PRODUCT DATASHEET
Flare series
last update 25/9/2015

DETAILS

Product Number	CA14366_FLARE-MAXI-TAPE
Family	Flare
Type	Assembly
Color	clear
Diameter	33,9 + 33,3 mm
Height	16,9 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	25/09/2015

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-G	105+11 deg	REC-class	94 %	2.500	-
XP-G2	96+10 deg	REC-class	94 %	3.100	-
XM-L	96+15 deg	REC-class	94 %	2.100	-
XT-E	96+10 deg	REC-class	94 %	2.500	-
XM-L2	105+13 deg	REC-class	96 %	-	-
XP-L	115+13 deg	REC-class	94 %	2.100	-
XHP35 HD	sim: 89+14	REC-class	sim: 91 %	sim: 2.200	-
XHP35 HI	sim: 82+10	REC-class	sim: 93 %	sim: 3.200	-
XP-L2	99+13 deg	REC-class	94 %	2.000	-
H35C1 (LEMWA33)	99+10 deg	REC-class	94 %	3.000	-
LUXEON H50-2	sim: 9.5+64	REC-class	sim: 92 %	sim: 3.600	-
LUXEON T	96+10 deg	REC-class	92 %	2.900	-
LUXEON Rebel ES	91+10 deg	REC-class	94 %	2.800	-
LUXEON TX	96+9 deg	REC-class	94 %	3.180	-
NCSxx19B	98+9 deg	REC-class	94 %	3.500	-
NVSxx19B/NVSxx19C	98+11 deg	REC-class	94 %	2.400	-
Oslon Square PC	98+13 deg	REC-class	94 %	2.500	-
LH351Z	94+8.8 deg	REC-class	94 %	3.600	-

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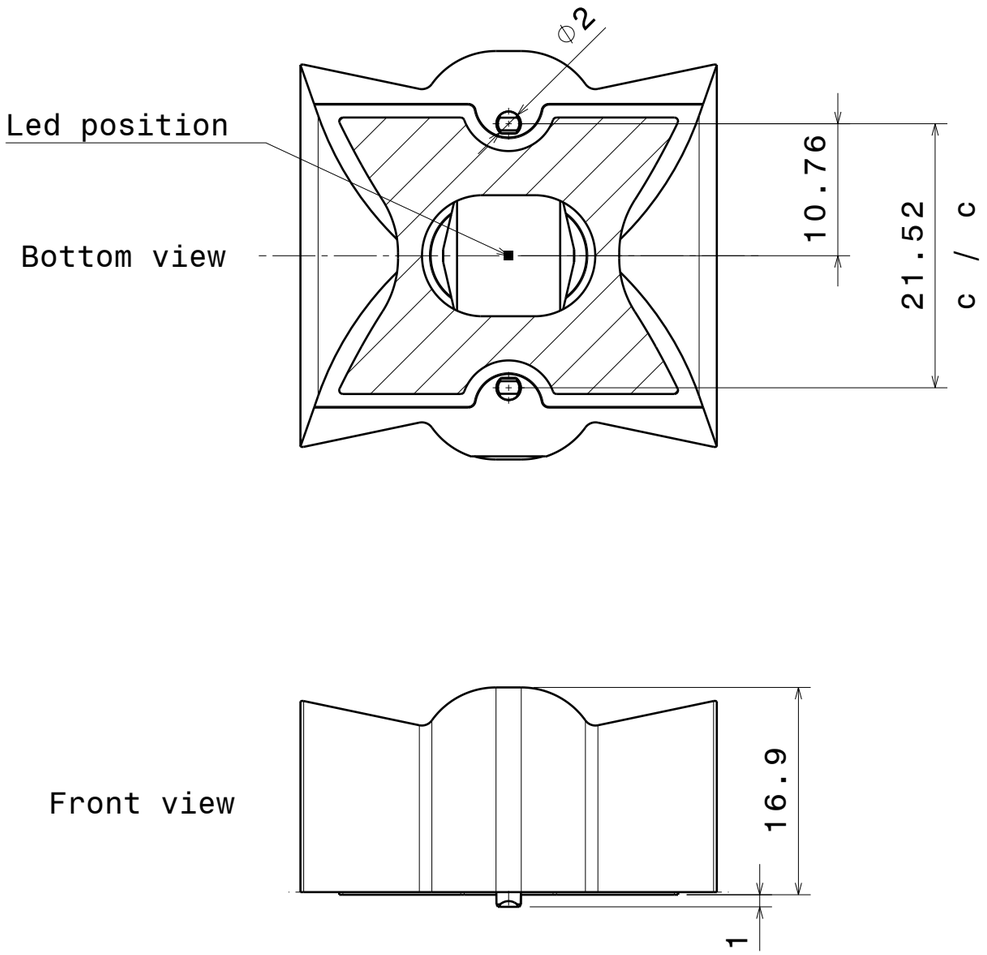
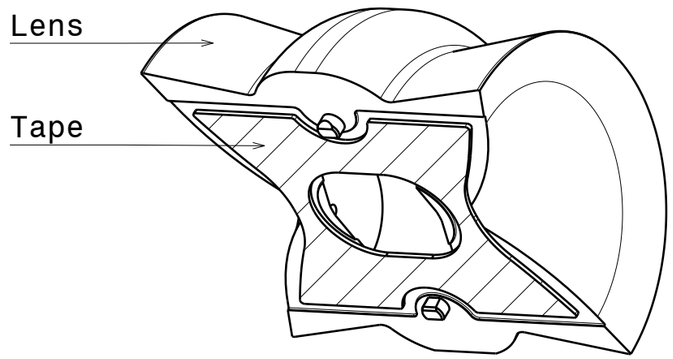
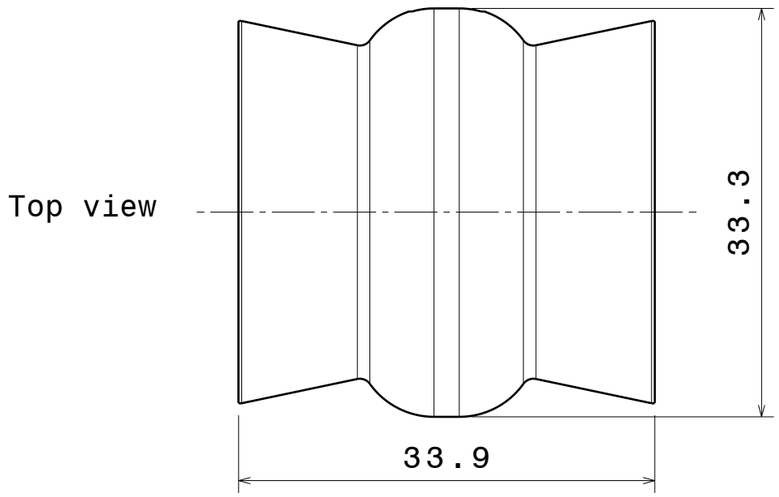




