PRODUCT DATASHEET
Tina2 series
last update 24/10/2014

DETAILS



Product Number	C13253_TINA2-R-CLIP16
Family	Tina2
Type	Reflector
Color	clear
Diameter	16,1 mm
Height	10,1 mm
Style	round
Optic Material	HRPC
Holder Material	
Fastening	clips
Status	ready
ROHS Comliant	Yes
Date Updated	18/02/2013

OPTICAL PROPERTIES

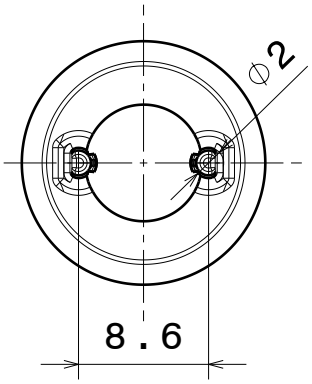
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XT-E	71 deg	Very Wide	87 %	0.585	-
Oslon SSL 80	71 deg	Very Wide	91 %	0.725	-
LUXEON Rebel	72 deg	Very Wide	90 %	0.607	-
NCSxx19A	72 deg	Very Wide	90 %	0.600	-
NF2x757A	72 deg	Very Wide	92 %	0.595	-
XB-D	73 deg	Very Wide	90 %	0.575	-
XP-E2	74 deg	Very Wide	90 %	0.560	-
NVSxx19B/NVSxx19C	74 deg	Very Wide	89 %	0.534	-
LUXEON Rebel ES	74 deg	Very Wide	89 %	0.550	-
XP-E	74 deg	Very Wide	90 %	0.544	-
NVSxx19A	74 deg	Very Wide	90 %	0.556	-
XP-G2	75 deg	Very Wide	89 %	0.530	-
LUXEON T	75 deg	Very Wide	89 %	0.535	-
LUXEON A	75 deg	Very Wide	91 %	0.540	-
LUXEON R	75 deg	Very Wide	89 %	0.550	-
Oslon SSL 150	75 deg	Very Wide	88 %	0.520	-
Oslon Square EC	75 deg	Very Wide	91 %	0.545	-
Duris S5 (2 chip)	76 deg	Very Wide	91 %	0.500	-
XP-G	77 deg	Very Wide	90 %	0.506	-
XM-L2	78 deg	Very Wide	90 %	0.480	-
XM-L	78 deg	Very Wide	88 %	0.480	-
XB-H	81 deg	Very Wide	92 %	0.460	-
LUXEON TX	81 deg	Very Wide	90 %	0.500	-

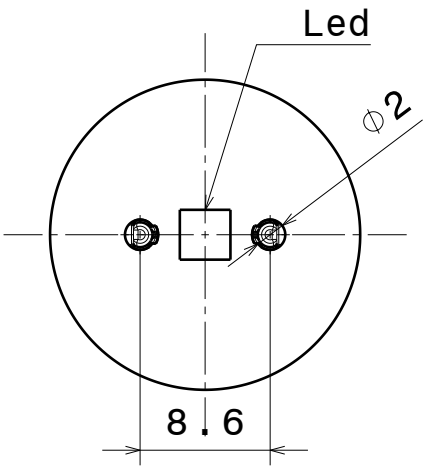
Ledil Oy
Salorankatu 10
24240 SALO, Finland

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

INDEX	PART NO	DESCRIPTION	MATERIAL
1	C13253	TINA2-R-CLIP16	PC

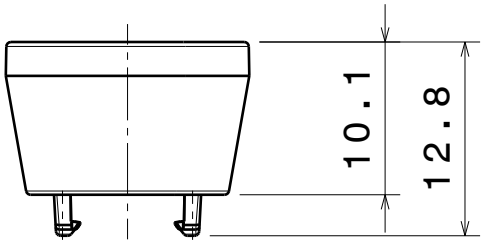
Bottom view

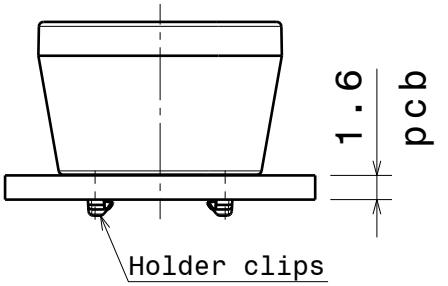




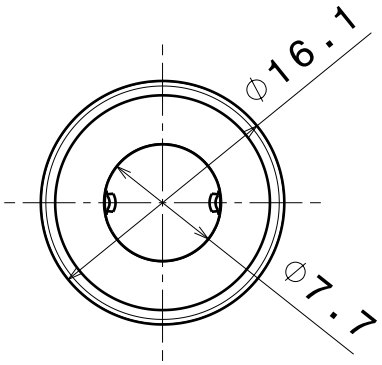
PCB-suggestion

Front view





Top view



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

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWN BY	DATE
mav	24.10.2012
CHECKED BY	DATE
vs	24.10.2012
DESIGNED BY	DATE
mav	23.10.2012

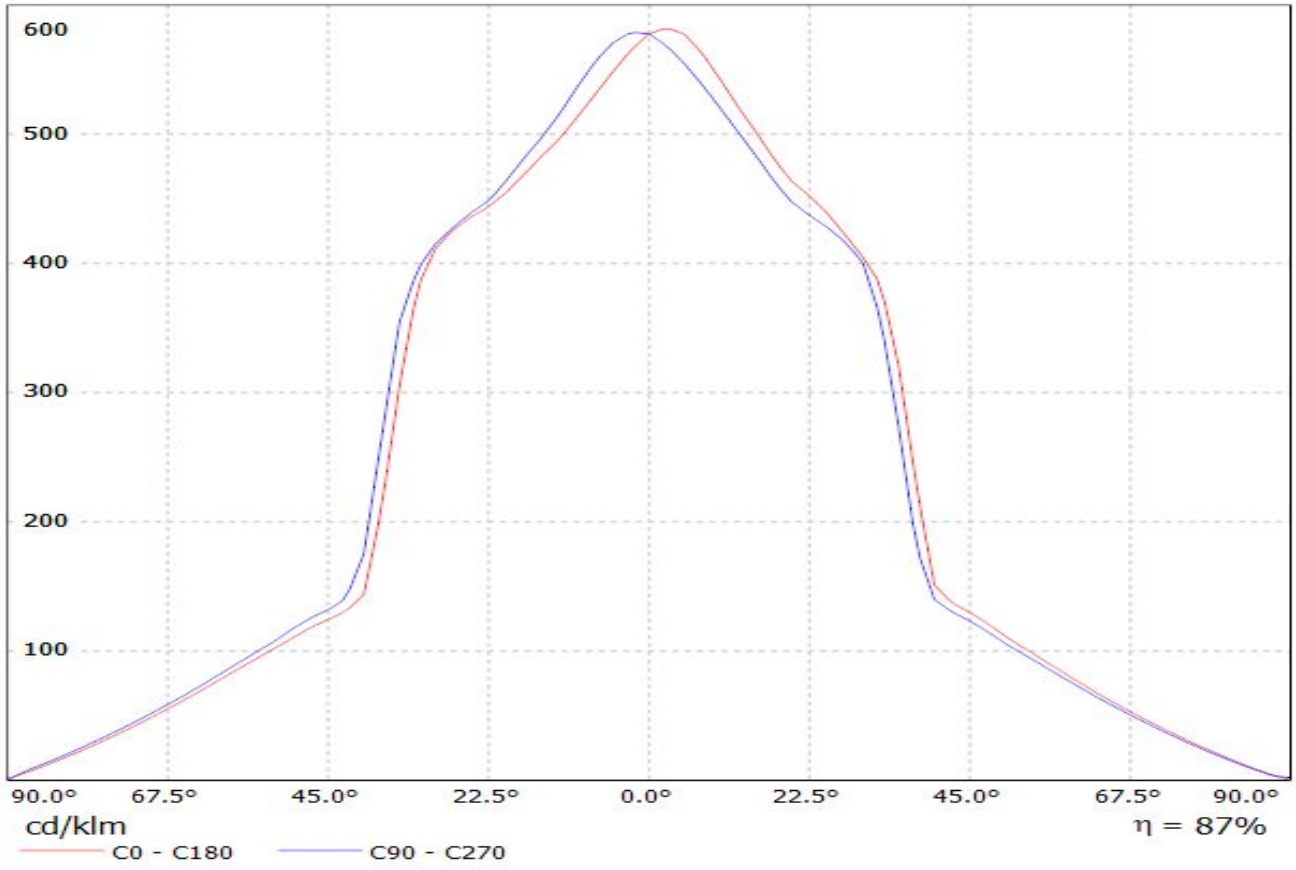
DRAWING TITLE: Part Drawing

Datasheet C13253_TINA2-R-CLIP16

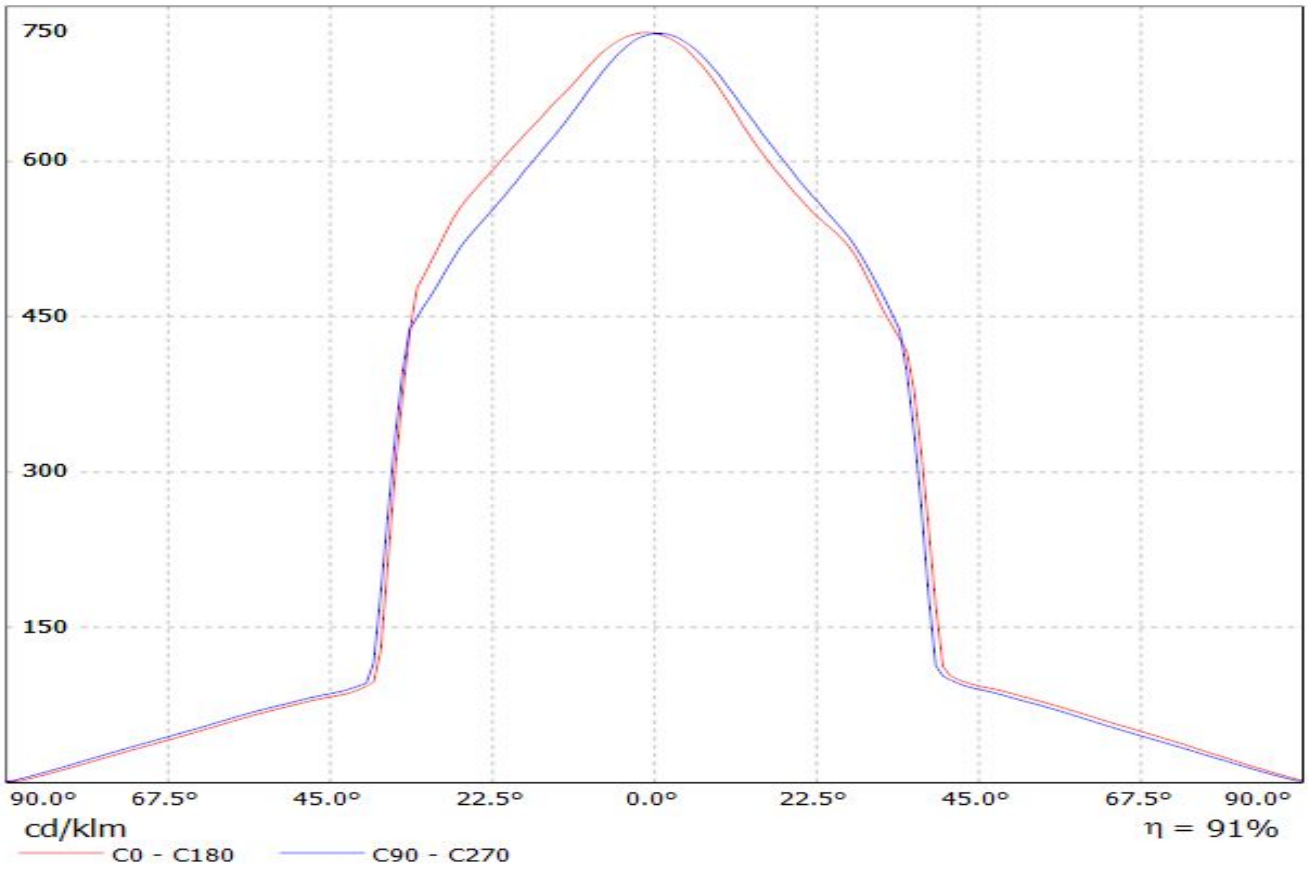
SIZE	PART NUMBER	REV
A4	C13253	001

SCALE	WEIGHT		SHEET
2:1	0,789g		1/1

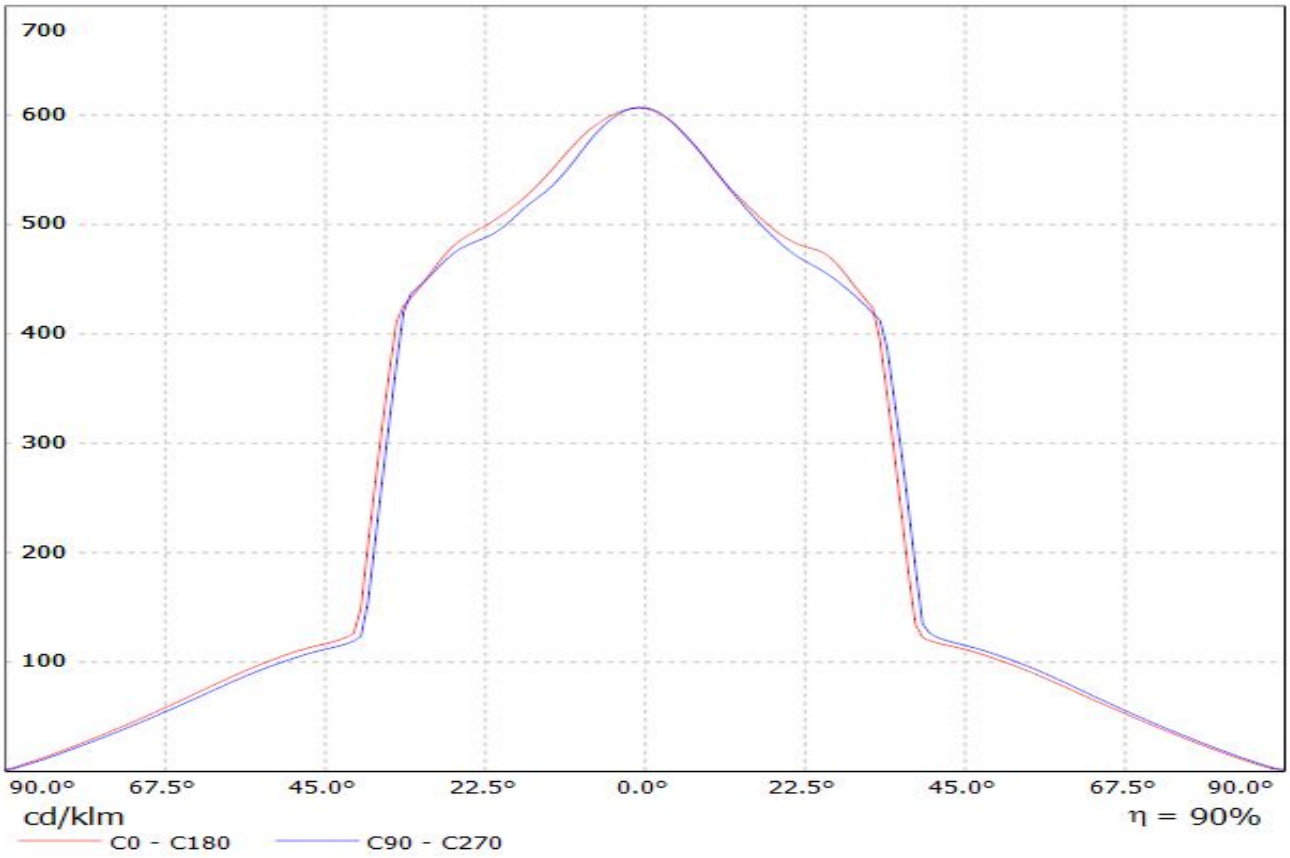
Luminaire: LEDiL Oy Luminaire Catalog Number C13253_TINA2-R-CLIP16_(XT-E) Eff, 86,5%
Lamps: 1 x Cree XT-E (102 lm@250mA)



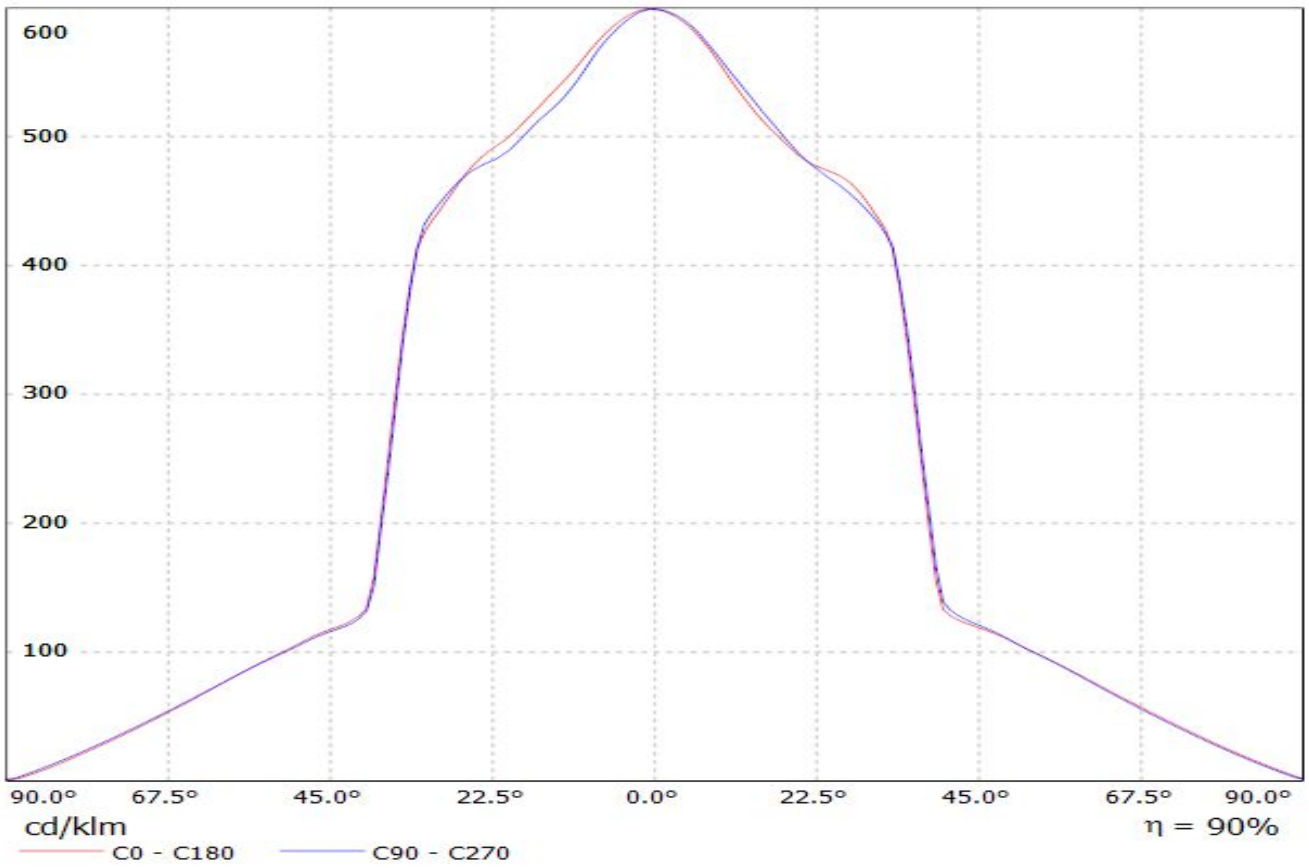
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(SSL80) Eff. 91,1%
Lamps: 1 x Osram SSL80 (81lm@250mA)



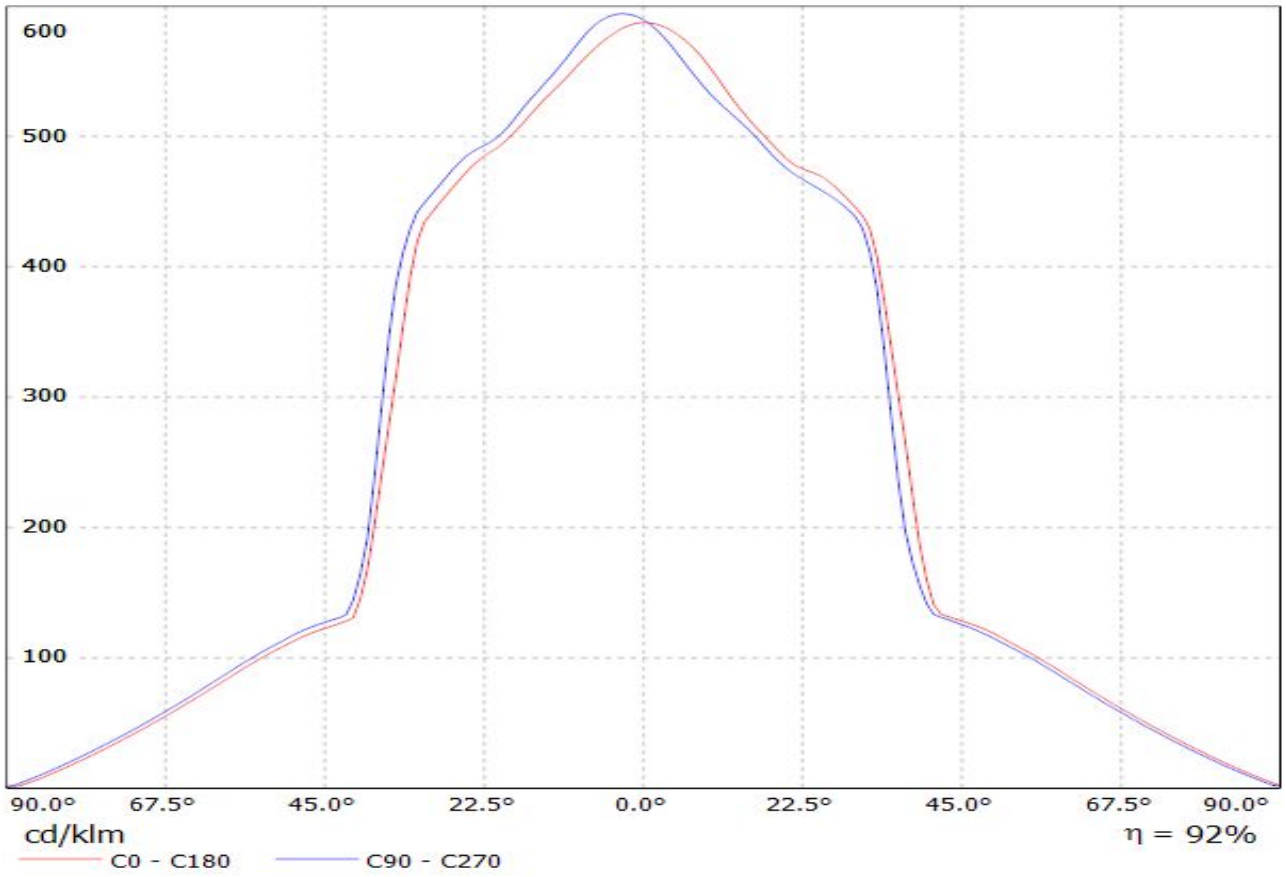
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_Rebel) Eff. 89,9%
Lamps: 1 x Luxeon Rebel (81lm@250mA)



