

DETAILS

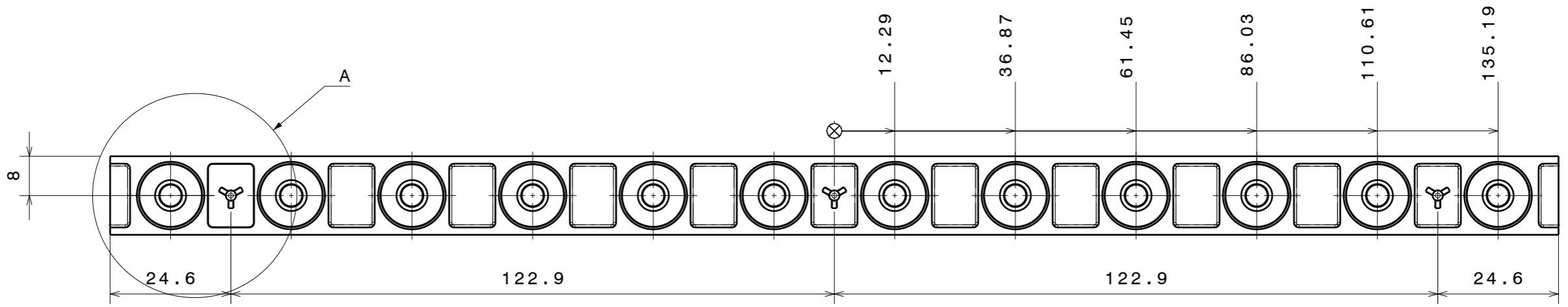
Product Number	C13871_VANESSA-B-O
Family	Vanessa
Type	Lens
Color	clear
Diameter	295x16 mm
Height	8 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	31/01/2017



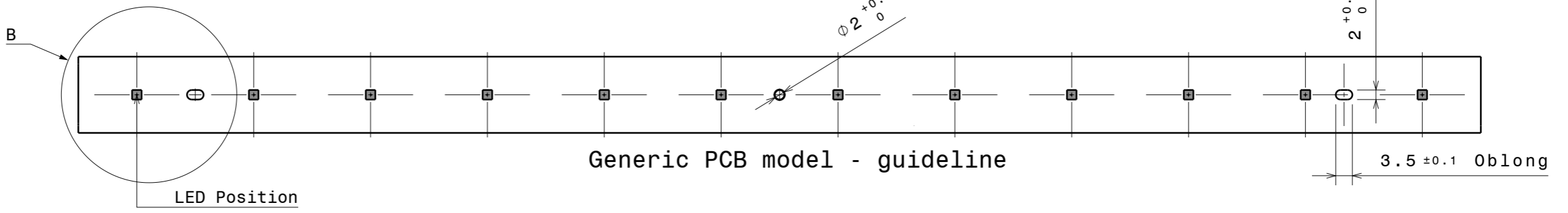
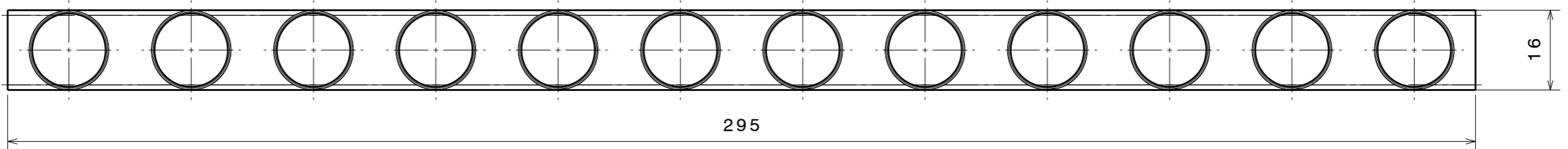
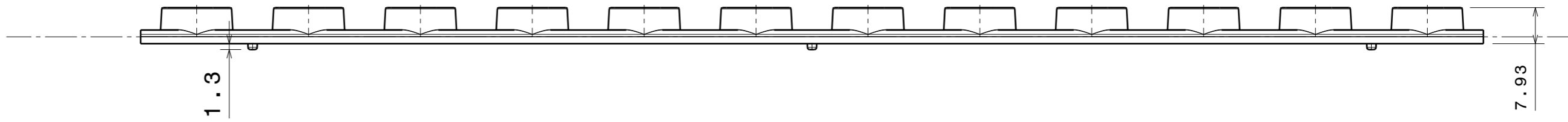
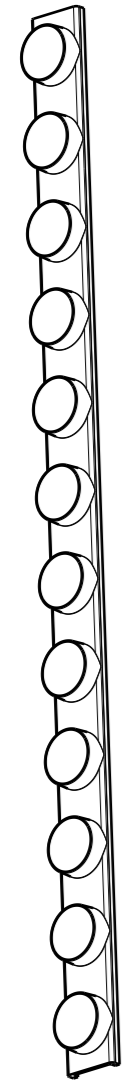
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-G	46+21 deg	Oval	87 %	1.700	-
XP-E	45+18 deg	Oval	88 %	2.100	-
XP-G2	46+21 deg	Oval	88 %	1.790	-
XB-D	sim: 50+19	Oval	sim: 83 %	sim: 1.900	-
LUXEON Rebel ES	45+21 deg	Oval	89 %	1.800	-
Oslon Square EC	45+20 deg	Oval	90 %	1.780	-