Isometric view



Material: PMMA 8N / PU 2-SIDED ADHESIVE FOAM TAPE

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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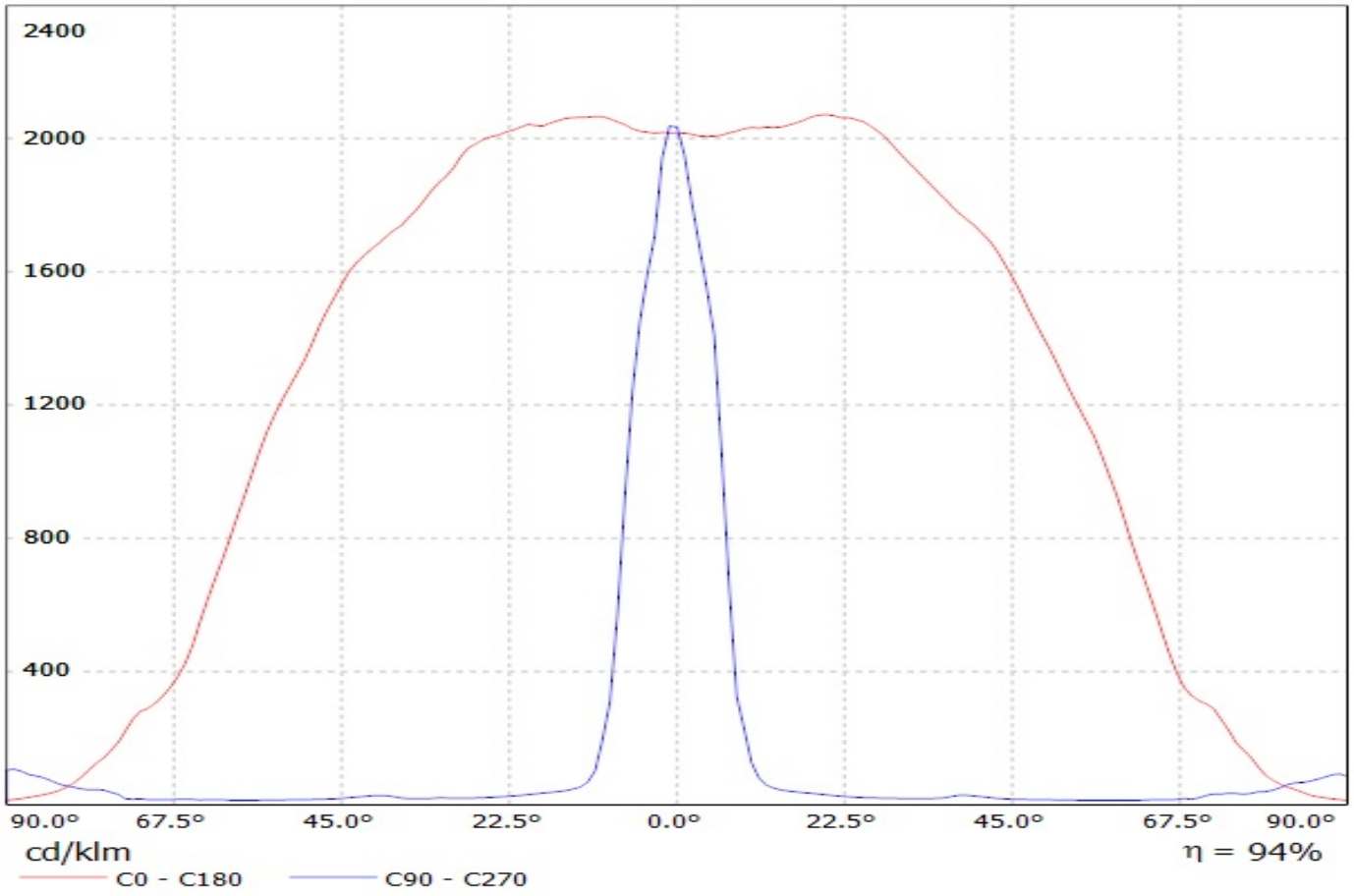
Finland

DRAWING TITLE
FLARE-MAXI (WITH TAPE)

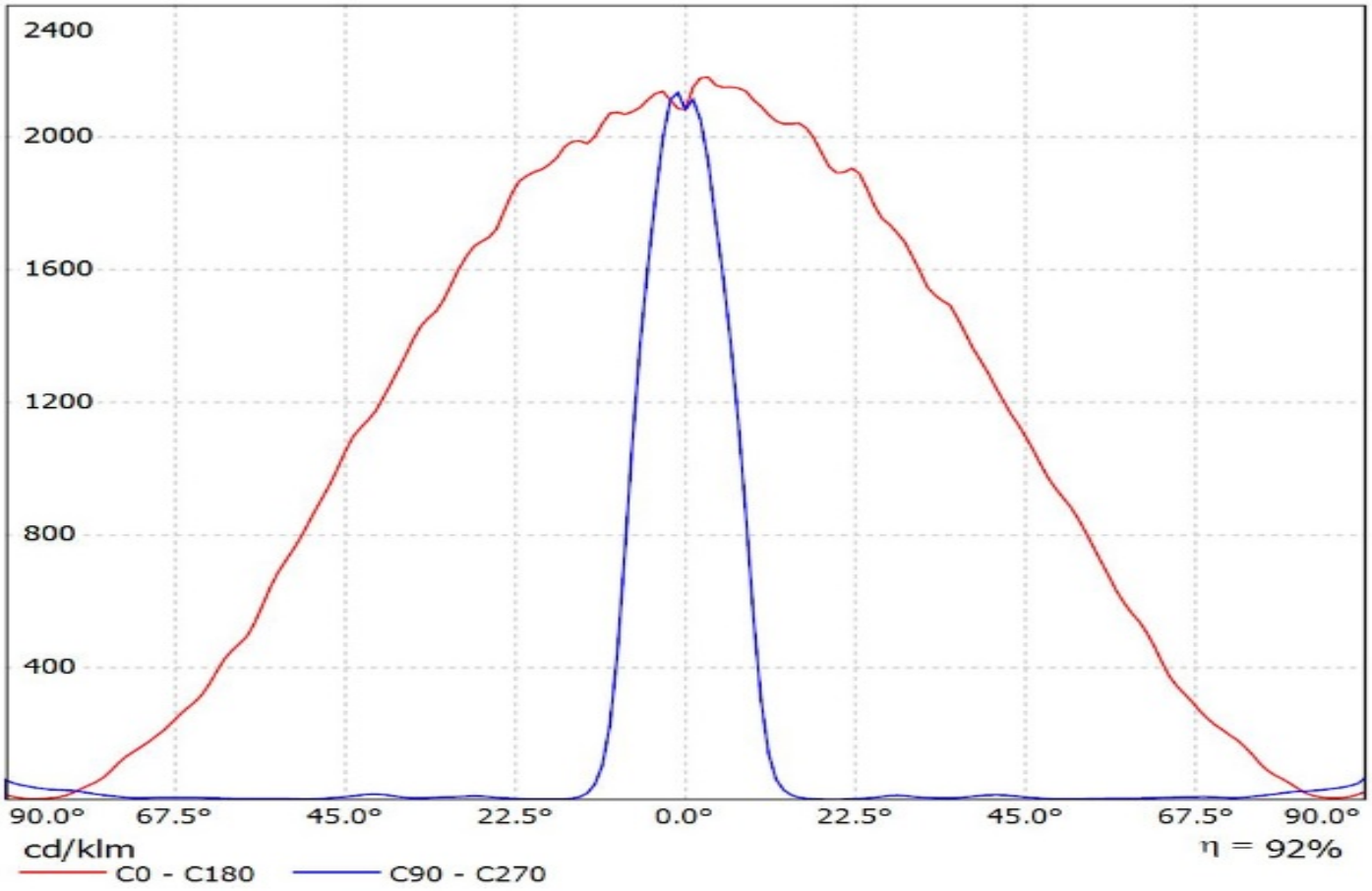
SIZE	PART NUMBER
A3	FLARE-MAXI (WITH TAPE)

