

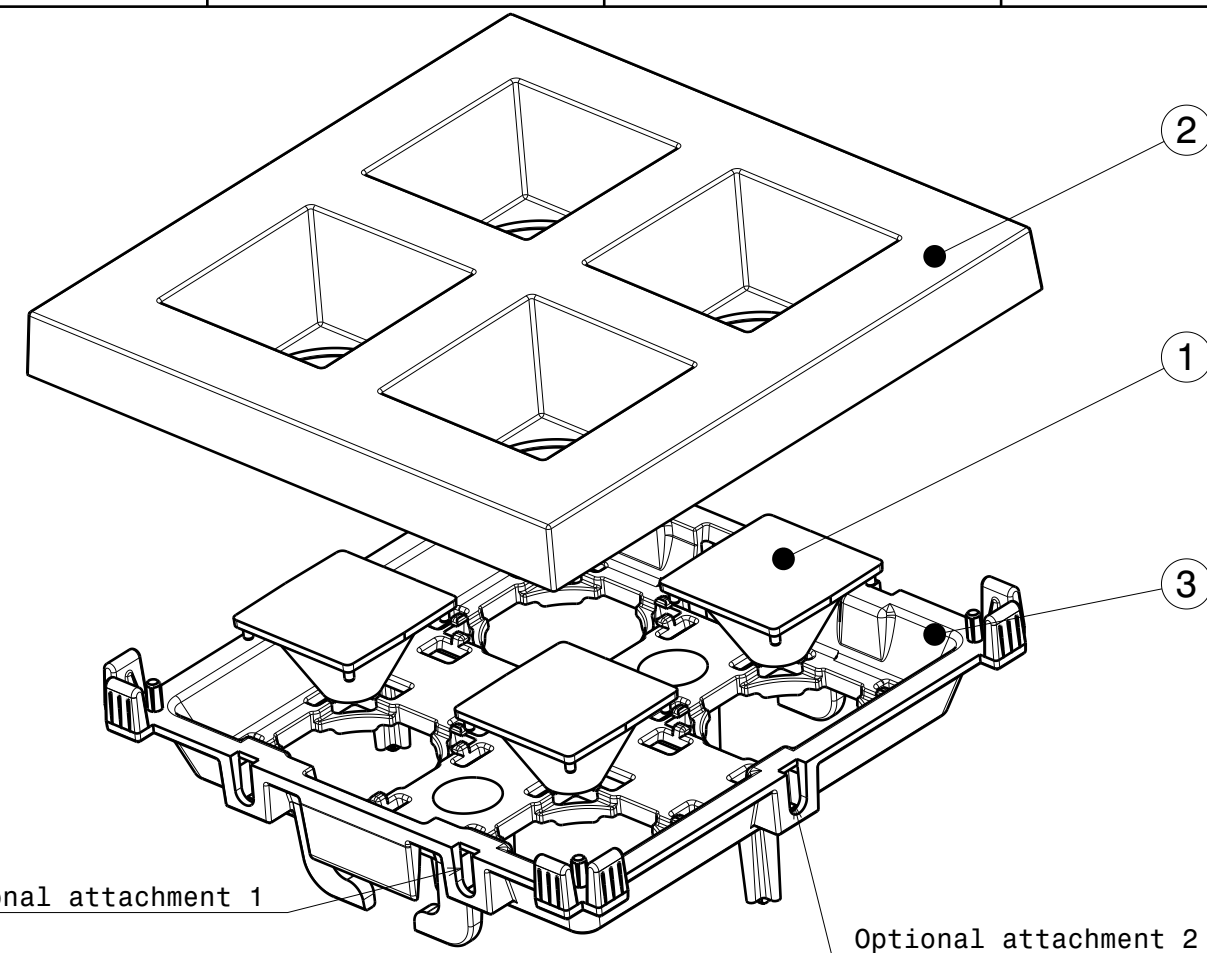
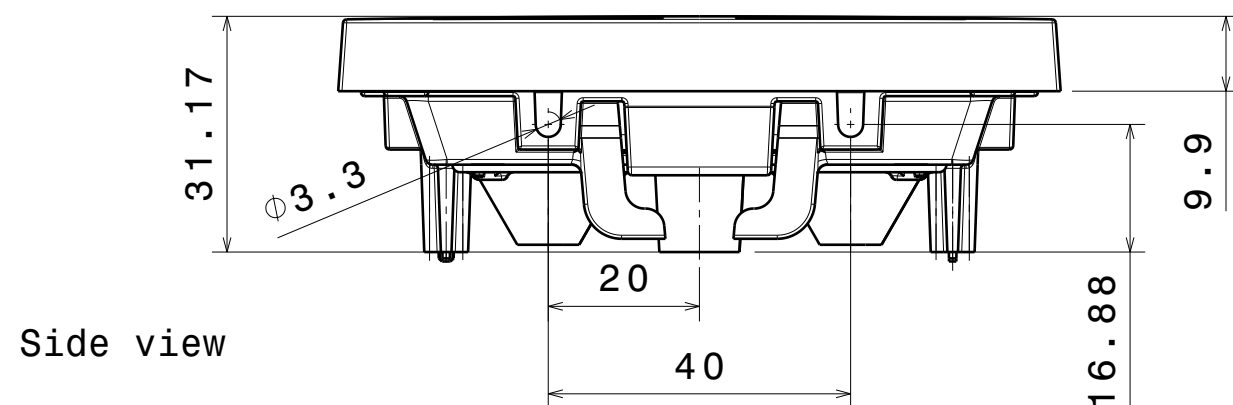