H G F E D C B A



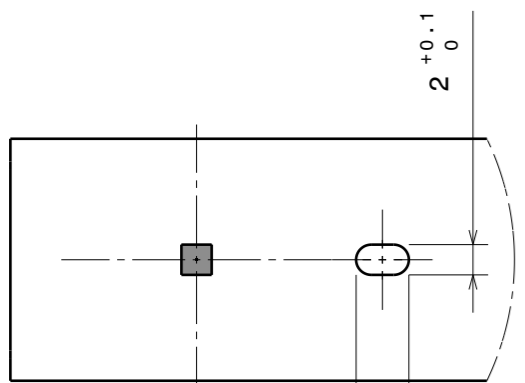
Isometric view
Scale: 1:2



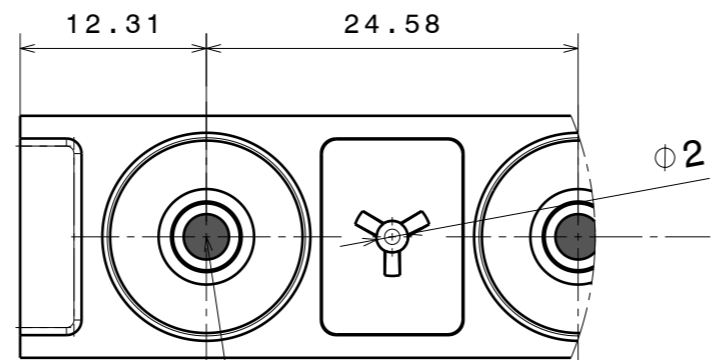
Generic PCB model - guideline

LED Position

3.5 ± 0.1 Oblong



Detail B
Scale: 2:1



Detail A
Scale: 2:1

LED position

Tolerances if not otherwise shown
Linear measures: class C
according to DIN ISO 2768-1
Form and position: class L
according to DIN ISO 2768-2

THIRD ANGLE PROJECTION:

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INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	Datasheet	VANESSA	PMMA	Clear