SCALE	WEIGHT		SHEET
1:1	-		1/1

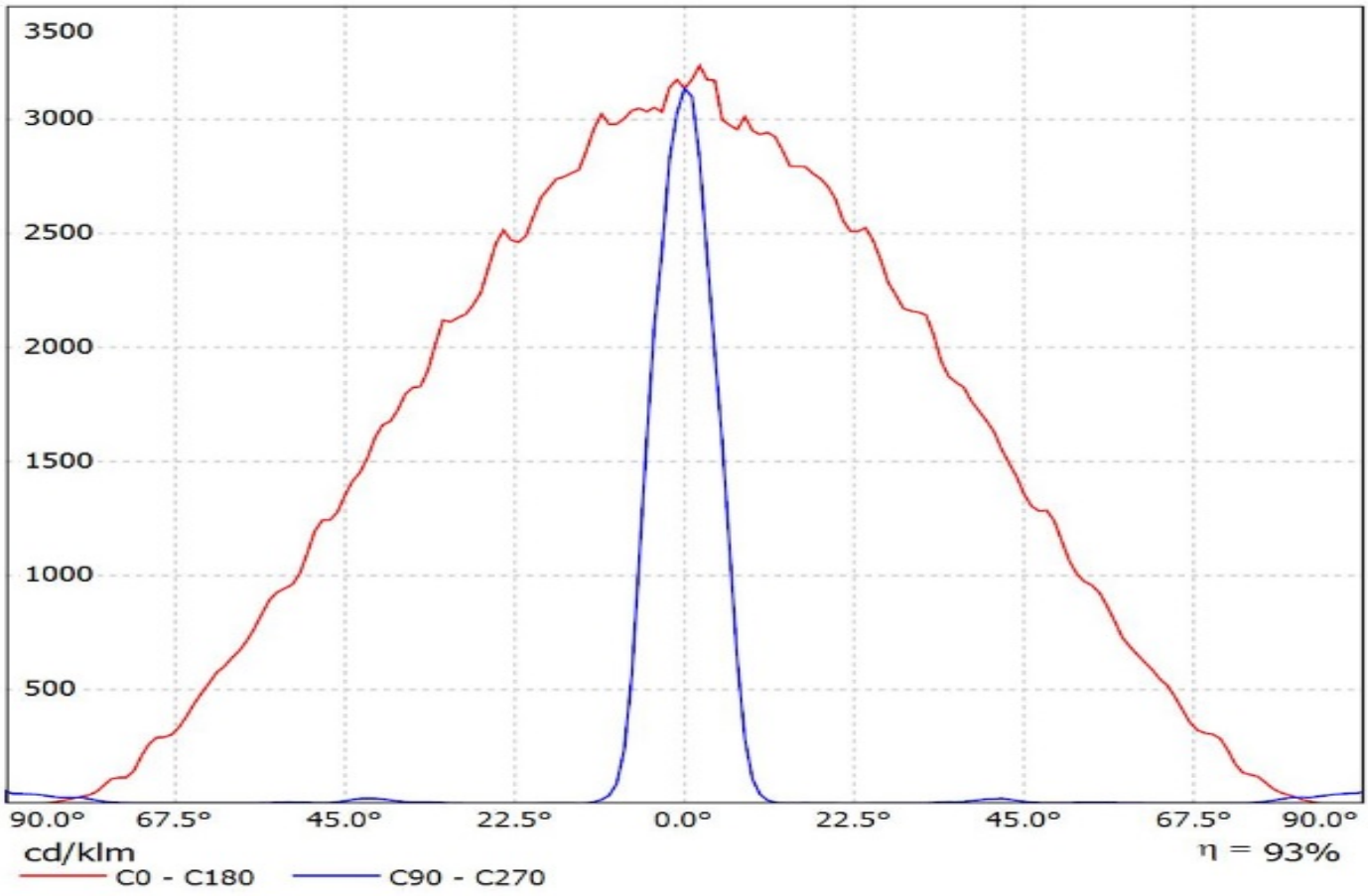
Luminaire: LEDiL Oy CA14366_FLARE-MAXI-TAPE_(XP-L)
Lamps: 1 x Cree_XP-L_130.2lm@250mA_P=0.73723W_I=249.9mA