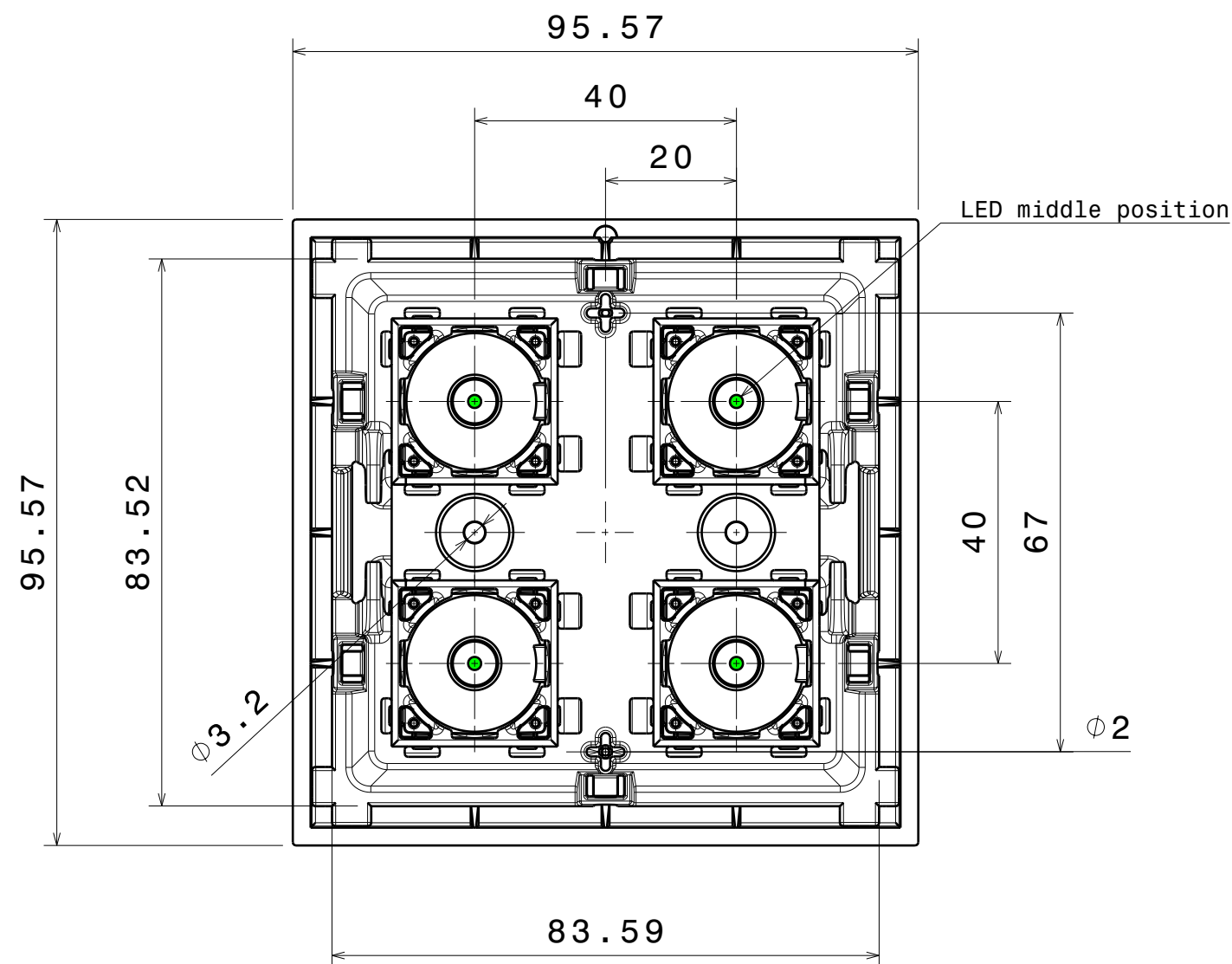
DETAILS