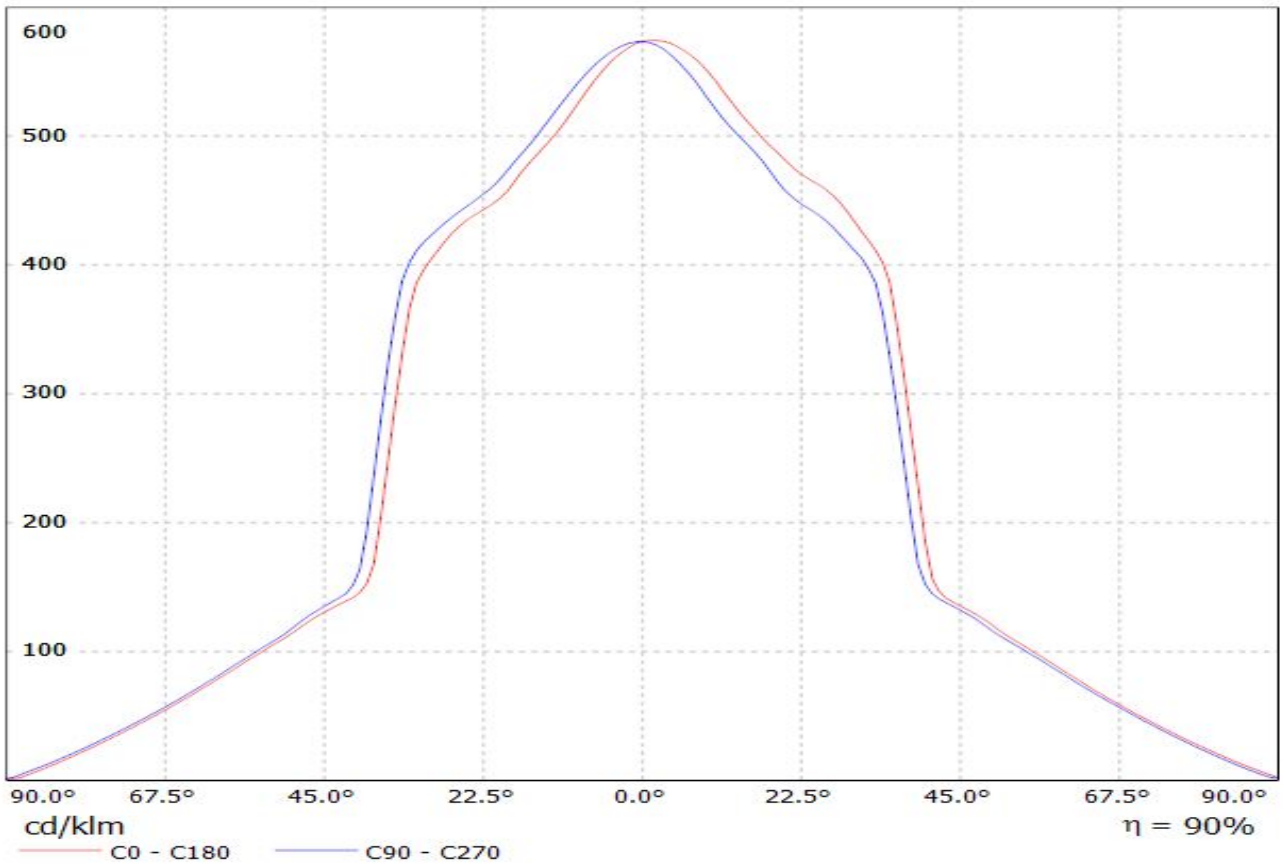
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NCS19) Eff. 89,7%
Lamps: 1 x Nichia NCS19 (88lm@250mA)



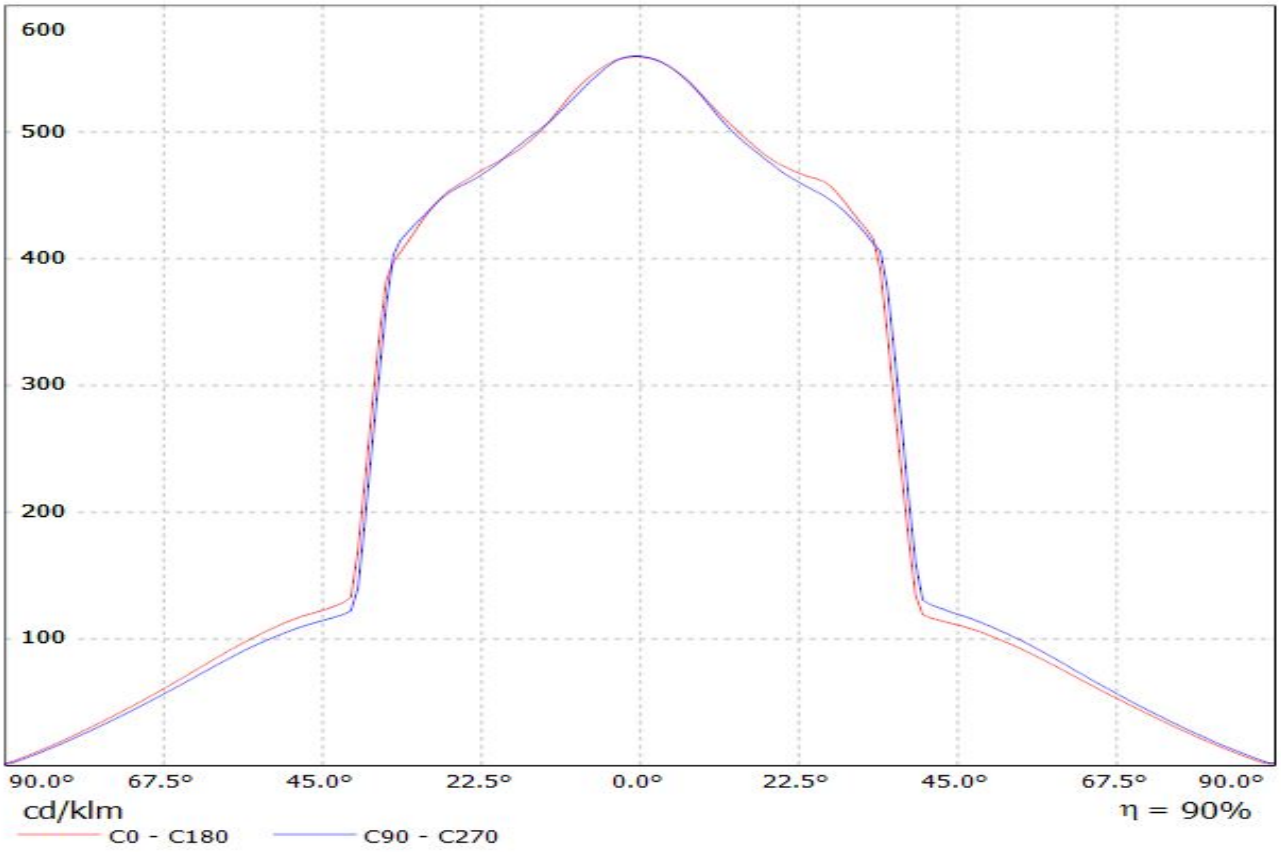
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NF2x757) Eff. 91,7%
Lamps: 1 x Nichia NF2x757 (69lm@100mA)



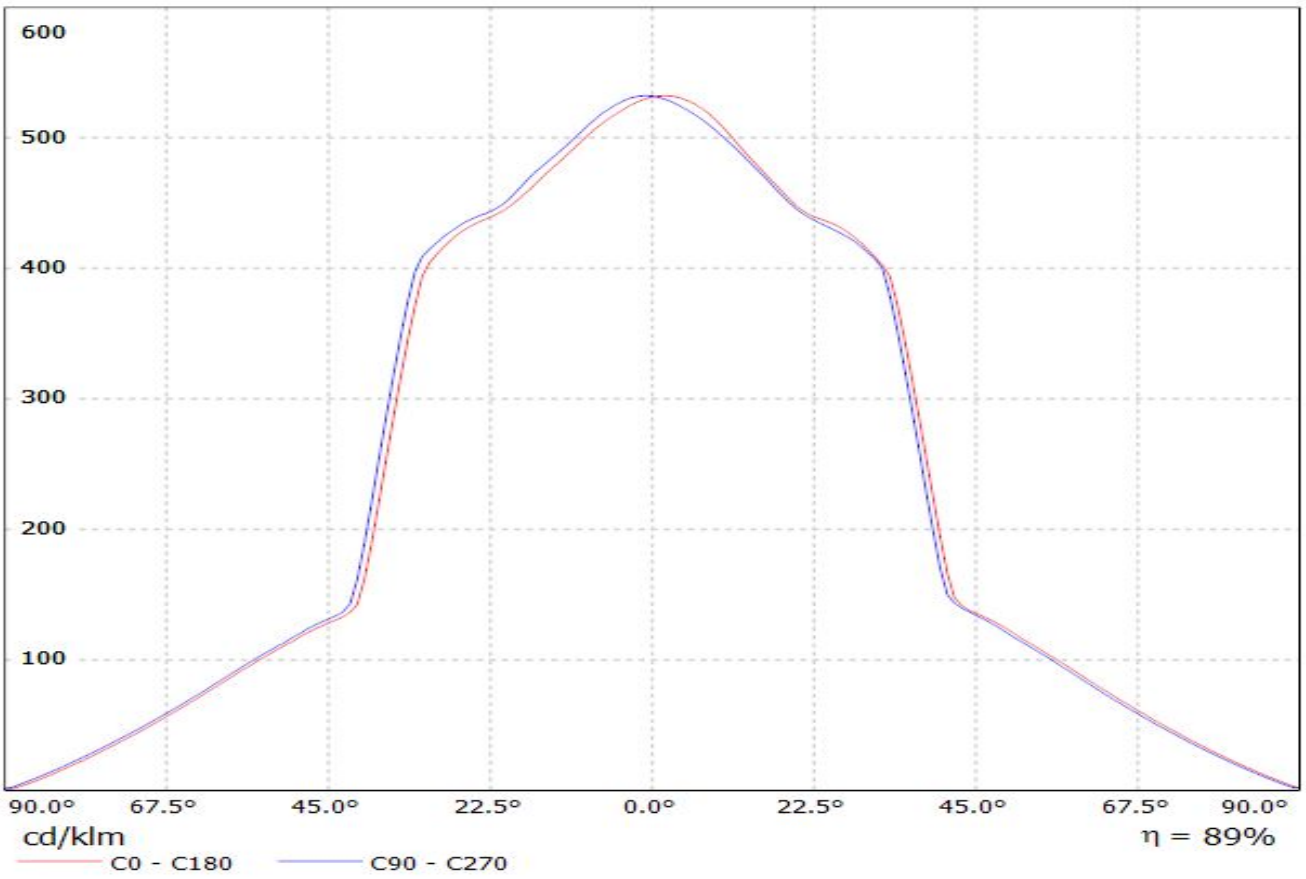
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XB-D) Eff. 89,9%
Lamps: 1 x Cree XB-D (92lm@250mA)



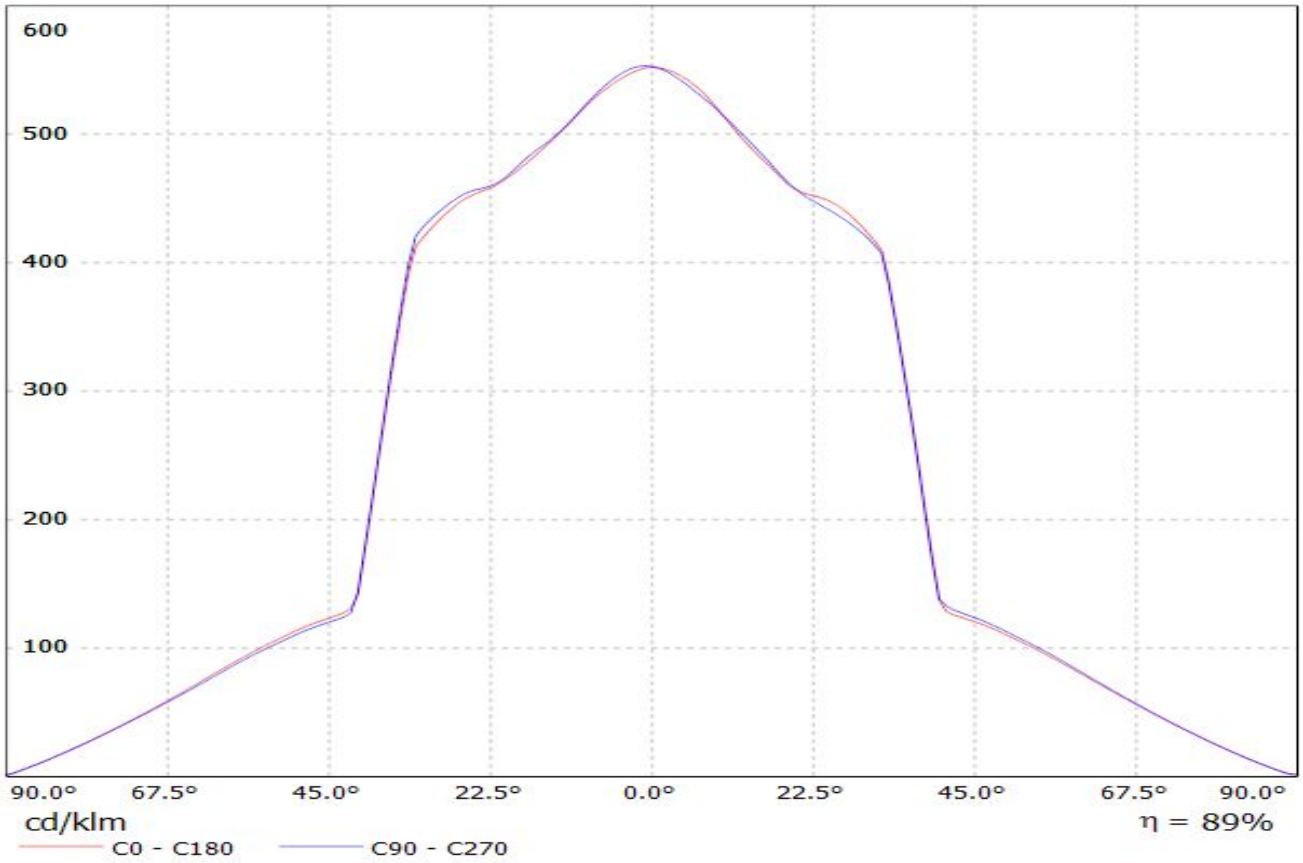
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XP-E2) Eff. 90,1%
Lamps: 1 x Cree XP-E2 (93 lm@250mA)



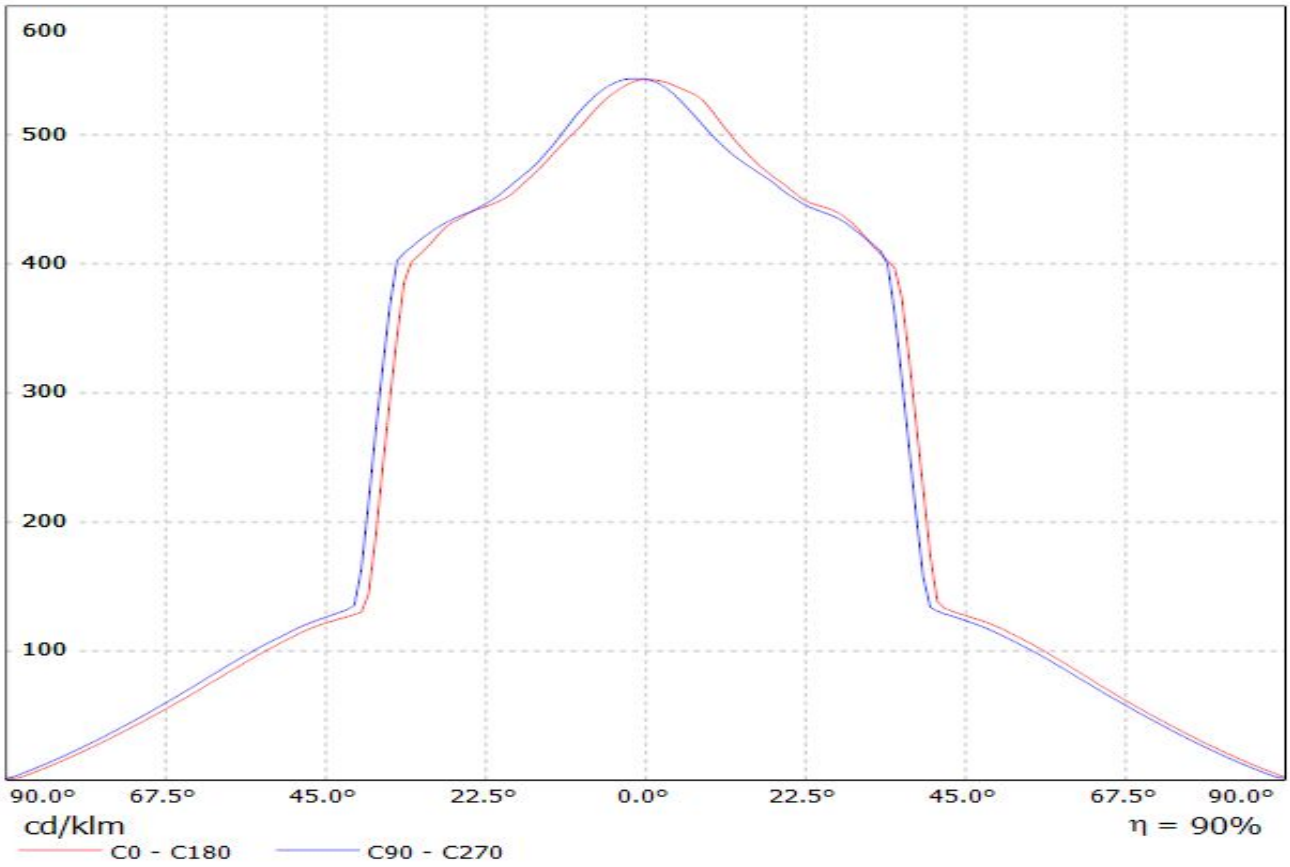
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NVS19B) Eff. 89,4%
Lamps: 1 x Nichia NVS19B (108lm@250mA)



