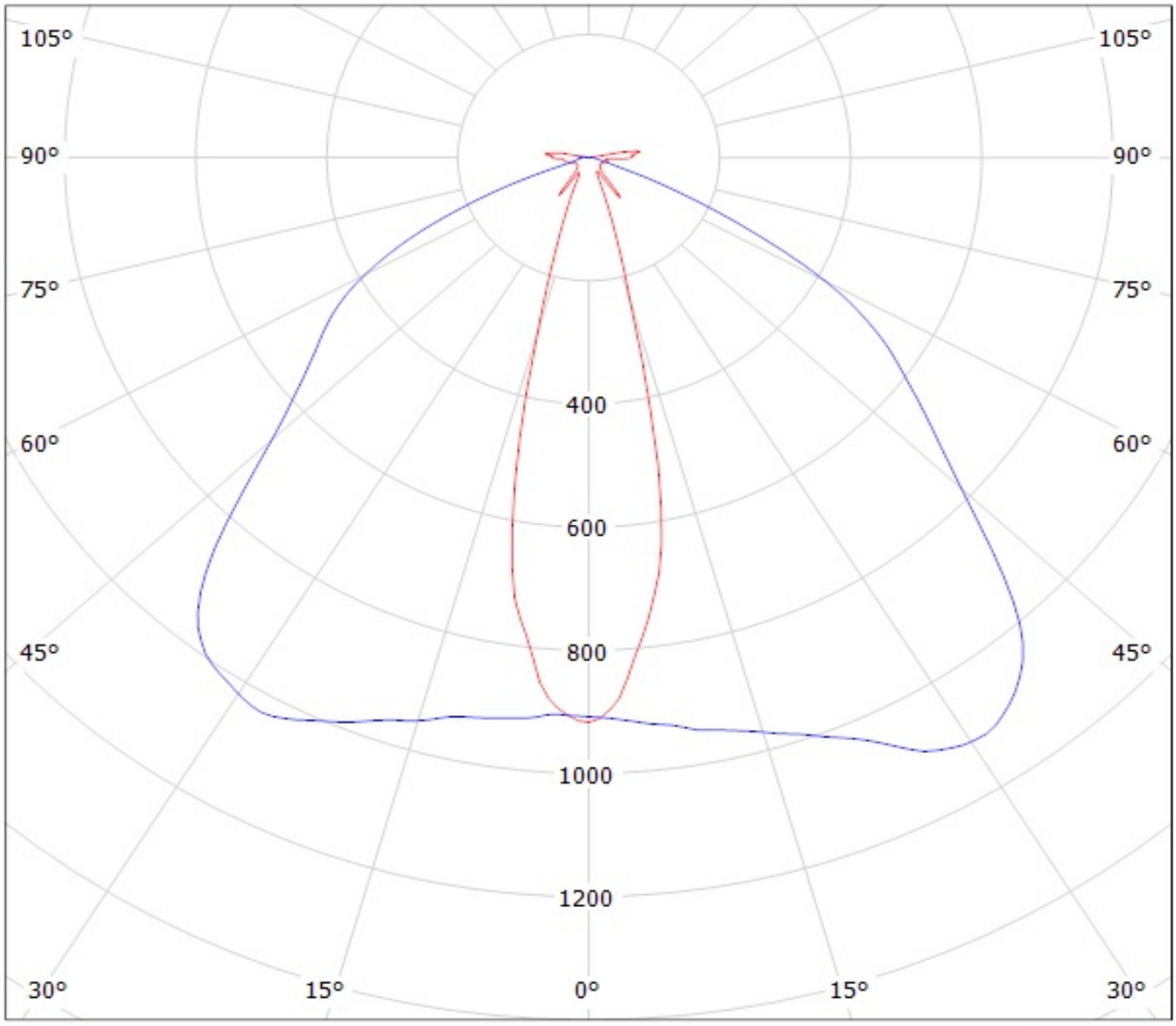
Luminaire: LEDil Oy C13749_HB-2X2-O_(Luxeon_T) Efficiency=94%
Lamps: 1 x Luxeon T (LXH8-FW30-3) 289lm @ 250mA CCT=3200K P=2.8W I=250mA