Product Number	FC15712_FLORENTINA-2X2-MRK-S
Family	Florentina
Type	Pack
Color	black
Diameter	95,57x95,57 mm
Height	17,72 mm
Style	square
Optic Material	
Holder Material	
Fastening	screw, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	24/08/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
XHP70	36 deg	Spot	61 %	1.400	-
XHP50	28 deg	Spot	72 %	2.100	-
XHP35 HD	23 deg	Spot	76 %	3.300	-
H70E0	30 deg	Spot	71 %	1.900	-
LUXEON M/MX	29 deg	Spot	68 %	1.900	-
Duris P10	28 deg	Spot	62 %	2.100	-



Isometric view

Scale: 1:1

Isometric view

Scale: 1:1

Assembly:

1. Attach lenses by pressing them down until they snap into place.
2. Screw the holder (with lenses assembled) to PCB. Inspect that the positioning pins are securely in their holes.
3. Press the shade down on the holder until they are securely attached.

Optional side attachment: The holder can also be attached with DIN 7985 M3 nuts

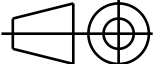
1. One nut per side for rotational attachment
2. Two per side for fixed beam direction

Recommendations:

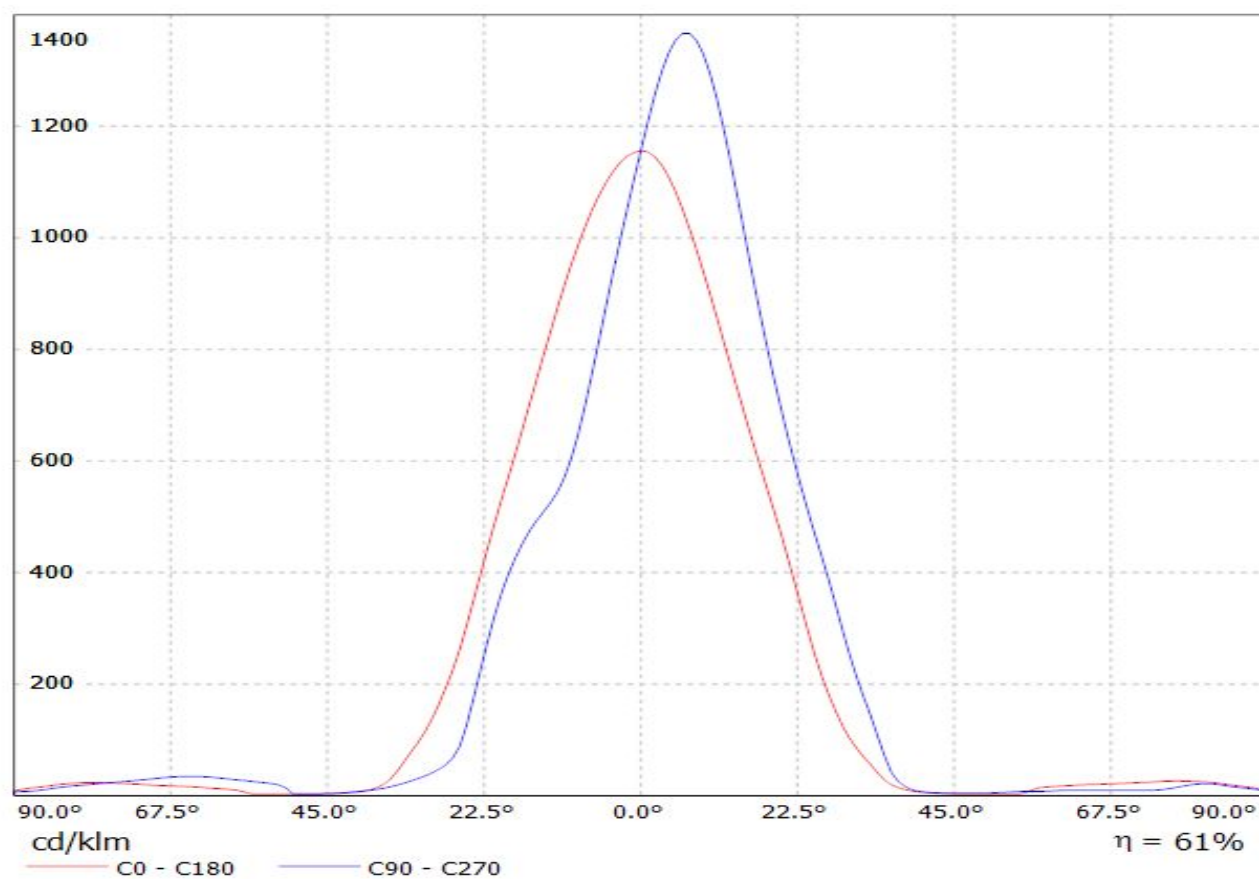
Screw type DIN 7985 M3, max. torque 0.6Nm

