

DETAILS

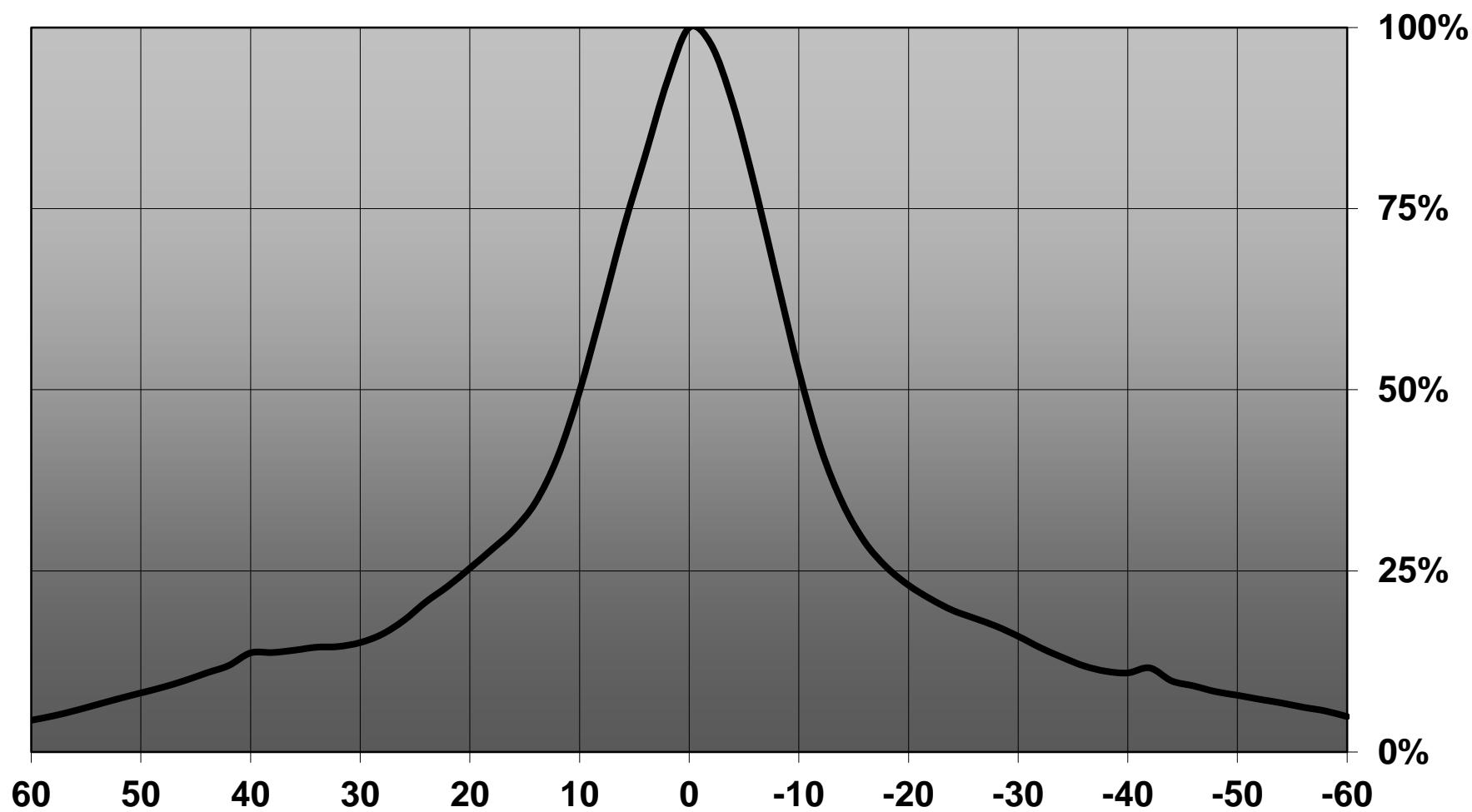
Product Number	CA13949_REBECCA-RGB
Family	Rebecca
Type	Assembly
Color	white
Diameter	42 mm
Height	29.9 mm
Style	round
Optic Material	PMMA
Holder Material	HRPC
Fastening	tape
Status	ready
ROHS Compliant	Yes
Date Updated	19/09/2014



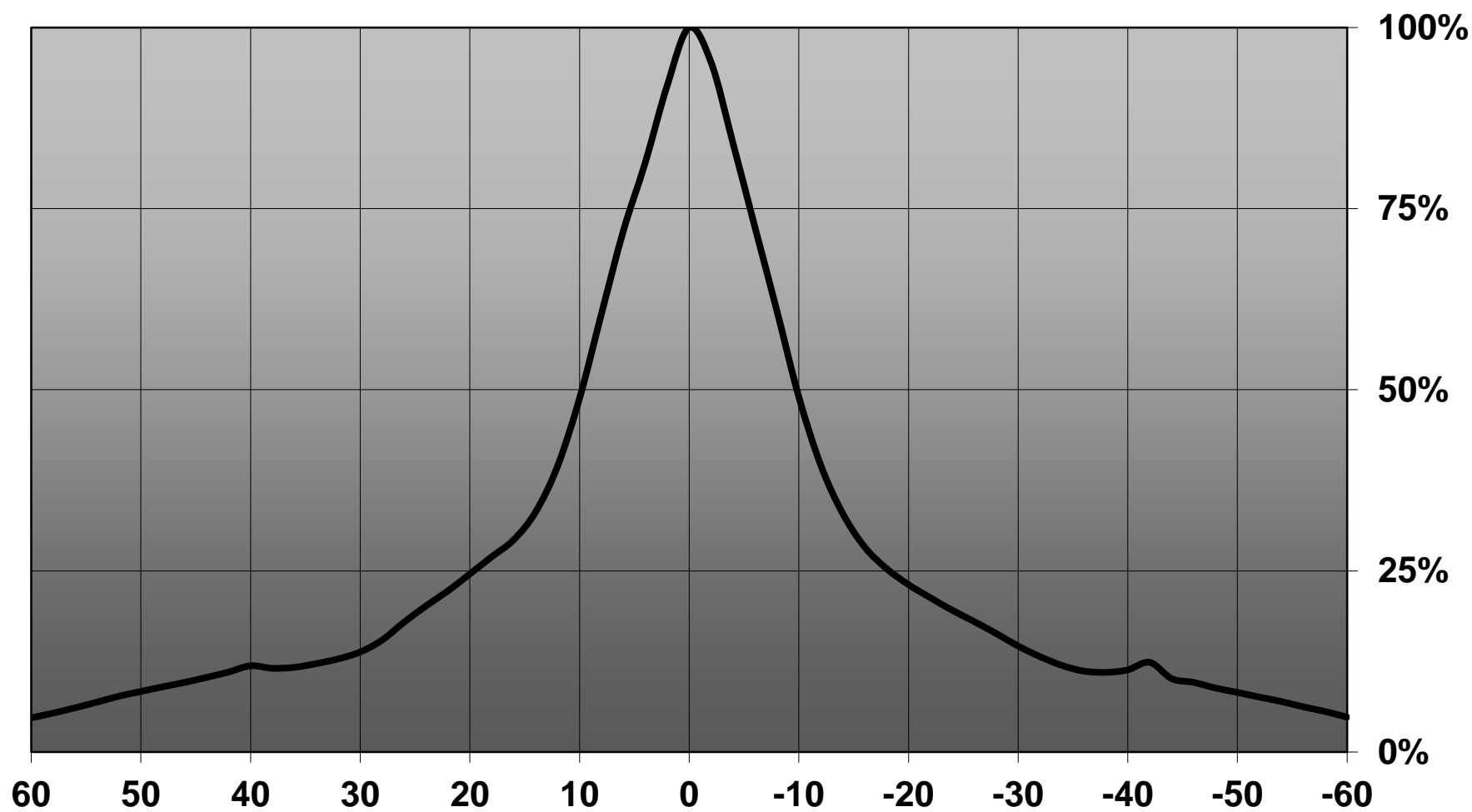
OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
LUXEON Z RGB	20 deg		70 %	1.360	-
Ostar-SMT RGB	20 deg		71 %	1.380	-
XT-E	23 deg		70 %	1.200	-
Z5M1/Z5M2	23 deg		72 %	1.260	-
OLP-5065F6L-06A	23 deg		76 %	1.320	-
XM-L RGB	23 deg		67 %	1.100	-
XB-D	23 deg		68 %	1.220	-
NS6x83	24 deg		76 %	1.270	-
XP-L	24 deg		71 %	1.260	-