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet_VANESSA

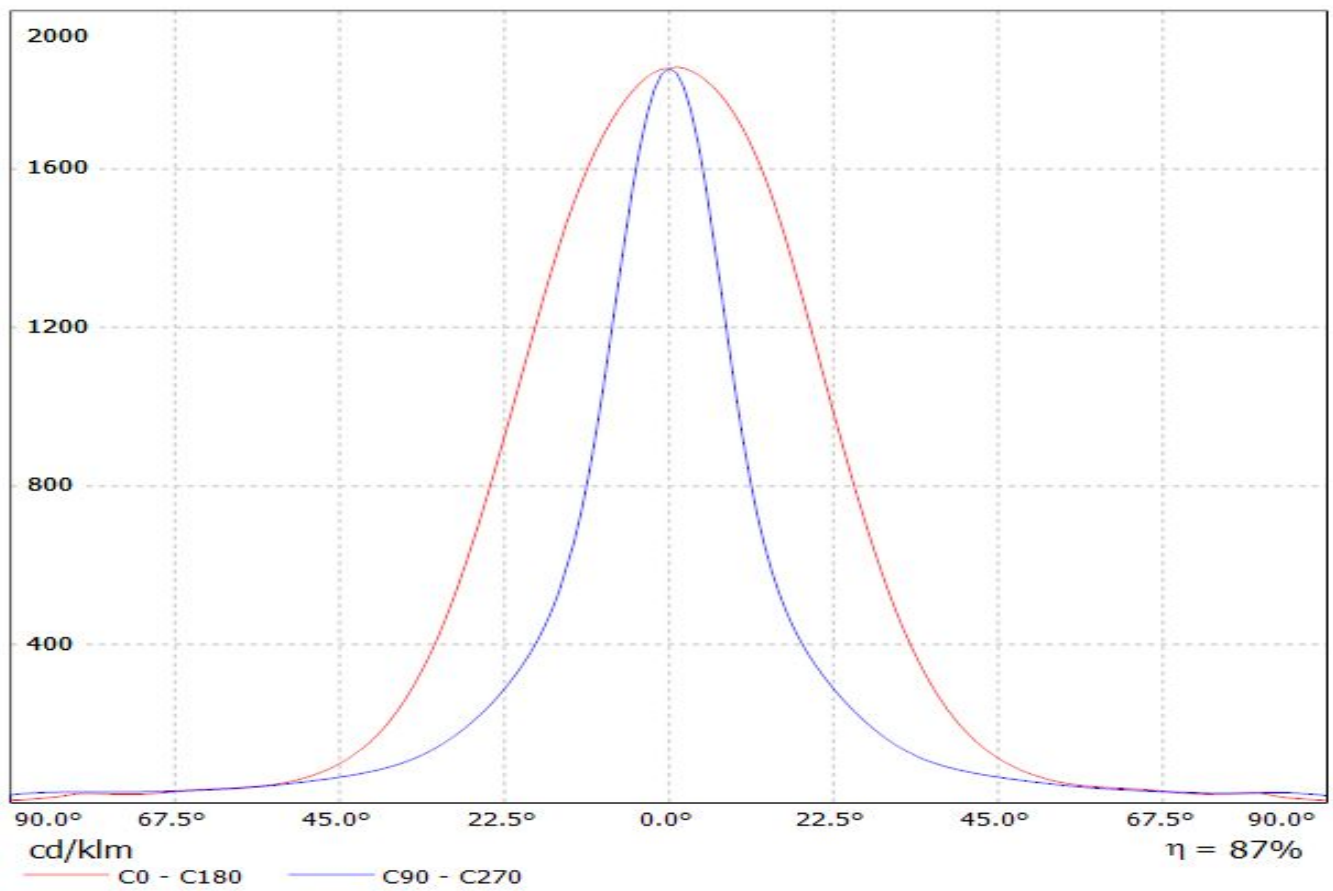
SIZE PART NUMBER
A3 -

SCALE 1:1 WEIGHT (g) SHEET 1/1

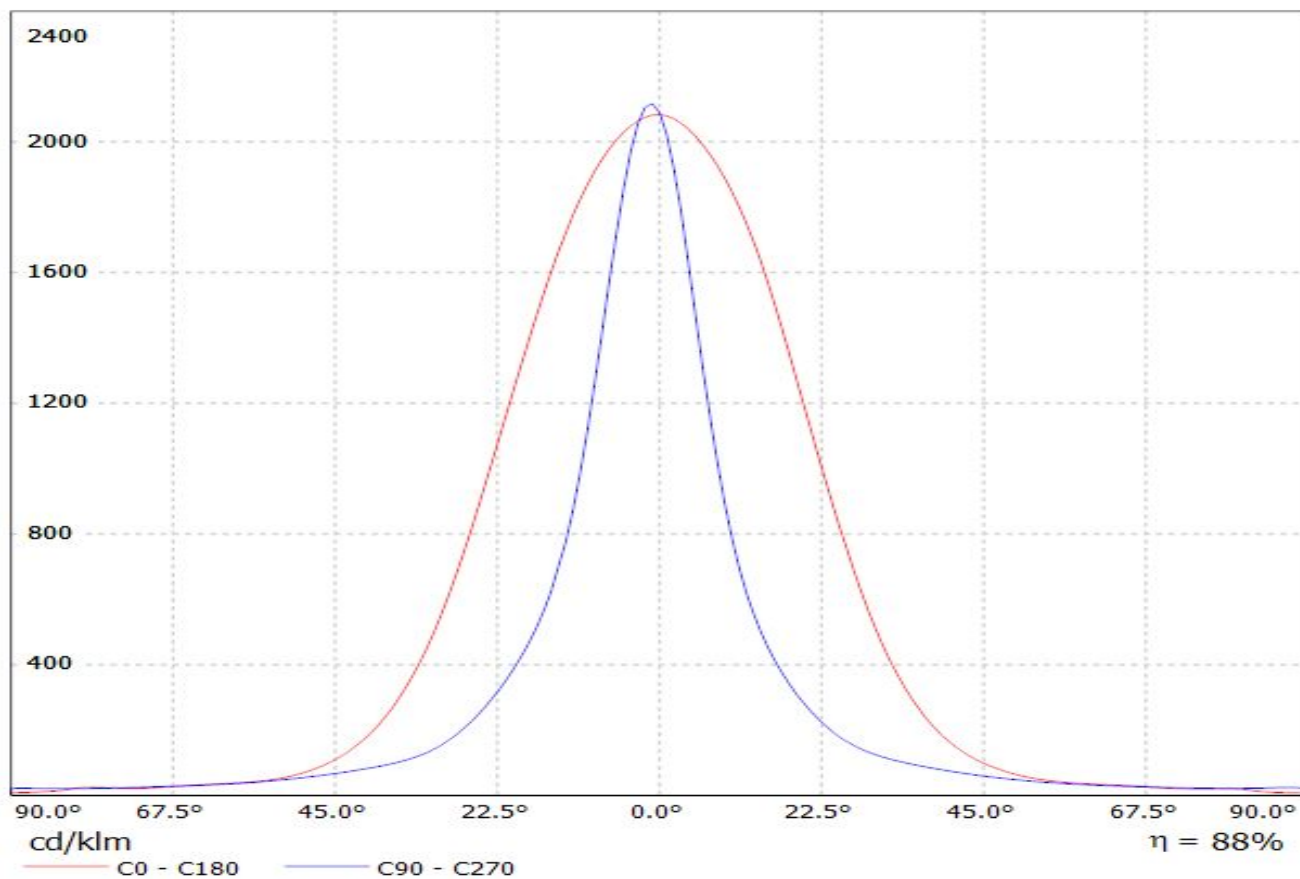
H G B A

Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-G)

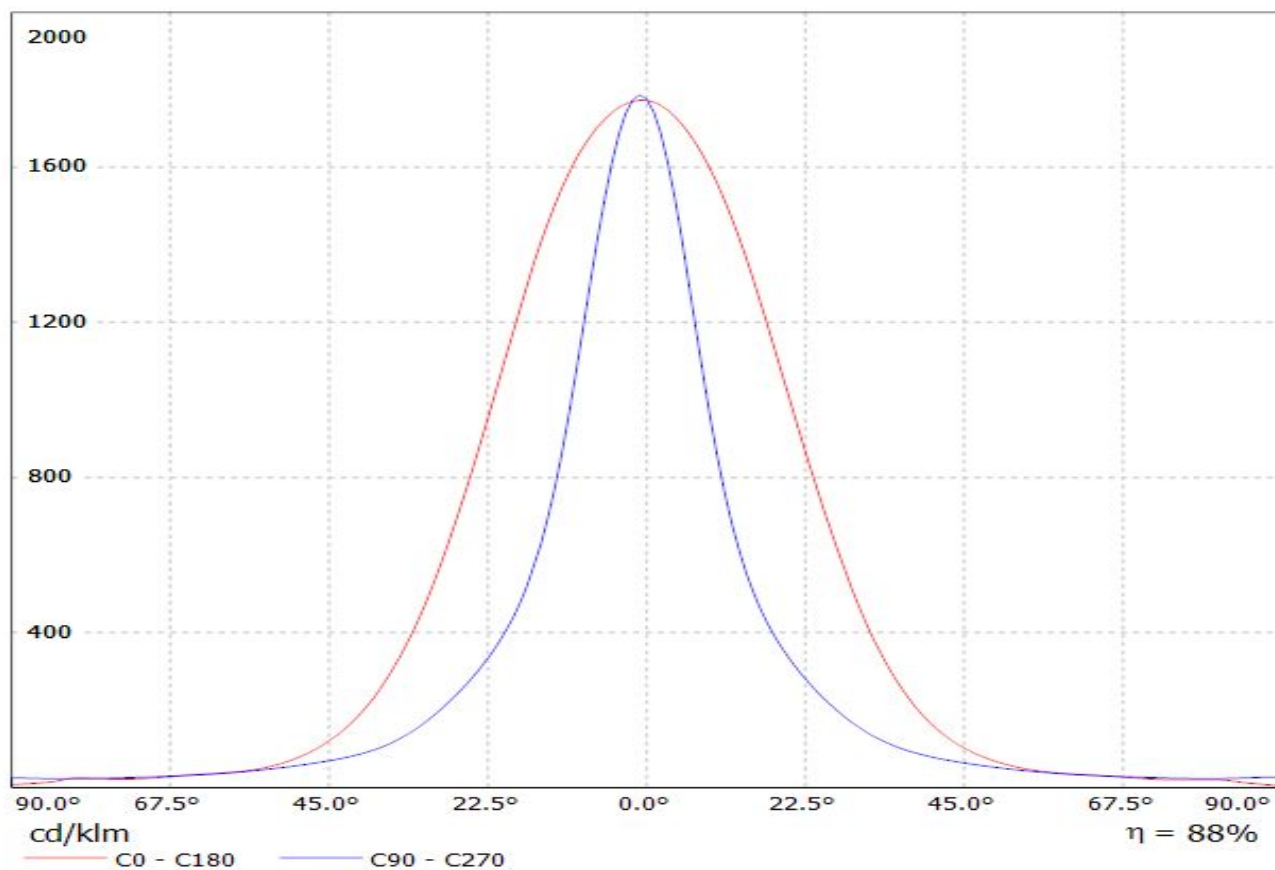
Lamps: 1 x CREE_XP-G_(XPGWHT-L1-4C0-R5-0-09)_1113.14lm@250mA_P=8.48621W_I=249.8mA