Compatible with Strada-2X2MX PCB

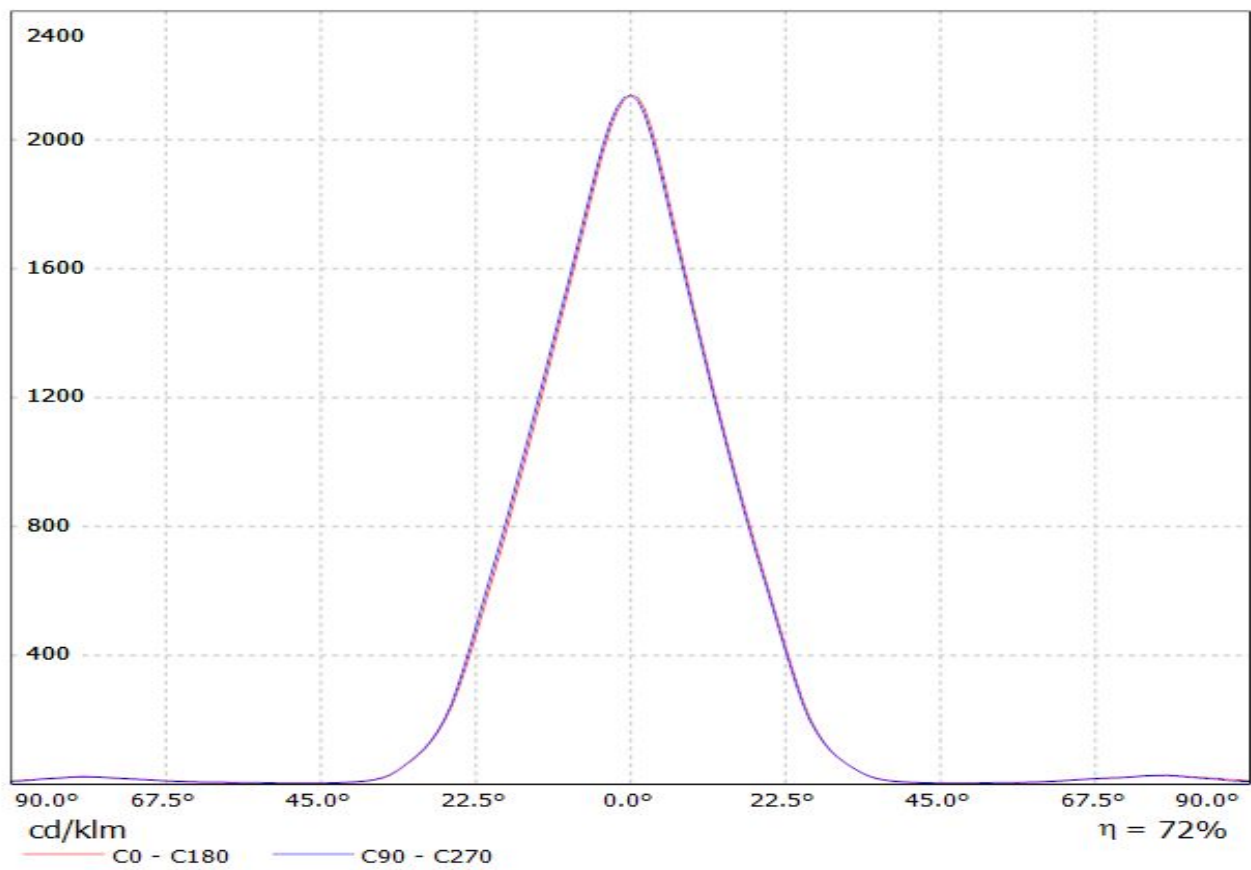
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	CMC / MRK lenses	-	
2	C14734	FLORENTINA-2X2-SHD	PC	black
3	C14735	FLORENTINA-2X2-HLD	PC	black

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 FLORENTINA-2x2 assembly			
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER -		
		SCALE 1 : 1	WEIGHT -		SHEET 1 / 1