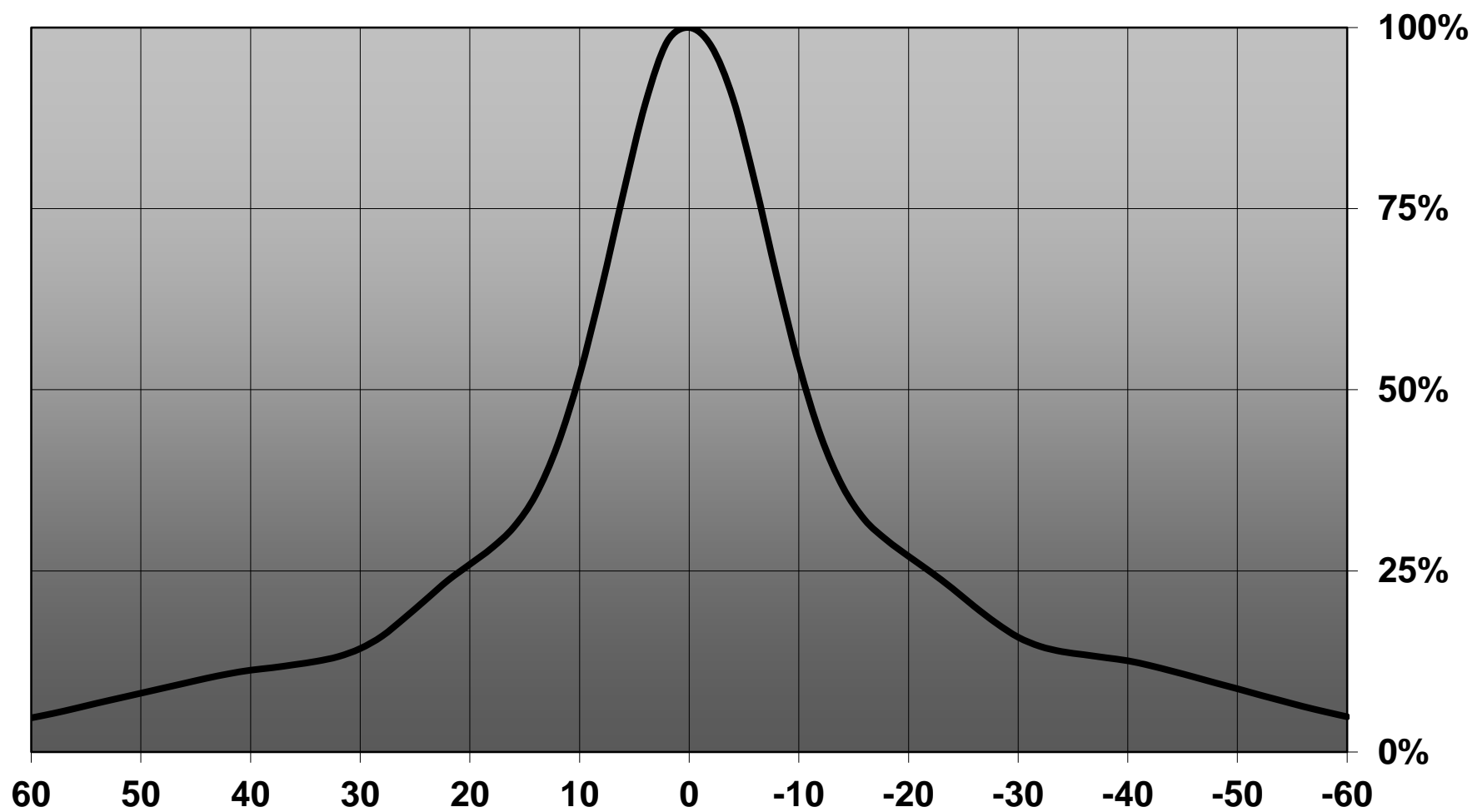
Relative intensity of CA13949_REBECCA-**RGB**_(Luxeon Z RGB)

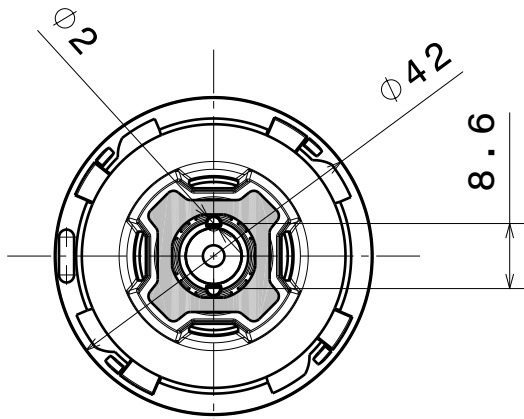


Relative intensity of CA13949_REBECCA-**RGB**_(SMT RGB)

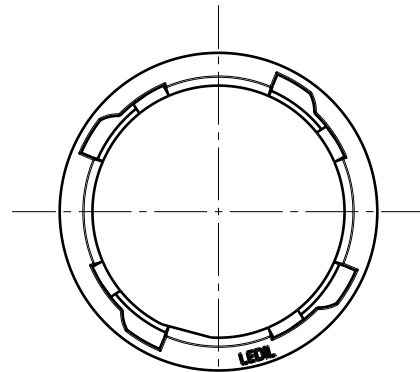


Relative intensity of CA13949_REBECCA-**RGB**_(XM-L RGB)

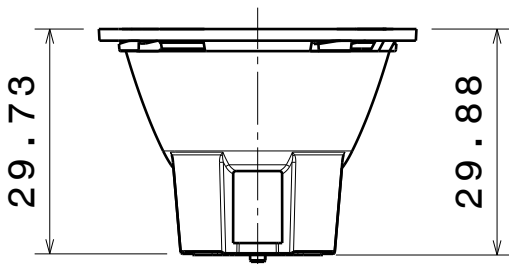




Bottom view



Top view



Front view

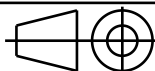
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13948	REBECCA-RZ	PMMA	
2	C13910	REBECCA-RGB-HLD	PC	white
3	C11269	HEIDI-TAPE	adhesive foam tape	

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

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

CA13494_REBECCA-RGB MechanicalDrawing

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agreement with LEDiL Oy."