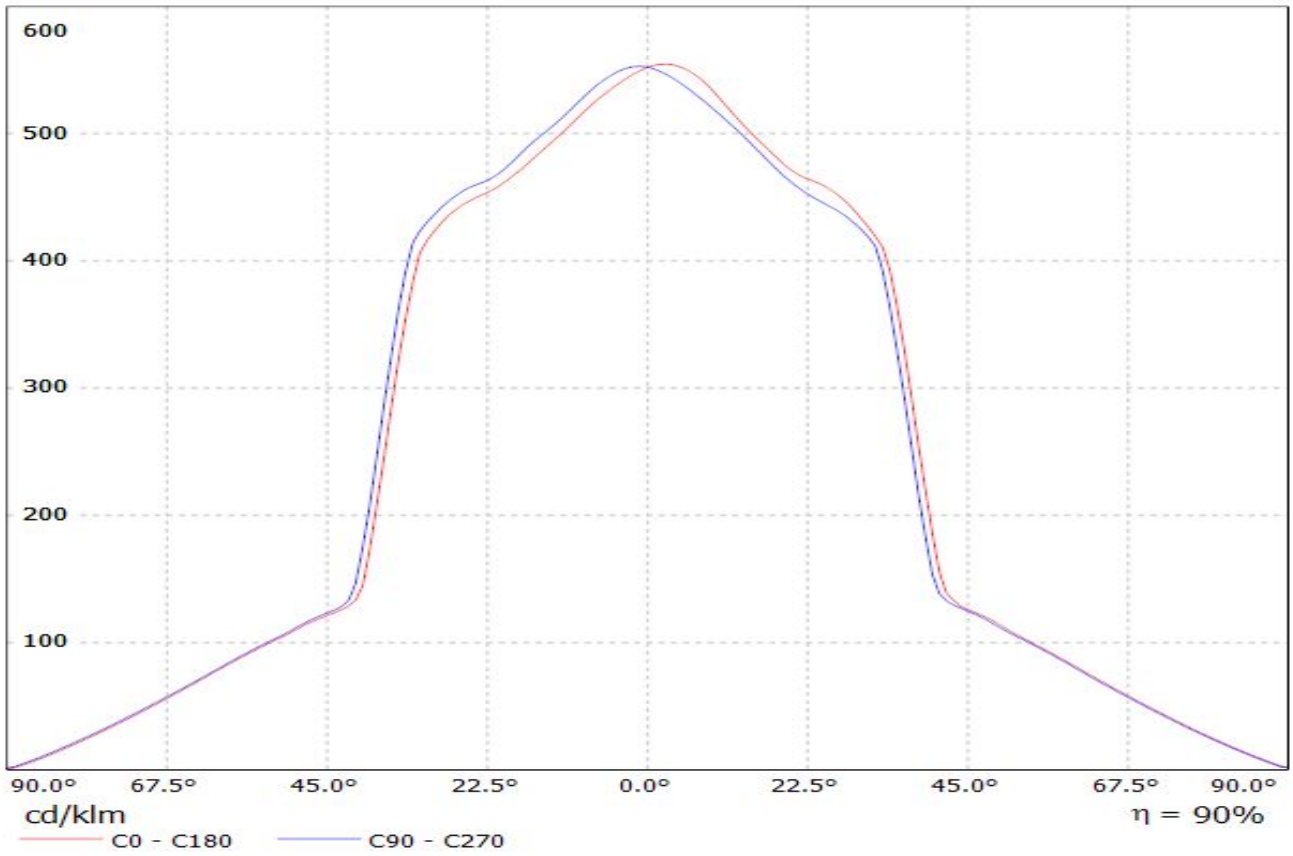
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_Rebel-ES) Eff. 89,3%
Lamps: 1 x Luxeon Rebel-ES (89lm@250mA)



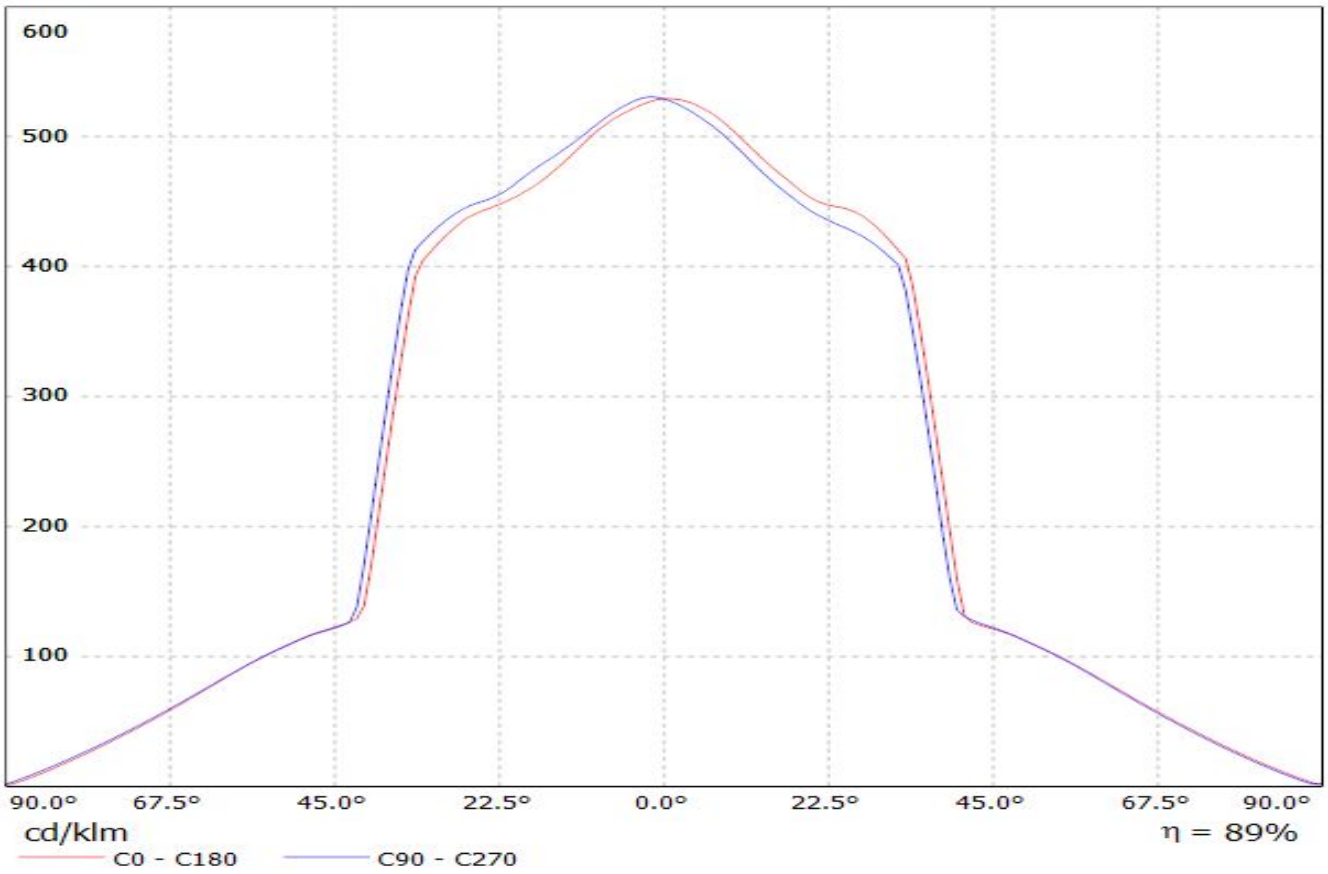
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XP-E) Eff. 89,9%
Lamps: 1 x Cree XP-E Ceramic (70lm@250mA)



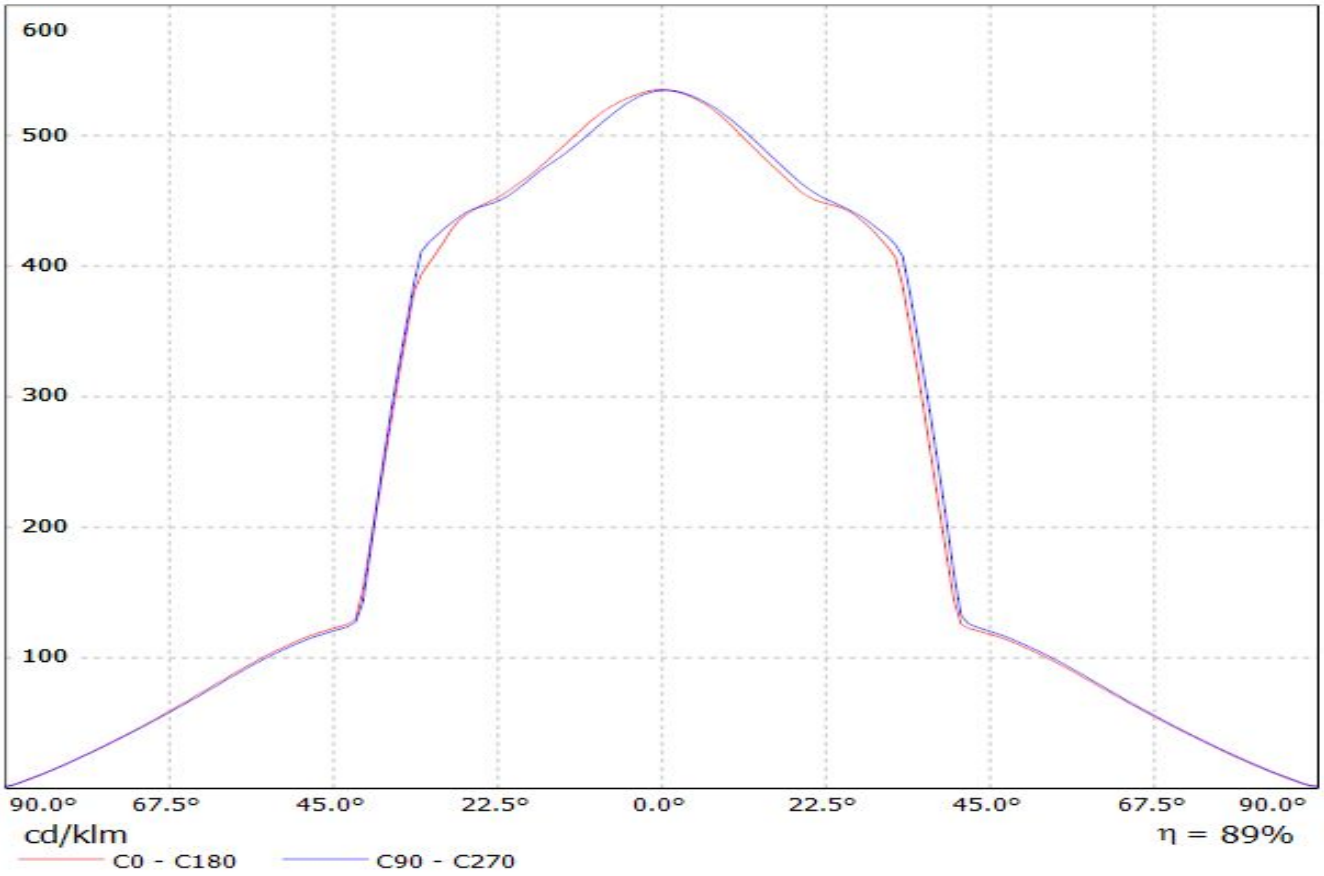
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NVS19) Eff. 89,8%
Lamps: 1 x Nichia NVS19 (97,5lm@250mA)



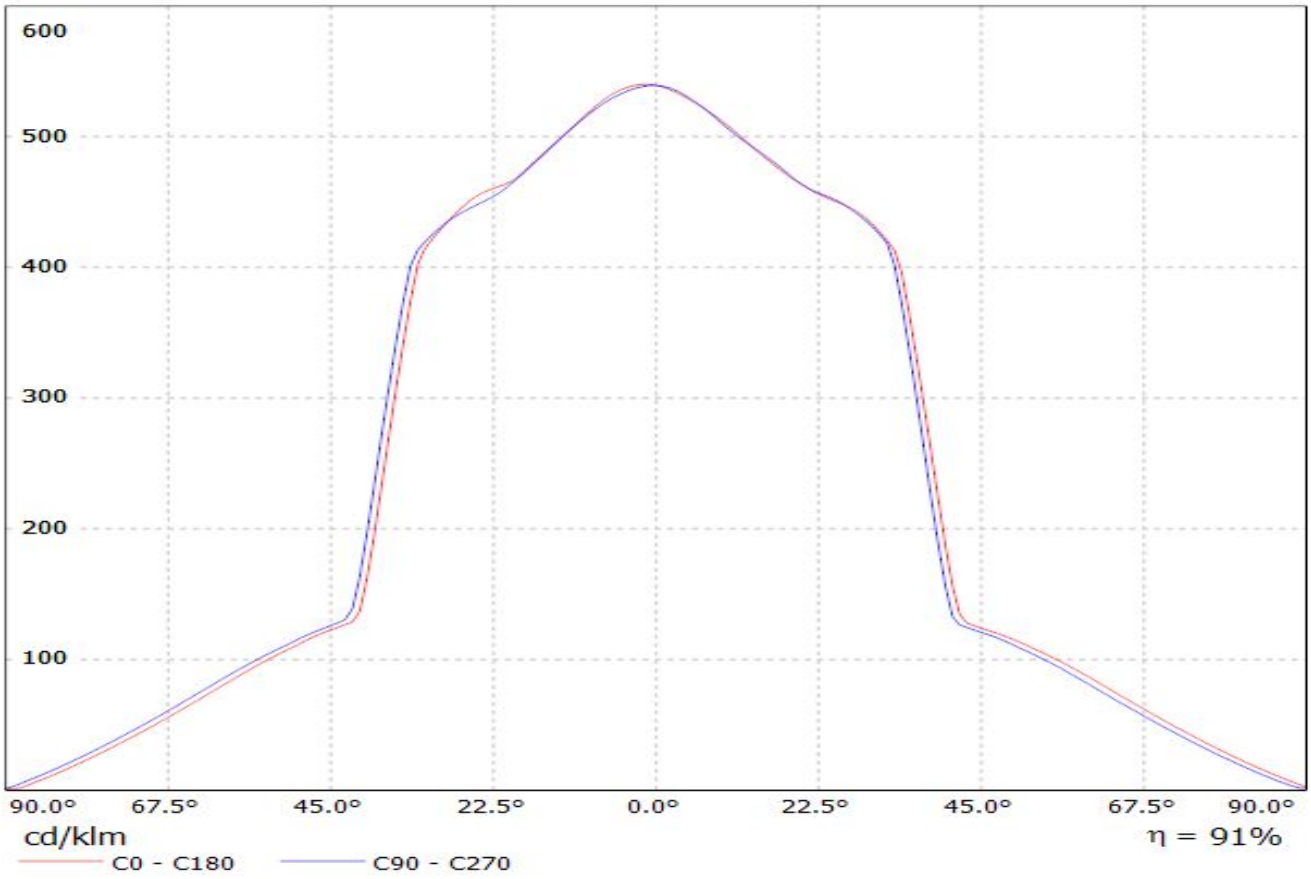
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Cree_XP-G2) Eff. 89,1%
Lamps: 1 x Cree XP-G2 (106 lm@250mA)



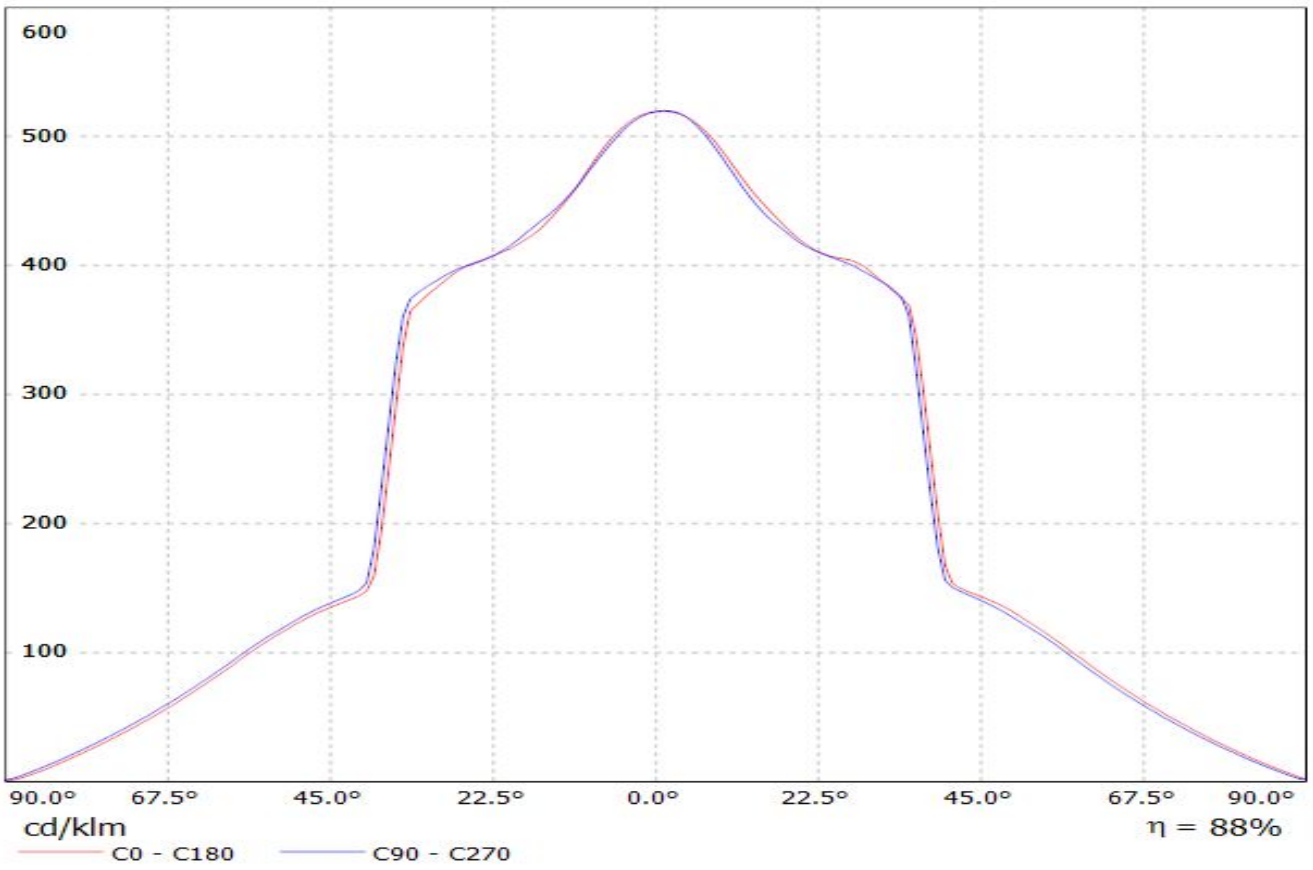
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_T) Eff. 88,8%
Lamps: 1 x Luxeon T (73 lm@250mA)



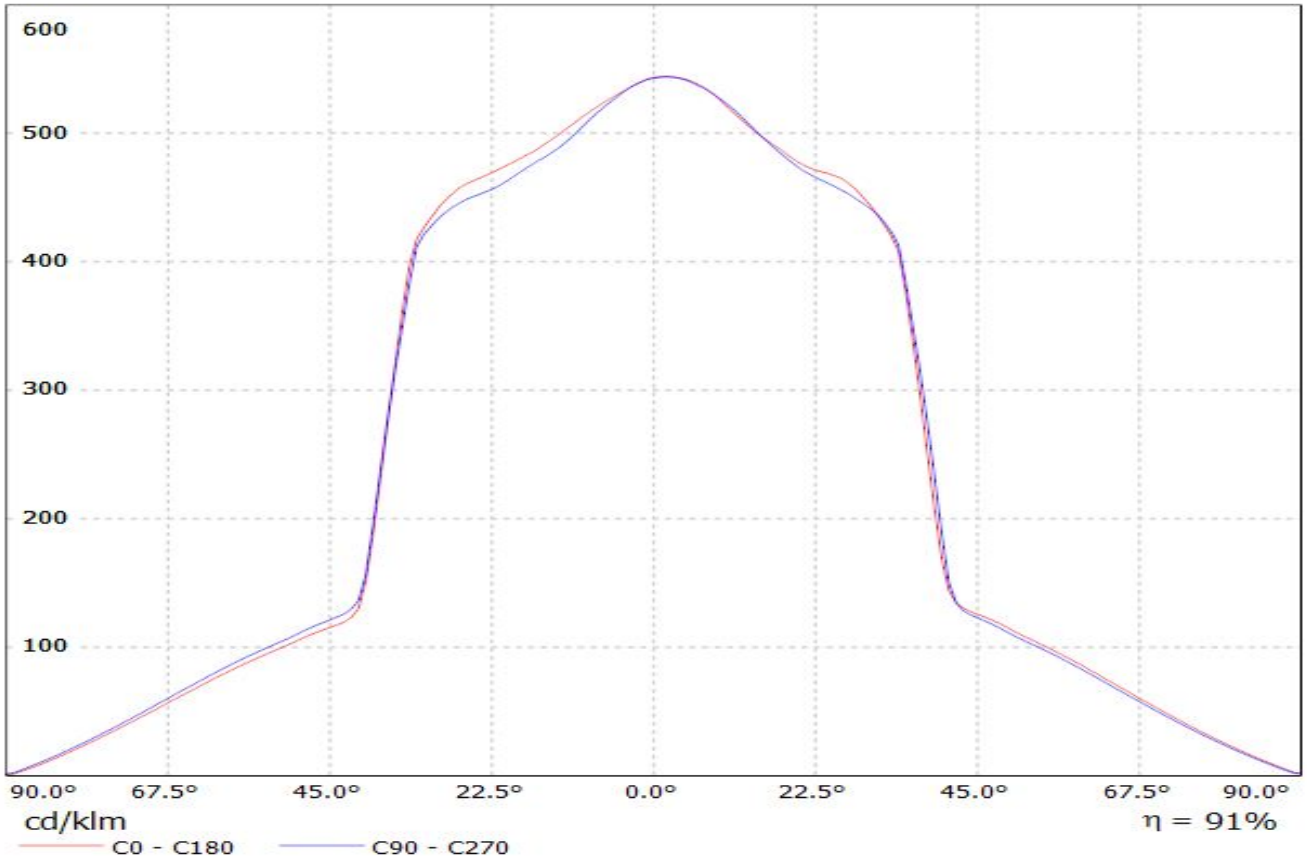
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_A) Eff. 90,6%
Lamps: 1 x Luxeon A (66lm@250mA)



