

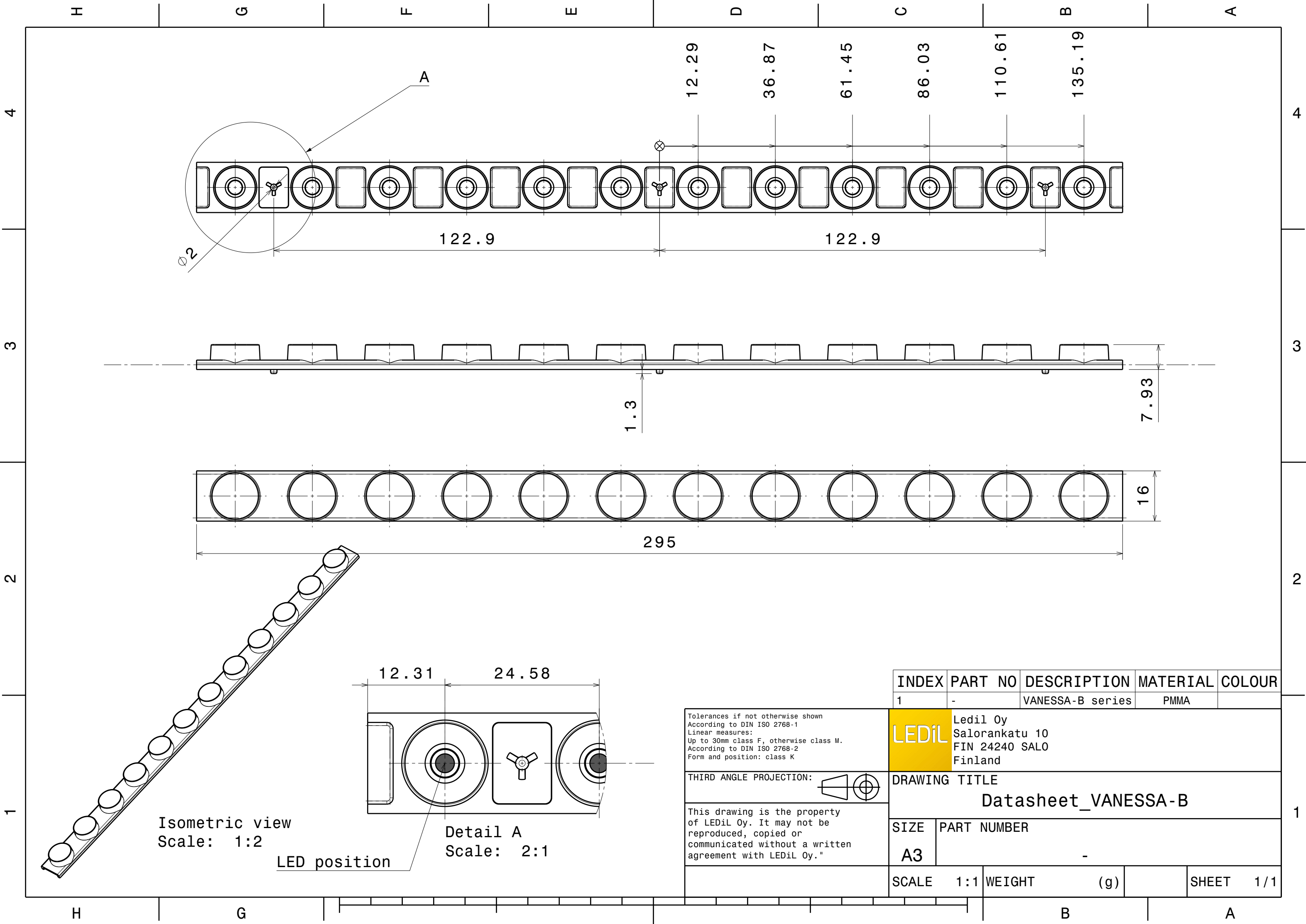
DETAILS

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	10/05/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
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	-



Isometric view
Scale: 1:2

LED position

Detail A
Scale: 2:1

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.
According to DIN ISO 2768-2
Form and position: class K

THIRD ANGLE PROJECTION:

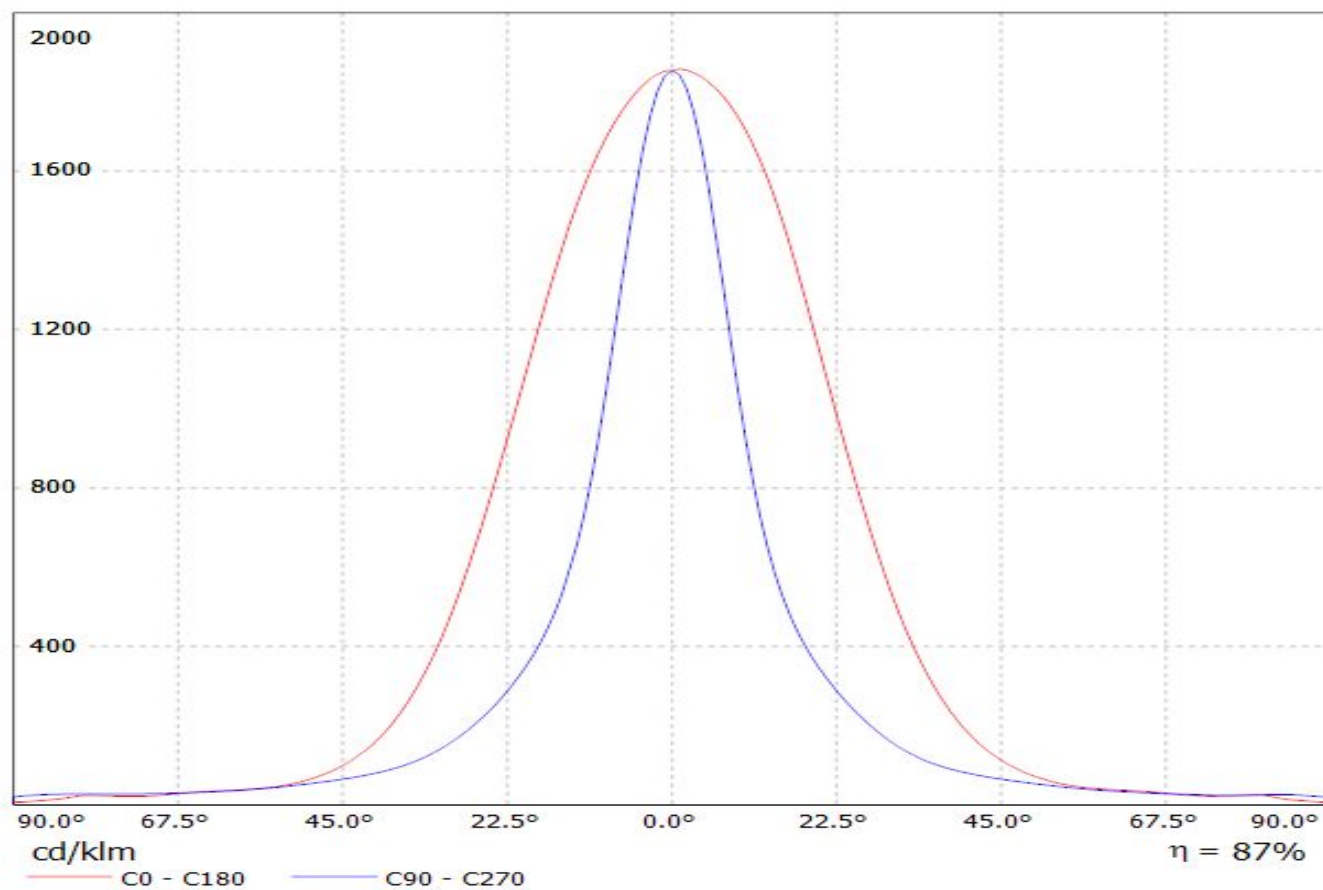


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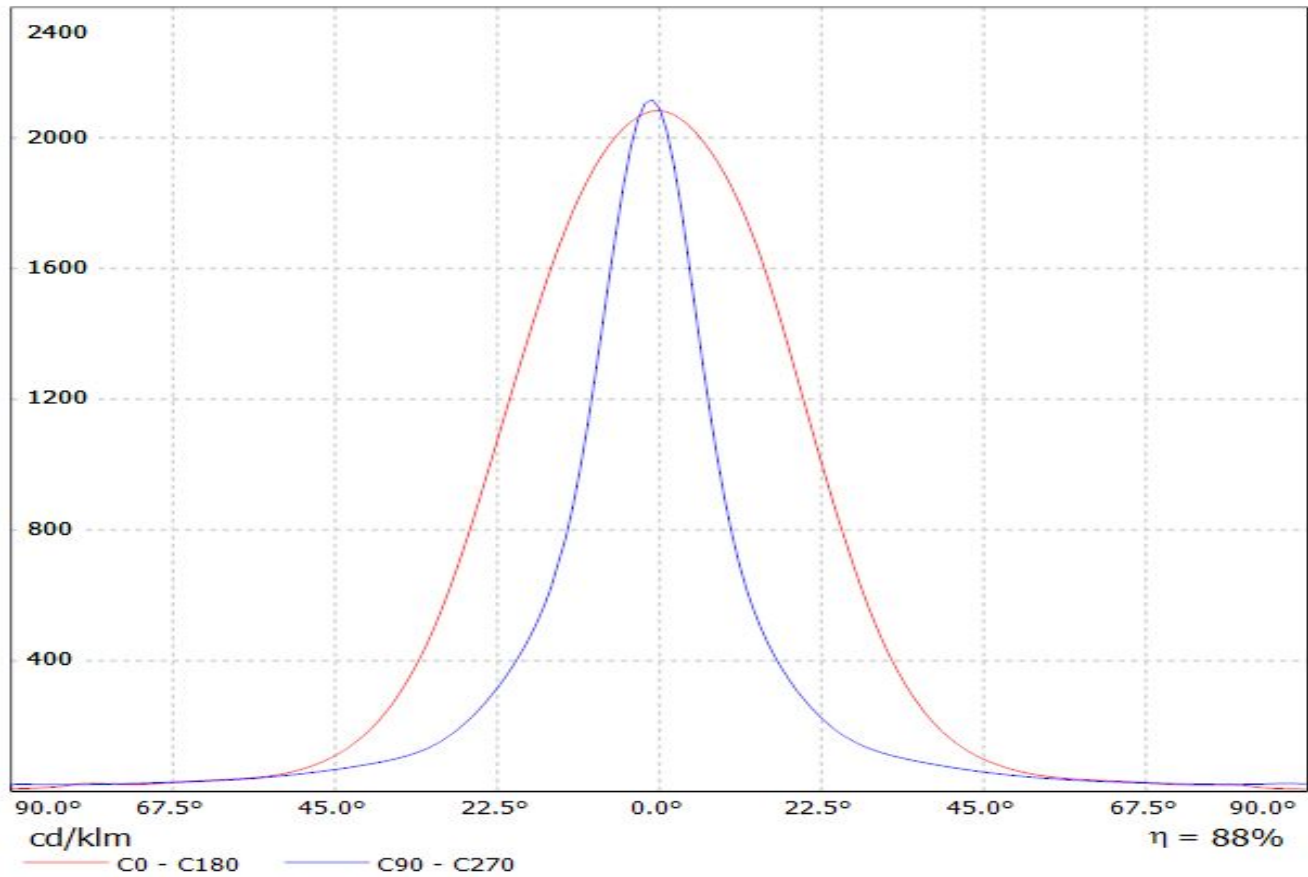
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	VANESSA-B series	PMMA	
LEDiL	Ledil Oy			
	Salorankatu 10			
	FIN 24240 SALO			
	Finland			
DRAWING TITLE				
Datasheet_VANESSA-B				
SIZE	PART NUMBER			
A3	-			
SCALE	1 : 1	WEIGHT	(g)	SHEET 1 / 1