Luminaire: LEDil Oy C13749_HB-2X2-O_(NVSxx19B) Efficiency=94%
Lamps: 1 x Nichia NCSxx19B (NVSL219BE) 315lm @ 250mA CCT=3100K P=2.9W I=250mA



Luminaire: LEDiL Oy C13749_HB-2X2-O_(LH351Z)
Lamps: 1 x SAMSUNG_LH351Z_2x2_361.9lm@250mA_P=2.86371W_I=249.8mA

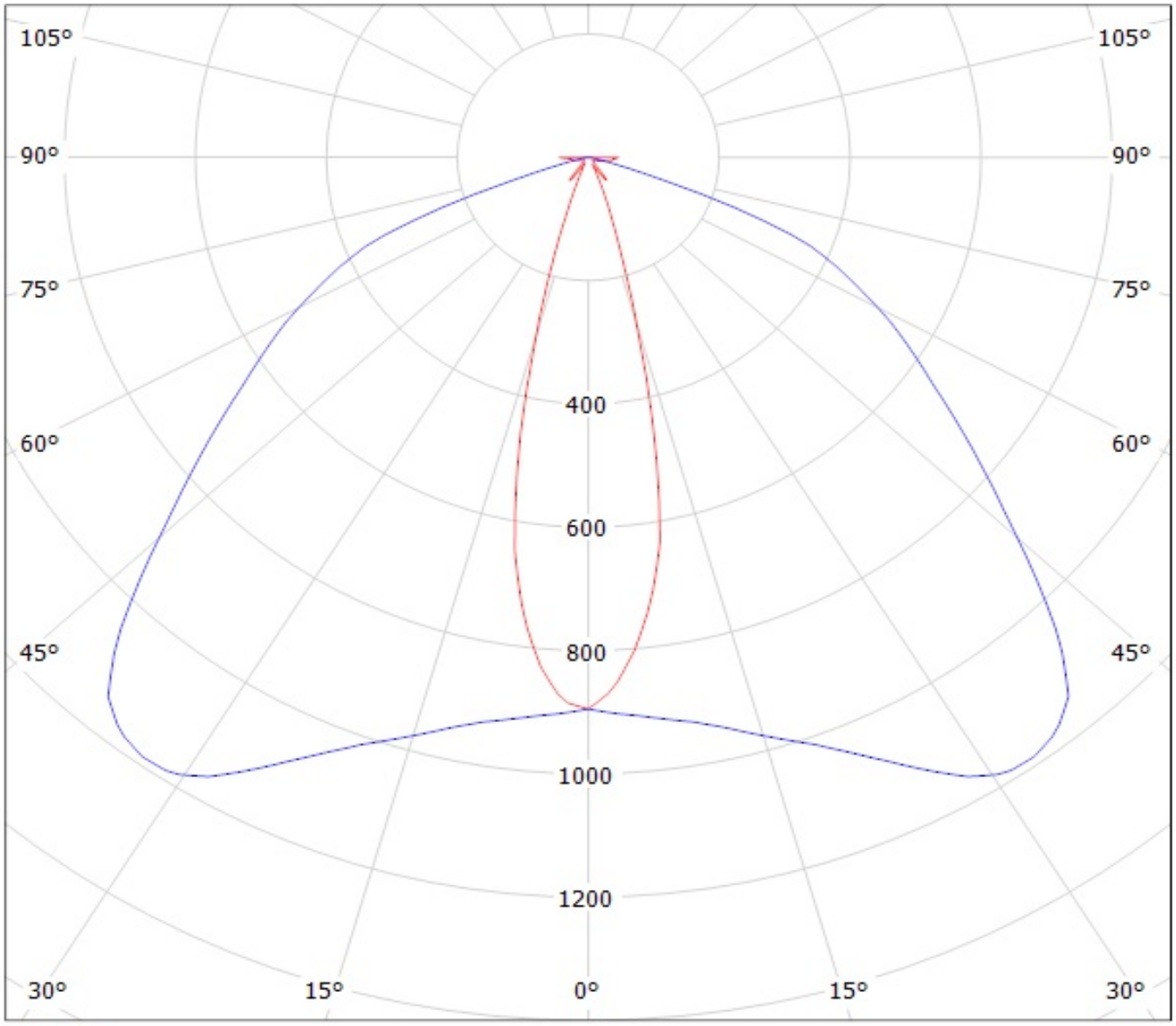


cd/klm

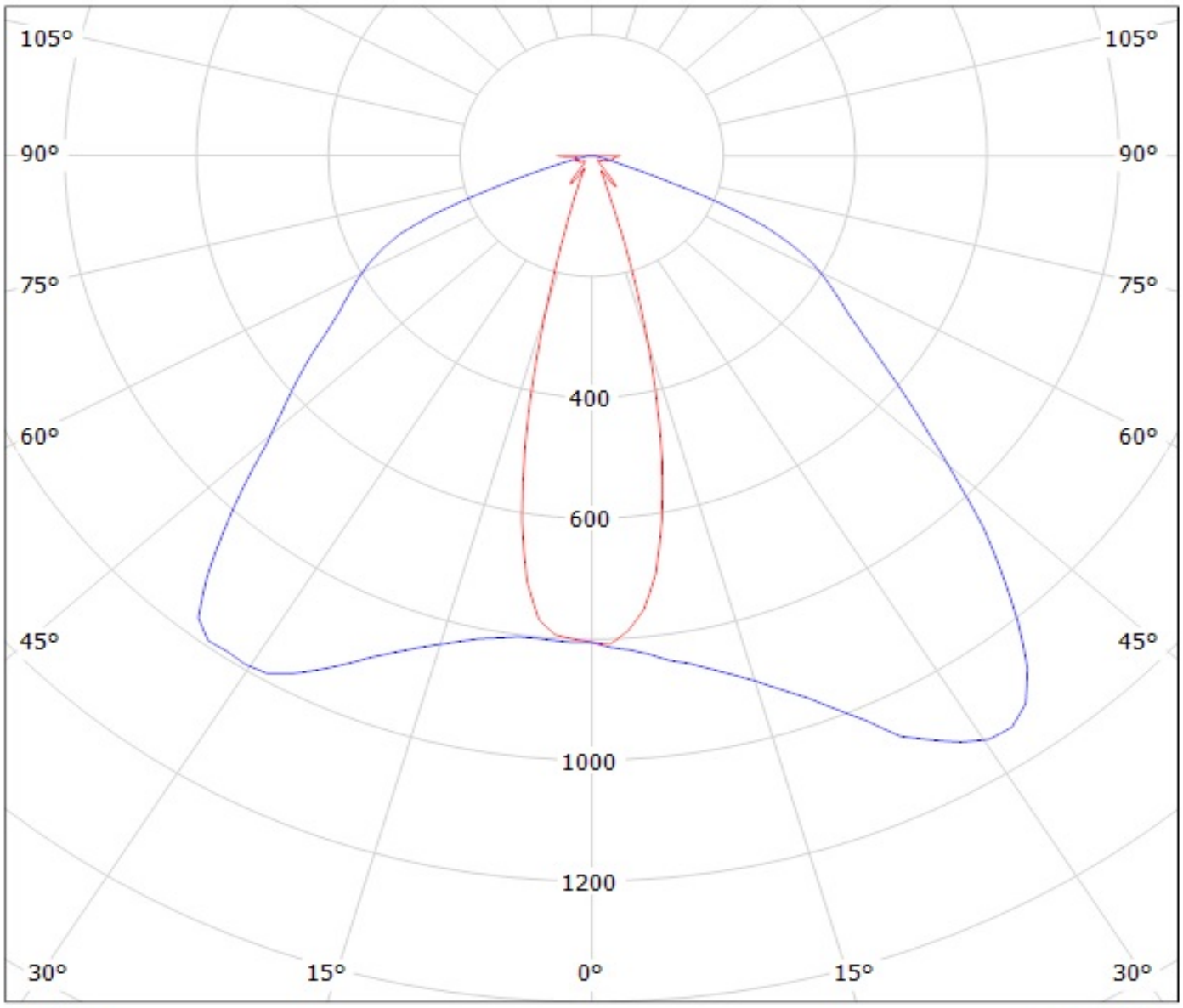
η = 94%

C0 - C180 C90 - C270

Luminaire: LEDil Oy C13749_HB-2X2-O_(XP-G2) Efficiency=94%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-000-00G51) 411lm @ 250mA CCT=7200K P=2.9W I=250mA