SIZE

A4

PART NUMBER

CA13494

SCALE

1:1

WEIGHT

-

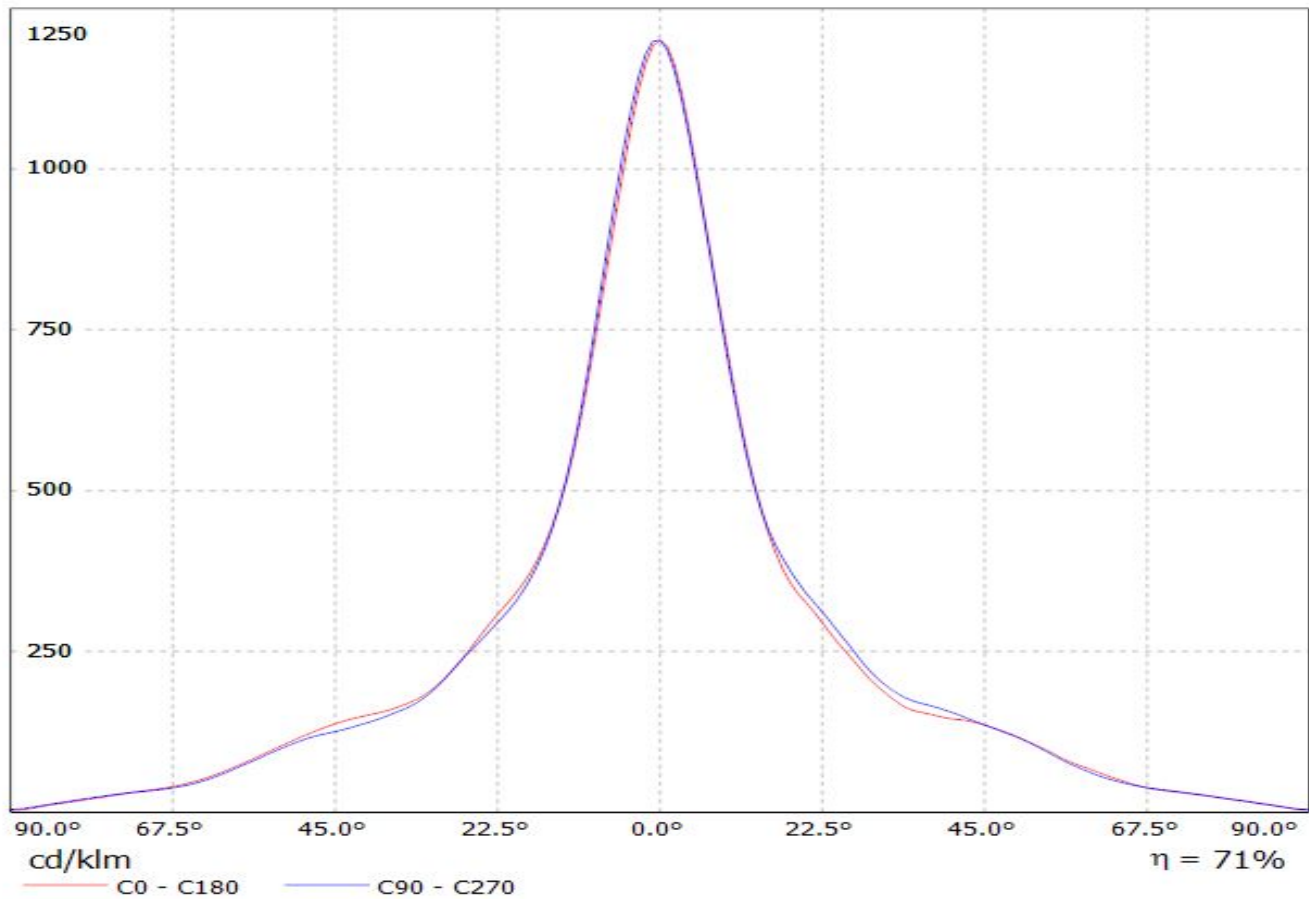
SHEET

1/1

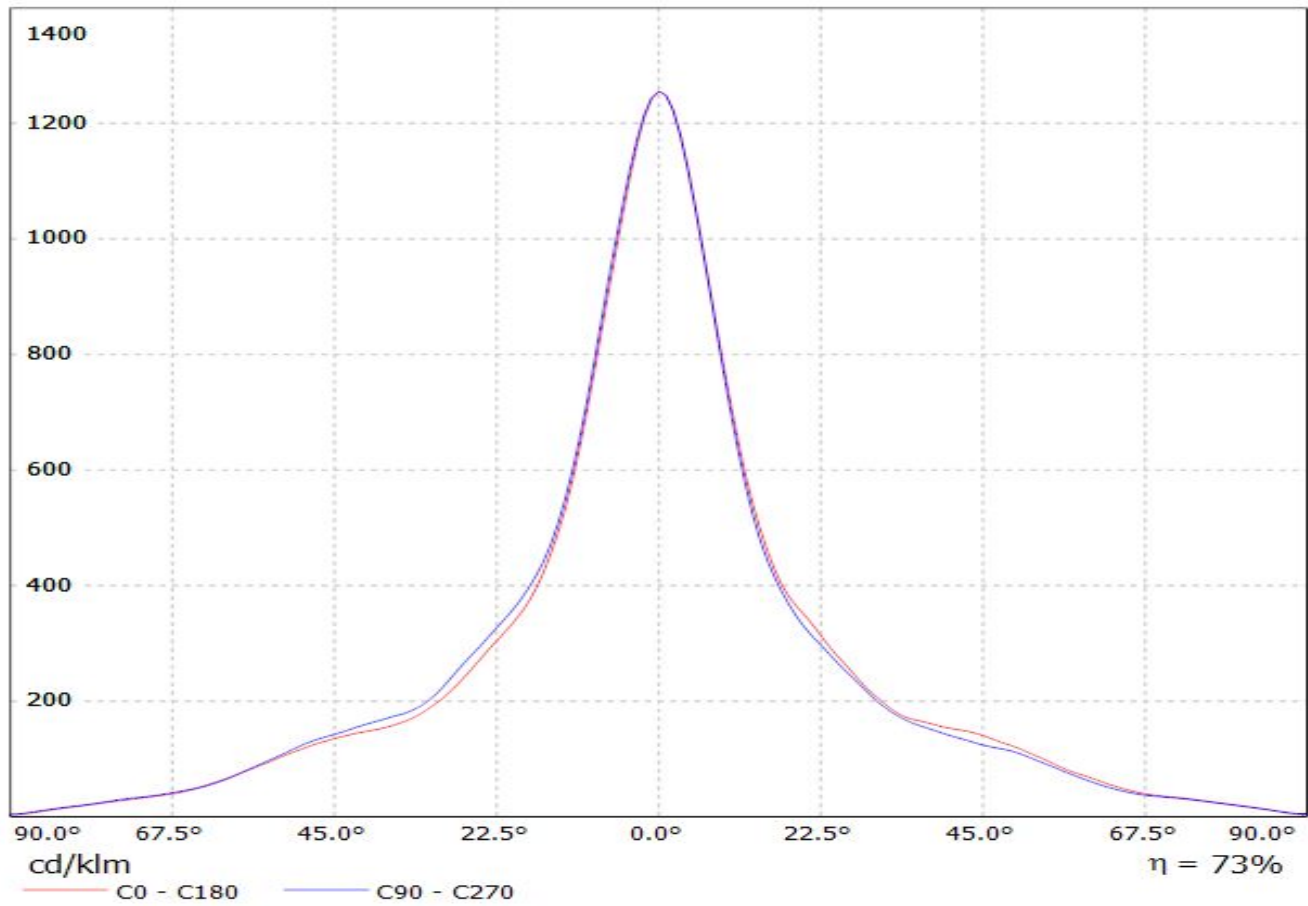
D

A

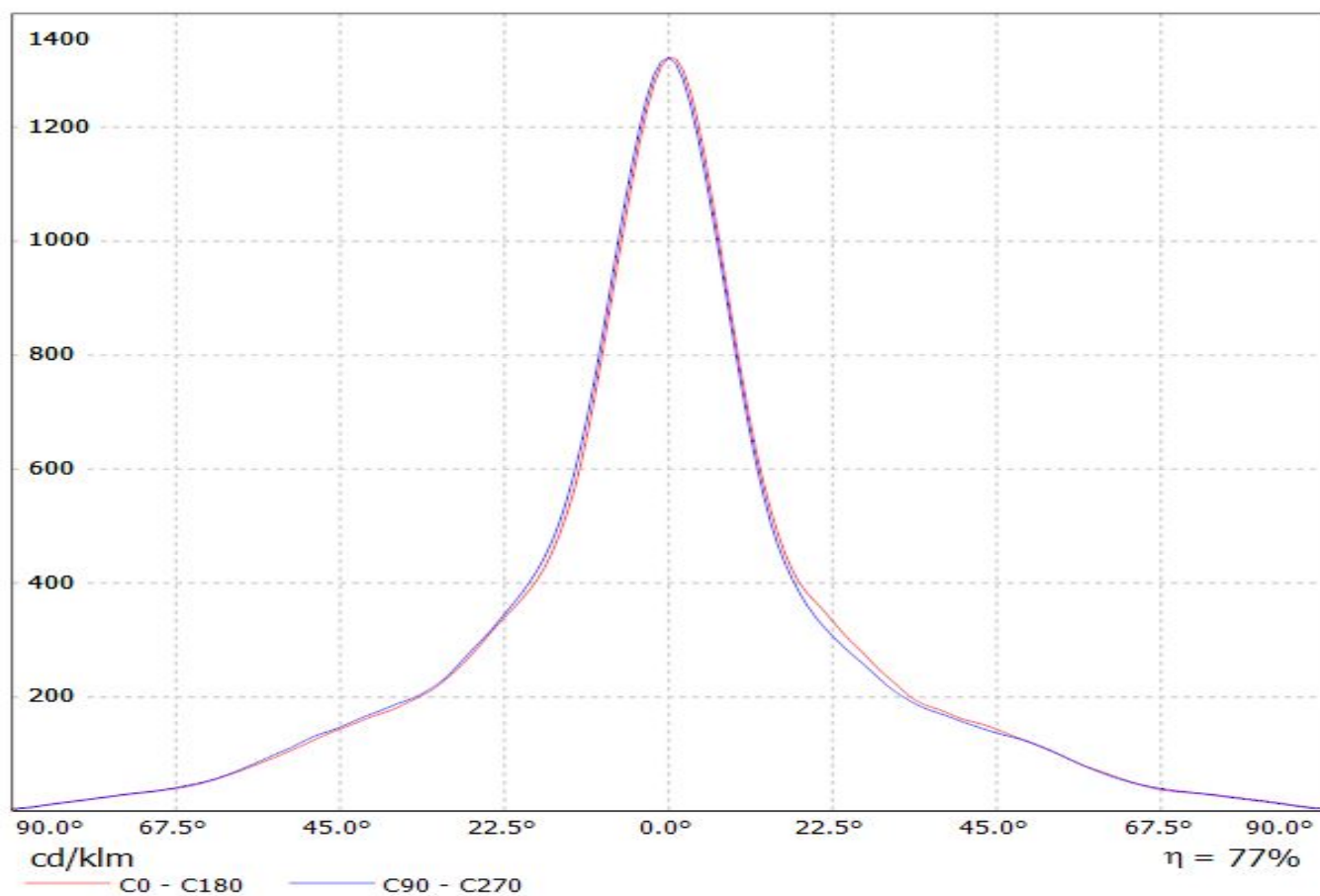
Luminaire: Ledil Oy CA13949_REBECCA-RGB_(XT-E) Efficiency=70%
Lamps: 1 x Cree XT-E (XTEAWT-00-0000-00000HBE8) 75.6lm @ 250mA CCT=2811K P=0.77W I=250mA