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

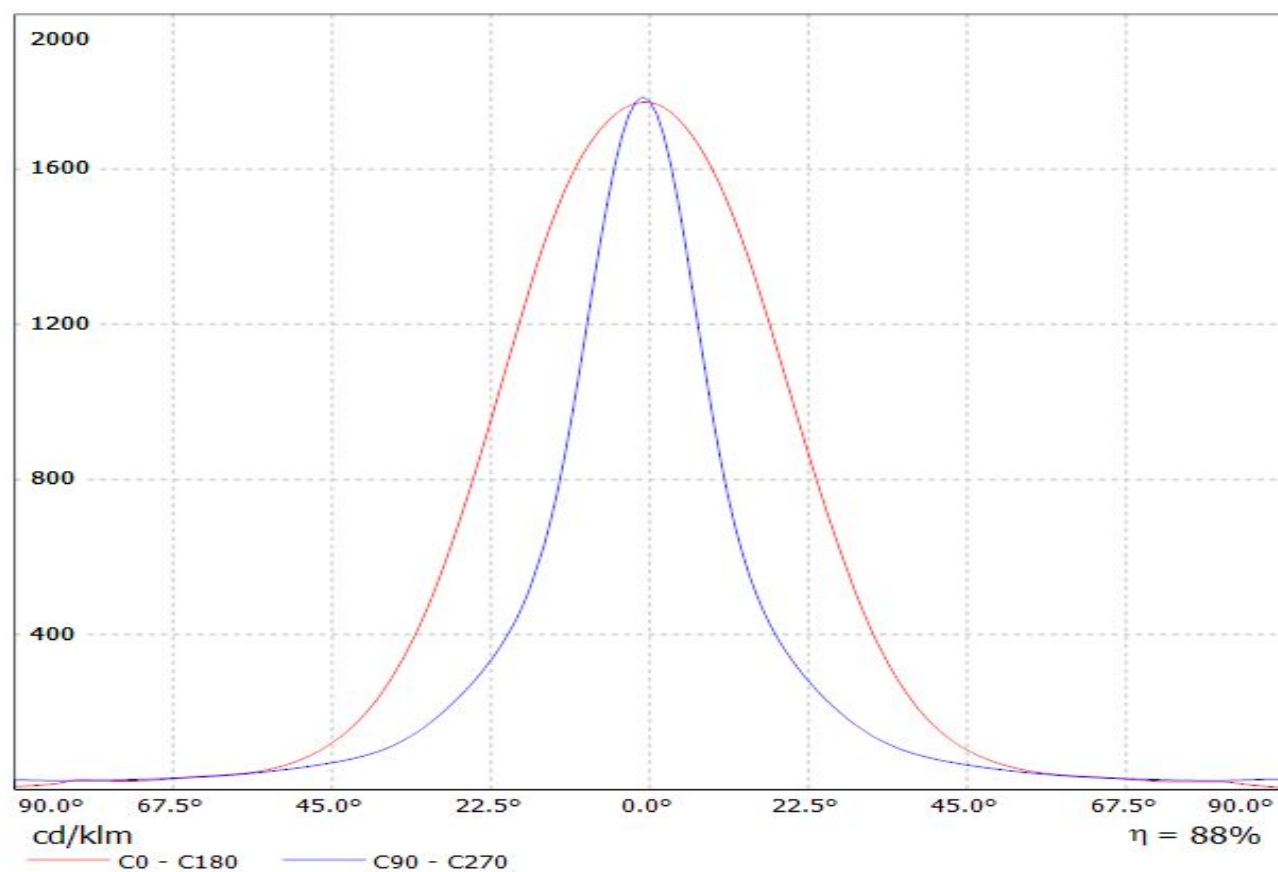
Lamps: 1 x CREE_XP-G_(XPGWHT-L1-4C0-R5-0-09)_1113.14lm@250mA_P=8.48621W_I=249.8mA