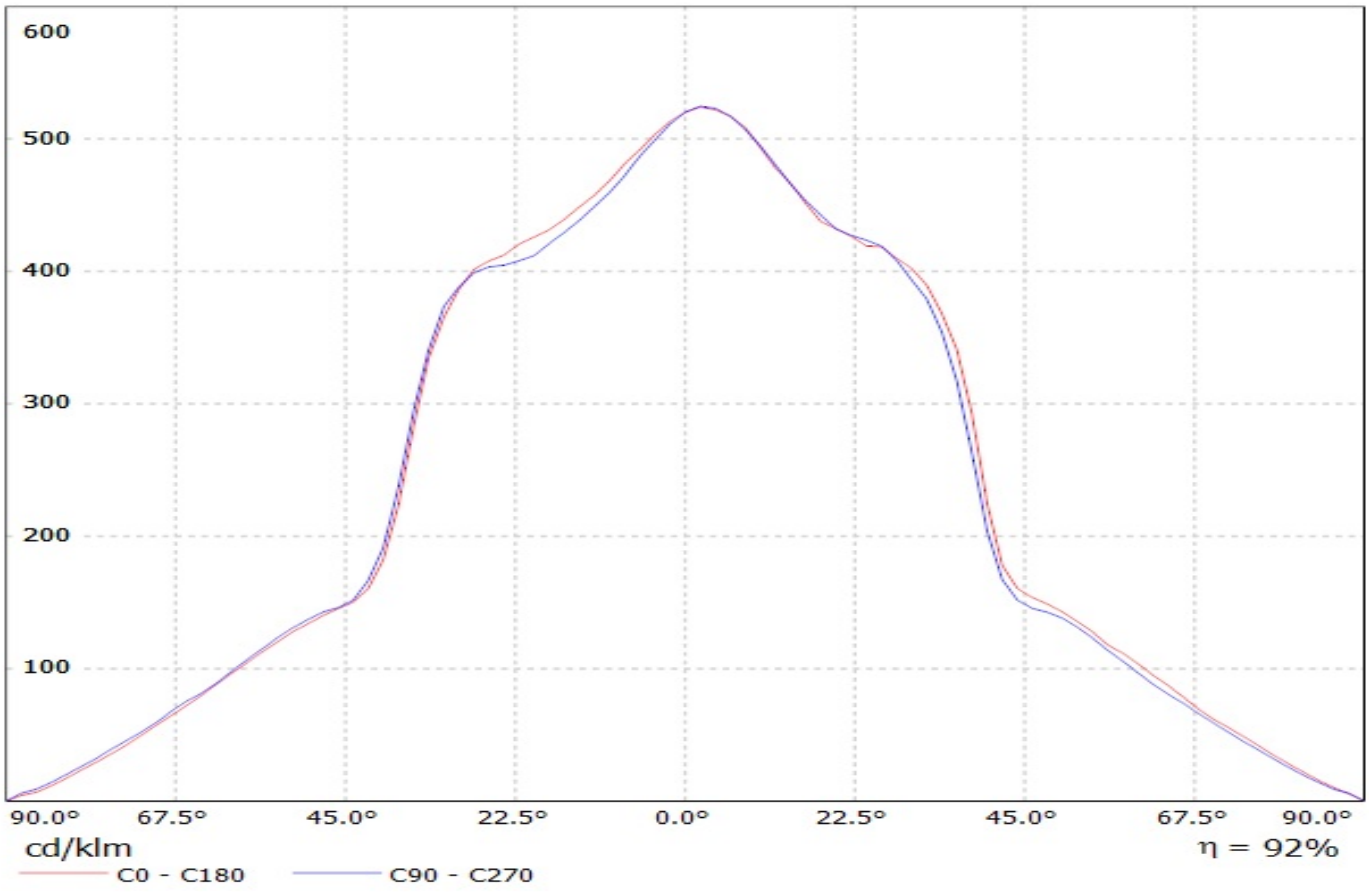
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(SSL150) Eff. 87,6%
Lamps: 1 x Osram SSL150 (87lm@250mA)



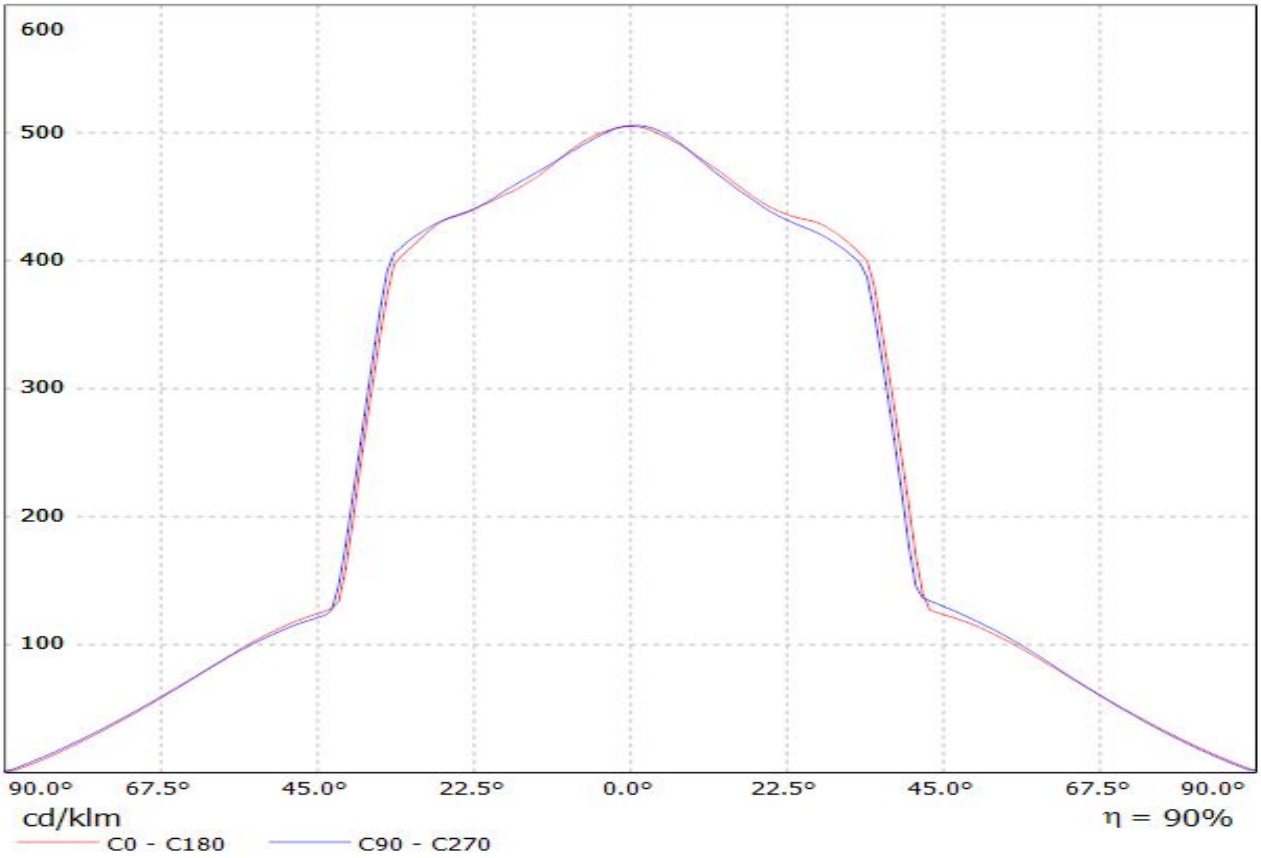
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(SQ_EC) Eff. 90,7%
Lamps: 1 x Osram Square (63,4lm@250mA)



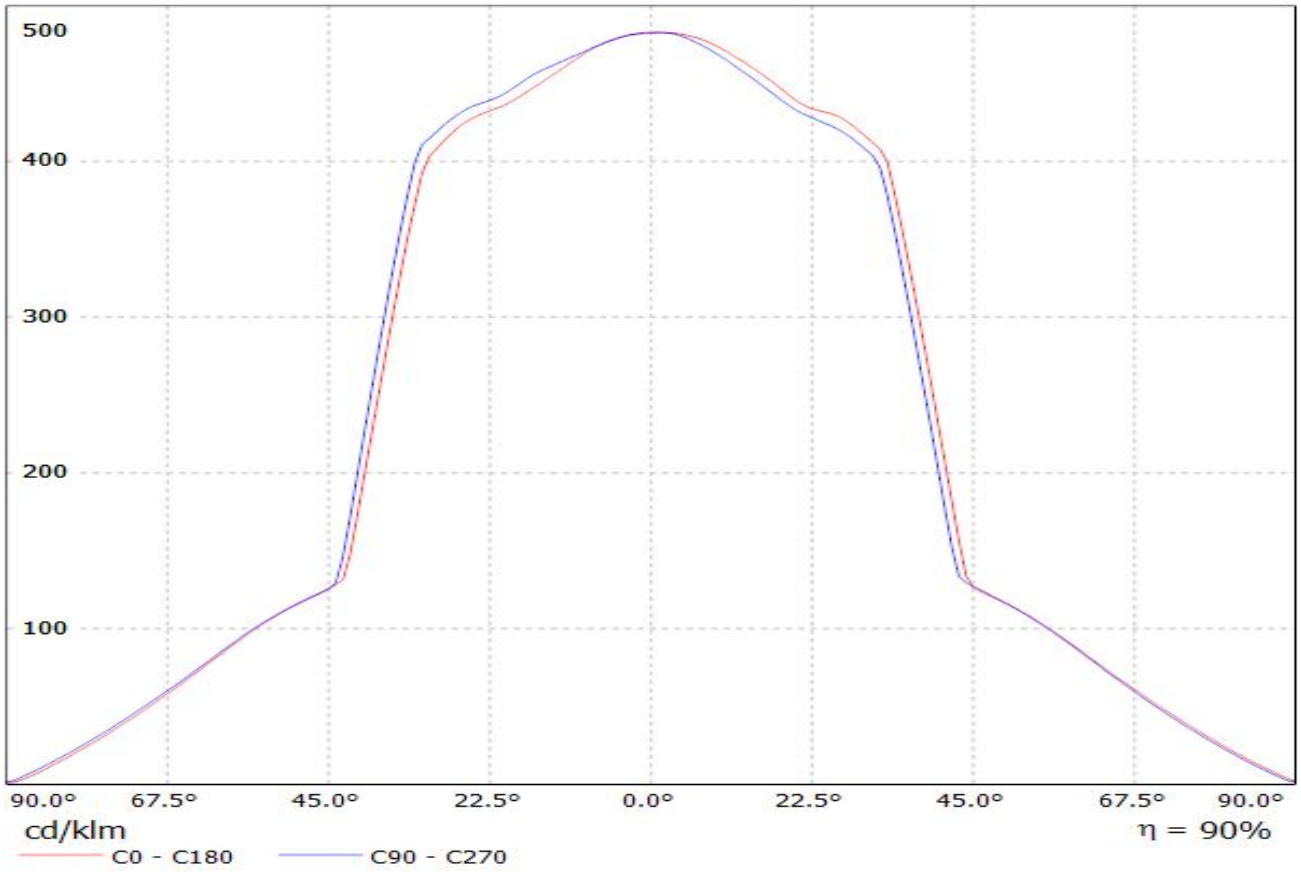
Luminaire: LEDil Oy C13253_TINA2-R-CLIP16_(DURIS_S5) Efficiency=91%
Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



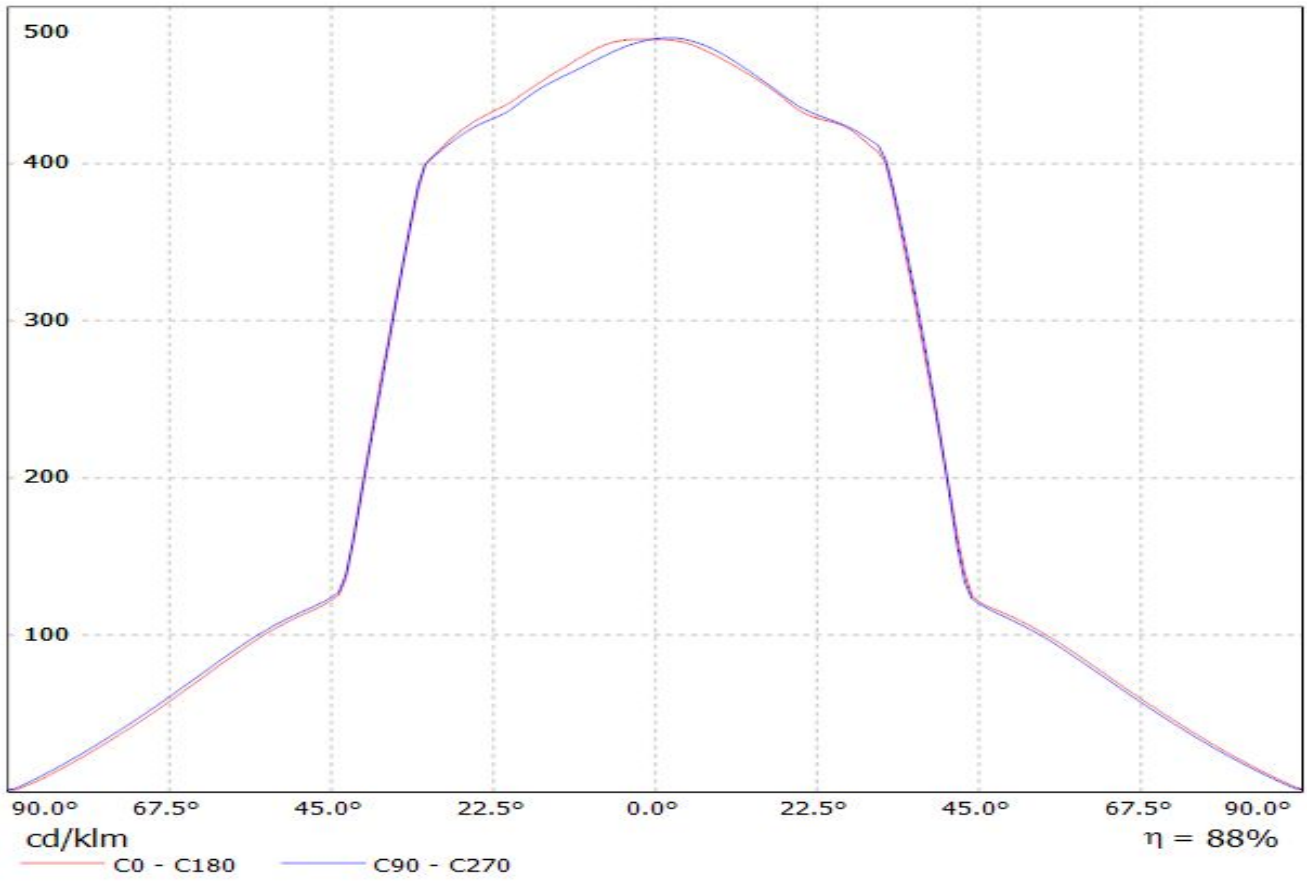
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XP-G) Eff. 90,1%
Lamps: 1 x Cree XP-G (66lm@250mA)



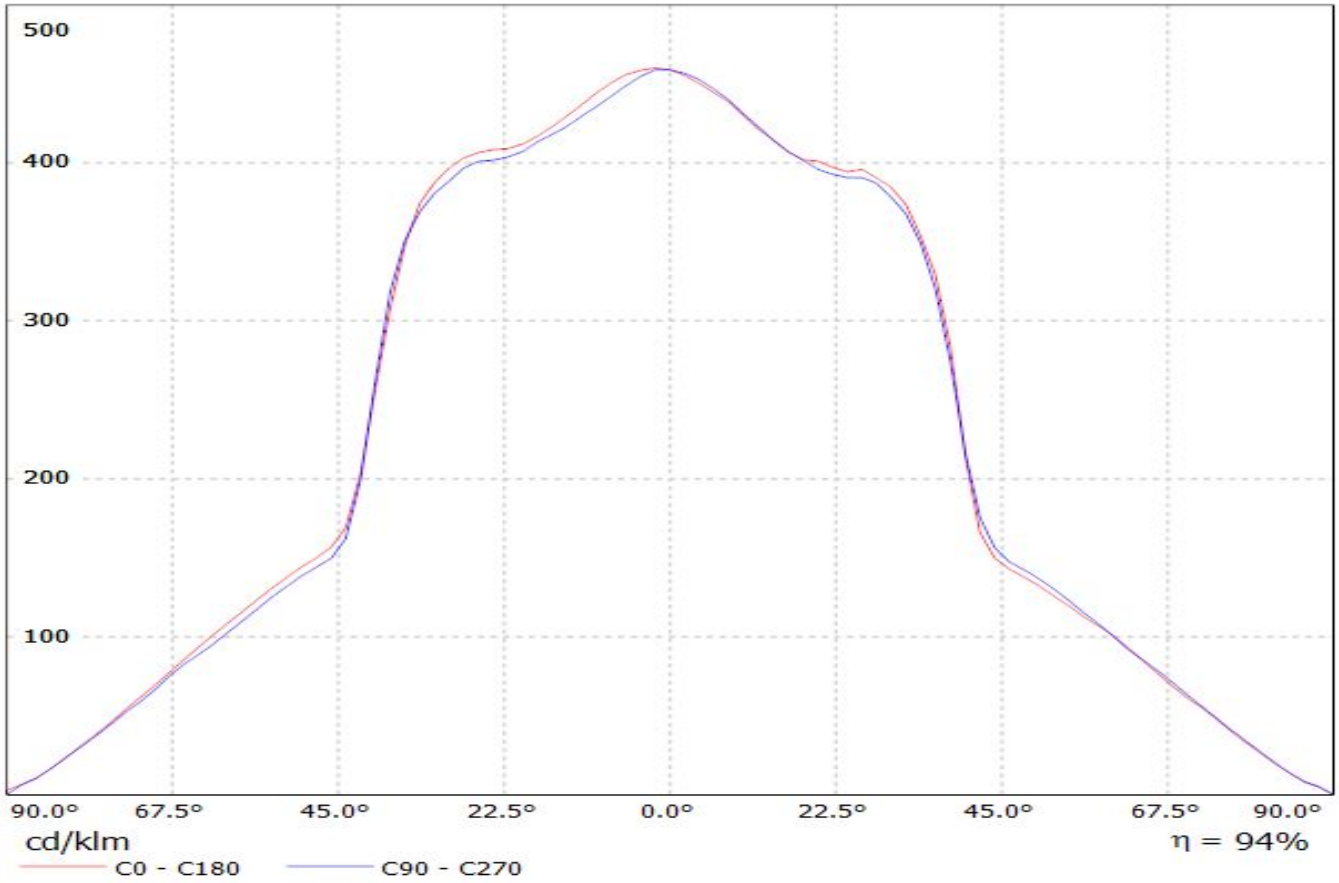
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XM-L2) Eff.89,6%
Lamps: 1 x Cree XM-L2 (99lm@250mA)



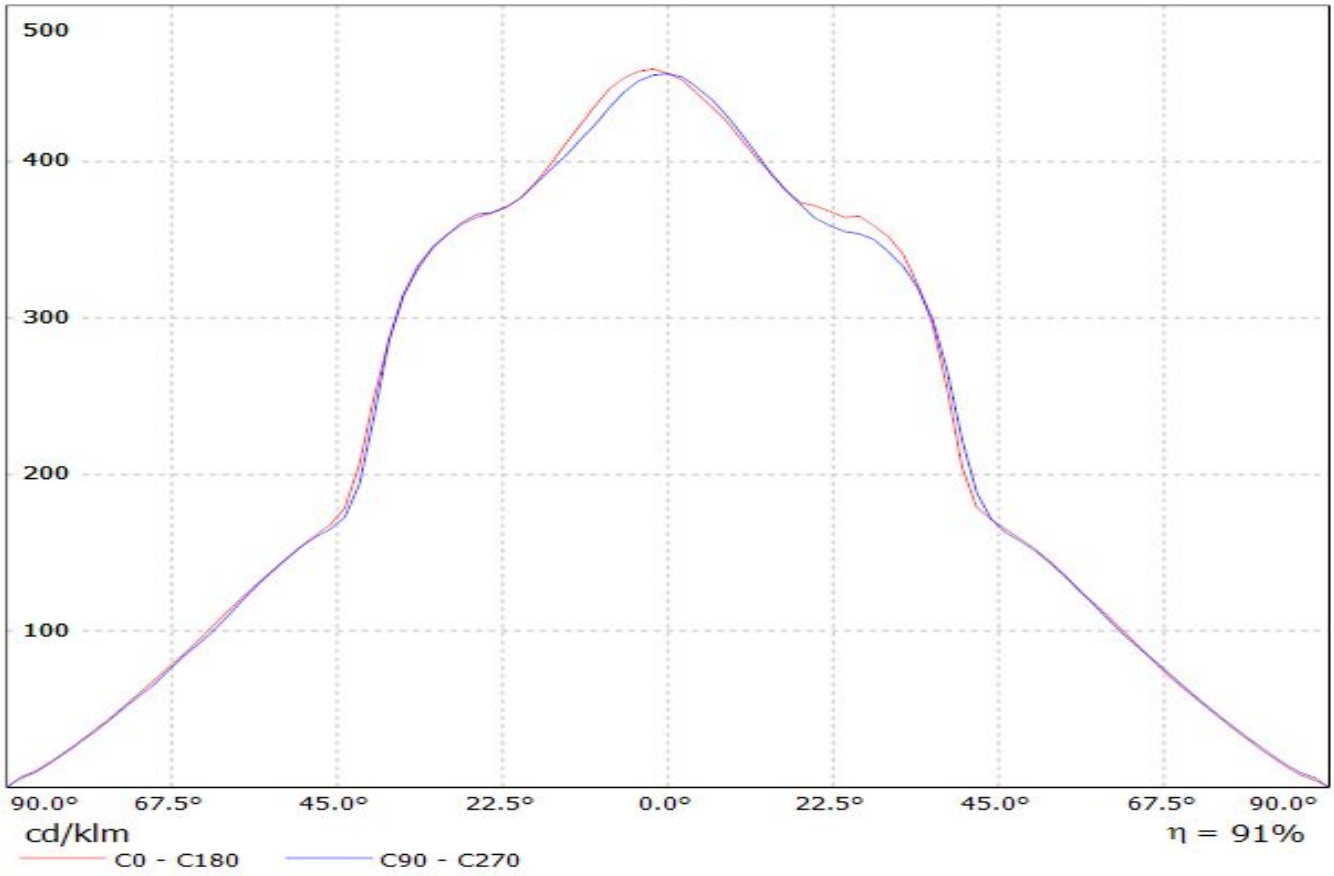
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XM-L) Eff. 88,3%
Lamps: 1 x Cree XM-L (91lm@250mA)