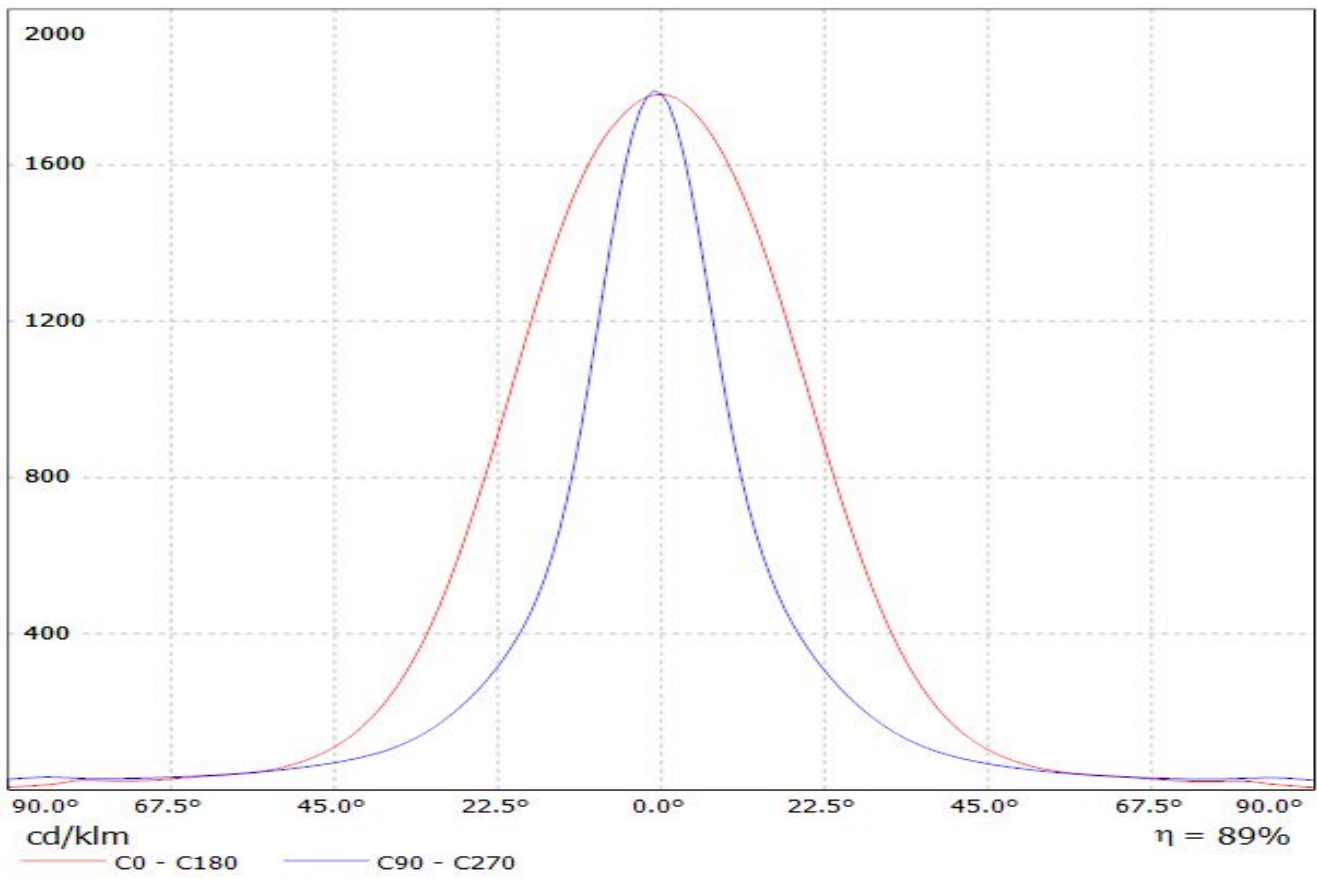
Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-E)
Lamps: 1 x CREE_XP-E_12x1 910lm@250mA



Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-G2)
Lamps: 1 x CREE_XP-G2_12x1_1174.06@250mA_P=8.65107_I=249.8mA