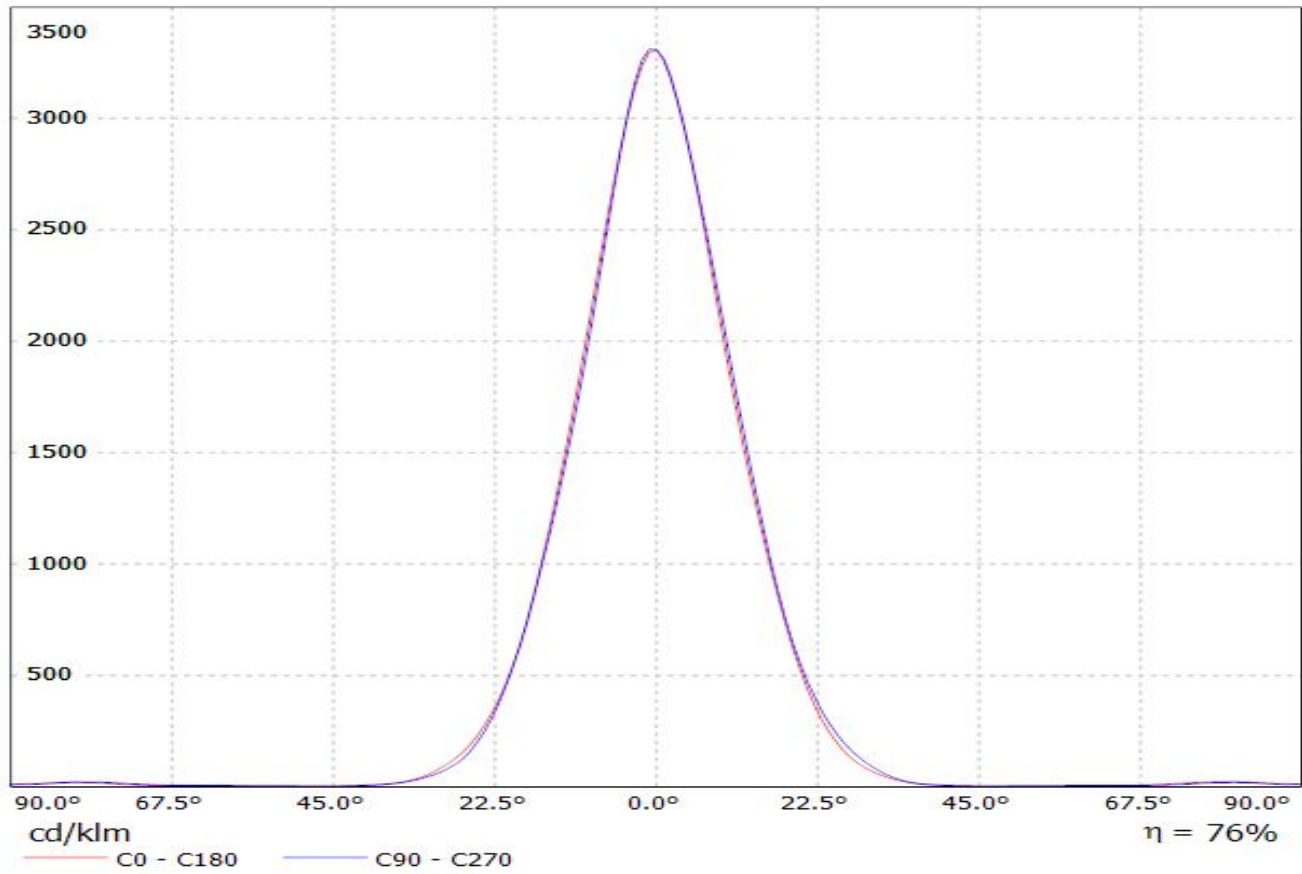
Luminaire: LEDiL Oy FC15712_FLORENTINA-2X2-MRK-S_(XHP70)
Lamps: 1 x Cree_XHP70_799.895lm@250mA_P=5.53682W_I=0.250A