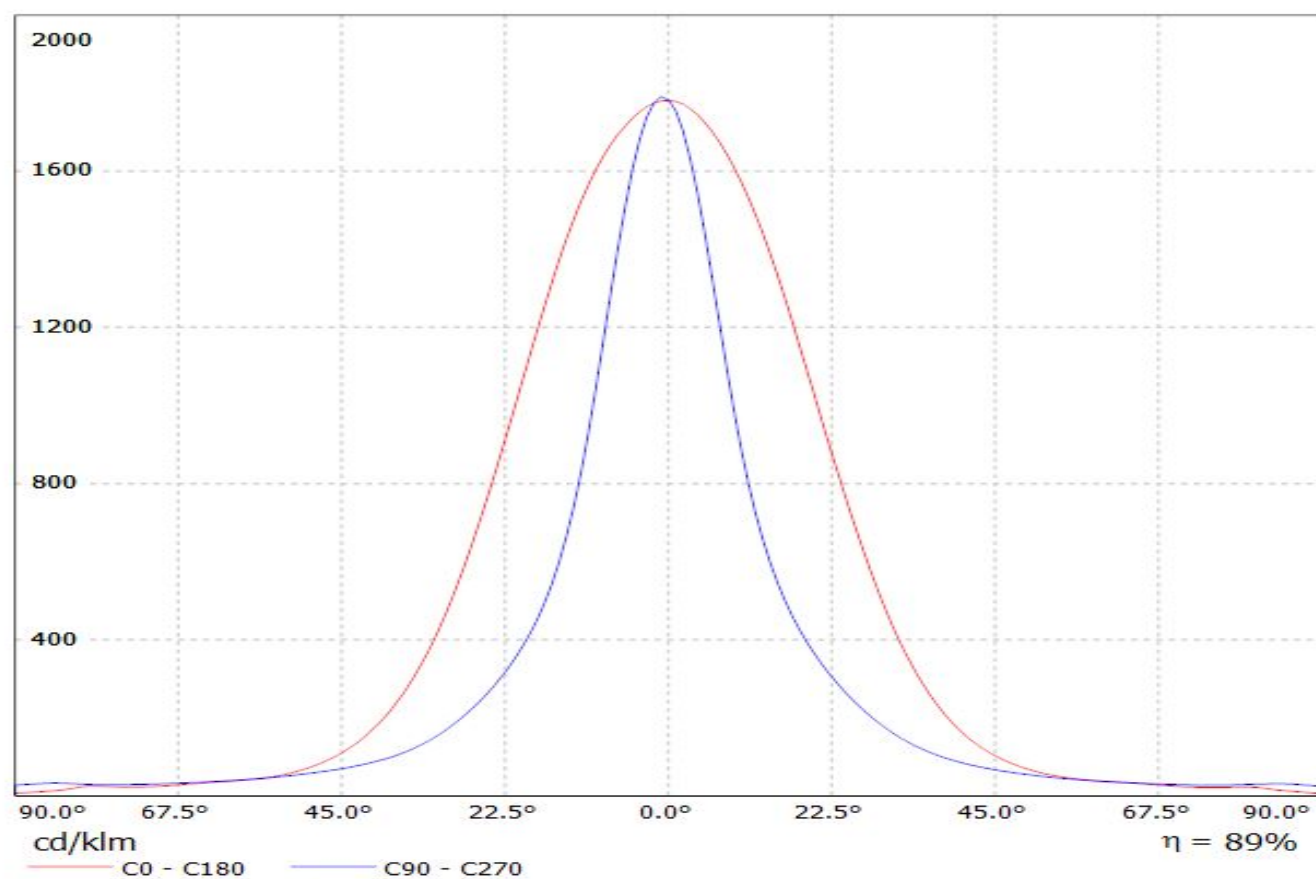
Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-E)
Lamps: 1 x CREE_XP-E_12x1 910lm@250mA