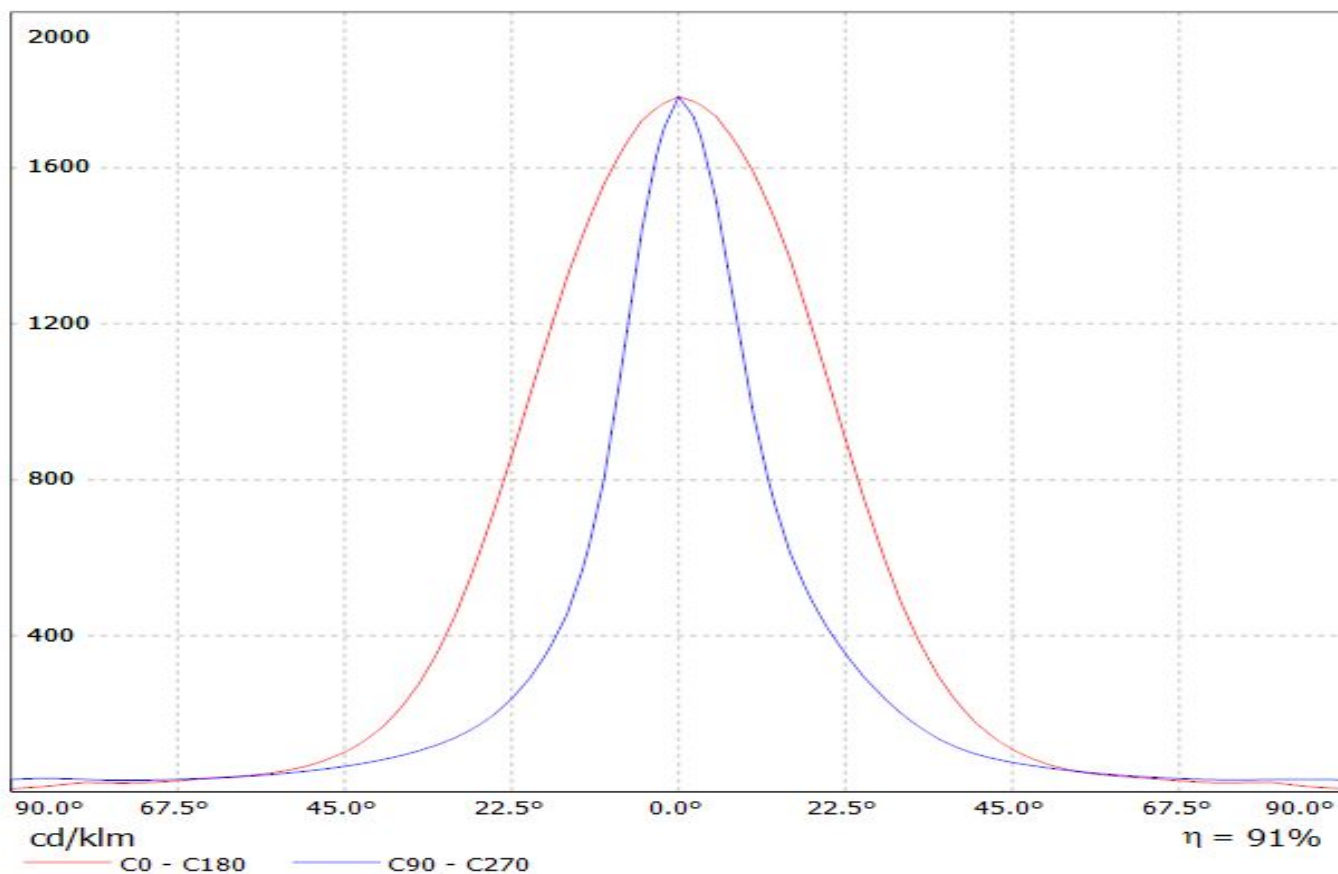


Luminaire: LEDiL Oy C13871_VANESSA-B-O_(REBEL-ES)
Lamps: 1 x REBEL-ES_12x1_811@250mA_P=9.07798W_I=249.8mA



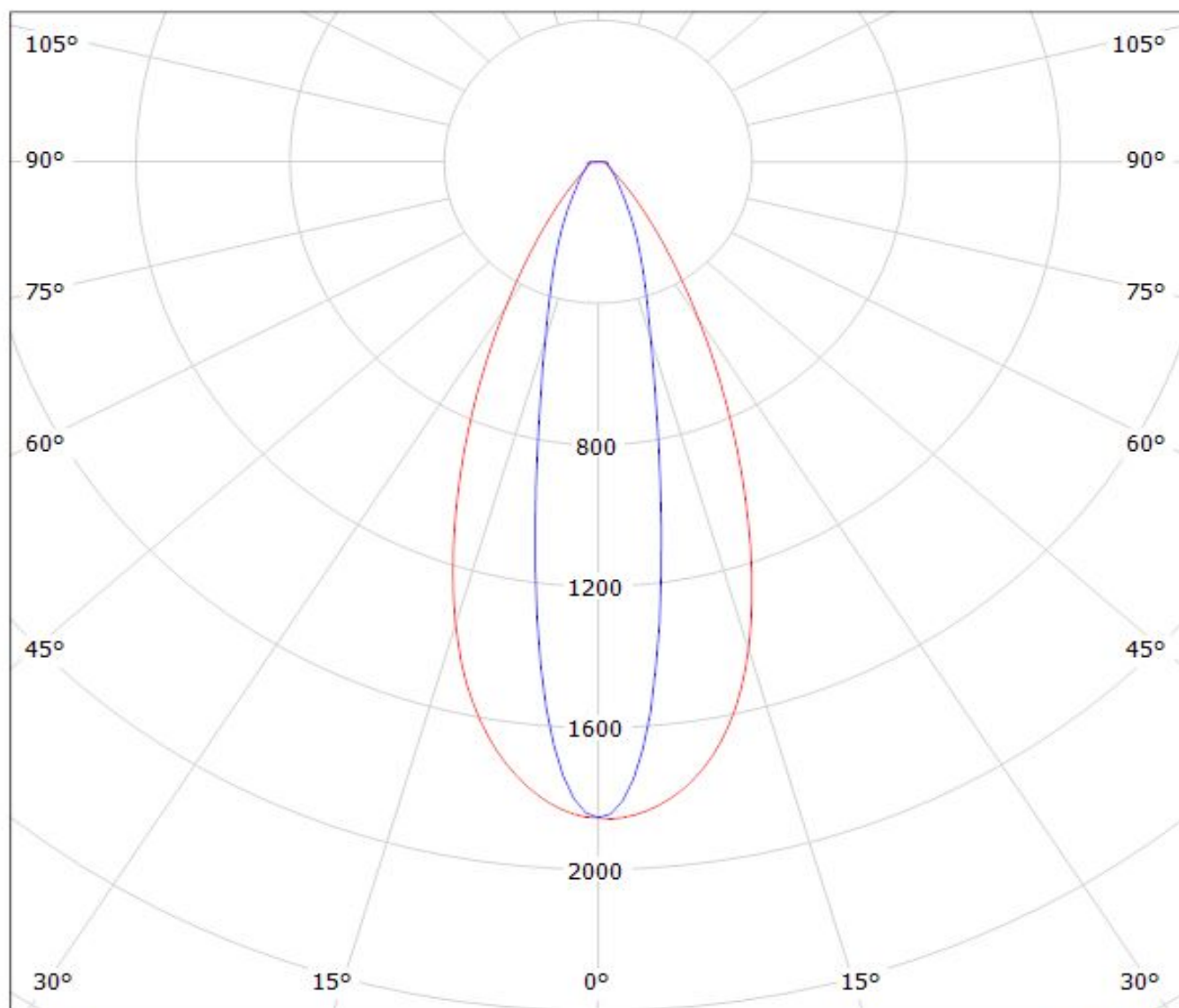
Luminaire: LEDiL Oy C13871_VANESSA-B-O (SQ-EC)