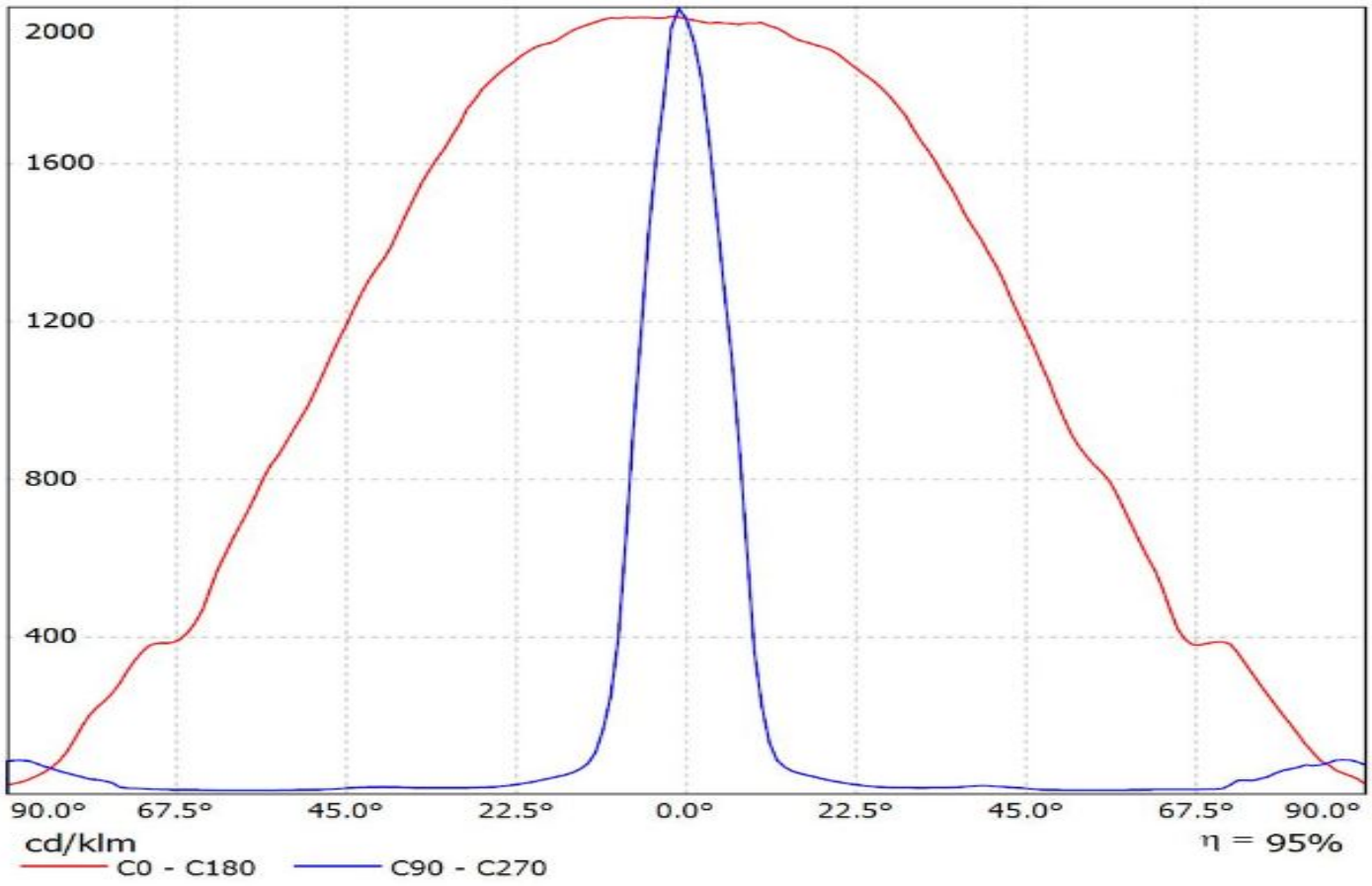
Luminaire: Ledil Oy CA14366_FLARE-MAXI-TAPE_(XHP35_HD)_SIMULATED
Lamps: 1 x Cree XHP35 HD



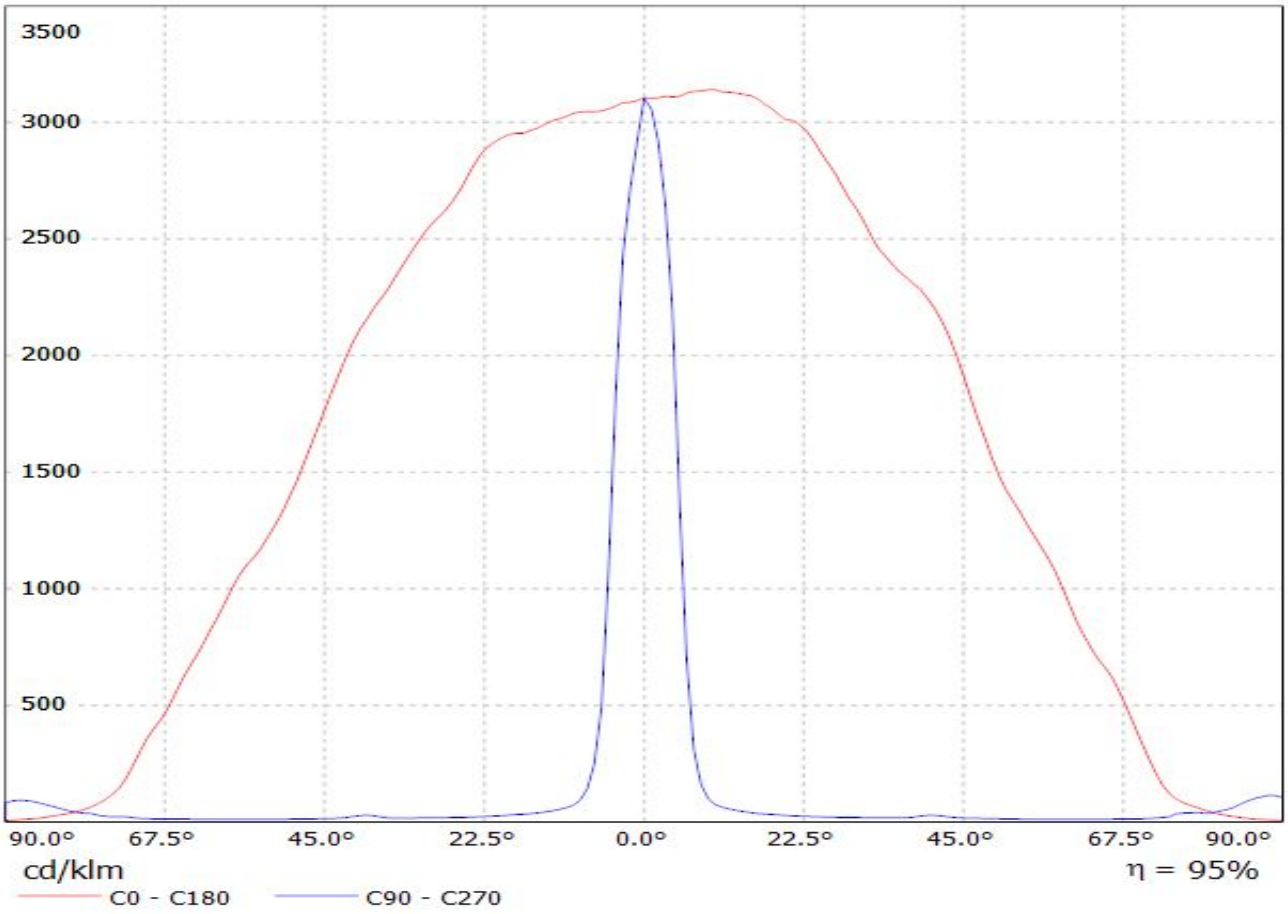
Luminaire: Ledil Oy CA14366_FLARE-MAXI-TAPE_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