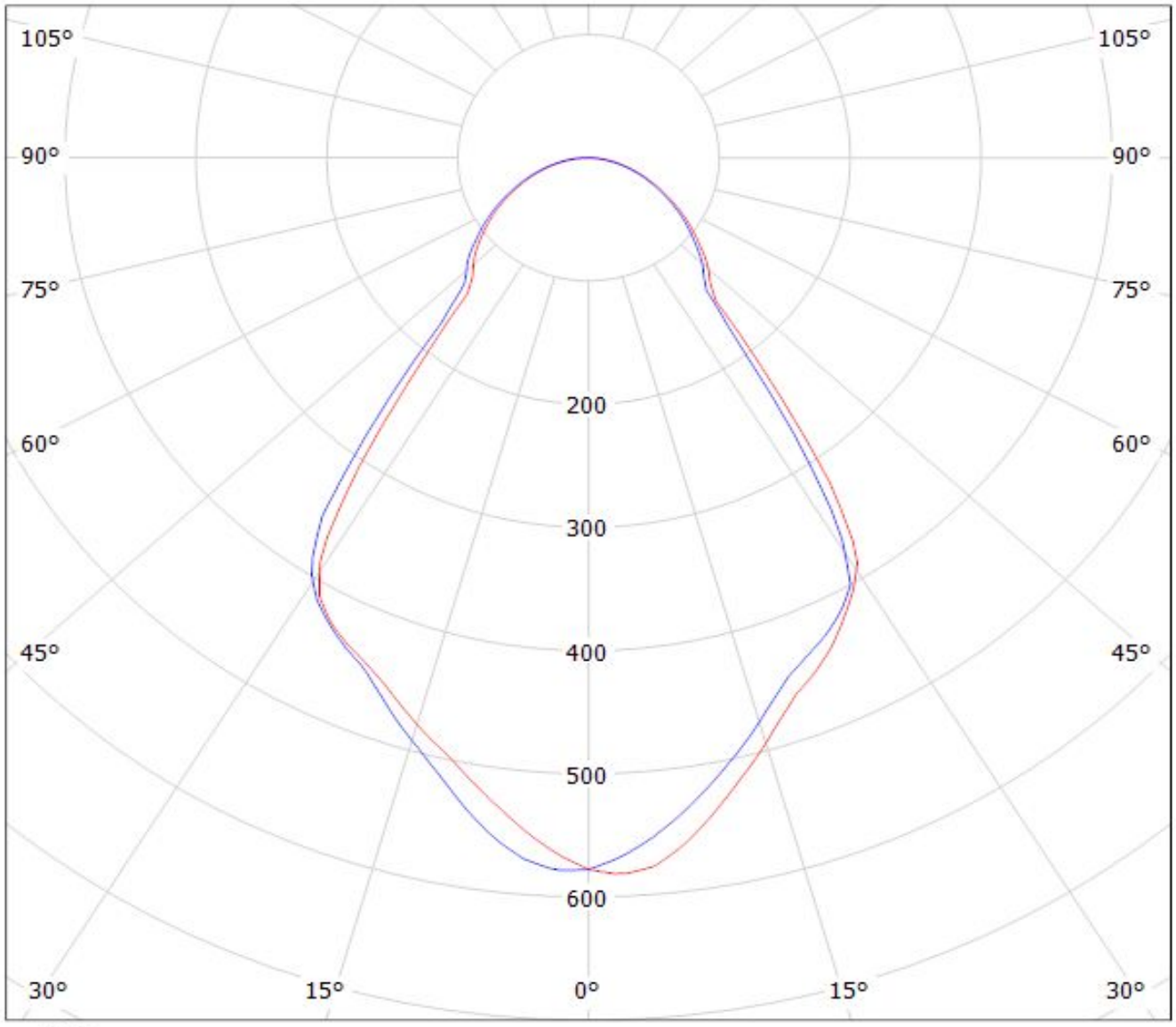
Luminaire: Ledil Oy C13253_TINA2-R-CLIP16_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy C13253_TINA2-R-CLIP16_(Luxeon_TX) Efficiency=90%
Lamps: 1 x Luxeon TX 108lm @ 250mA CCT= P=0.73 I=250mA



Luminaire: LEDiL Oy Luminaire Catalog Number C13253_TINA2-R-CLIP16_(XT-E) Eff, 86,5%
Lamps: 1 x Cree XT-E (102 lm@250mA)

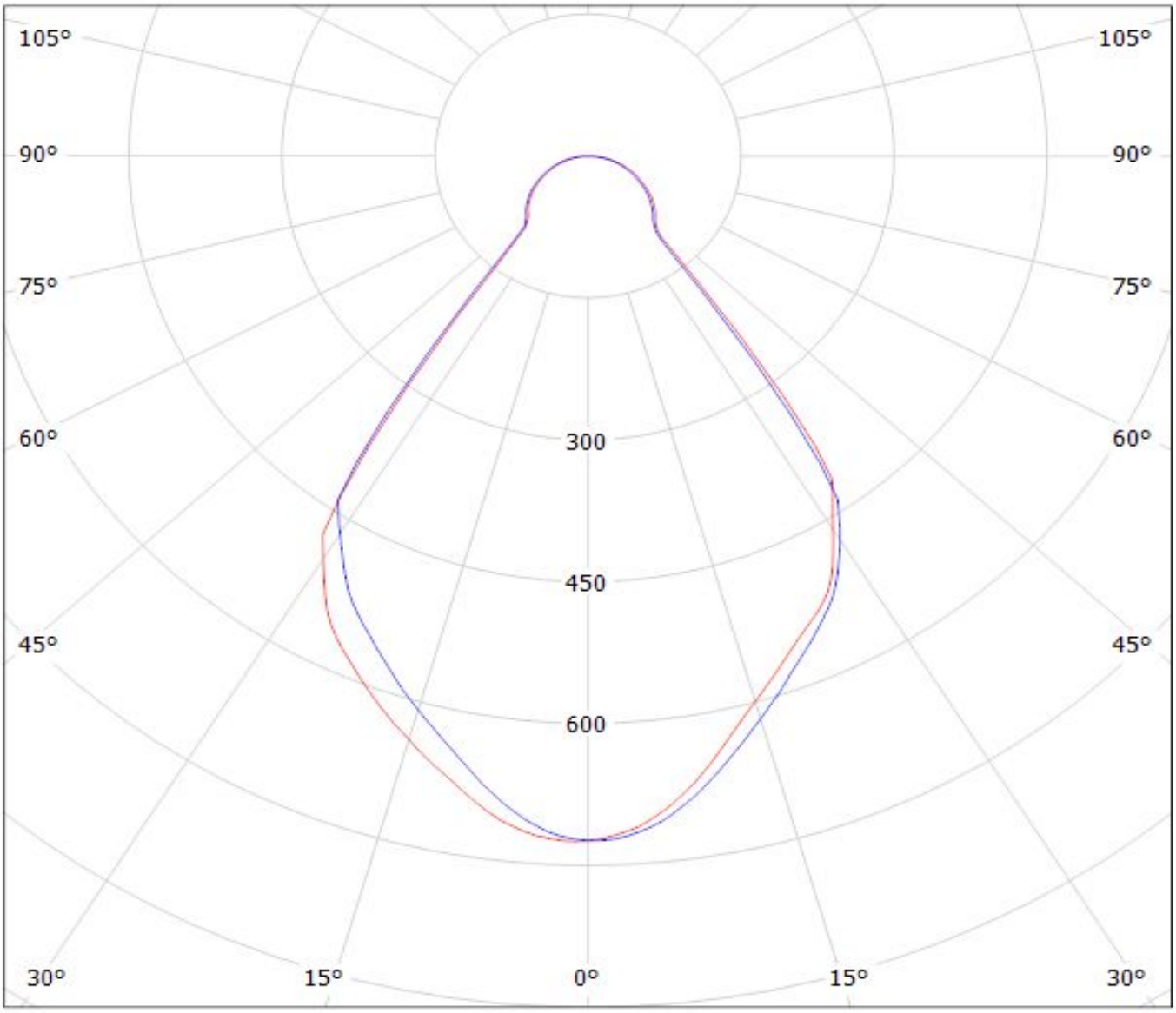


cd/klm

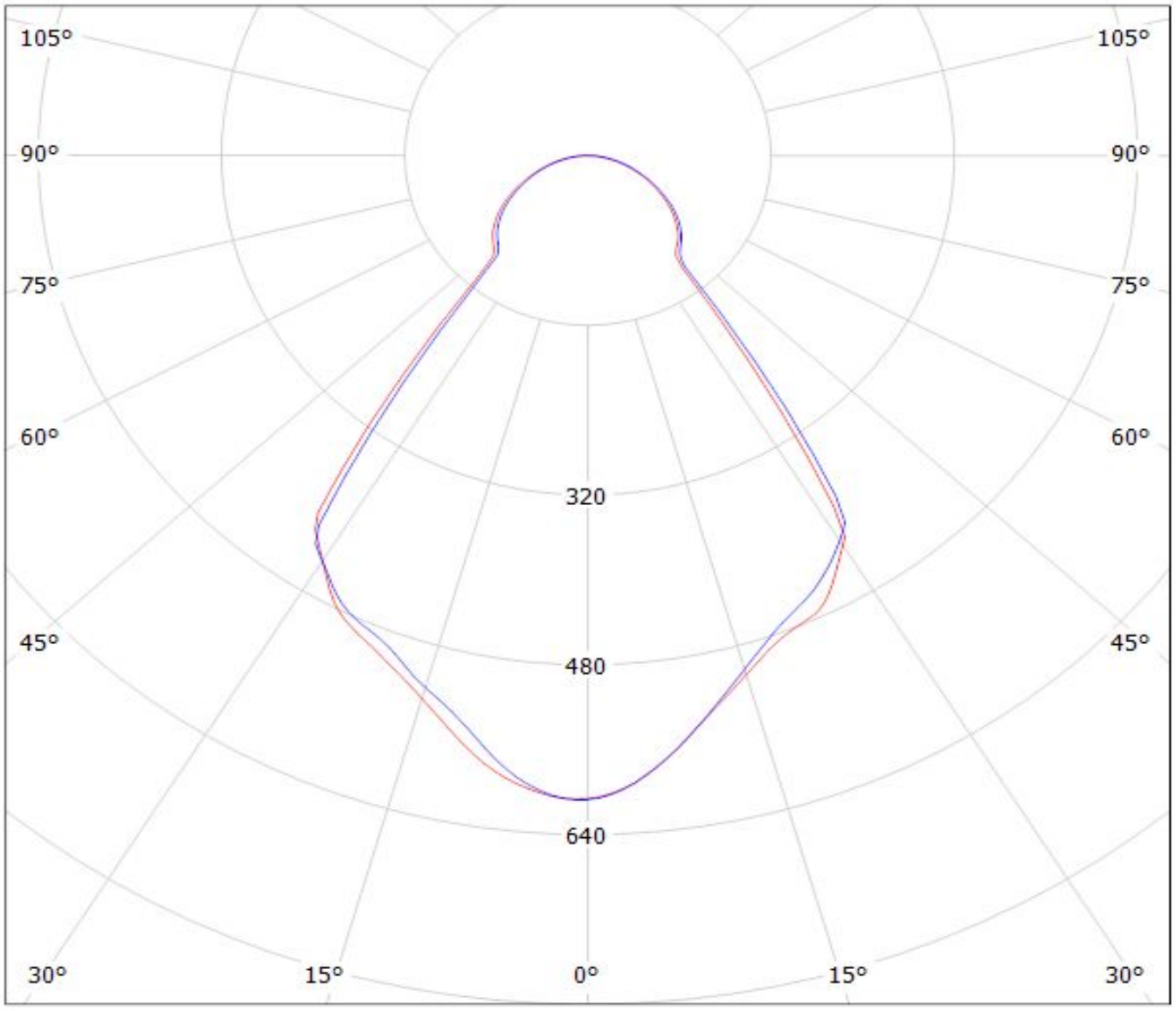
η = 87%

C0 - C180 C90 - C270

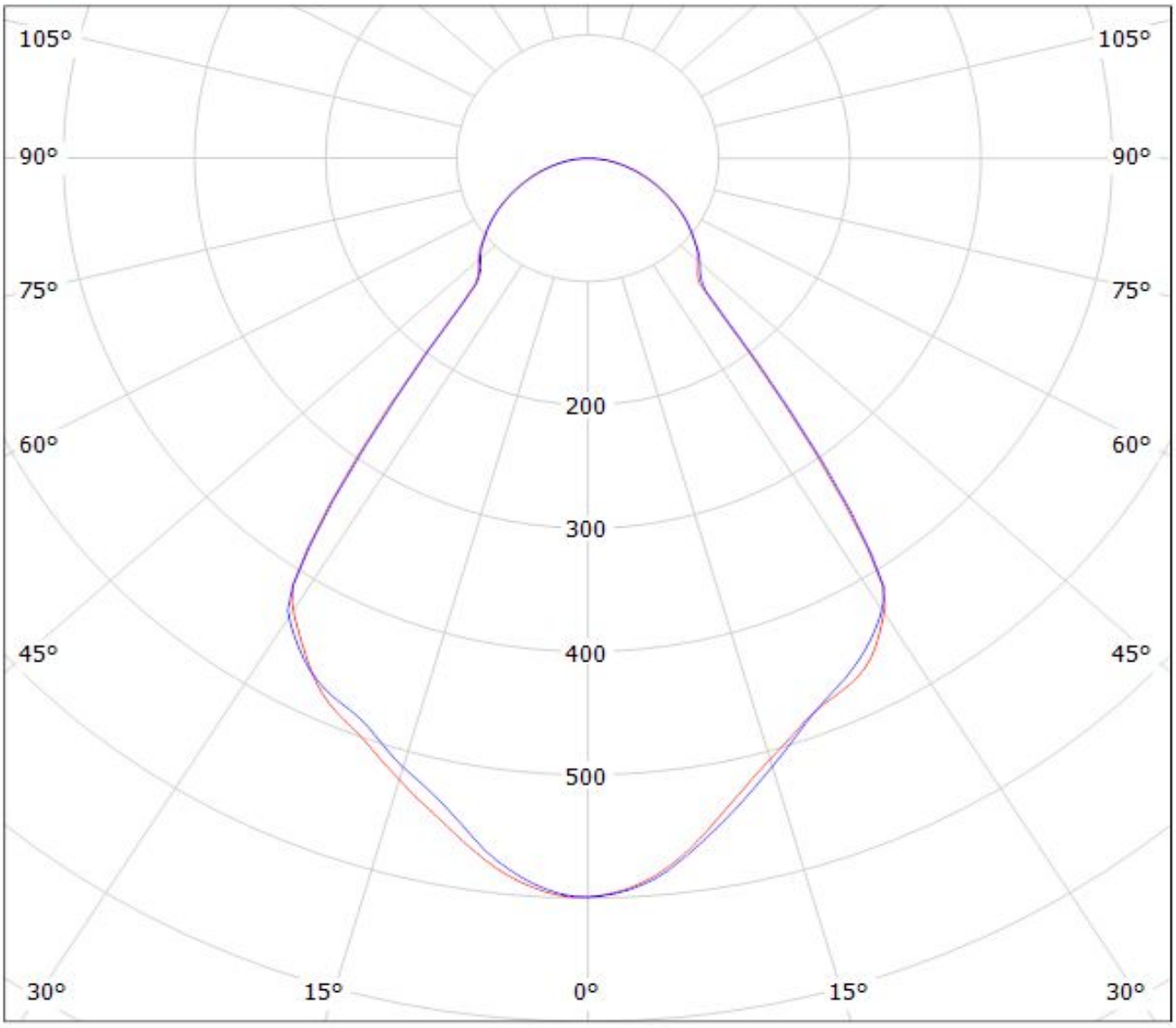
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(SSL80) Eff. 91,1%
Lamps: 1 x Osram SSL80 (81lm@250mA)



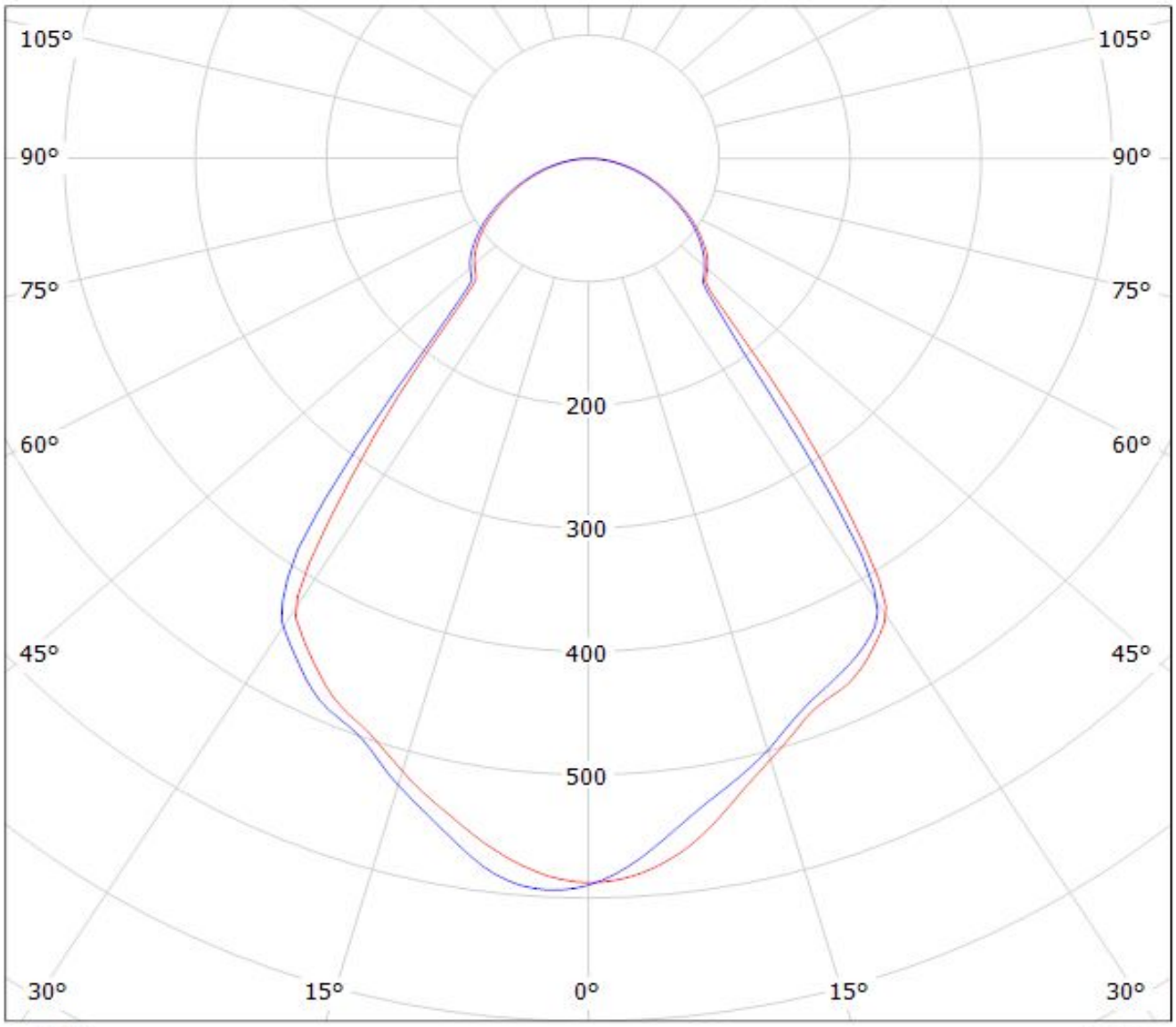
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_Rebel) Eff. 89,9%
Lamps: 1 x Luxeon Rebel (81lm@250mA)



Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NCS19) Eff. 89,7%
Lamps: 1 x Nichia NCS19 (88lm@250mA)



Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NF2x757) Eff. 91,7%
Lamps: 1 x Nichia NF2x757 (69lm@100mA)