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

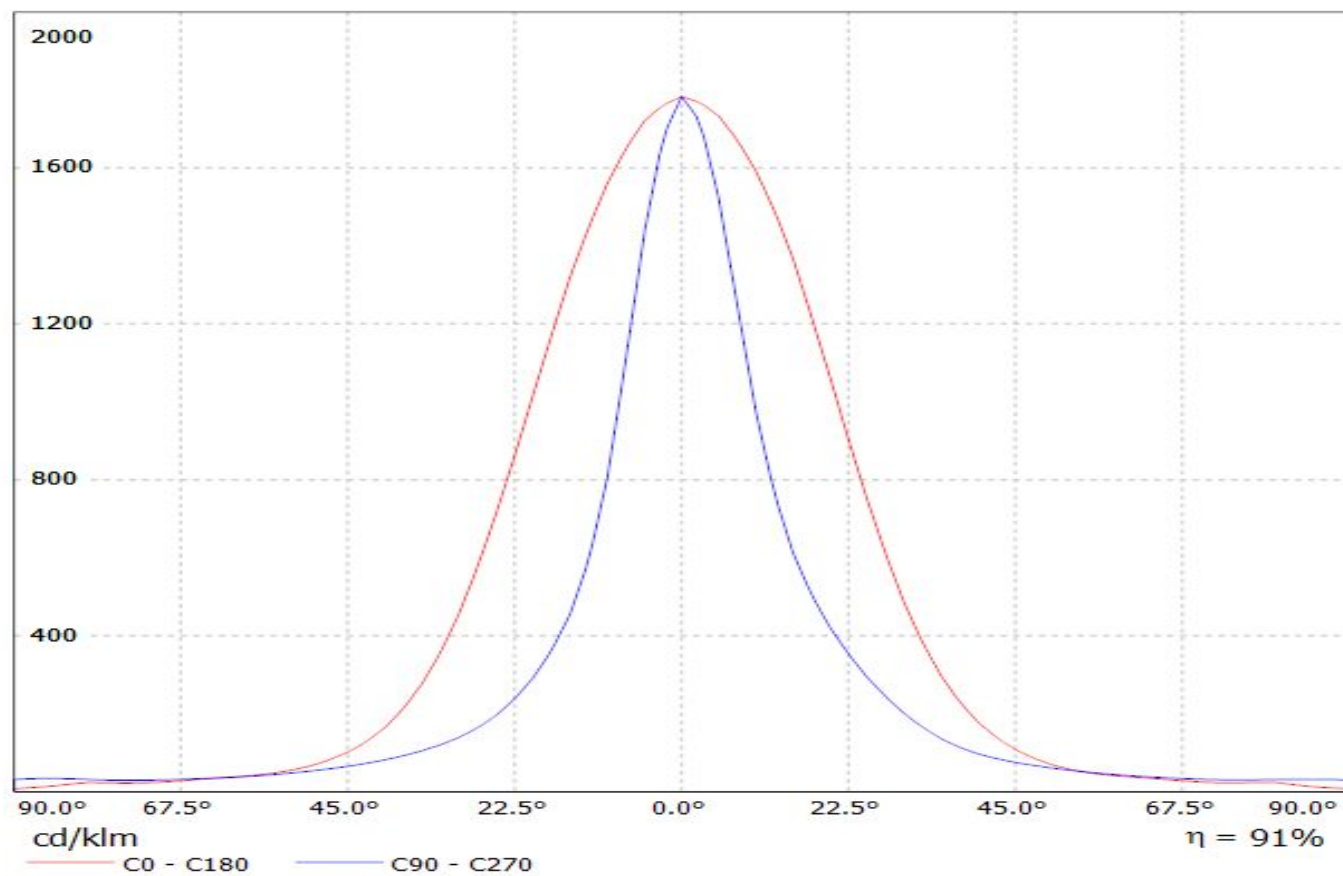


Luminaire: LEDiL Oy C13871_VANESSA-B-O_(REBEL-ES)
Lamps: 1 x REBEL-ES_12x1_811@250mA_P=9.07798W_I=249.8mA



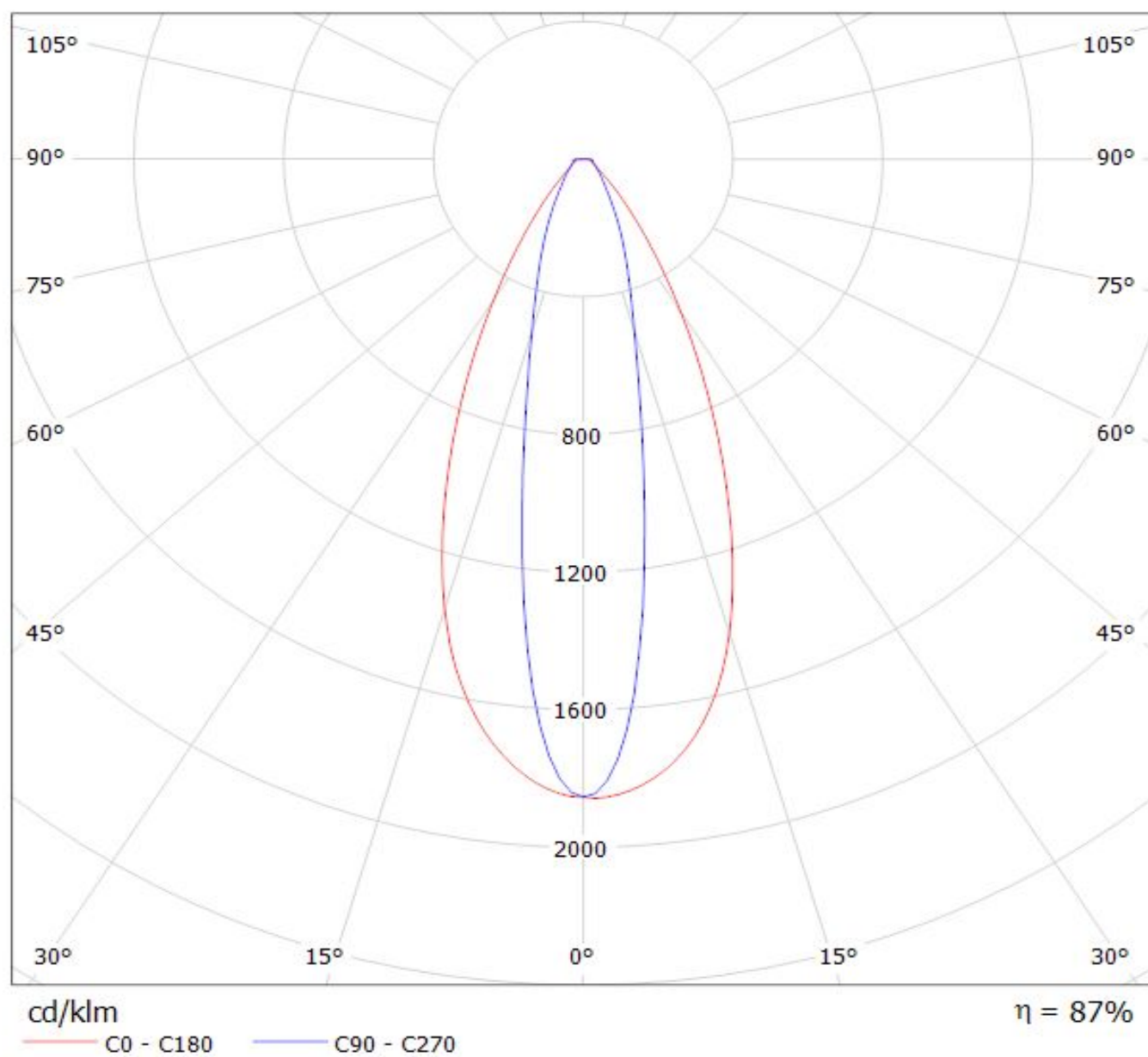
Luminaire: LEDiL Oy C13871_VANESSA-B-O_(SQ-EC)