Luminaire: LEDil Oy C13749_HB-2X2-O_(Luxeon_MZ)
Lamps: 1 x Philips Lumileds Luxeon MZ (413.59lm @ 250mA) P=2.7W I=250mA

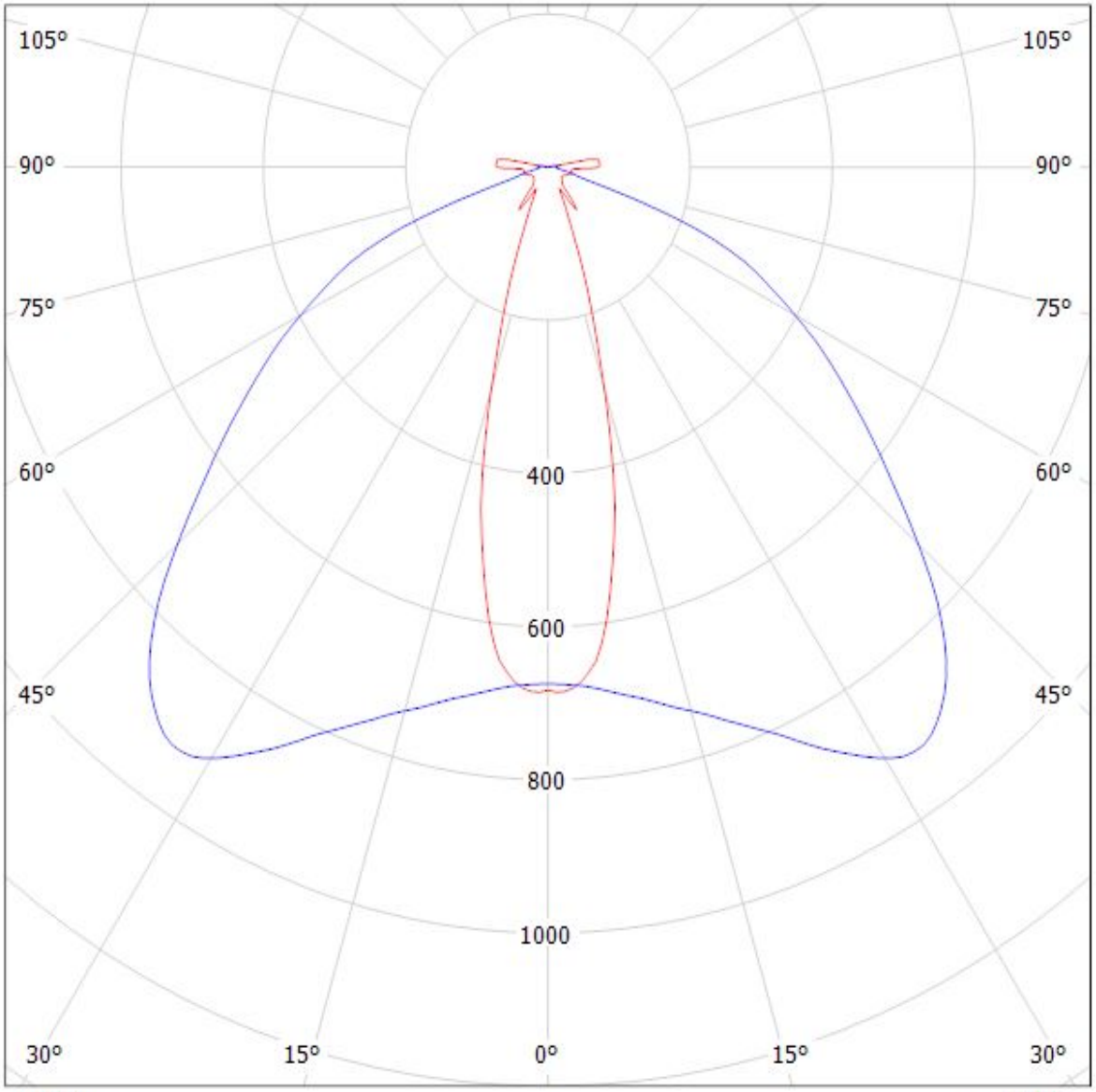


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13749_HB-2X2-O_(XP-L)
Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_490lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA