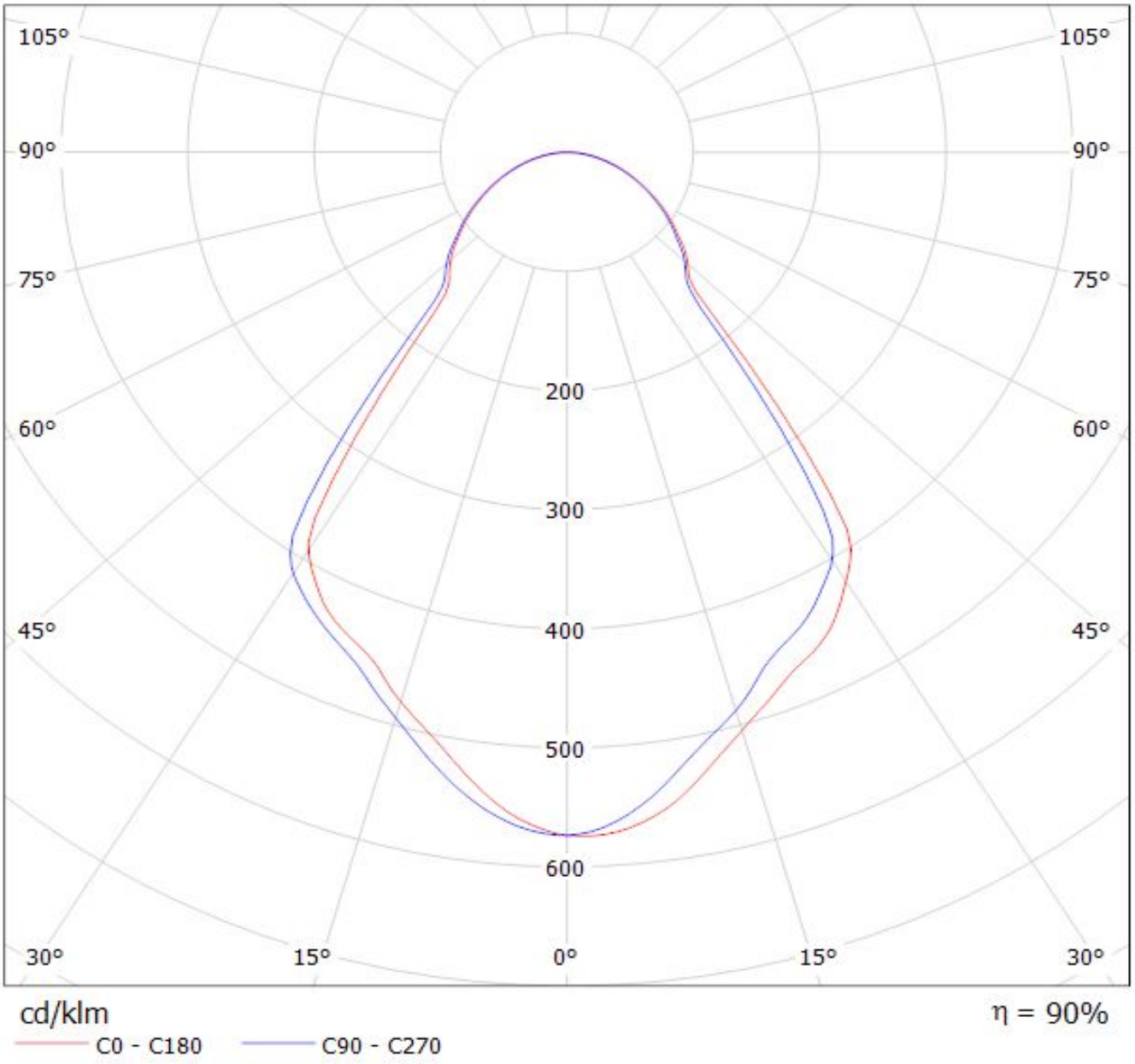


cd/klm

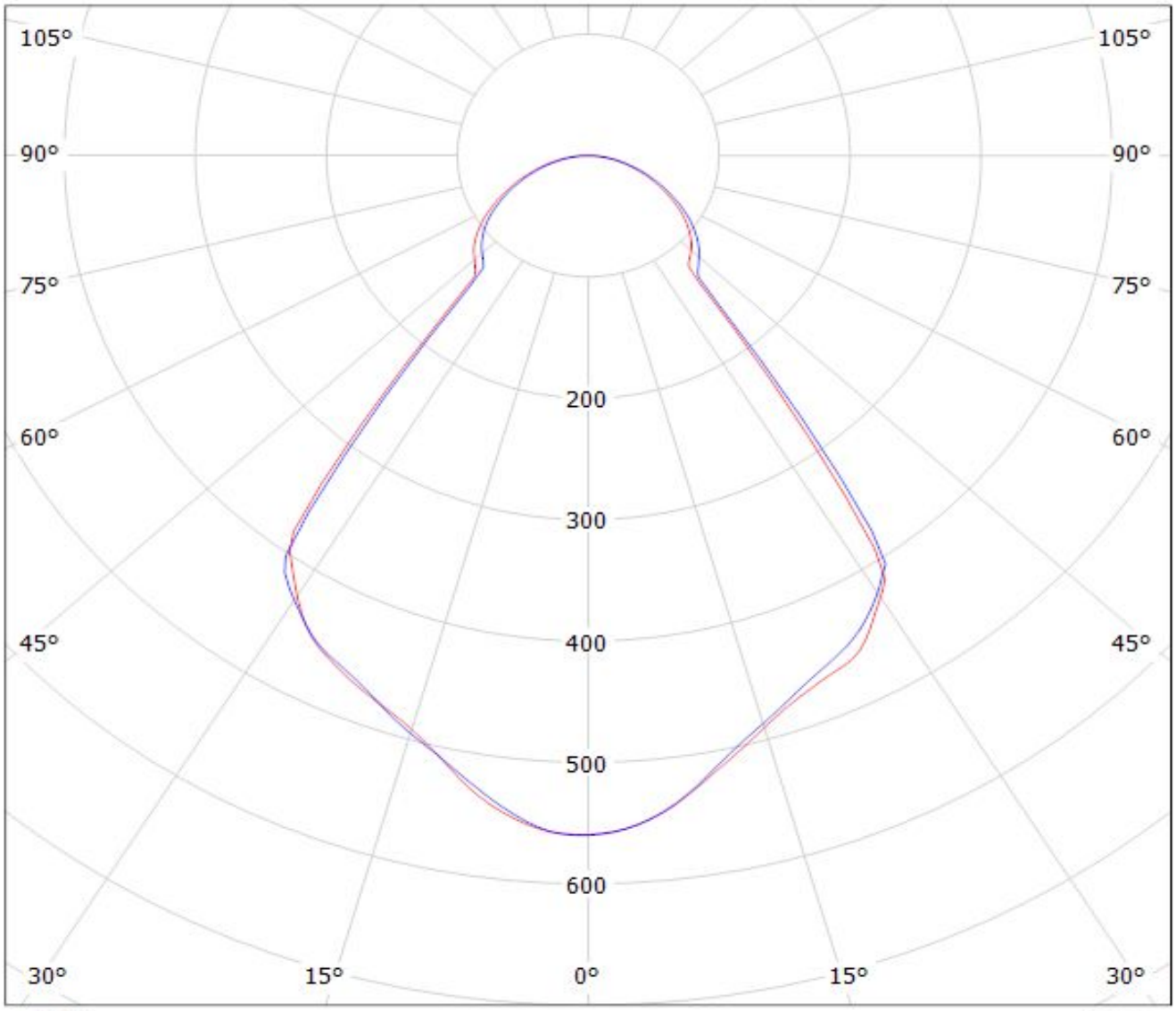
η = 92%

C0 - C180 C90 - C270

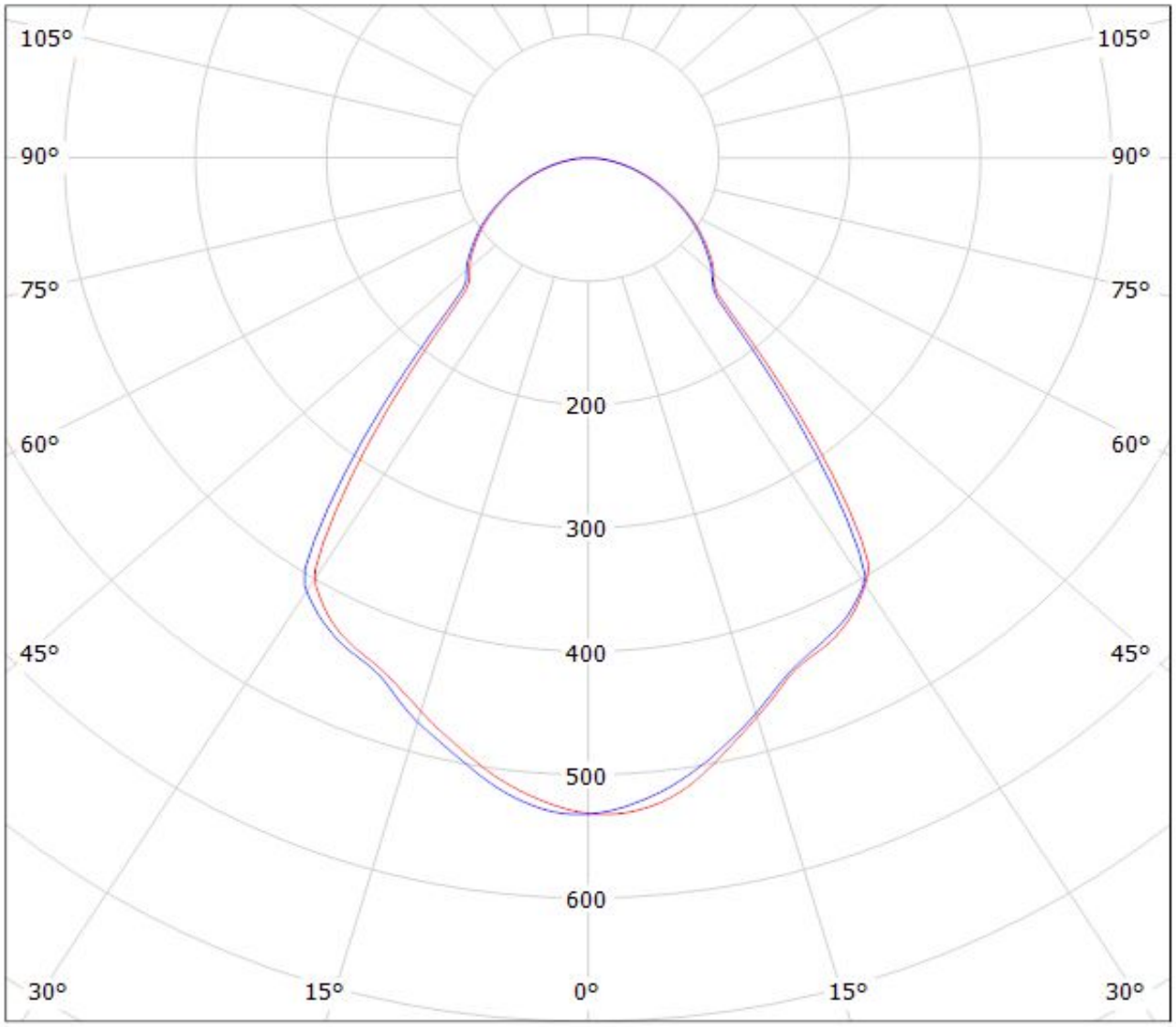
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XB-D) Eff. 89,9%
Lamps: 1 x Cree XB-D (92lm@250mA)



Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XP-E2) Eff. 90,1%
Lamps: 1 x Cree XP-E2 (93 lm@250mA)



Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NVS19B) Eff. 89,4%
Lamps: 1 x Nichia NVS19B (108lm@250mA)

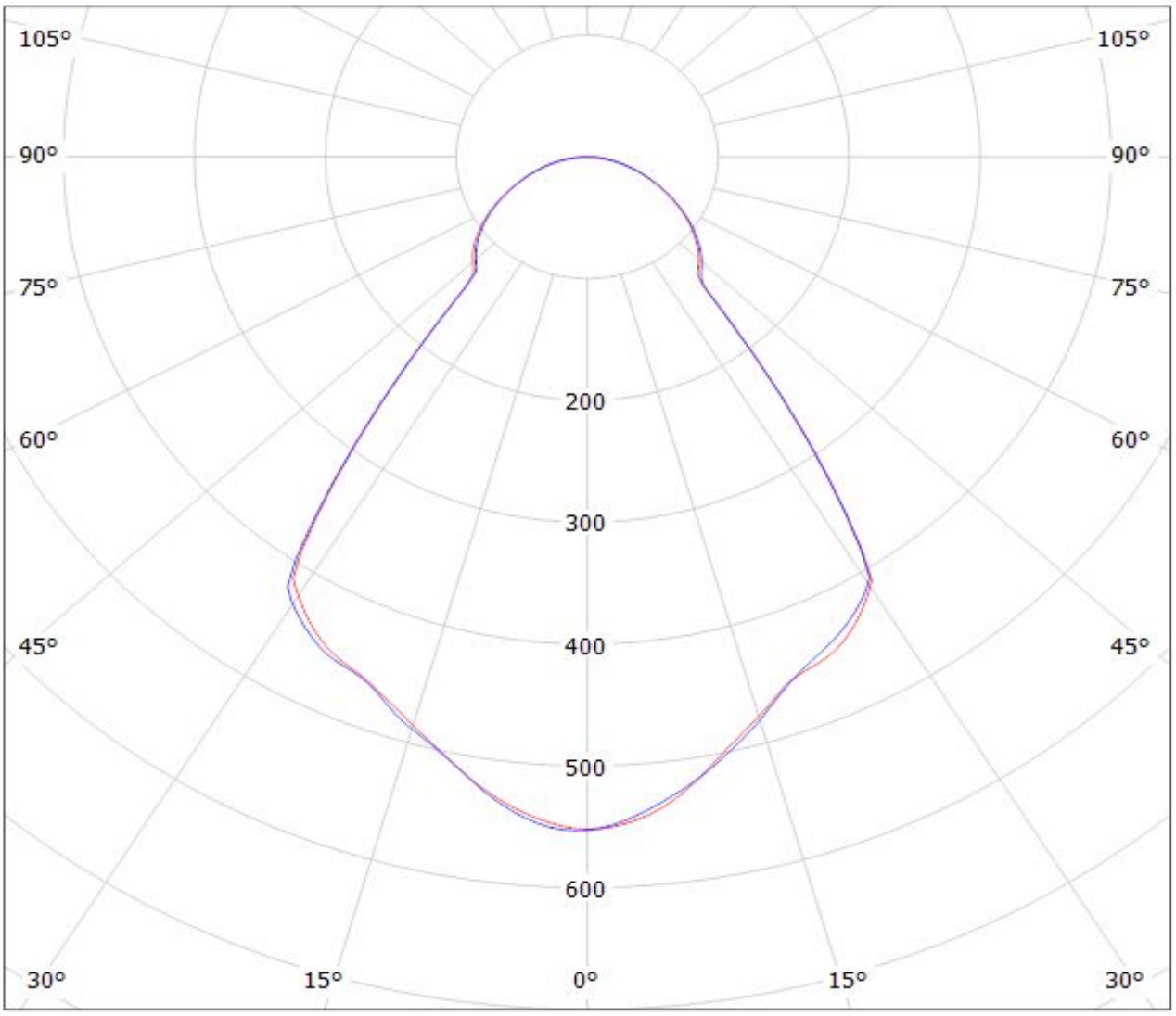


cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_Rebel-ES) Eff. 89,3%
Lamps: 1 x Luxeon Rebel-ES (89lm@250mA)