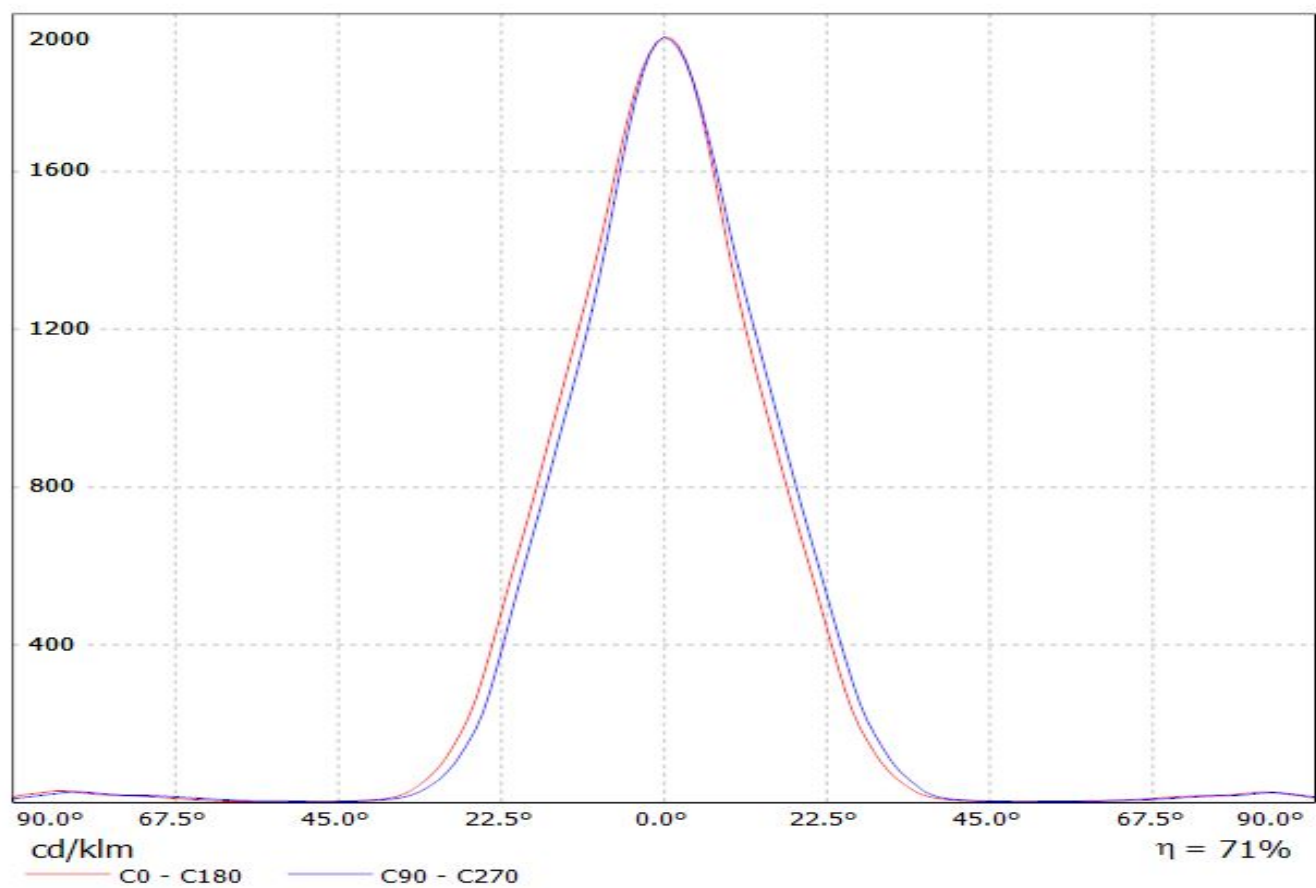
Luminaire: LEDiL Oy FC15712_FLORENTINA-2X2-MRK-S_(XHP50)
Lamps: 1 x Cree_XHP50_(XHP50-0-1B0-J20-D0-B-01)_1821.34lm@250mA_P=11.4846W_I=0.250A



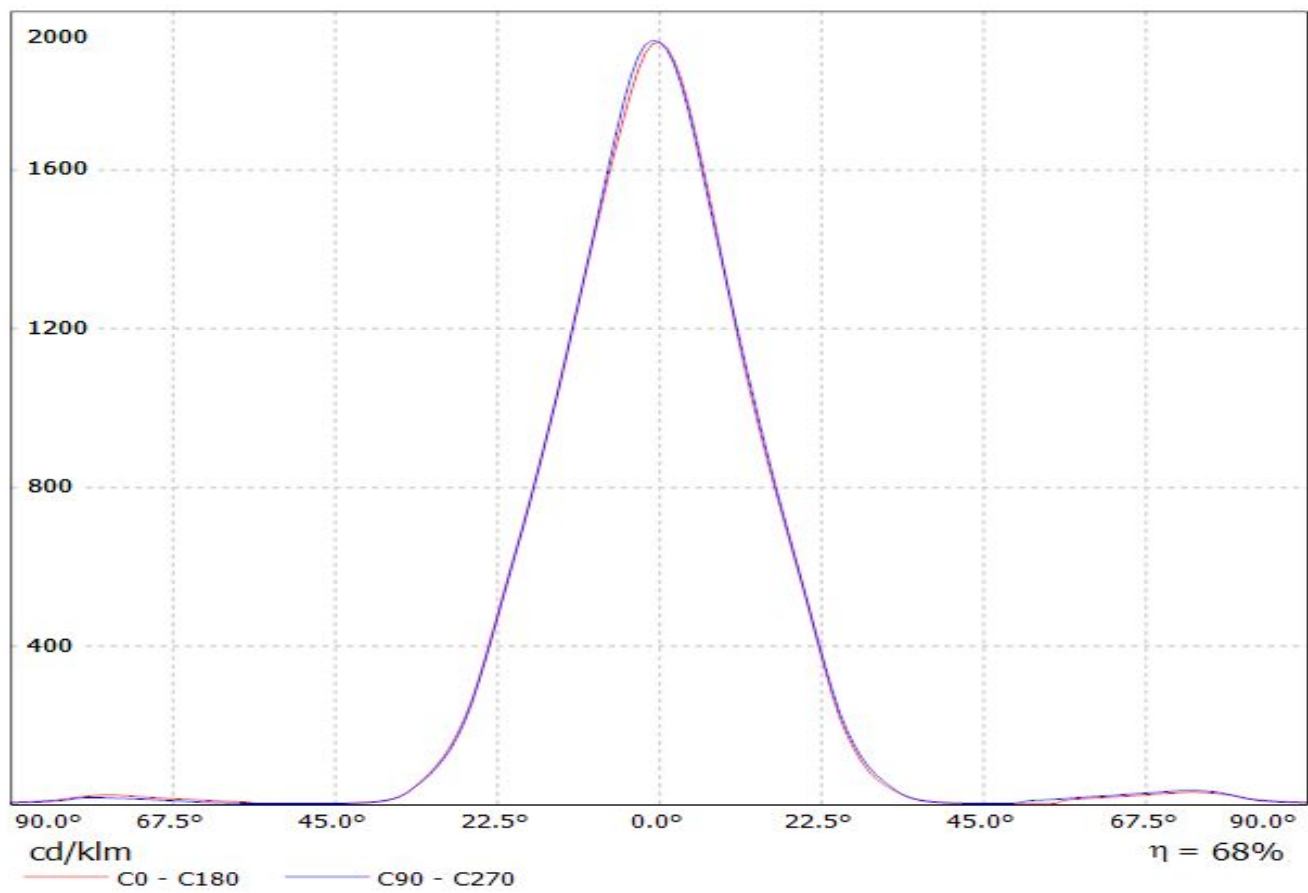
Luminaire: LEDiL Oy FC15712_FLORENTINA-2X2-MRK-S_(XHP35_HD)
Lamps: 1 x Cree_XHP35_HD_(XHP35A-0-2D0-D40-D0-B-01)_1719.03lm@250mA_P=11.3047W_I=0.250A