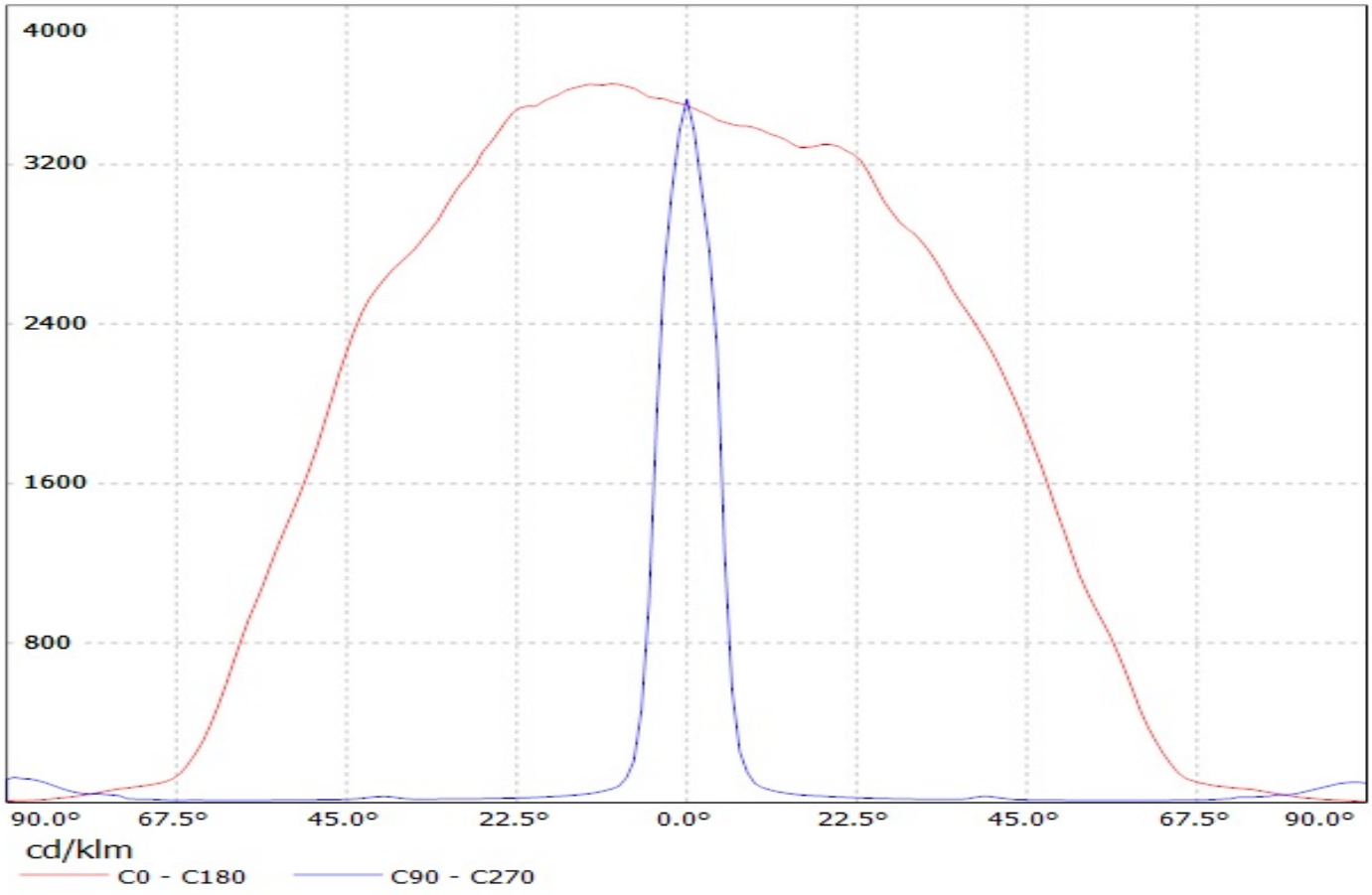
Luminaire: Ledil CA14366_FLARE-MAXI-TAPE_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A



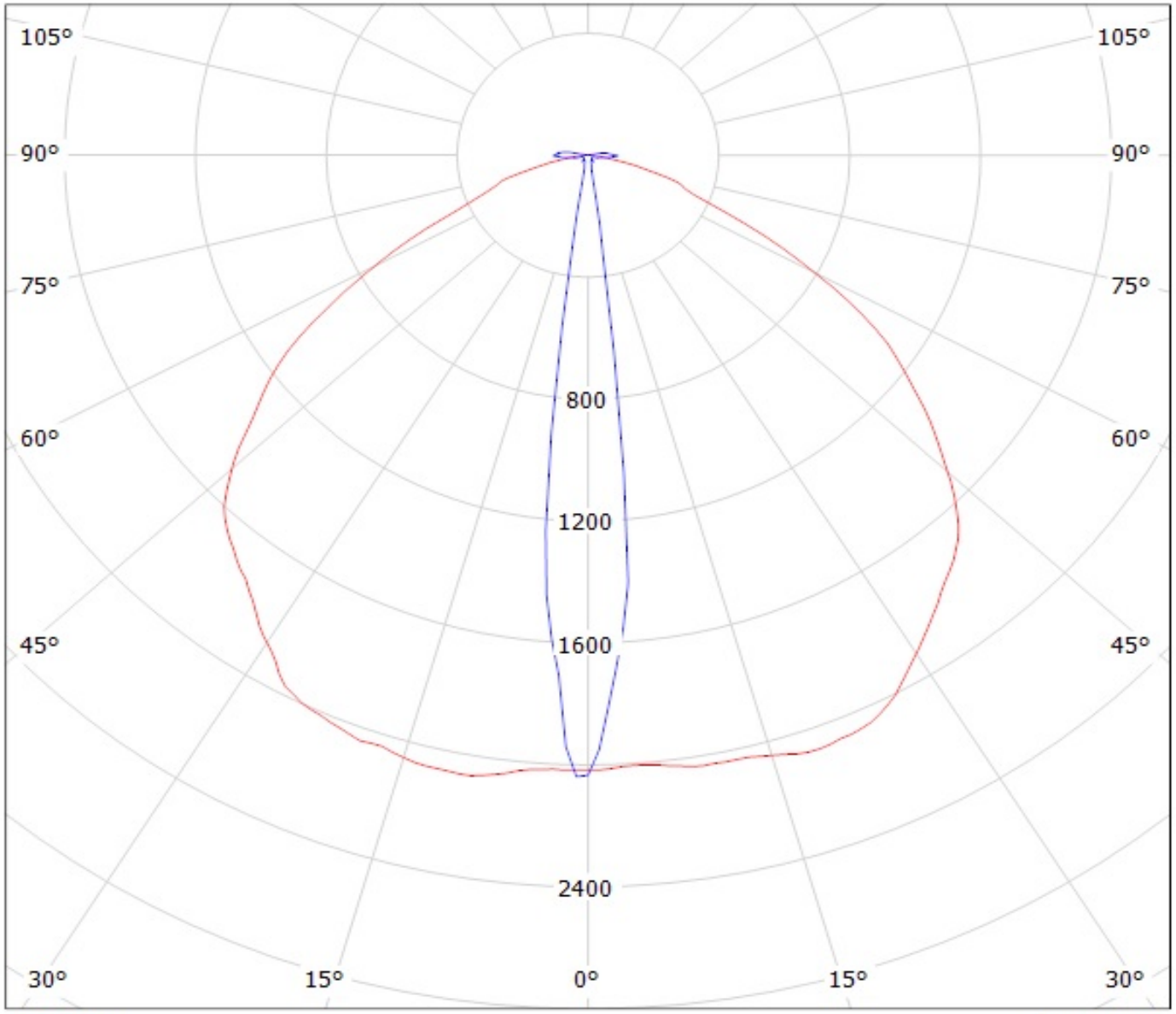
Luminaire: LEDiL Oy CA14366_FLARE-MAXI-TAPE_(Luxeon_TX) Eff.95.1%
Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.1801lm@250mA_CCT=3500K_P=0.731482W_I=249.9mA