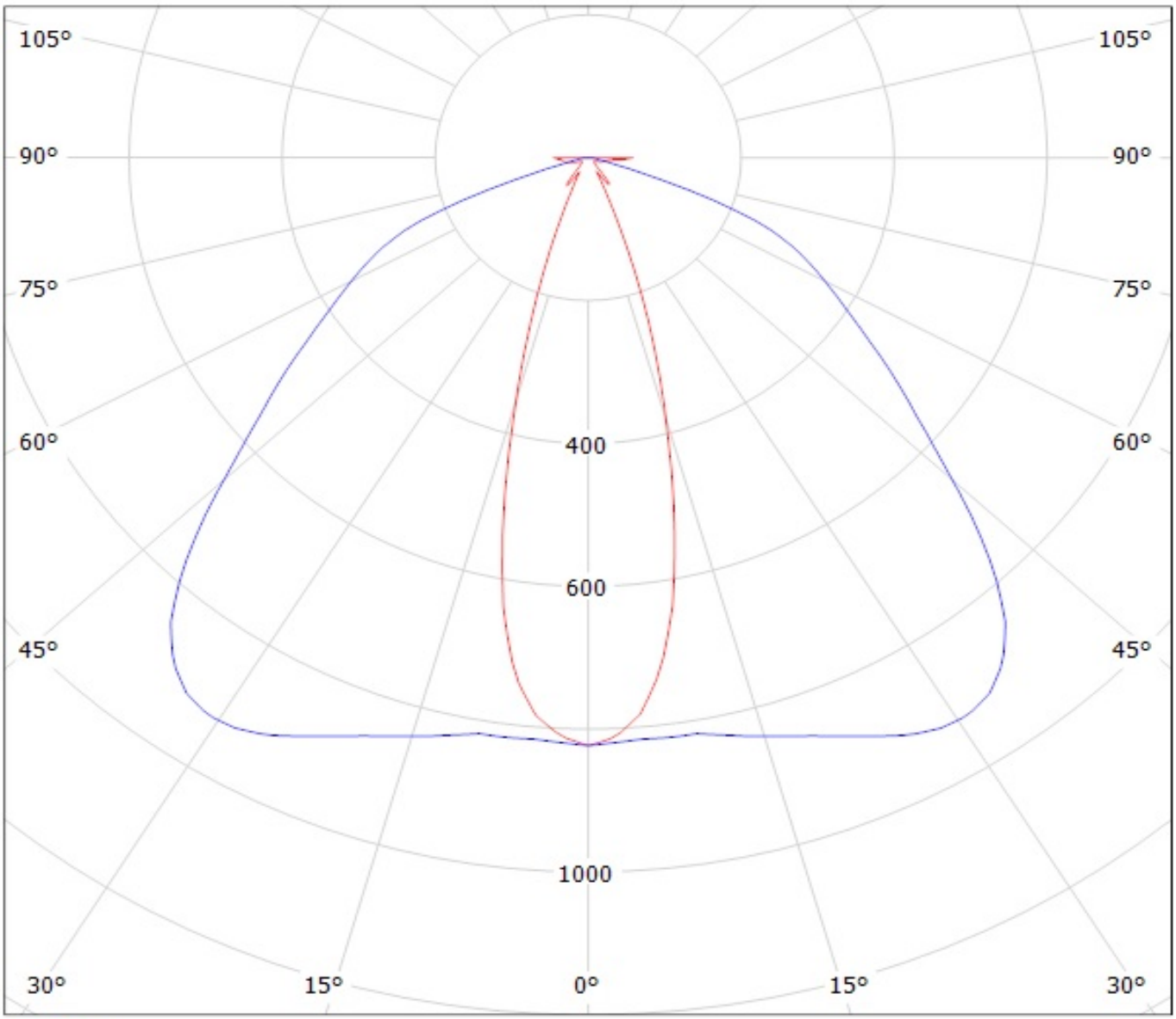


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDil Oy C13749_HB-2X2-O_(XM-L2) Efficiency=94%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 356lm @ 250mA CCT=3200K P=2.8W 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.

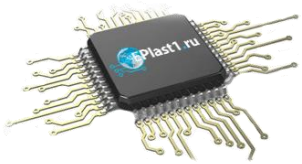
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.