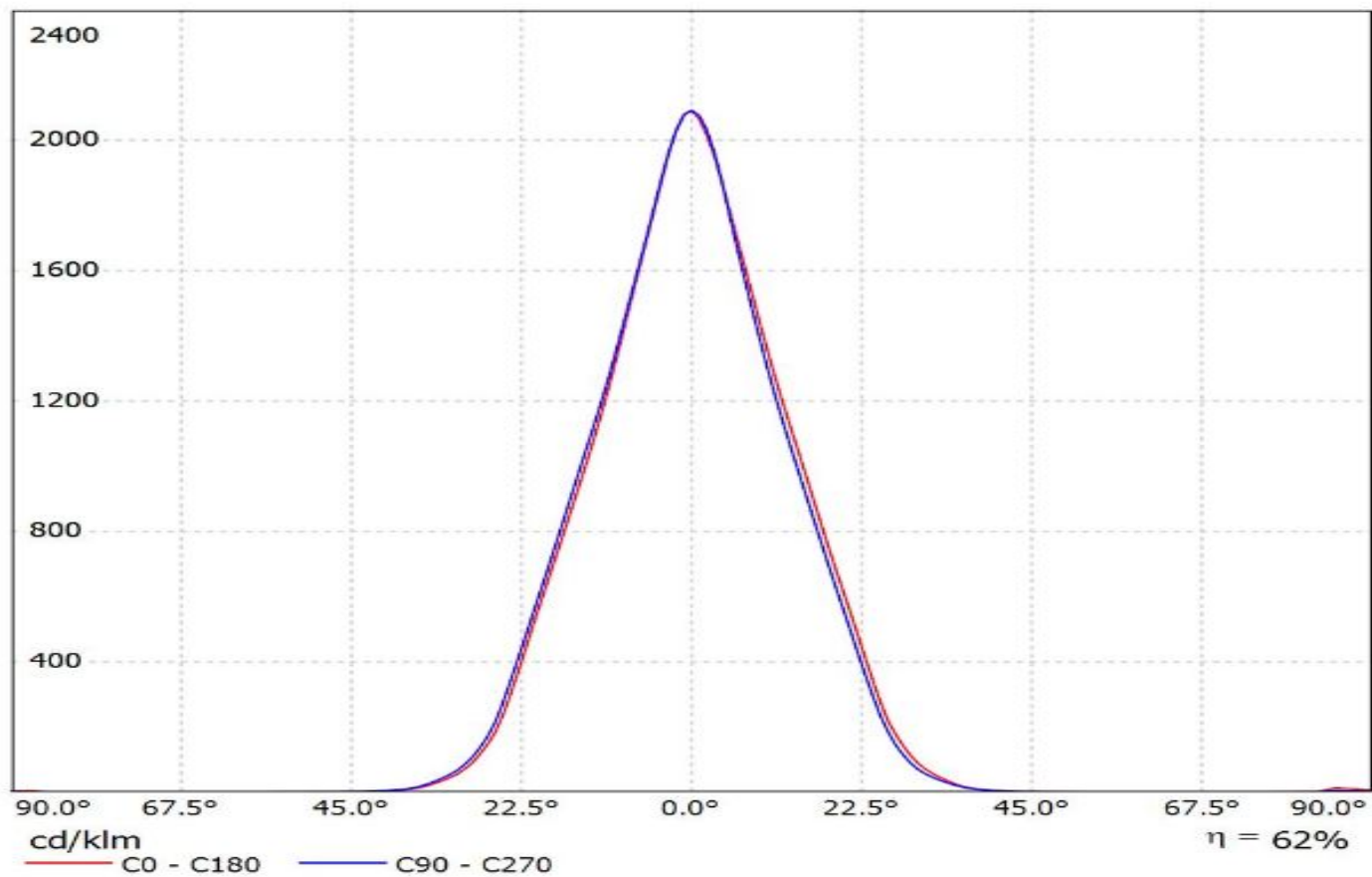
Luminaire: LEDiL Oy FC15712_FLORENTINA-2X2-MRK-S_(H70E0)
Lamps: 1 x LG_H70E0_1785.36lm@250mA_P=11.2935W_I=0.250A