Luminaire: LEDiL Oy CA14366_FLARE-MAXI-TAPE_(LH351Z) Eff: 94%
Lamps: 1 x SAMSUNG_LH351Z_91.81lm@250mA_P=0.748076W_I=249.9mA



Luminaire: LEDiL Oy CA14366_FLARE-MAXI-TAPE_(XP-L)
Lamps: 1 x Cree_XP-L_130.2lm@250mA_P=0.73723W_I=249.9mA

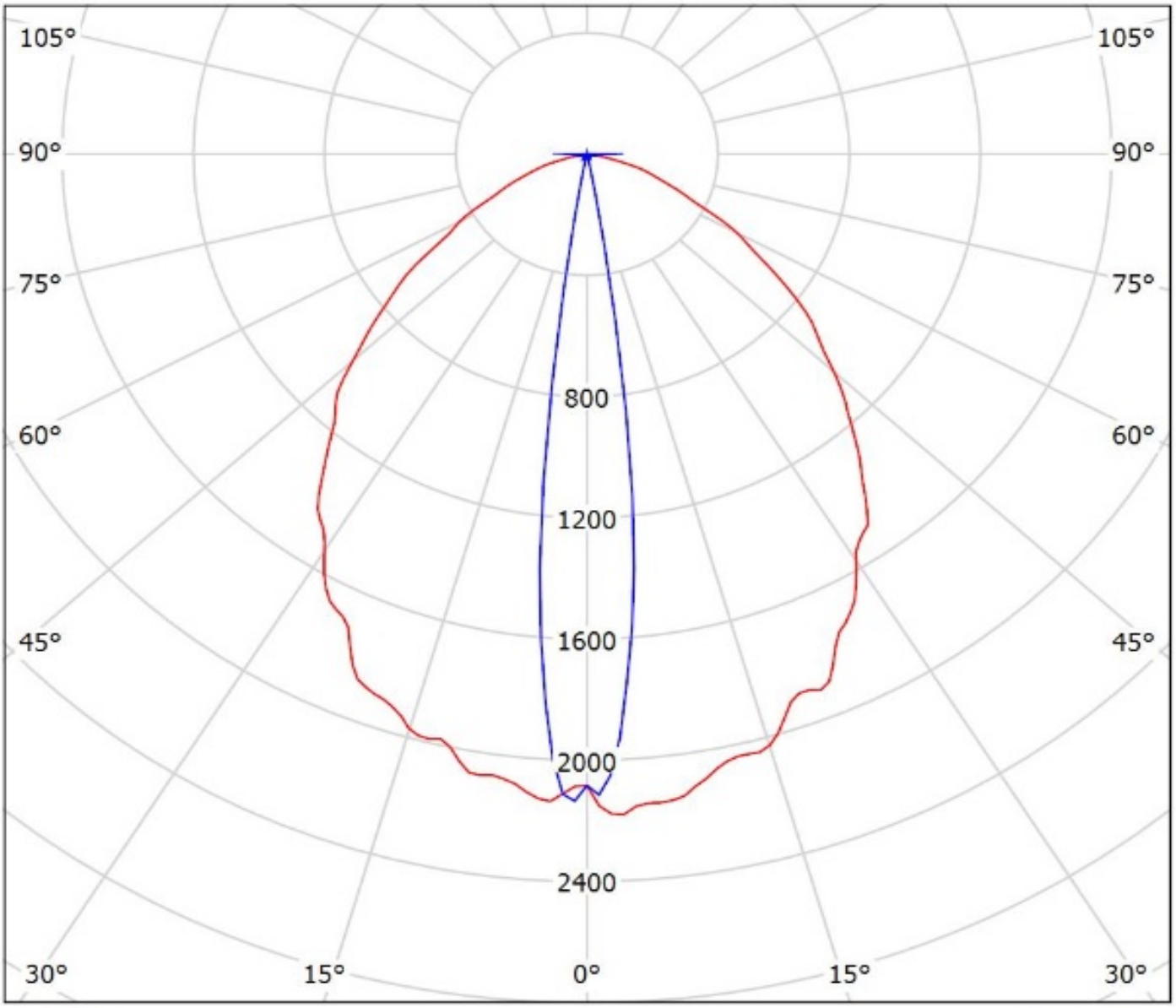


cd/klm

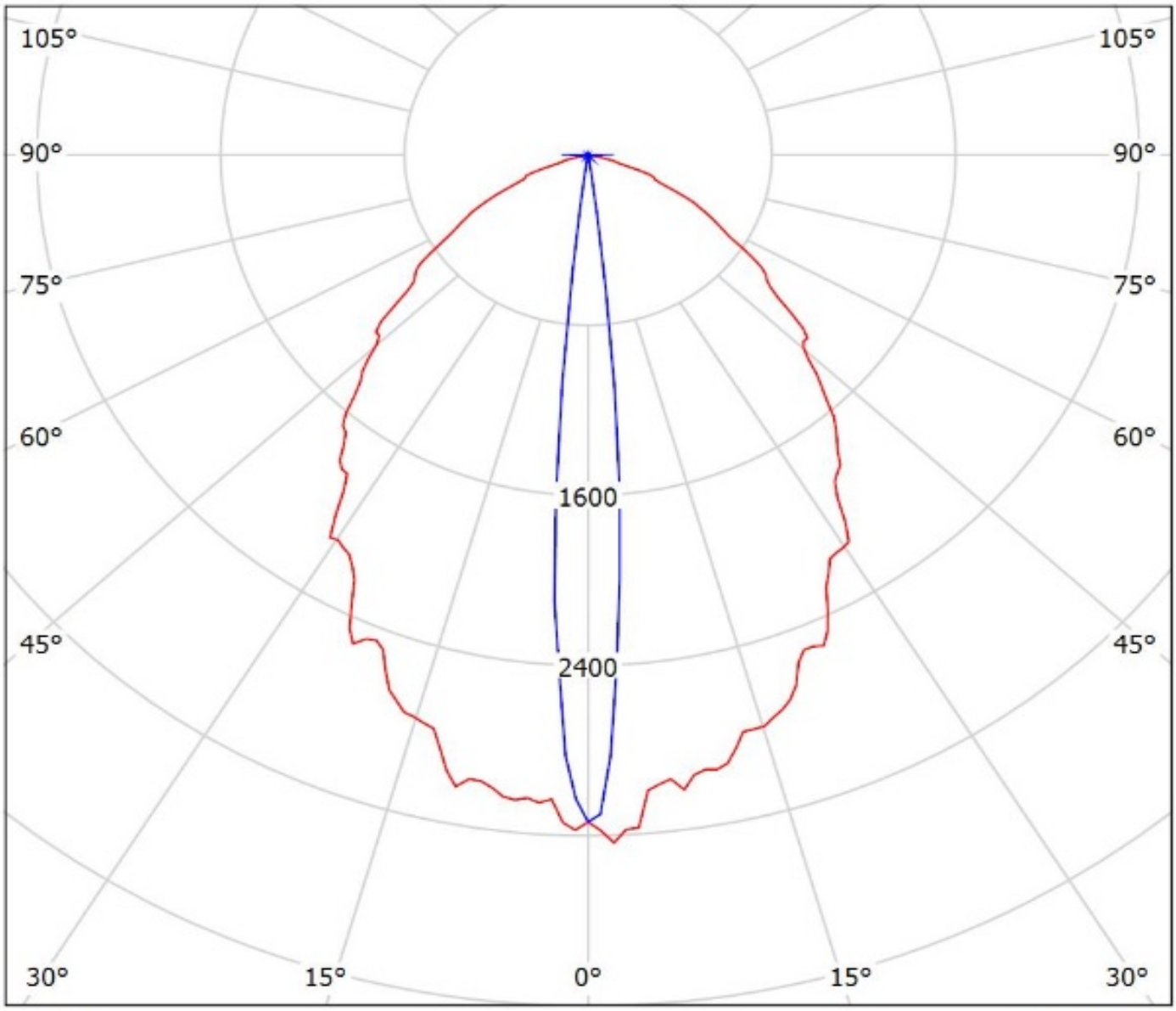
η = 94%

C0 - C180 C90 - C270