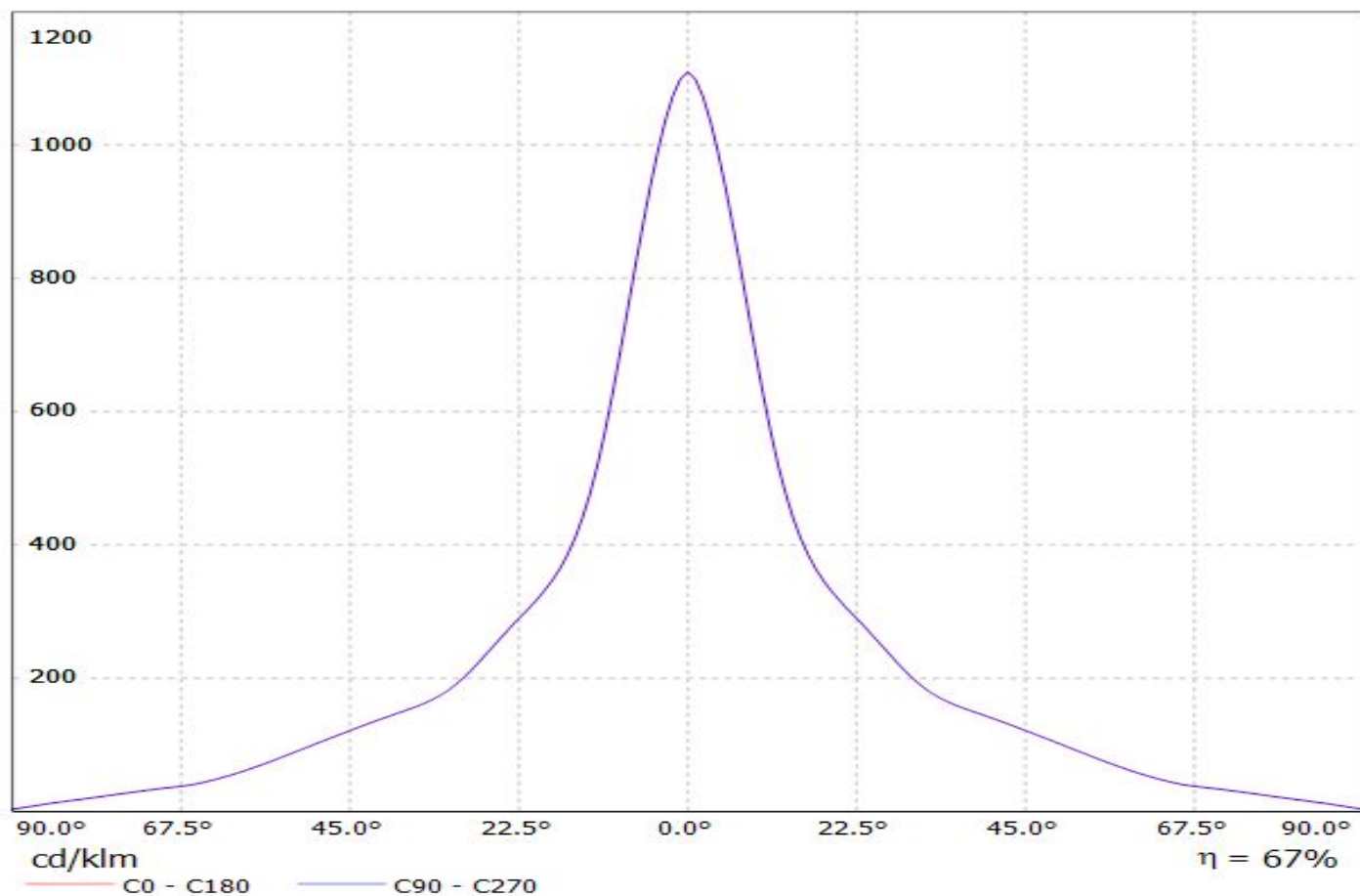
Luminaire: Ledil Oy CA13949_REBECCA-RGB_(Z5M1) Efficiency=72%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-W0-C8/W1-A5-G)) 107lm @ 250mA CCT=9074K P=0.72W I=250mA



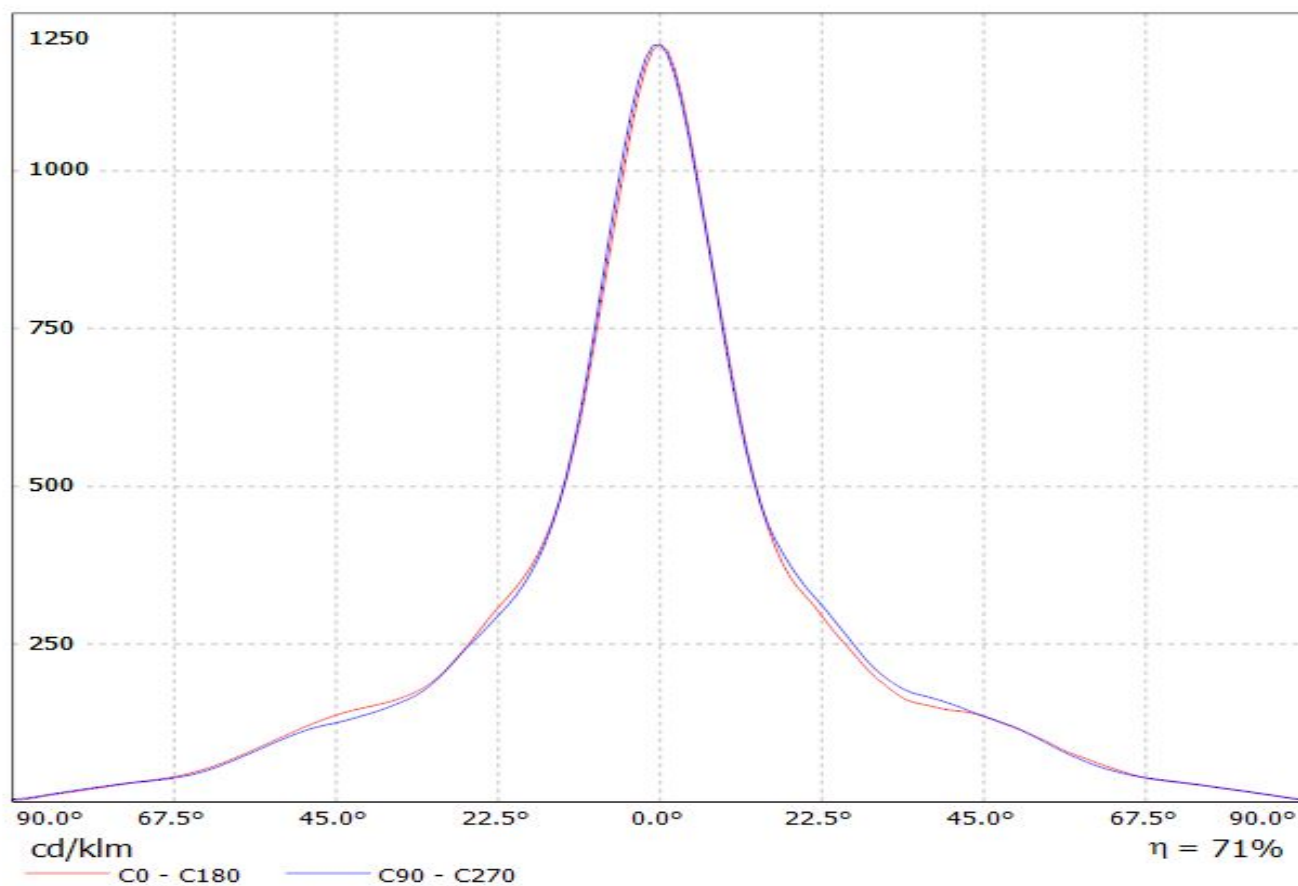
Luminaire: Ledil Oy CA13949_REBECCA-RGB_(Optogan OLP-5065F6L-06A) Efficiency=76%
Lamps: 1 x Optogan OLP-506F6L-06A) 105.95lm @ 250mA CCT= P=0.76W I=250mA