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

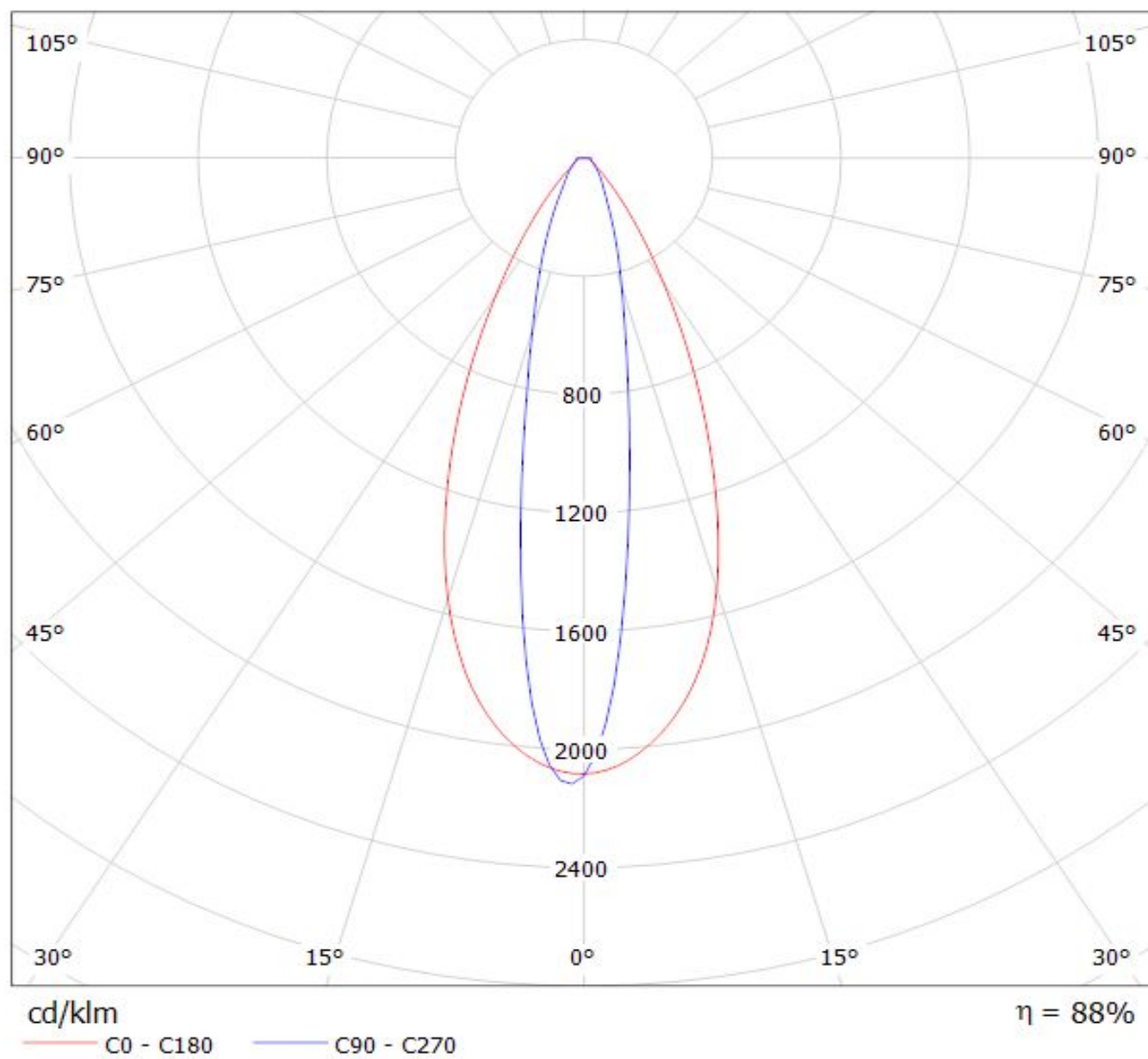


Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-G)