Lamps: 1 x Osram_Square_EC_962.49lm@250mA_P=8.83543W_I=249.8mA



Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-G)

Lamps: 1 x CREE_XP-G_(XPGWHT-L1-4C0-R5-0-09)_1113.14lm@250mA_P=8.48621W_I=249.8mA

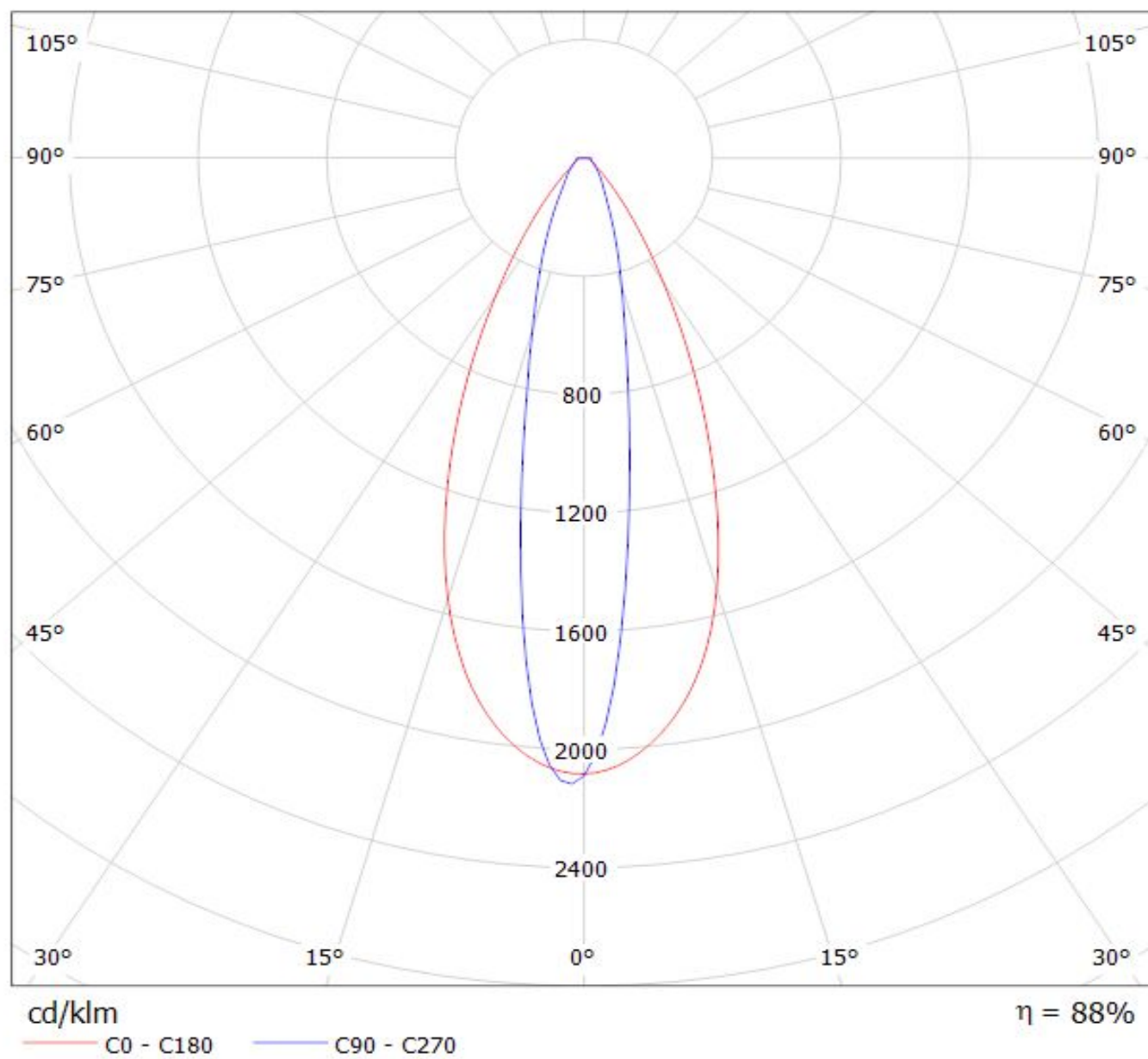


cd/klm

— C0 - C180 — C90 - C270

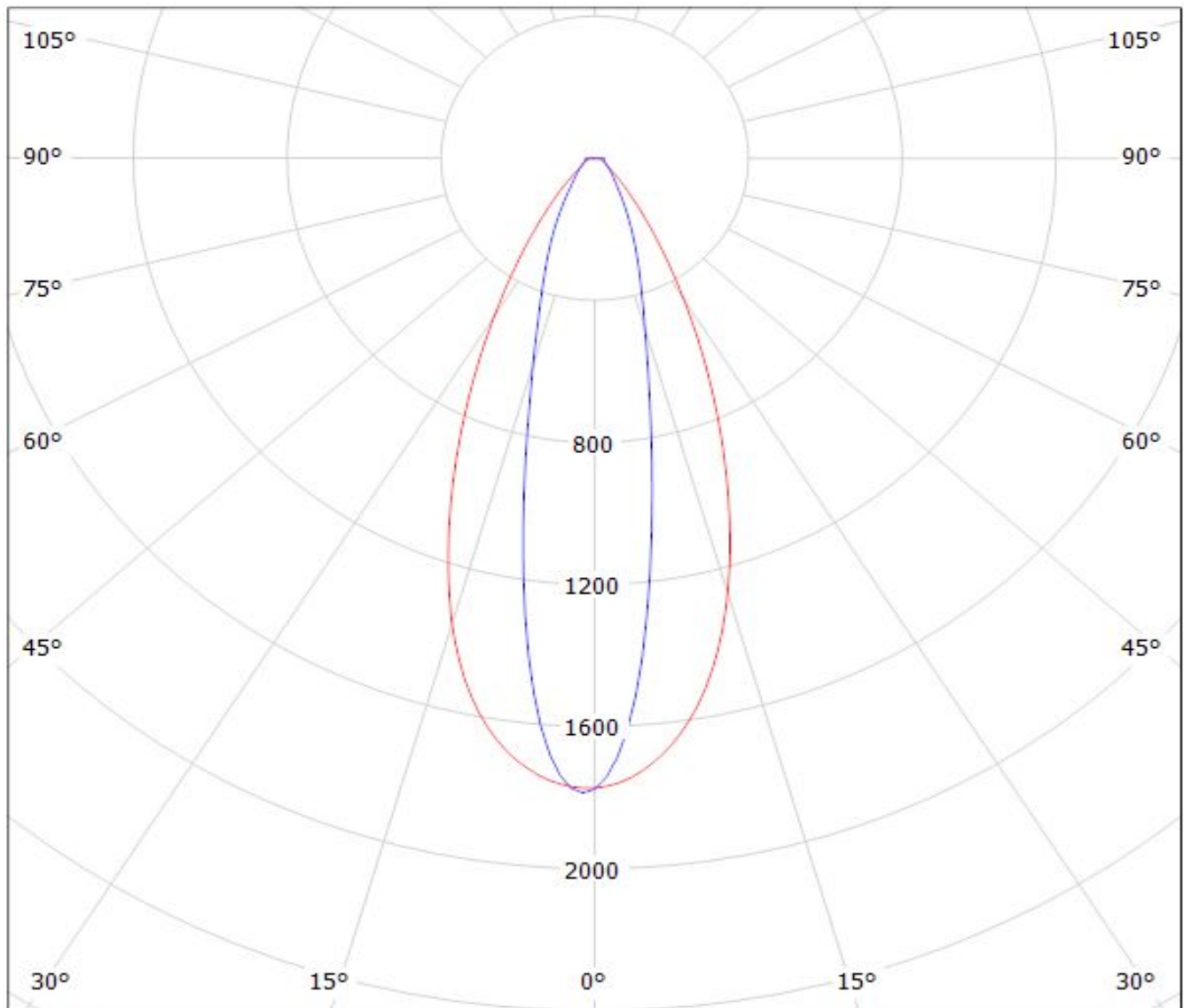
$\eta = 87\%$

Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-E)
Lamps: 1 x CREE_XP-E_12x1 910lm@250mA



Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-G2)

Lamps: 1 x CREE_XP-G2_12x1_1174.06@250mA_P=8.65107_I=249.8mA



cd/klm

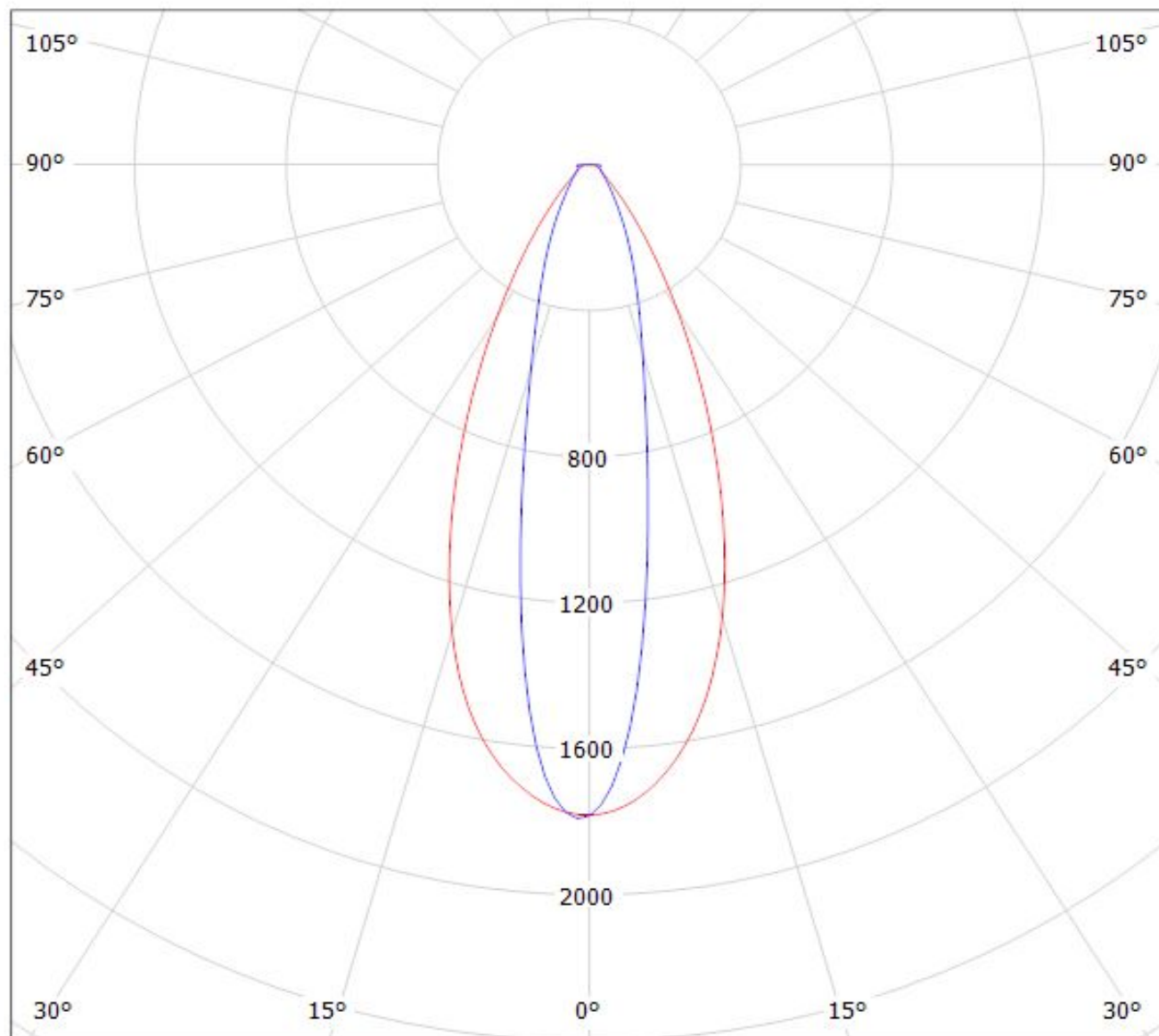
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy C13871_VANESSA-B-O_(REBEL-ES)