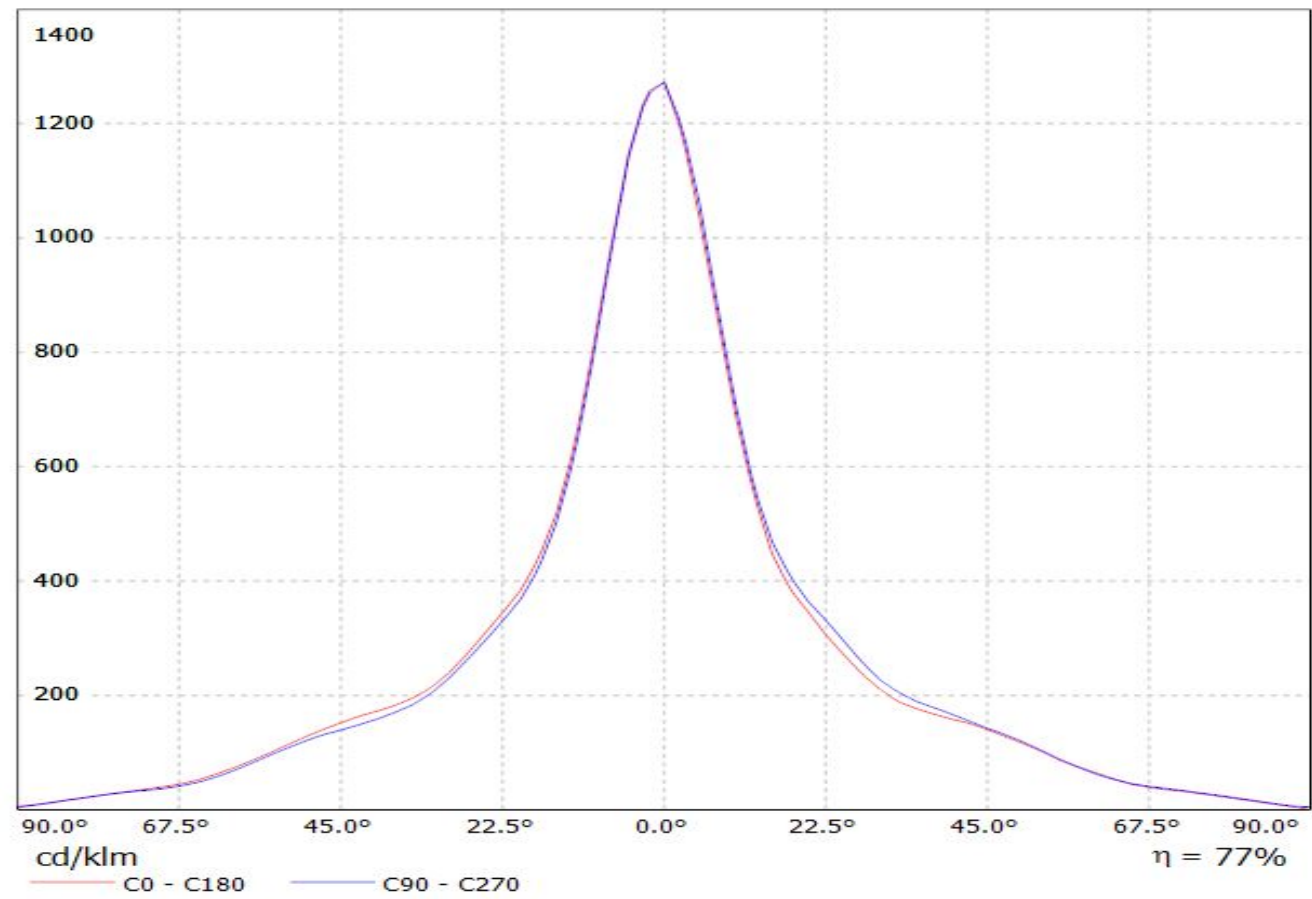
Luminaire: LEDiL Oy CA13949_REBECCA-RGB_(XM-L_RGBW) Eff.66.8%
Lamps: 1 x CREE_XM-L_RGBW_205.876lm@250mA_P=2.77789W_I=249.9mA



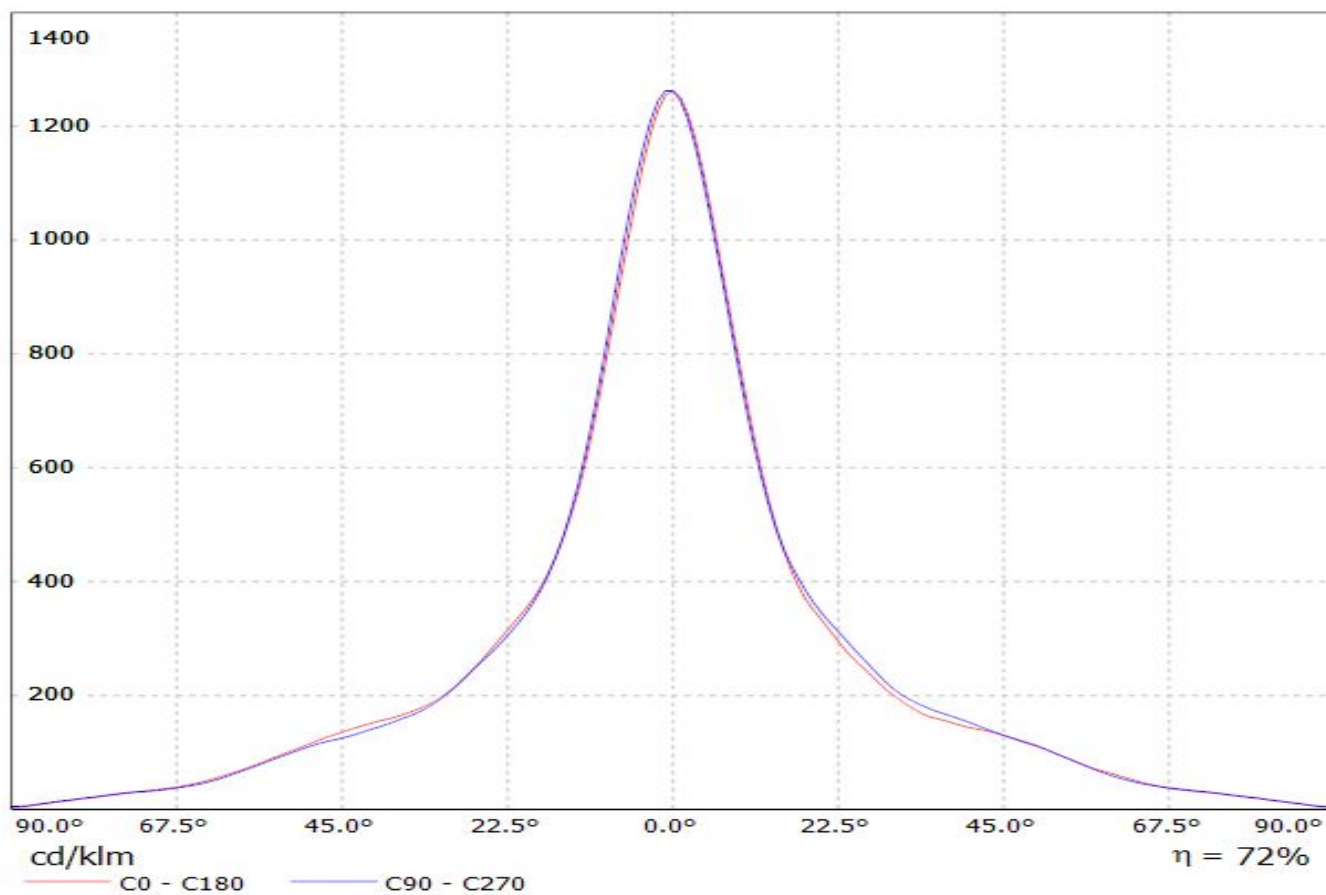
Luminaire: Ledil Oy CA13949_REBECCA-RGB_(XT-E) Efficiency=70%
Lamps: 1 x Cree XT-E (XTEAWT-00-0000-00000HBE8) 75.6lm @ 250mA CCT=2811K P=0.77W I=250mA



Luminaire: Ledil Oy Luminaire Catalog Number CA13949_REBECCA-RGB_(NS6x83) Efficiency=76%
Lamps: 1 x Nichia NS6x83 72lm @ 250mA CCT= P=0.78W I=250mA