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

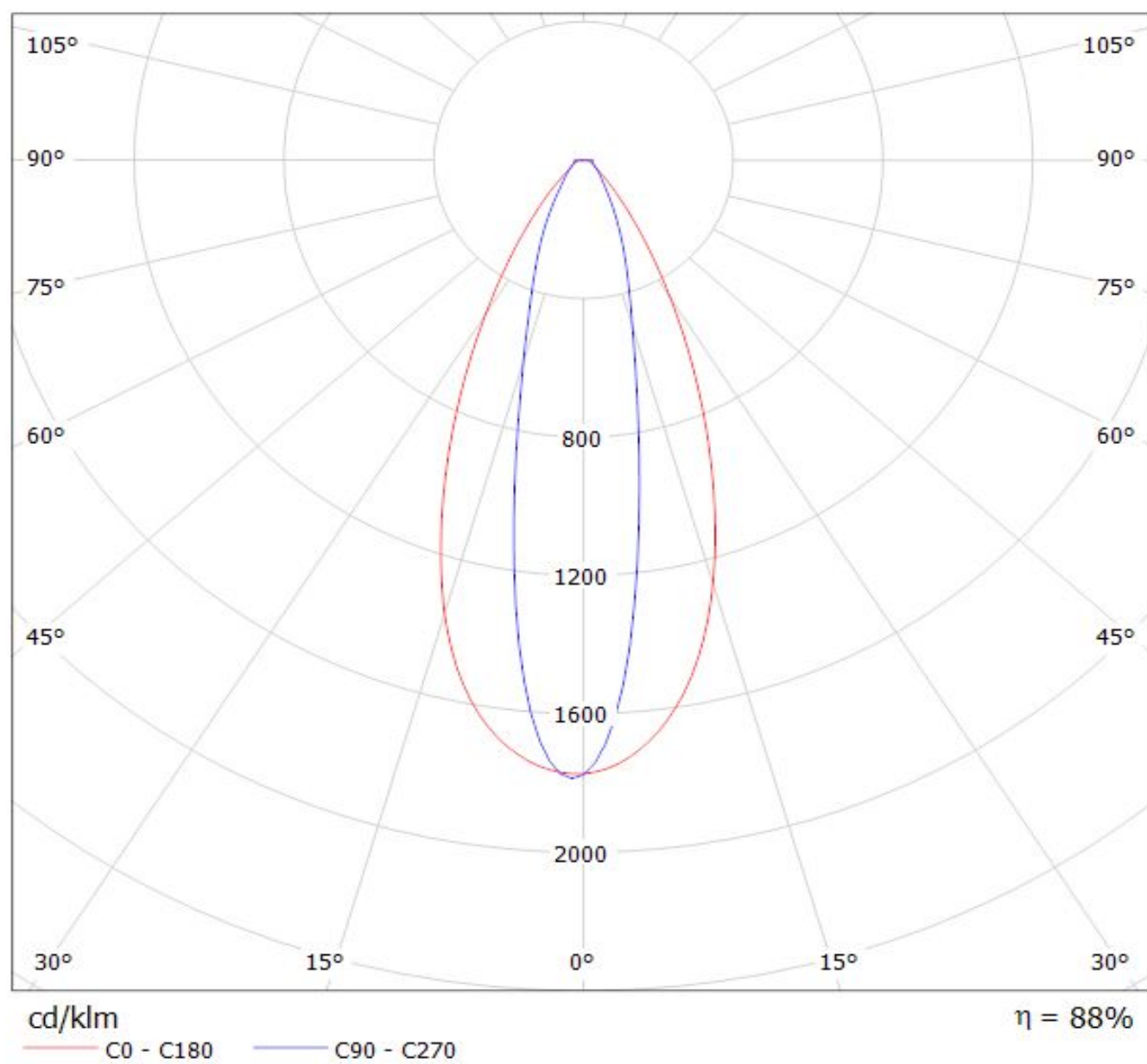


Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-E)
Lamps: 1 x CREE_XP-E_12x1 910lm@250mA



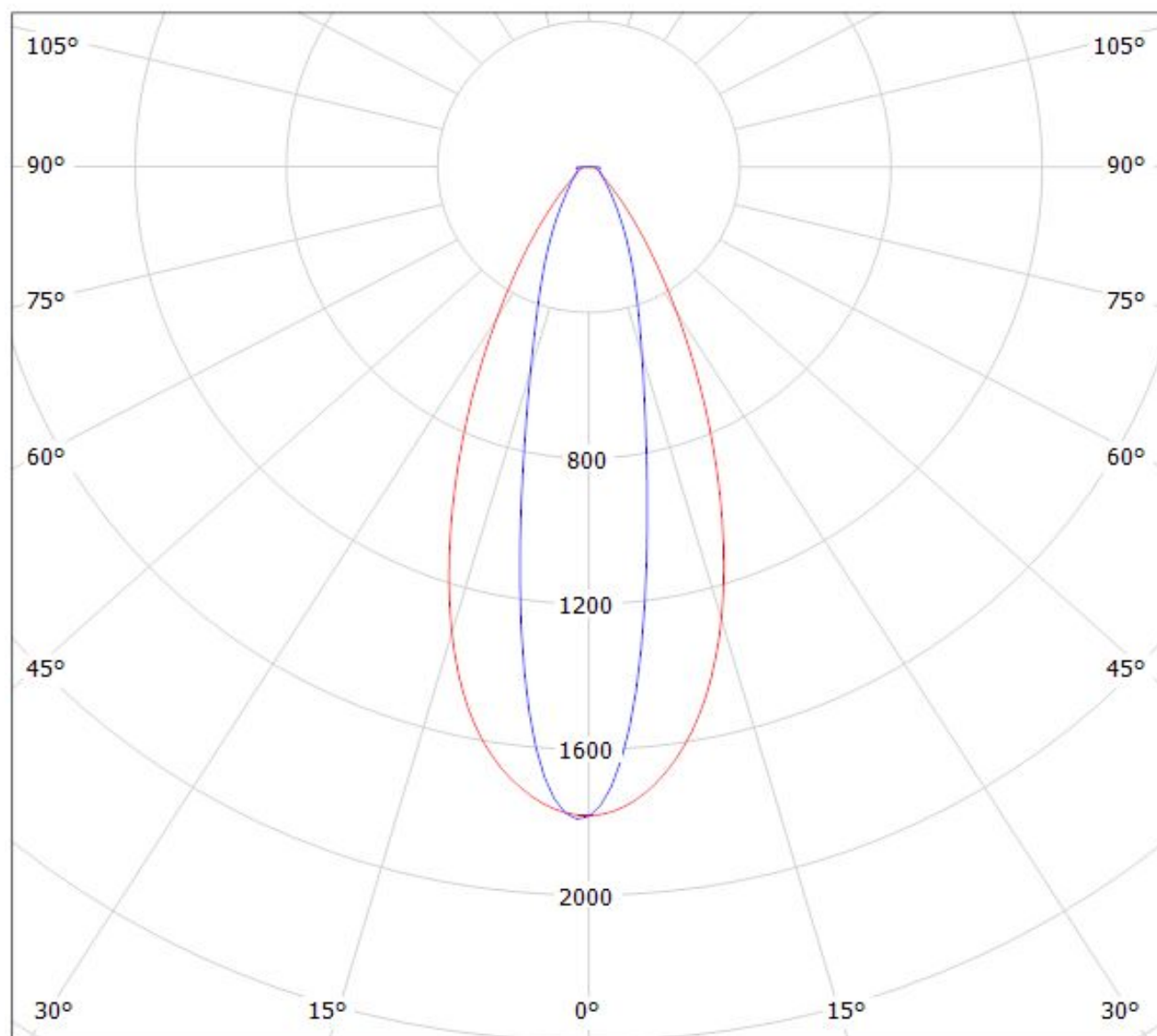
Luminaire: LEDiL Oy C13871_VANESSA-B-O_(XP-G2)