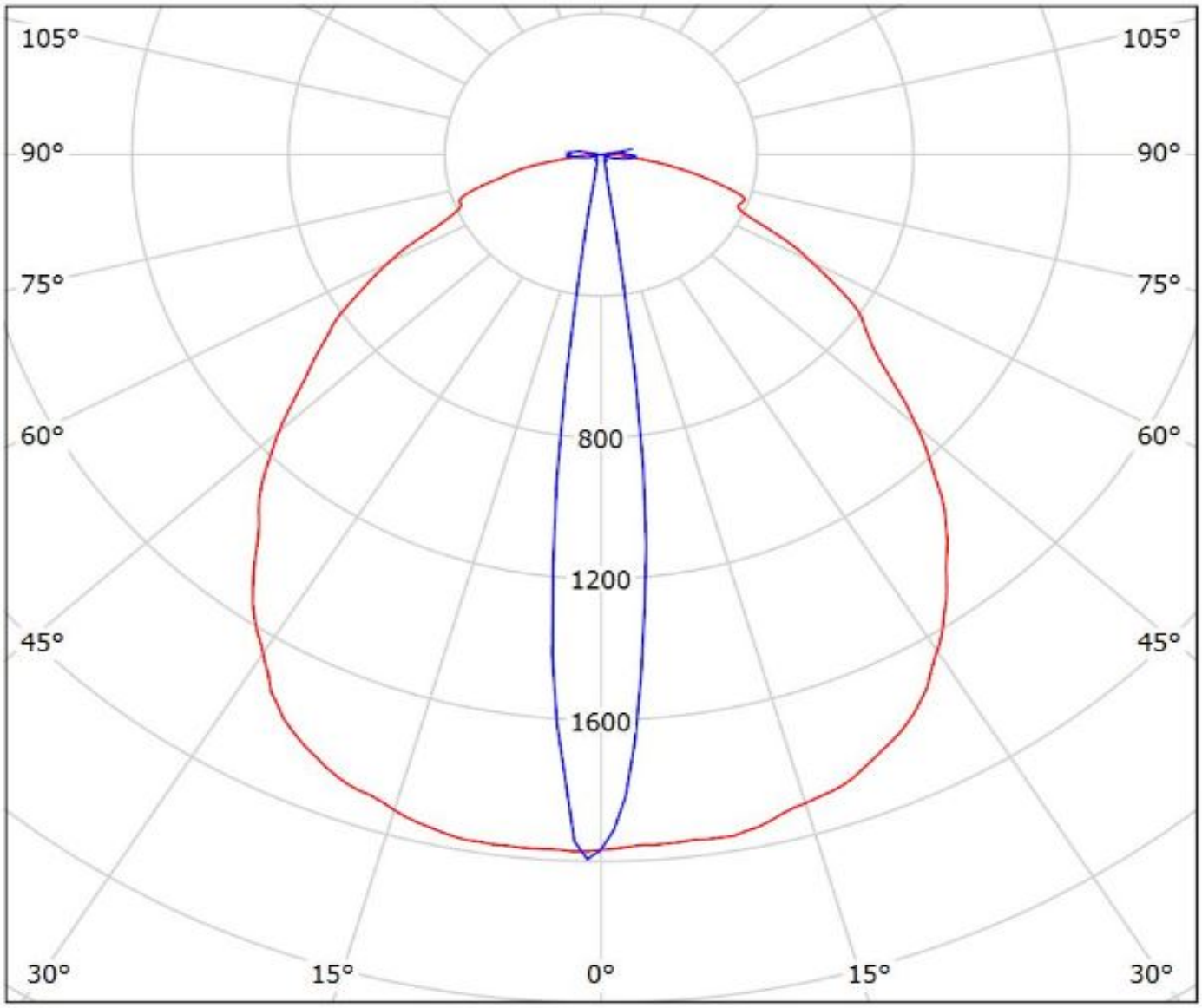
Luminaire: Ledil Oy CA14366_FLARE-MAXI-TAPE_(XHP35_HD)_SIMULATED
Lamps: 1 x Cree XHP35 HD



Luminaire: Ledil Oy CA14366_FLARE-MAXI-TAPE_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



Luminaire: Ledil CA14366_FLARE-MAXI-TAPE_(XP-L2)
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.505lm@250mA_P=0.72165W_I=0.25A