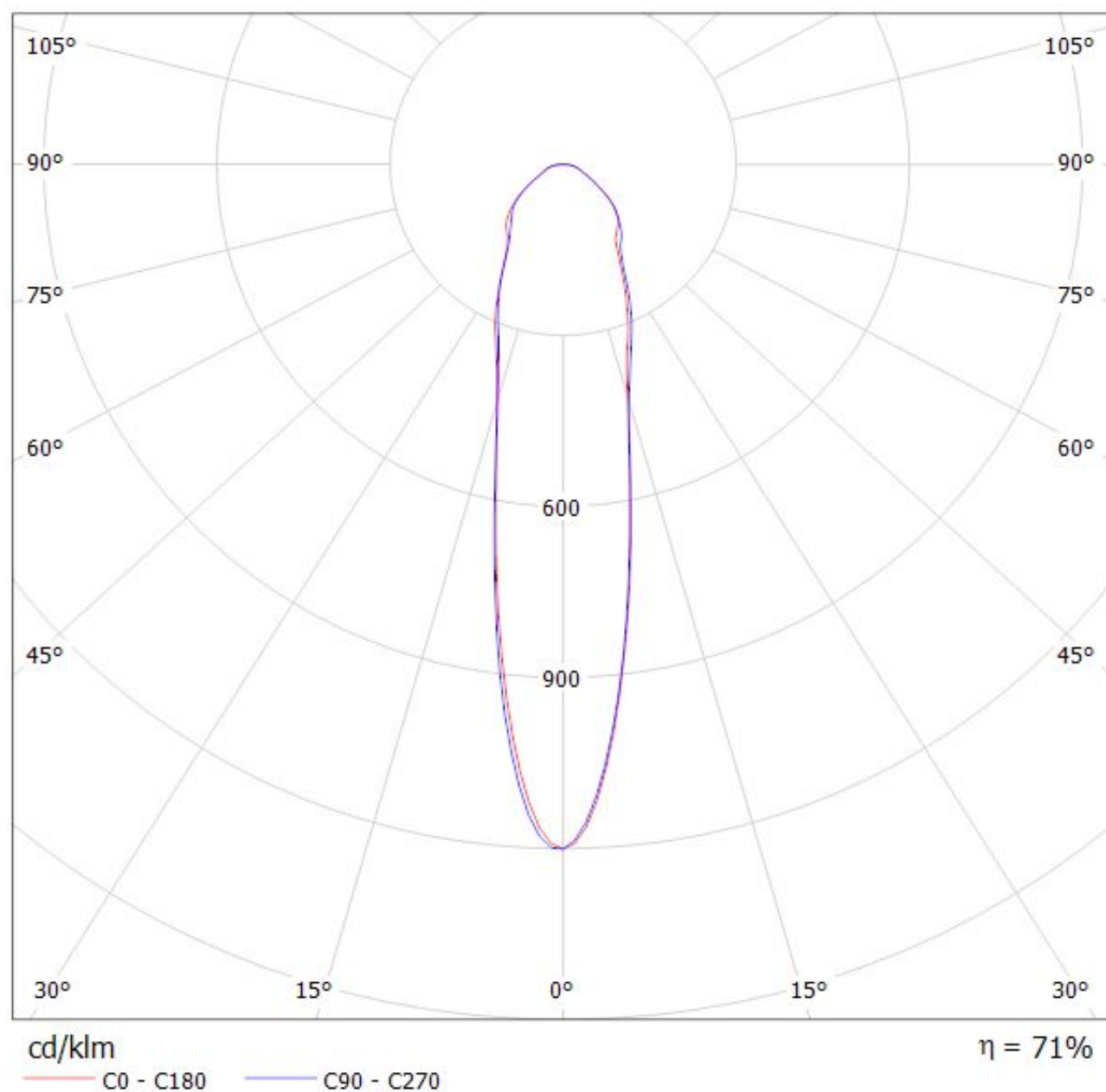


Luminaire: Ledil Oy CA13949_REBECCA-RGB_(XP-L) Efficiency=71%
Lamps: 1 x Cree XP-L 127.5lm @ 250mA CCT= P=0.72W I=250mA

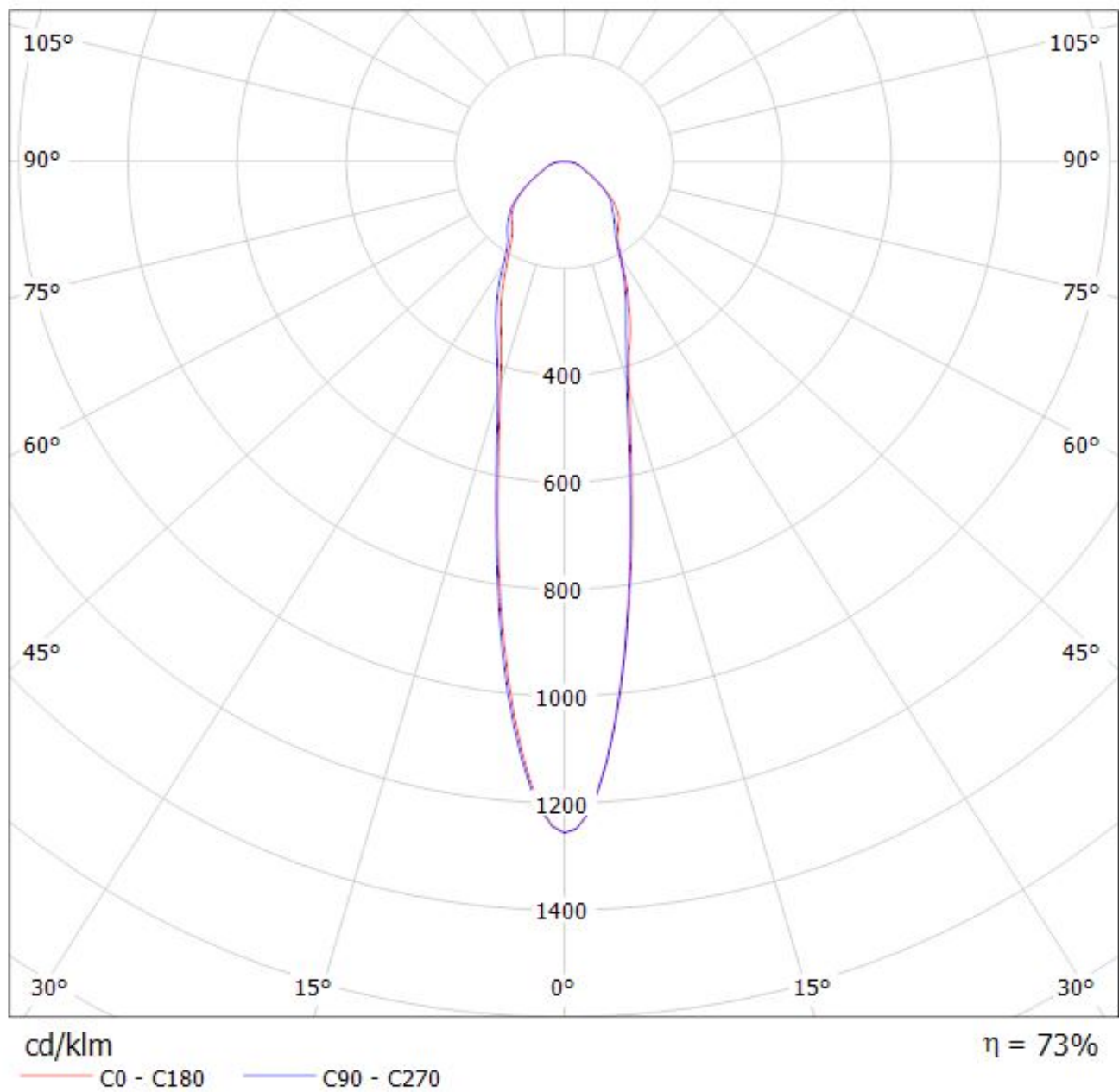


Luminaire: Ledil Oy CA13949_REBECCA-RGB_(XT-E) Efficiency=70%

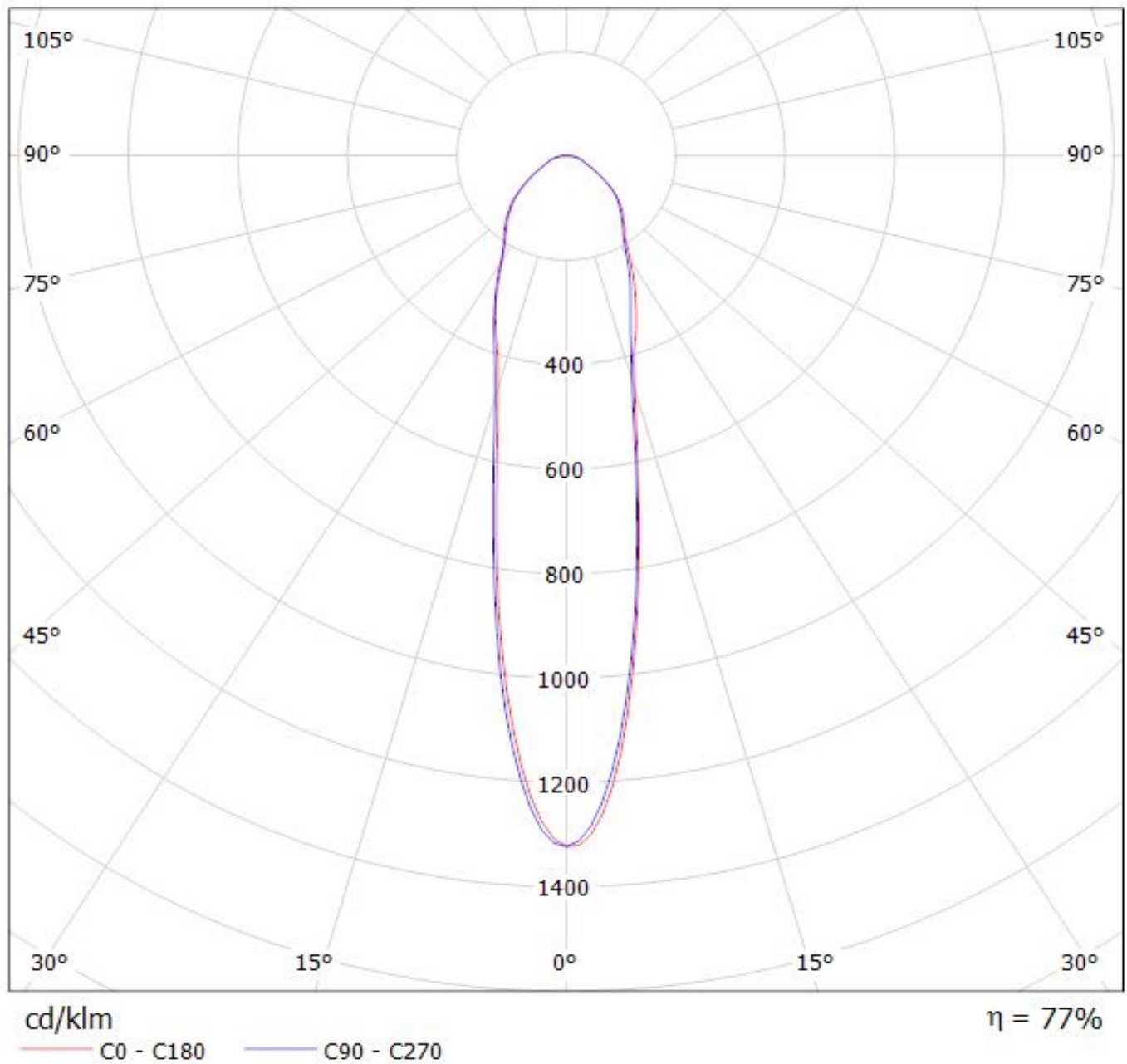
Lamps: 1 x Cree XT-E (XTEAWT-00-0000-00000HBE8) 75.6lm @ 250mA CCT=2811K P=0.77W I=250mA