Lamps: 1 x REBEL-ES_12x1_811@250mA_P=9.07798W_I=249.8mA



cd/klm

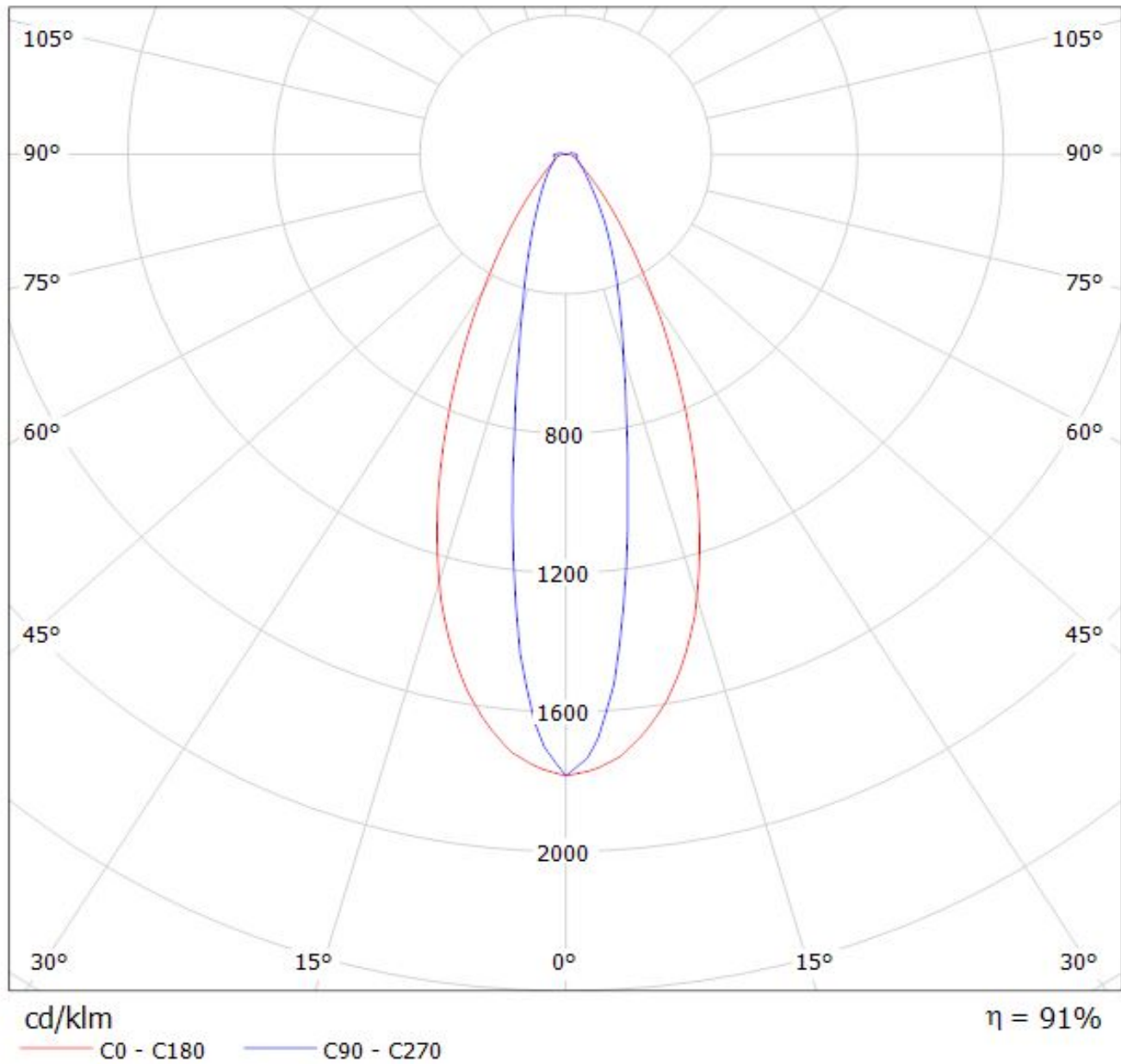
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy C13871_VANESSA-B-O_(SQ-EC)

Lamps: 1 x Osram_Square_EC_962.49lm@250mA_P=8.83543W_I=249.8mA



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.