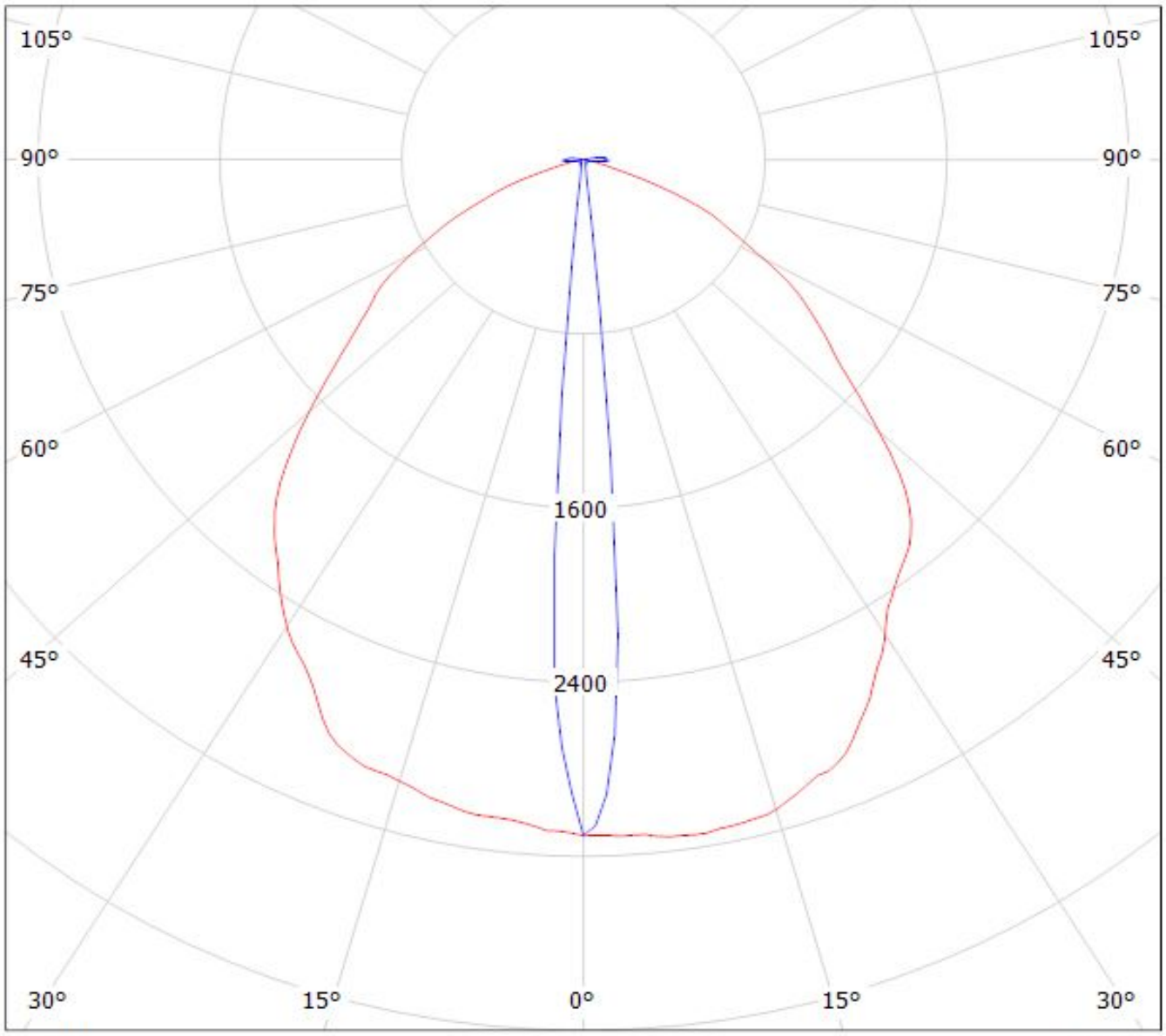


cd/klm

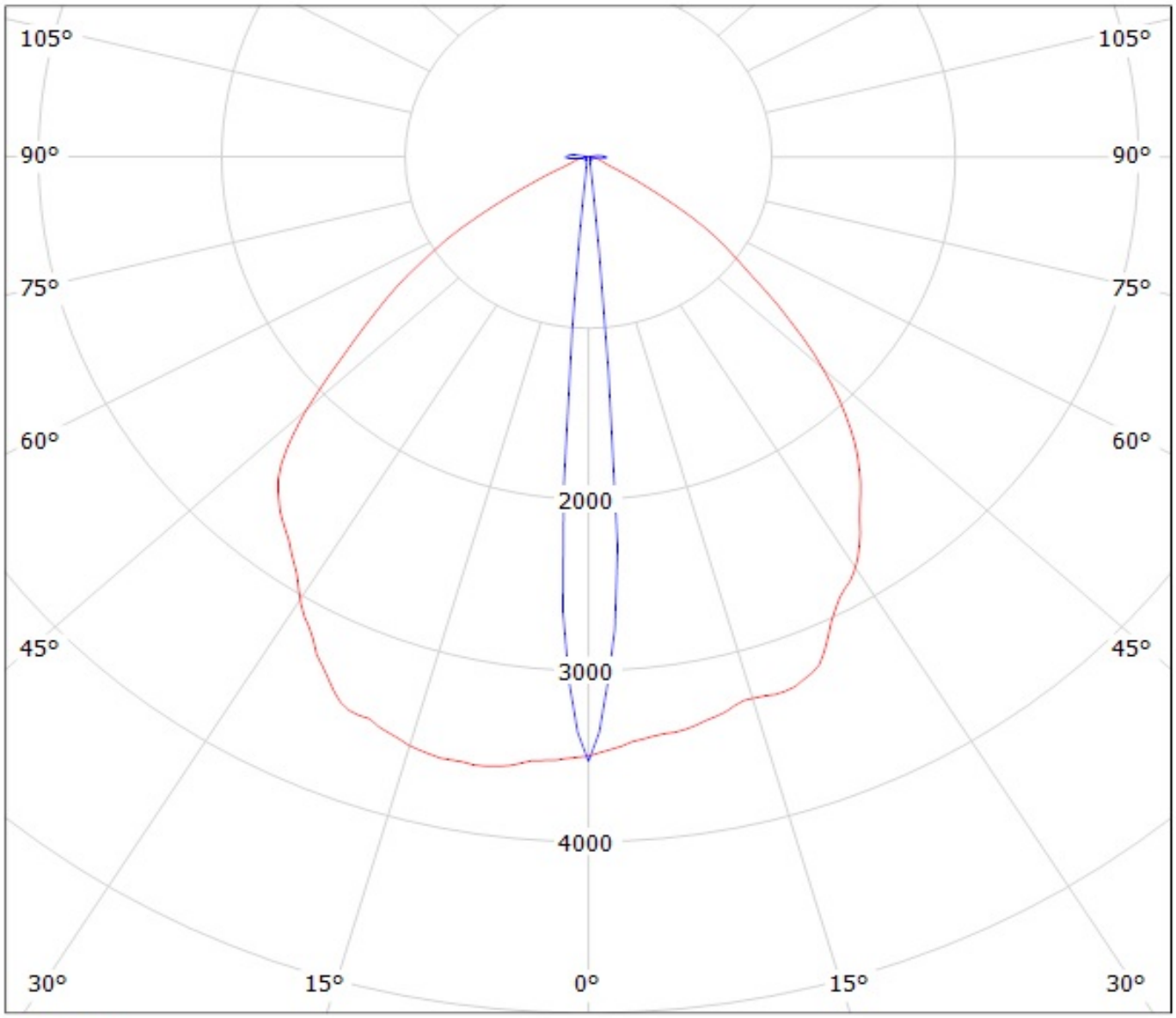
η = 95%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CA14366_FLARE-MAXI-TAPE_(Luxeon_TX) Eff.95.1%
Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.1801lm@250mA_CCT=3500K_P=0.731482W_I=249.9mA



Luminaire: LEDiL Oy CA14366_FLARE-MAXI-TAPE_(LH351Z) Eff: 94%
Lamps: 1 x SAMSUNG_LH351Z_91.81lm@250mA_P=0.748076W_I=249.9mA



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.