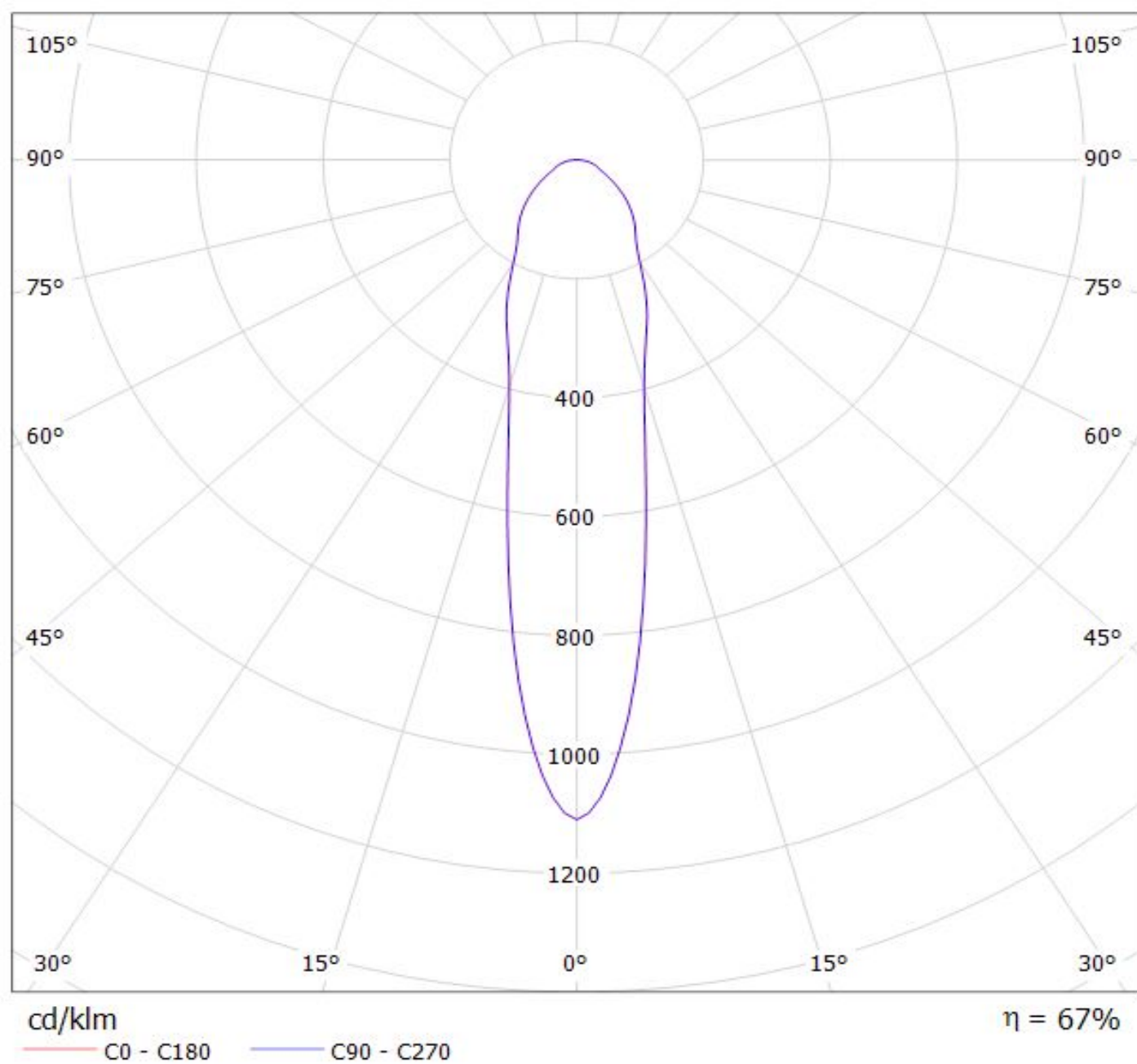
Luminaire: Ledil Oy CA13949_REBECCA-RGB_ (Z5M1) Efficiency=72%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-W0-C8/W1-A5-G)) 107lm @ 250mA CCT=9074K P=0.72W I=250mA



Luminaire: Ledil Oy CA13949_REBECCA-RGB_(Optogan OLP-5065F6L-06A) Efficiency=76%
Lamps: 1 x Optogan OLP-506F6L-06A) 105.95lm @ 250mA CCT= P=0.76W I=250mA

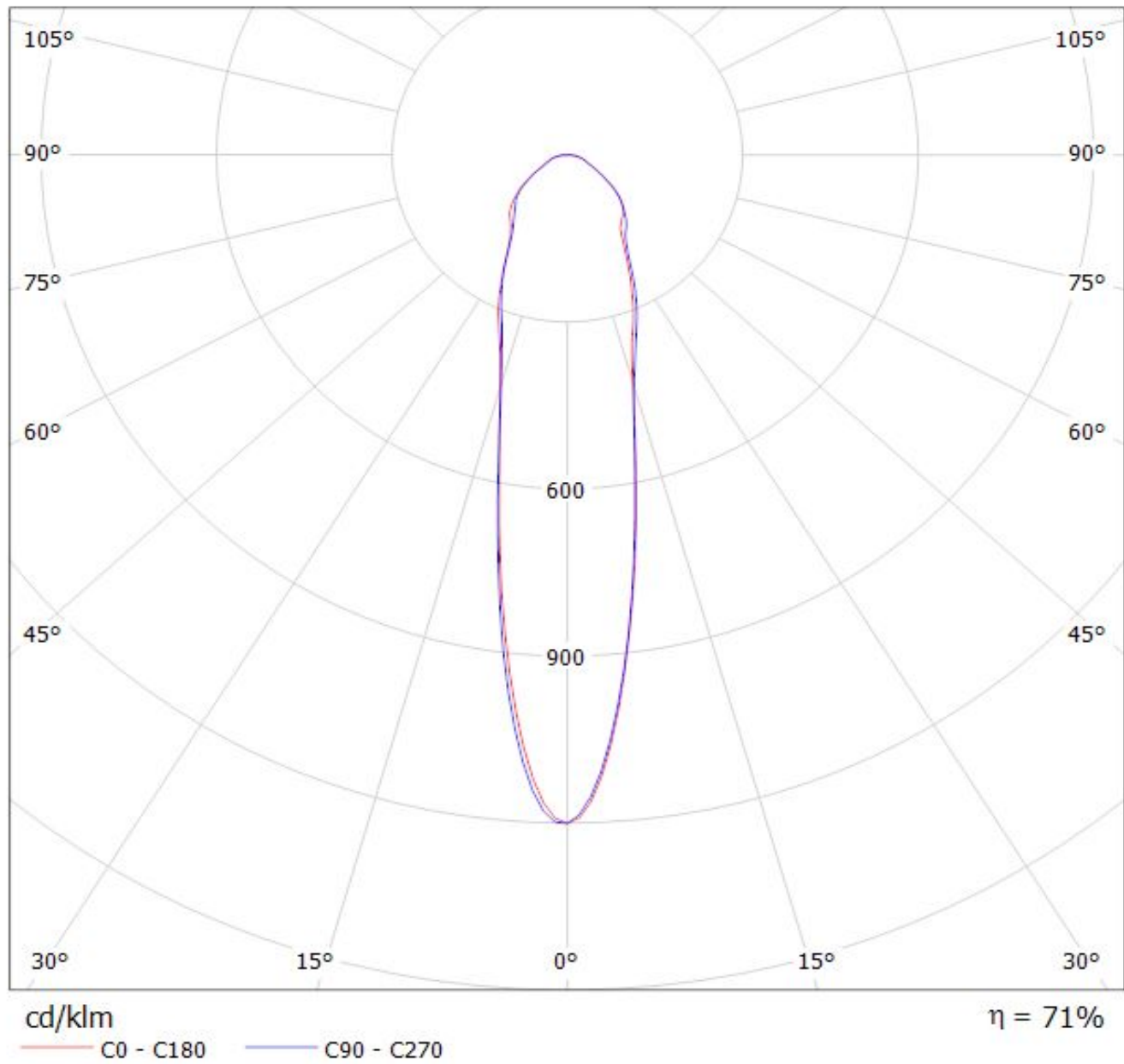


Luminaire: LEDiL Oy CA13949_REBECCA-RGB_(XM-L_RGBW) Eff.66.8%
Lamps: 1 x CREE_XM-L_RGBW_205.876lm@250mA_P=2.77789W_I=249.9mA