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



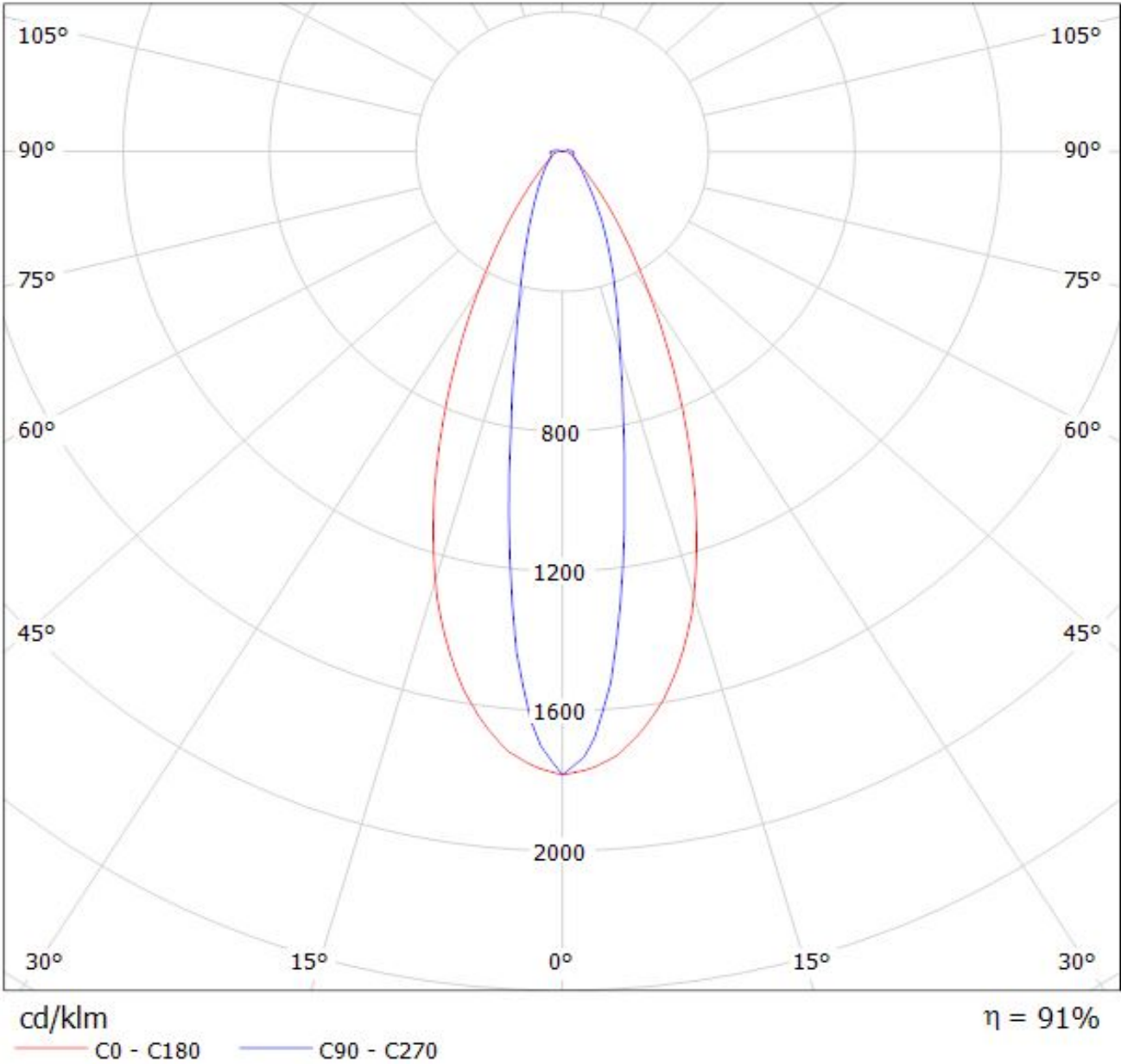
cd/klm

— 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.