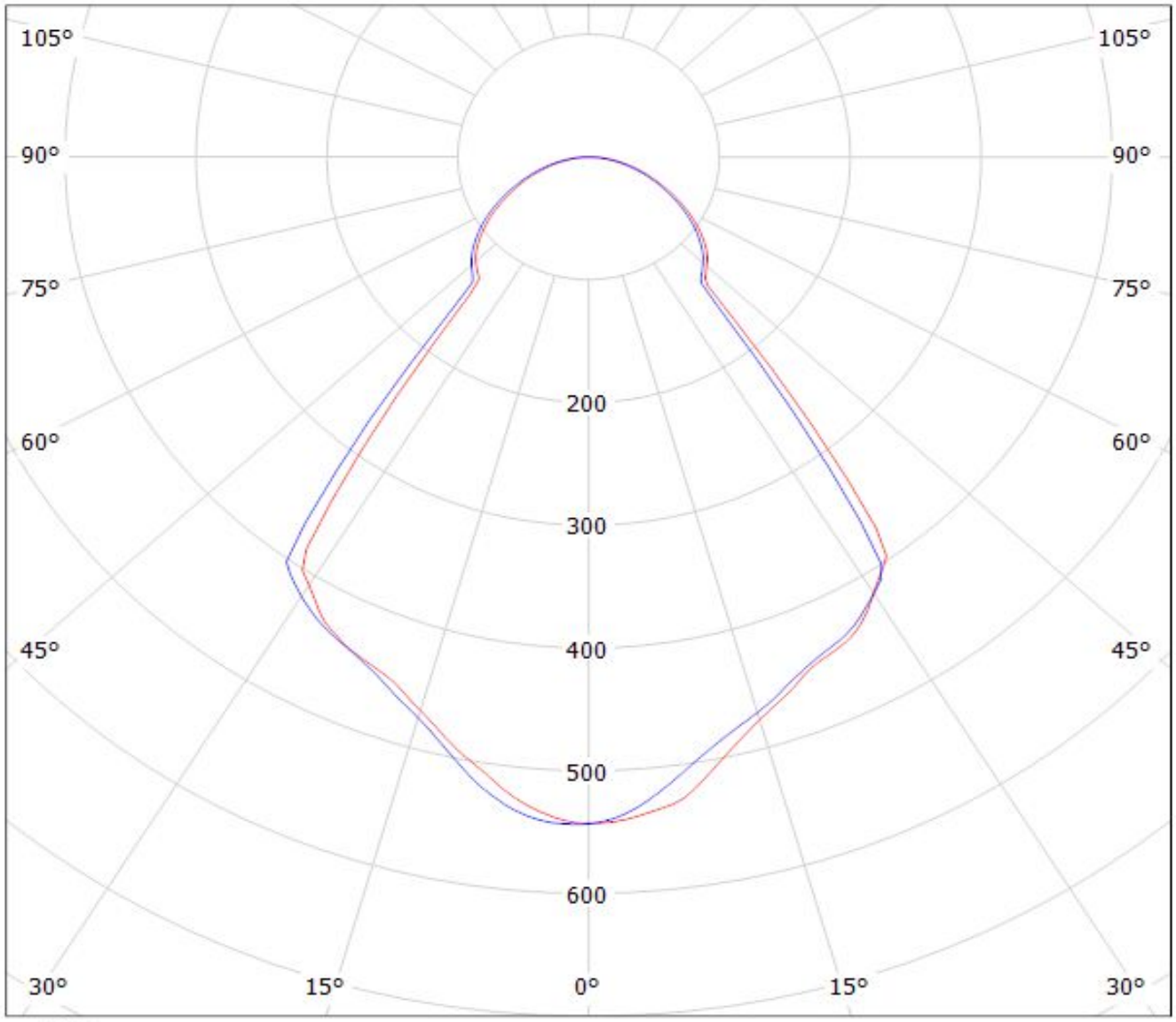


cd/klm

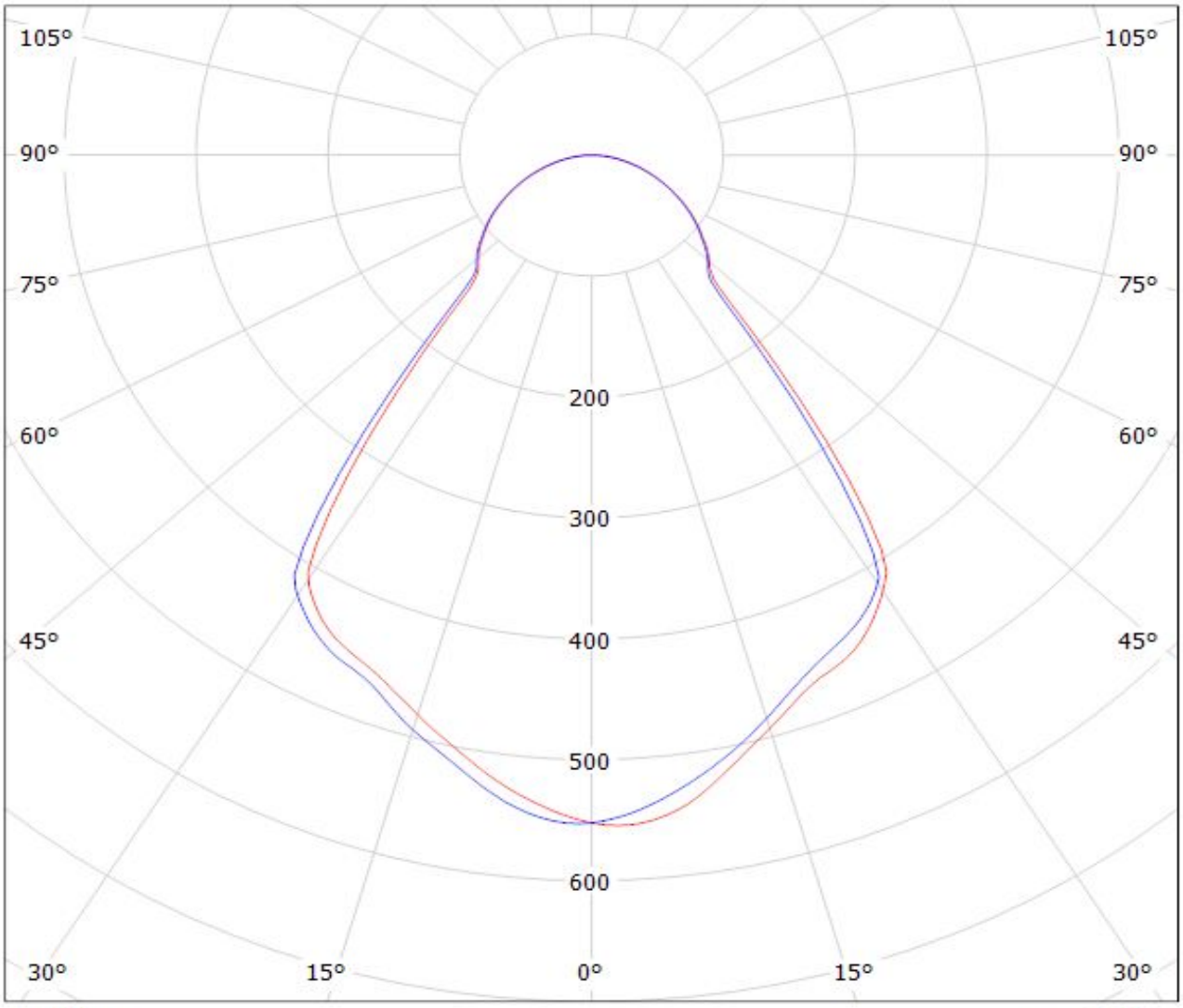
η = 89%

C0 - C180 C90 - C270

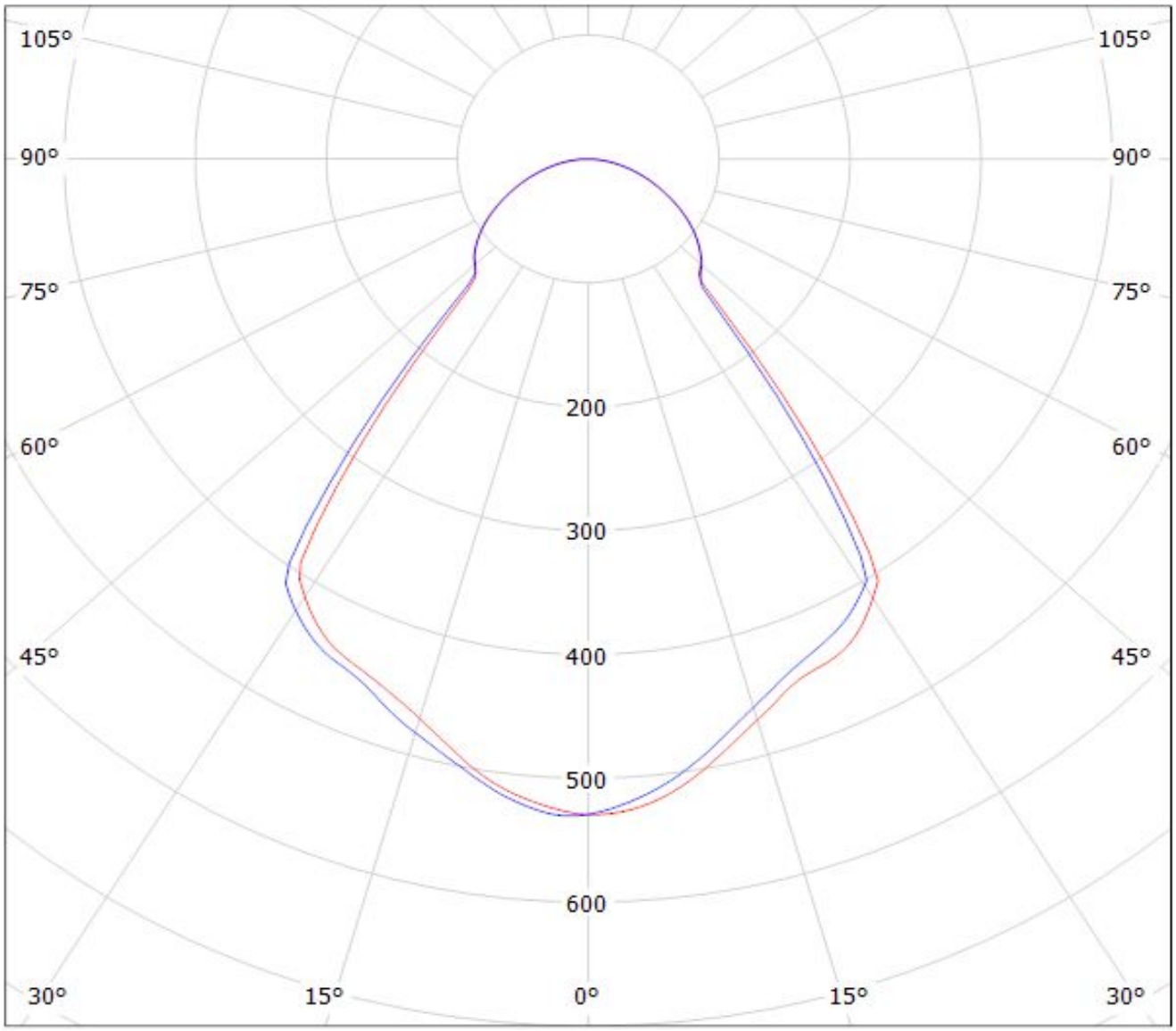
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XP-E) Eff. 89,9%
Lamps: 1 x Cree XP-E Ceramic (70lm@250mA)



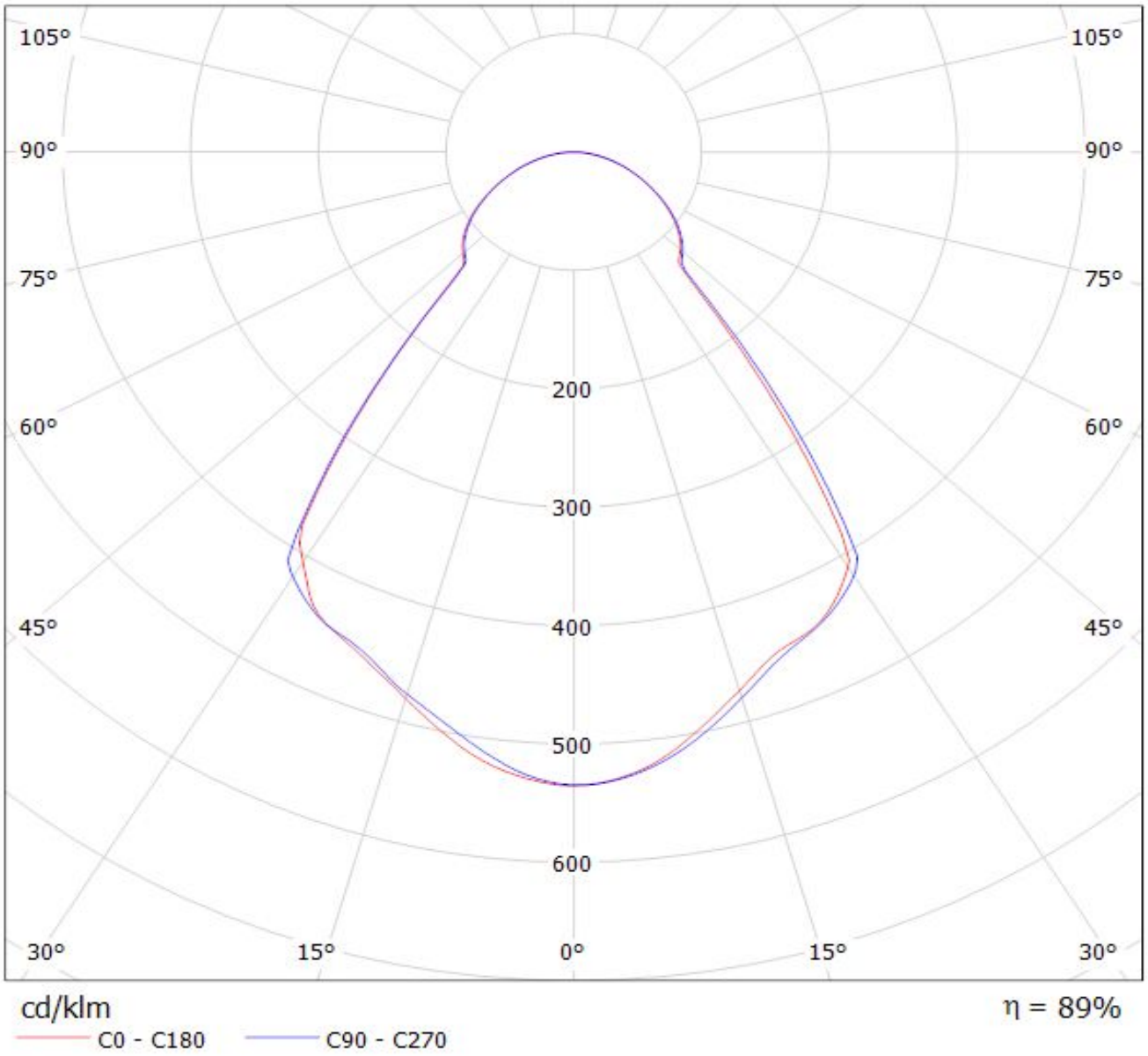
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(NVS19) Eff. 89,8%
Lamps: 1 x Nichia NVS19 (97,5lm@250mA)



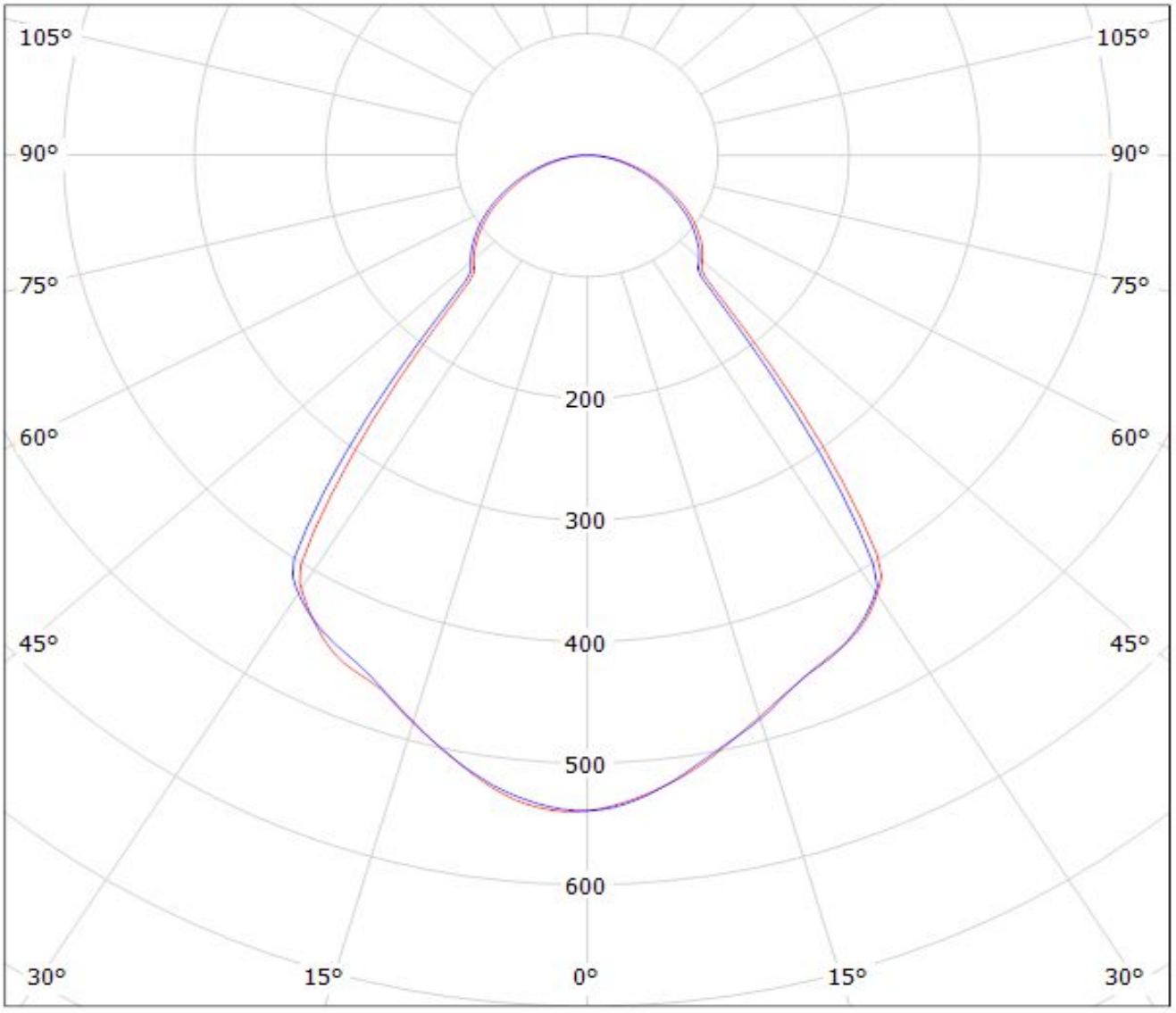
Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Cree_XP-G2) Eff. 89,1%
Lamps: 1 x Cree XP-G2 (106 lm@250mA)



Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_T) Eff. 88,8%
Lamps: 1 x Luxeon T (73 lm@250mA)



Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(Luxeon_A) Eff. 90,6%
Lamps: 1 x Luxeon A (66lm@250mA)

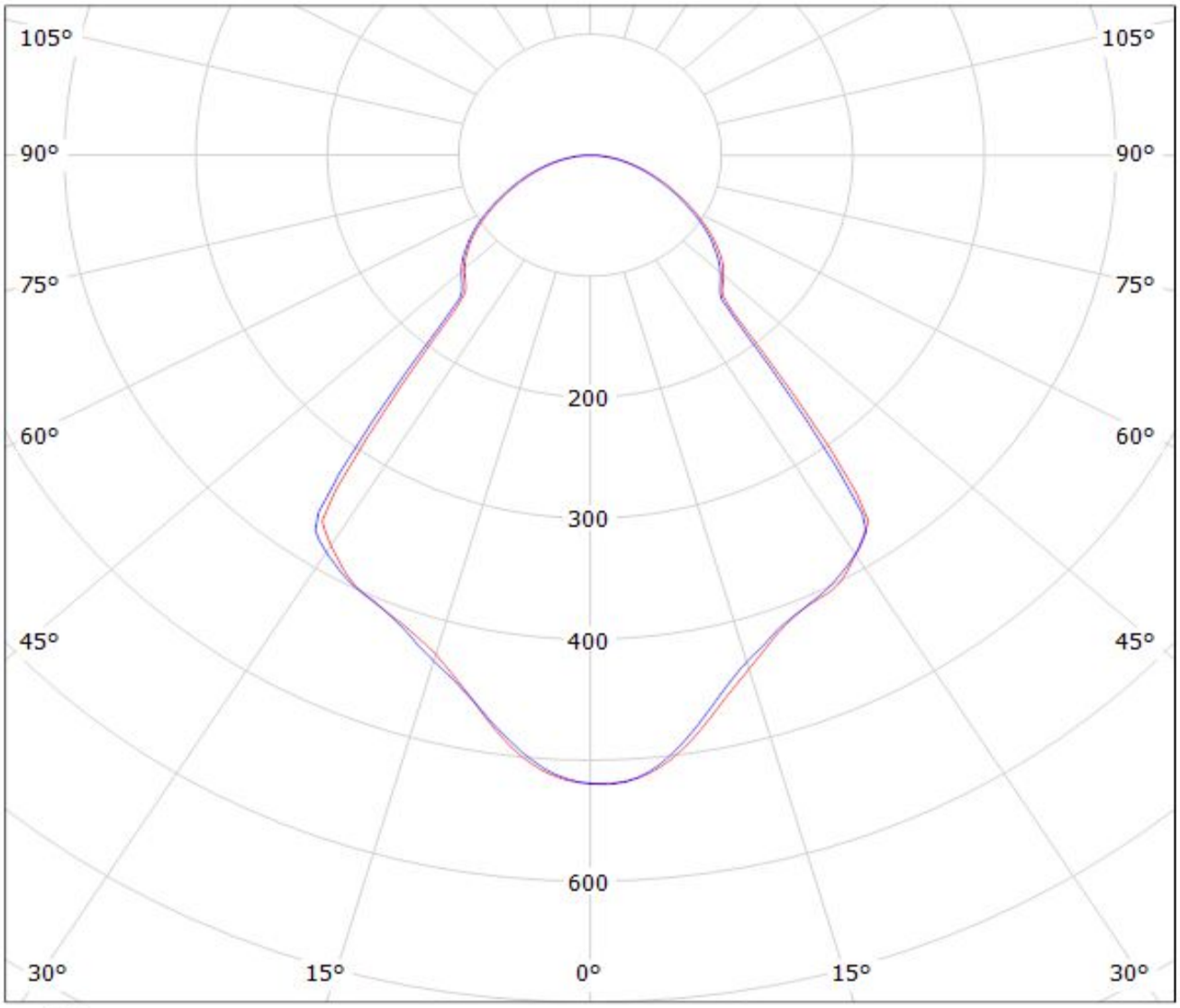


cd/klm

η = 91%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(SSL150) Eff. 87,6%
Lamps: 1 x Osram SSL150 (87lm@250mA)

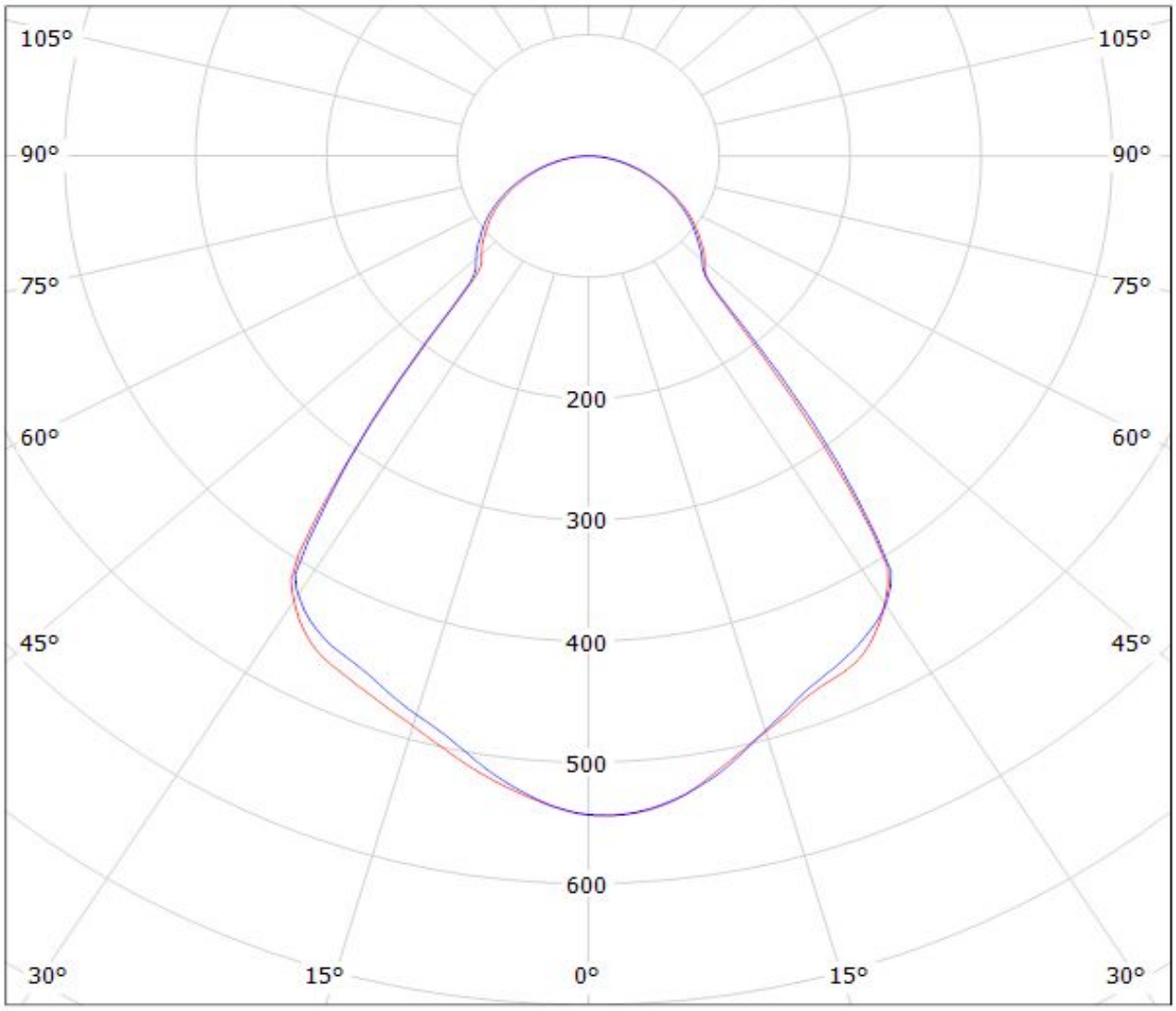


cd/klm

η = 88%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(SQ_EC) Eff. 90,7%
Lamps: 1 x Osram Square (63,4lm@250mA)

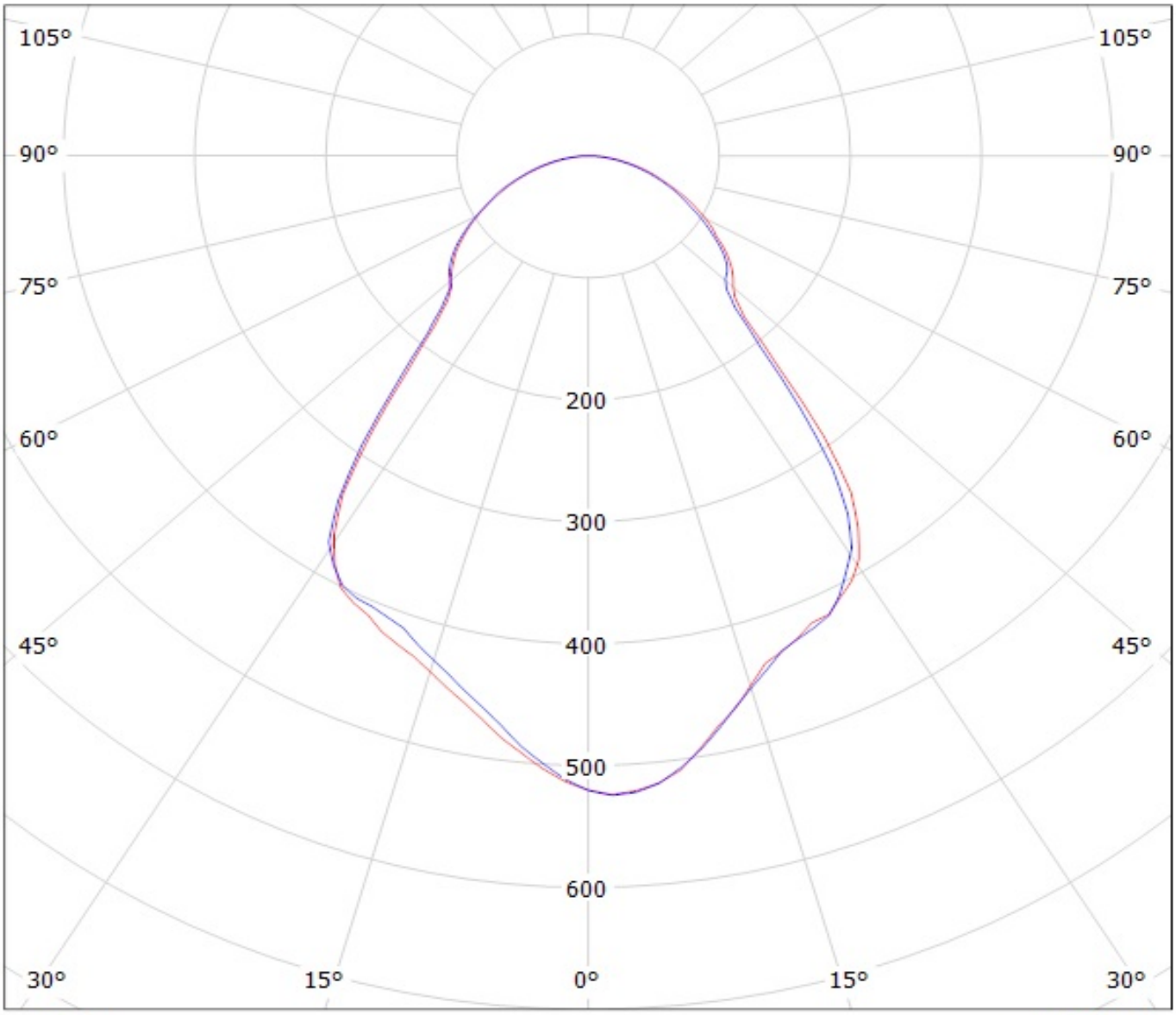


cd/klm

η = 91%

C0 - C180 C90 - C270

Luminaire: LEDil Oy C13253_TINA2-R-CLIP16_(DURIS_S5) Efficiency=91%
Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA