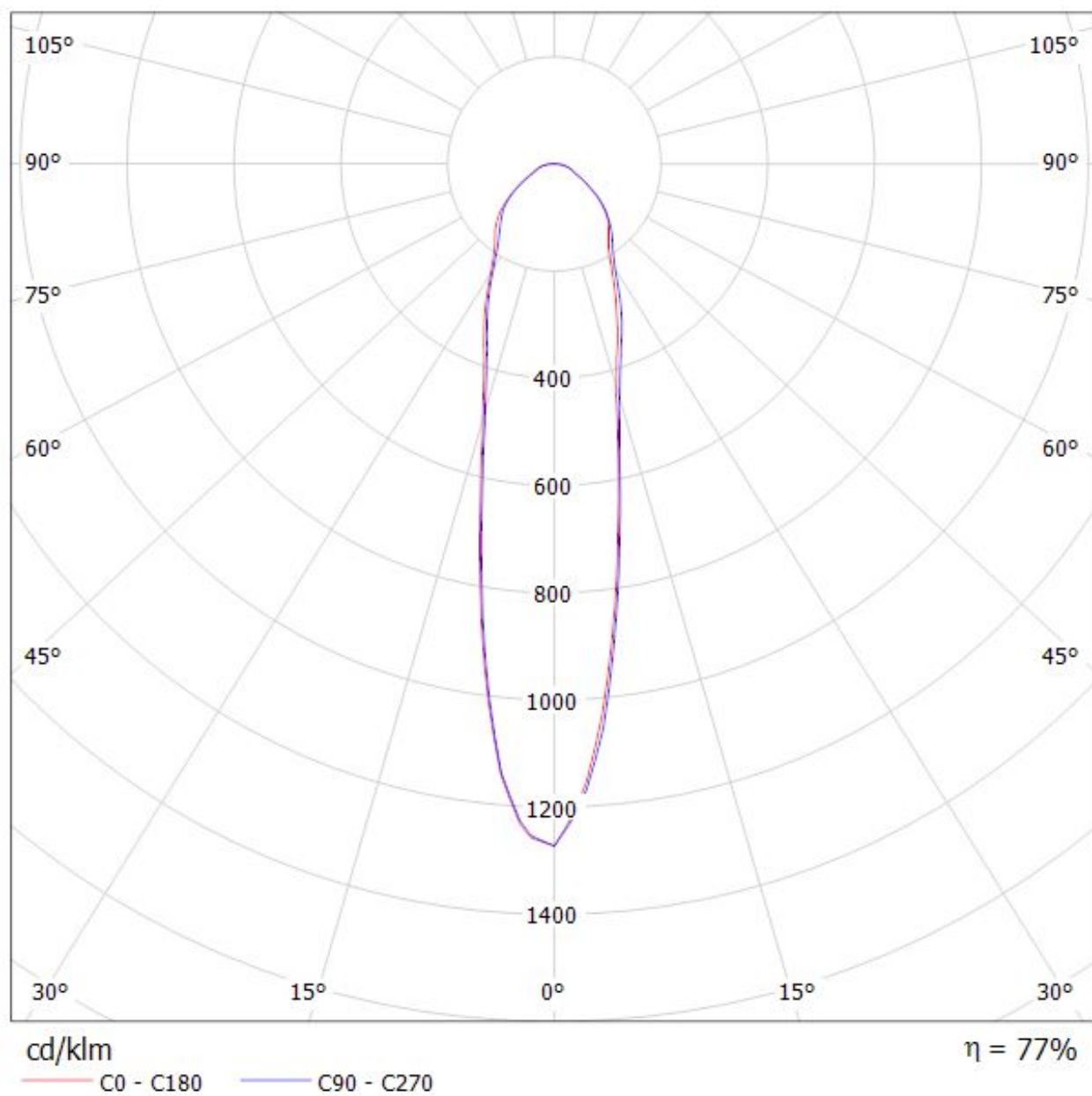


Luminaire: Ledil Oy CA13949_REBECCA-RGB_(XT-E) Efficiency=70%

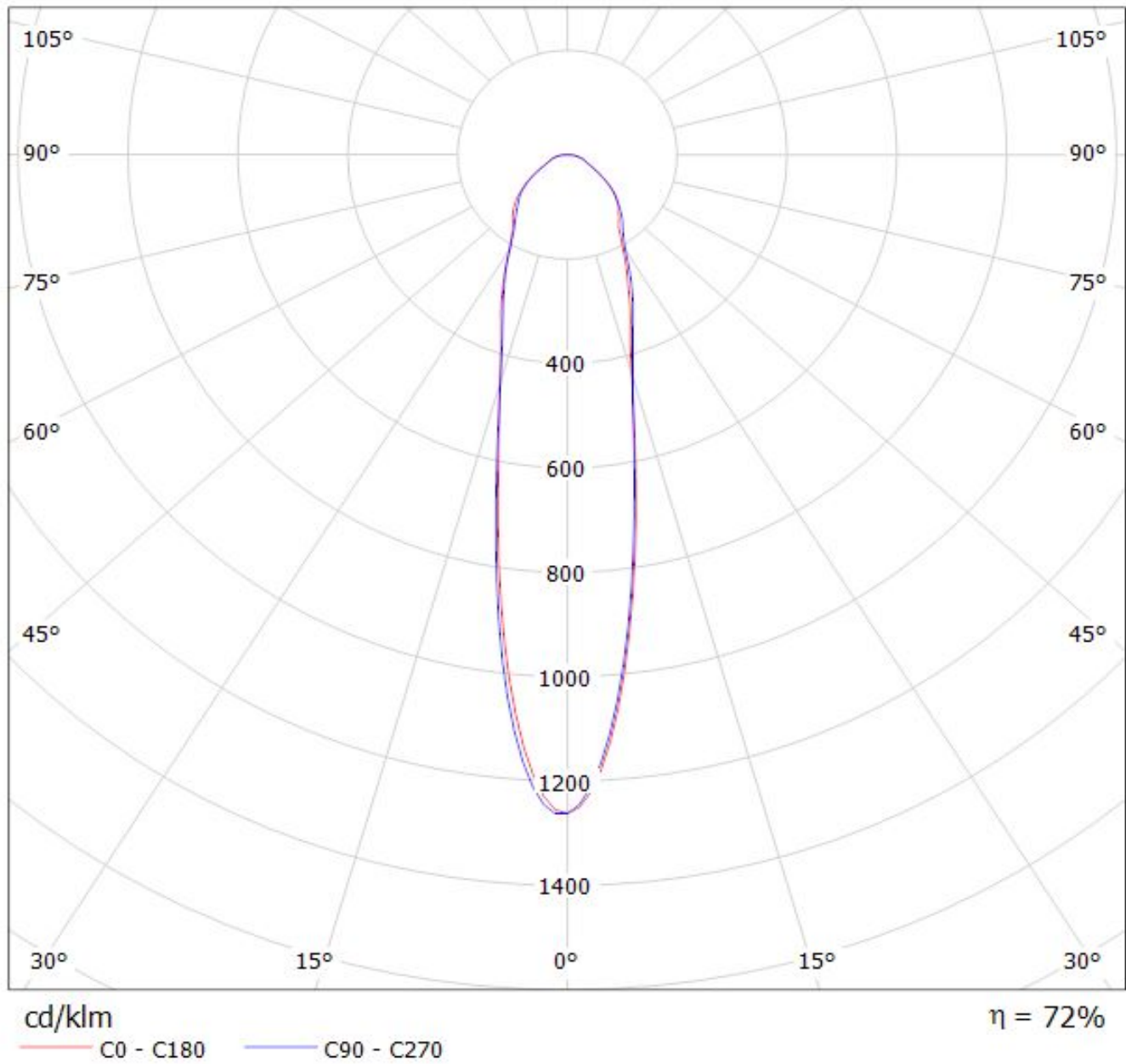
Lamps: 1 x Cree XT-E (XTEAWT-00-0000-00000HBE8) 75.6lm @ 250mA CCT=2811K P=0.77W I=250mA



Luminaire: Ledil Oy CA13949_REBECCA-RGB_(NS6x83) Efficiency=76%
Lamps: 1 x Nichia NS6x83 72lm @ 250mA CCT= P=0.78W I=250mA



Luminaire: Ledil Oy CA13949_REBECCA-RGB_(XP-L) Efficiency=71%
Lamps: 1 x Cree XP-L 127.5lm @ 250mA CCT= P=0.72W 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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: http://www.ledil.com/datasheets/DataSheet_TAPE.pdf

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.

NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.

If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.