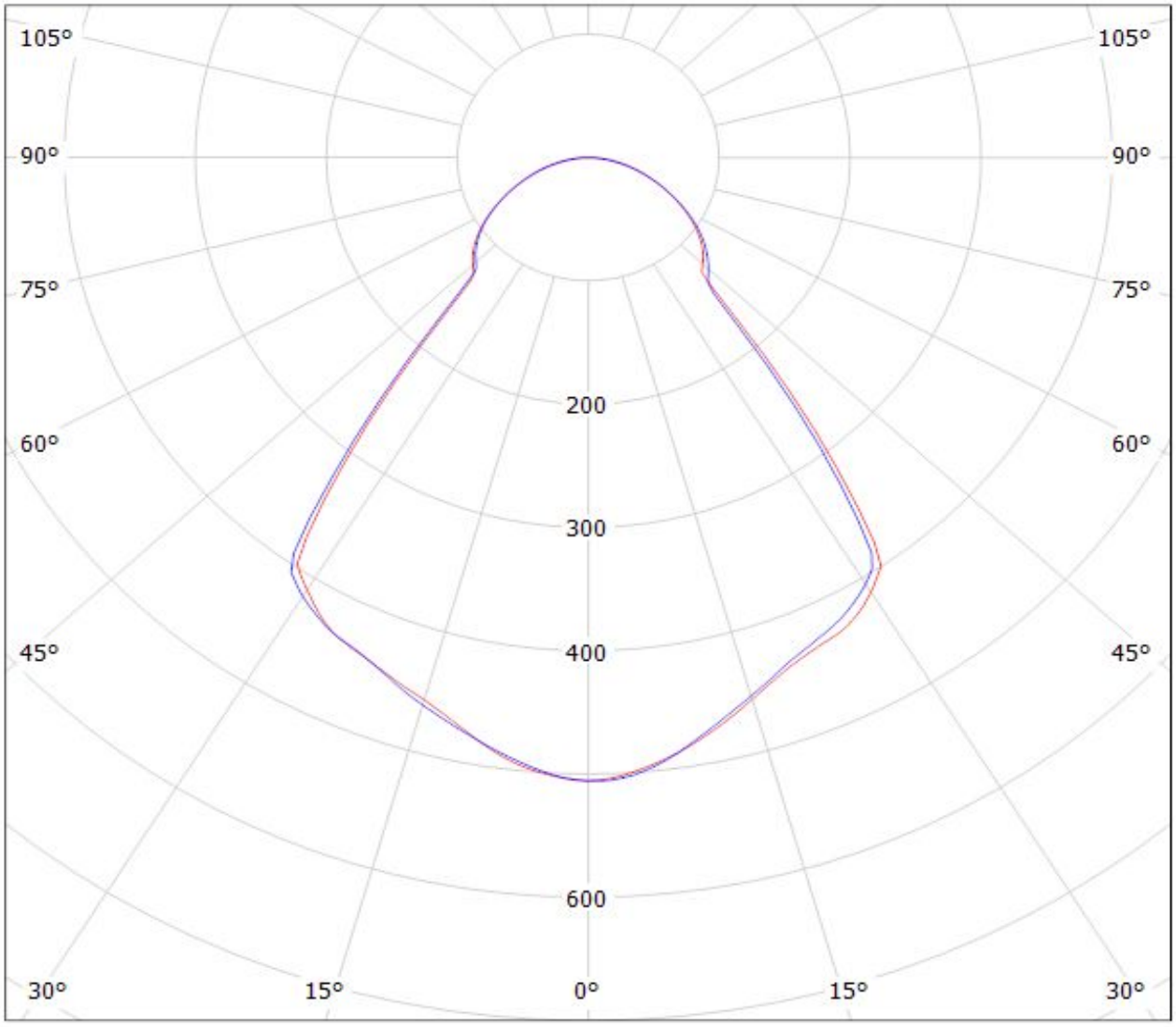


cd/klm

η = 92%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XP-G) Eff. 90,1%
Lamps: 1 x Cree XP-G (66lm@250mA)

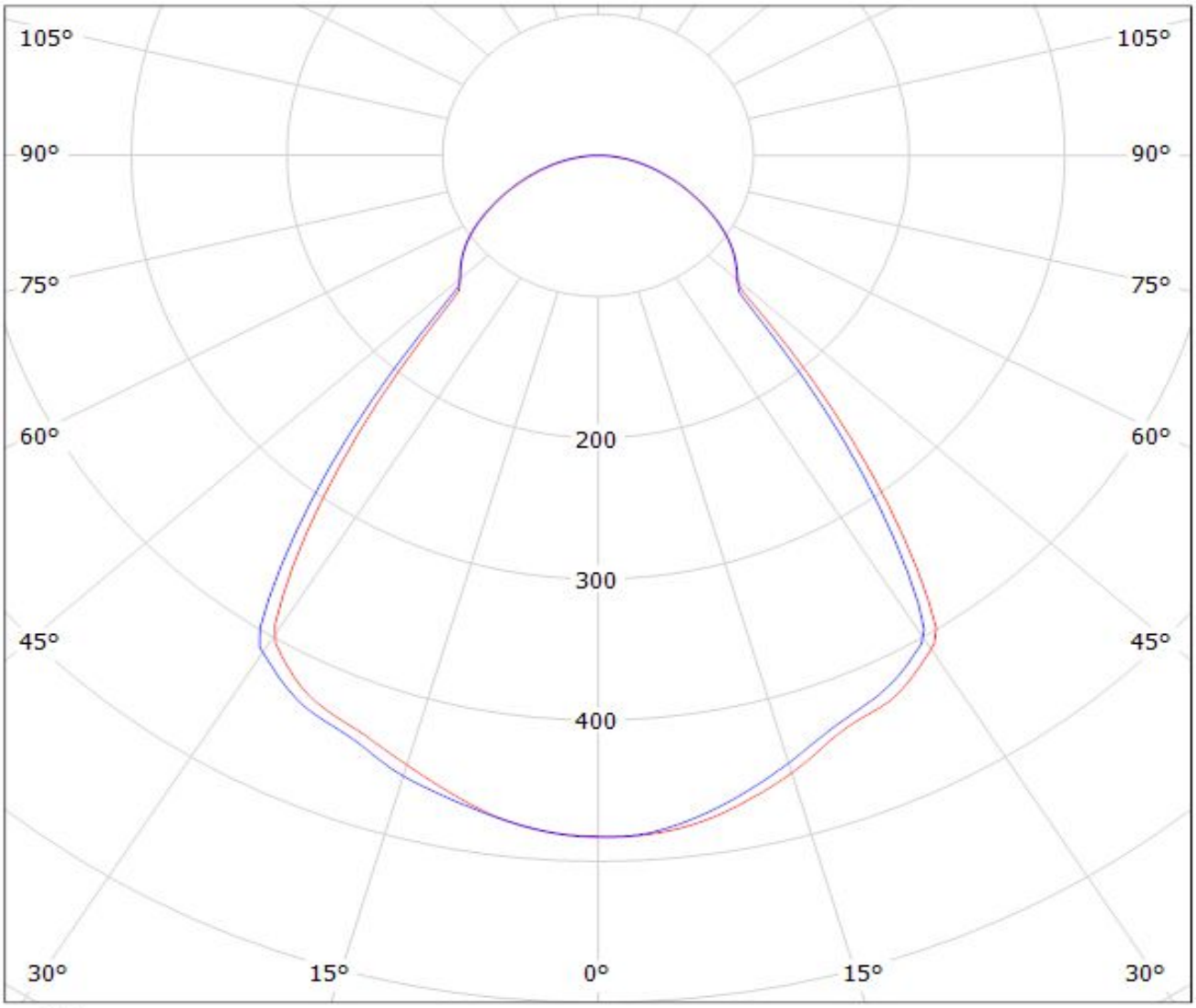


cd/klm

η = 90%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XM-L2) Eff.89,6%
Lamps: 1 x Cree XM-L2 (99lm@250mA)

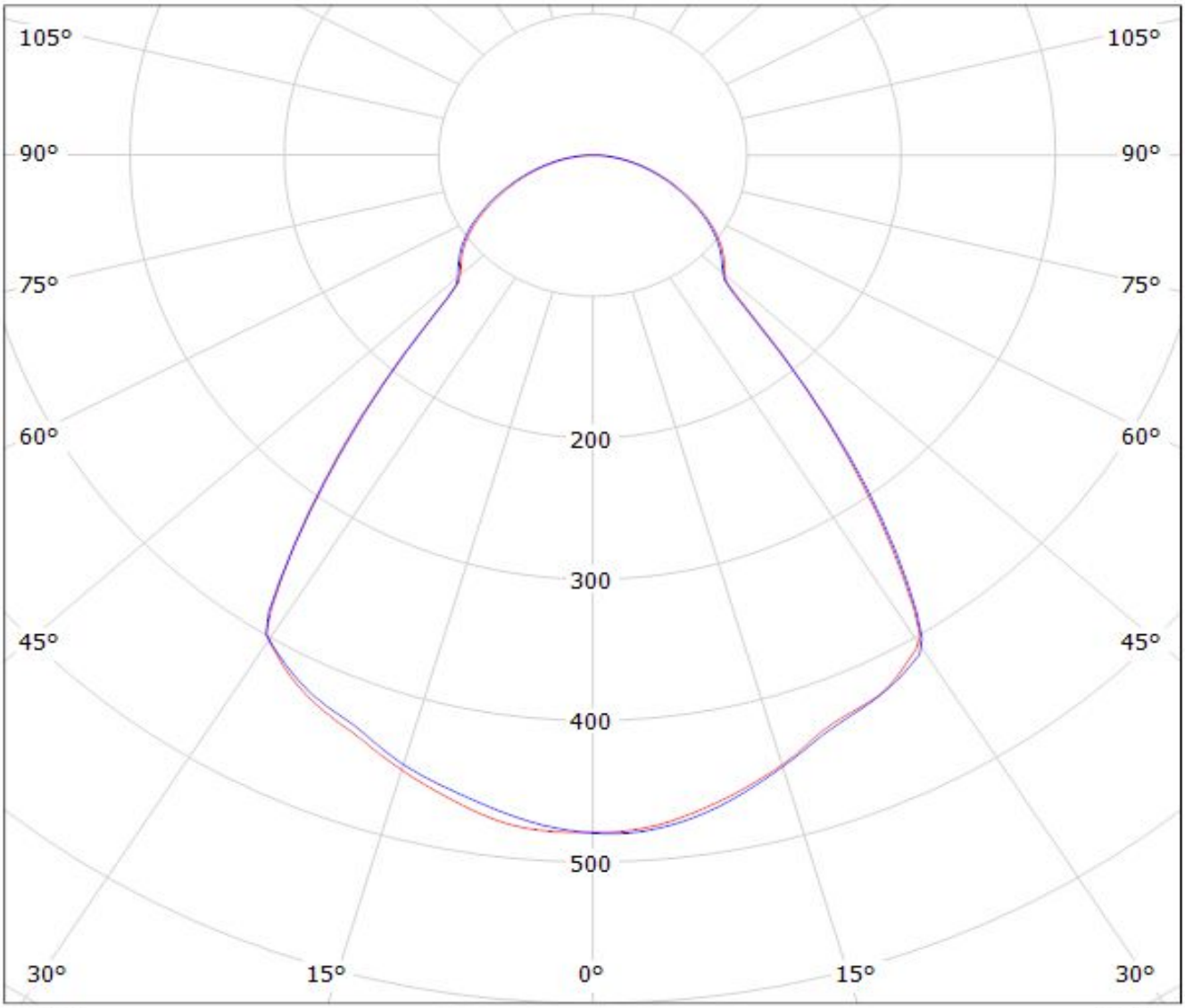


cd/klm

η = 90%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13253_TINA2-R-CLIP16_(XM-L) Eff. 88,3%
Lamps: 1 x Cree XM-L (91lm@250mA)

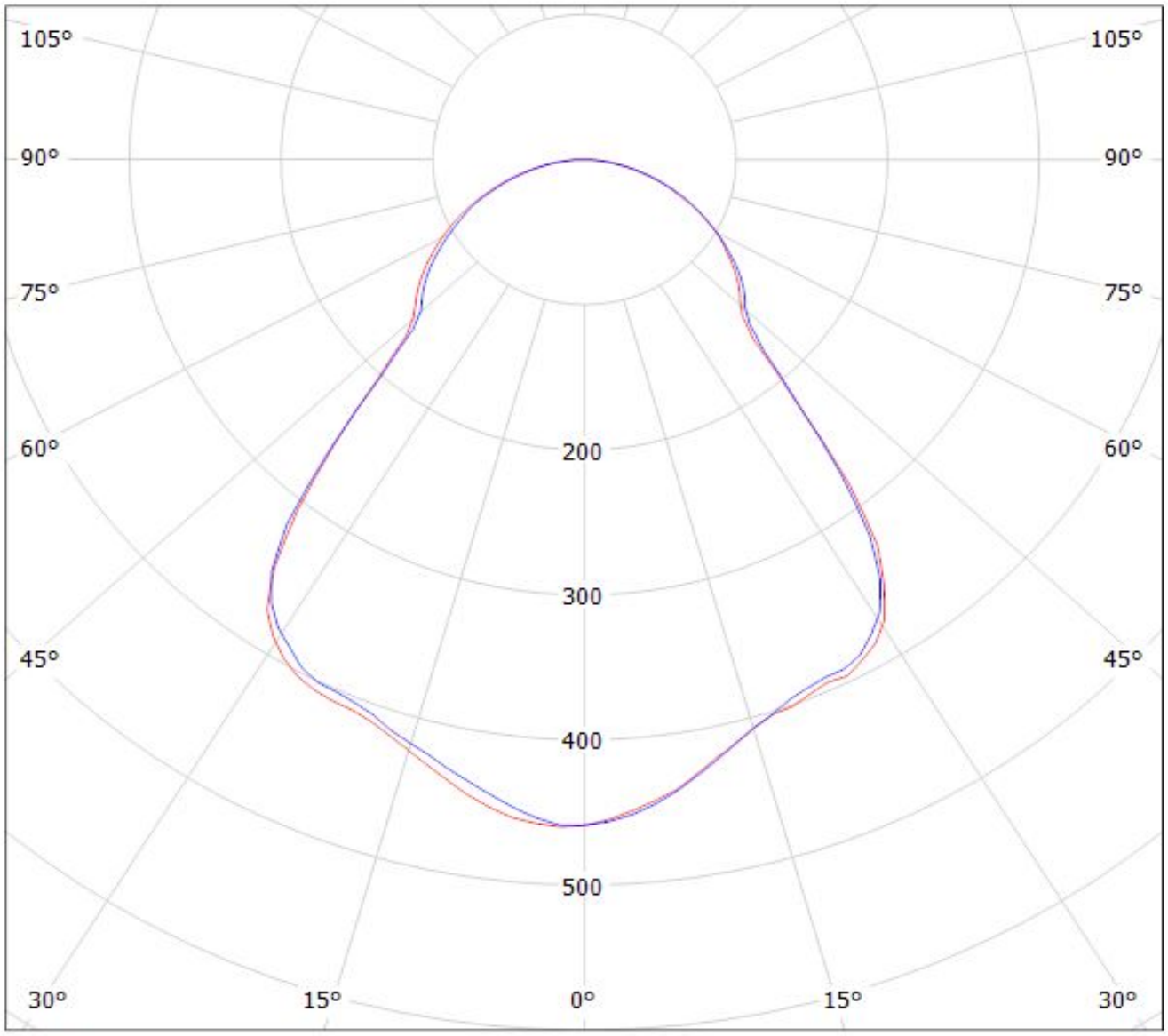


cd/klm

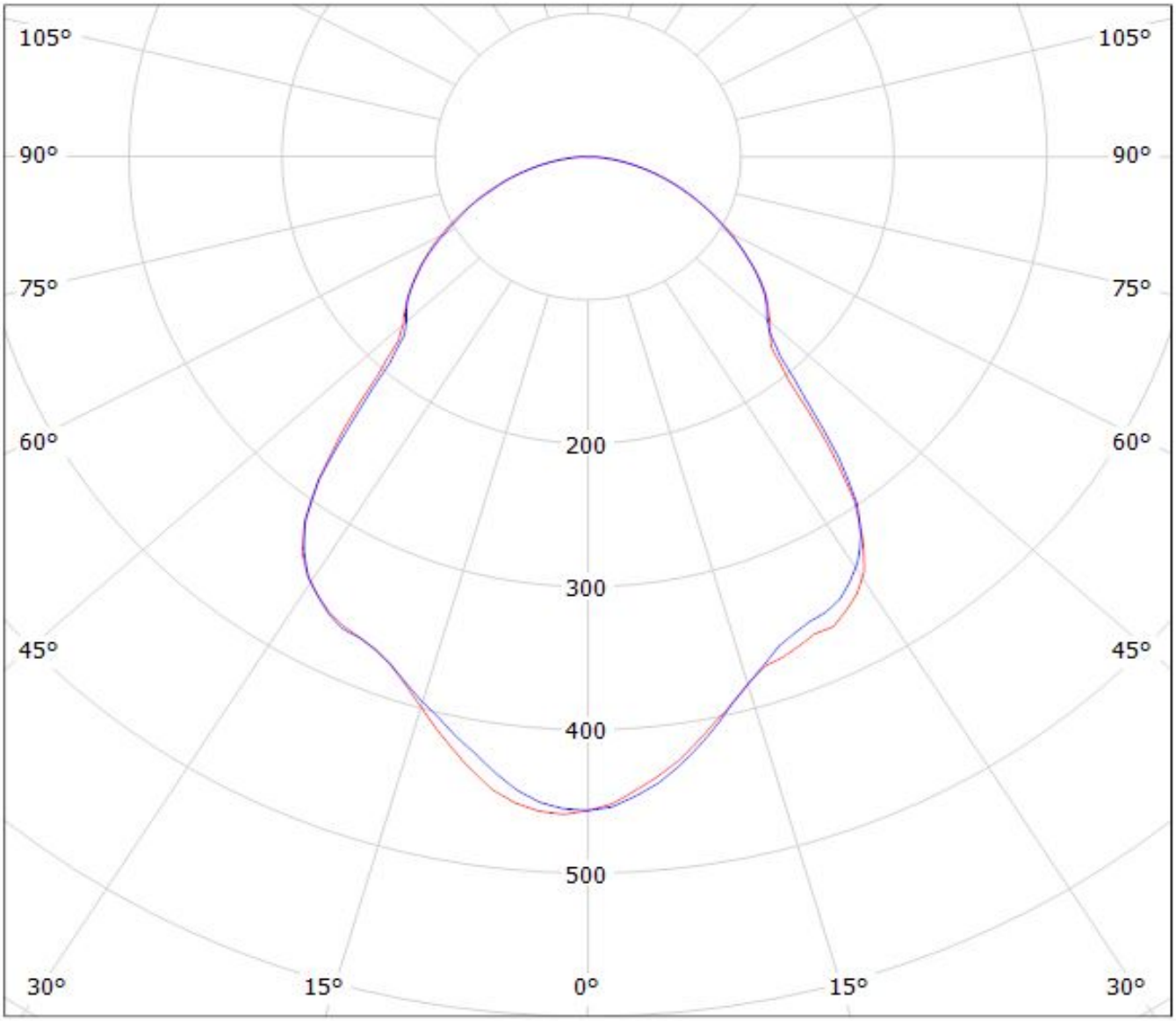
η = 88%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C13253_TINA2-R-CLIP16_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy C13253_TINA2-R-CLIP16_(Luxeon_TX) Efficiency=90%
Lamps: 1 x Luxeon TX 108lm @ 250mA CCT= P=0.73 I=250mA



cd/klm

η = 91%

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.

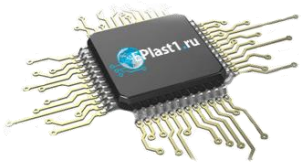
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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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