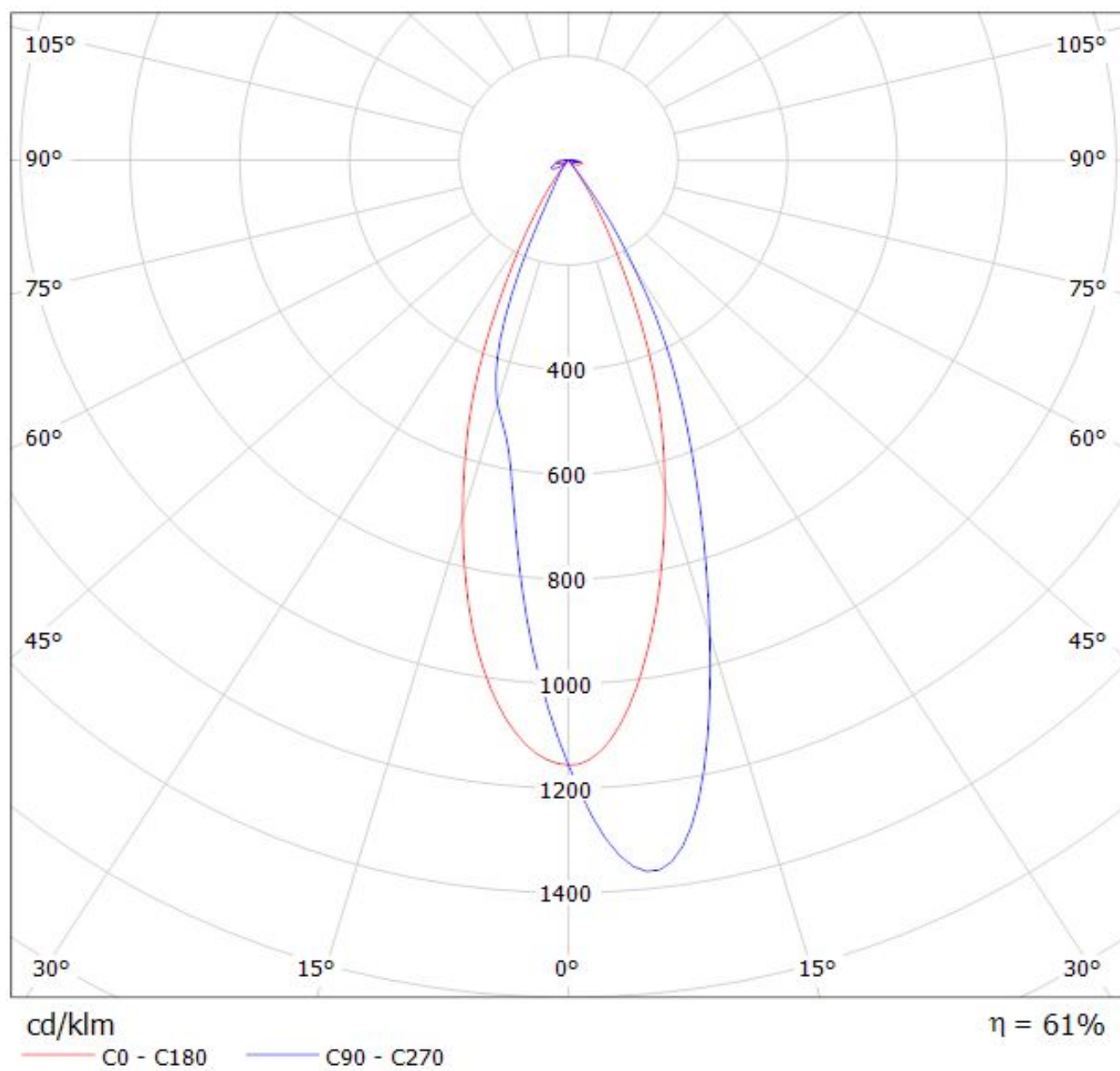
Luminaire: LEDiL Oy FC15712_FLORENTINA-2X2-MRK-S_(Luxeon_M)
Lamps: 1 x Luxeon_M_(LXM8-SW30)_1404.24lm@250mA_P=11.0899W_I=0.250A



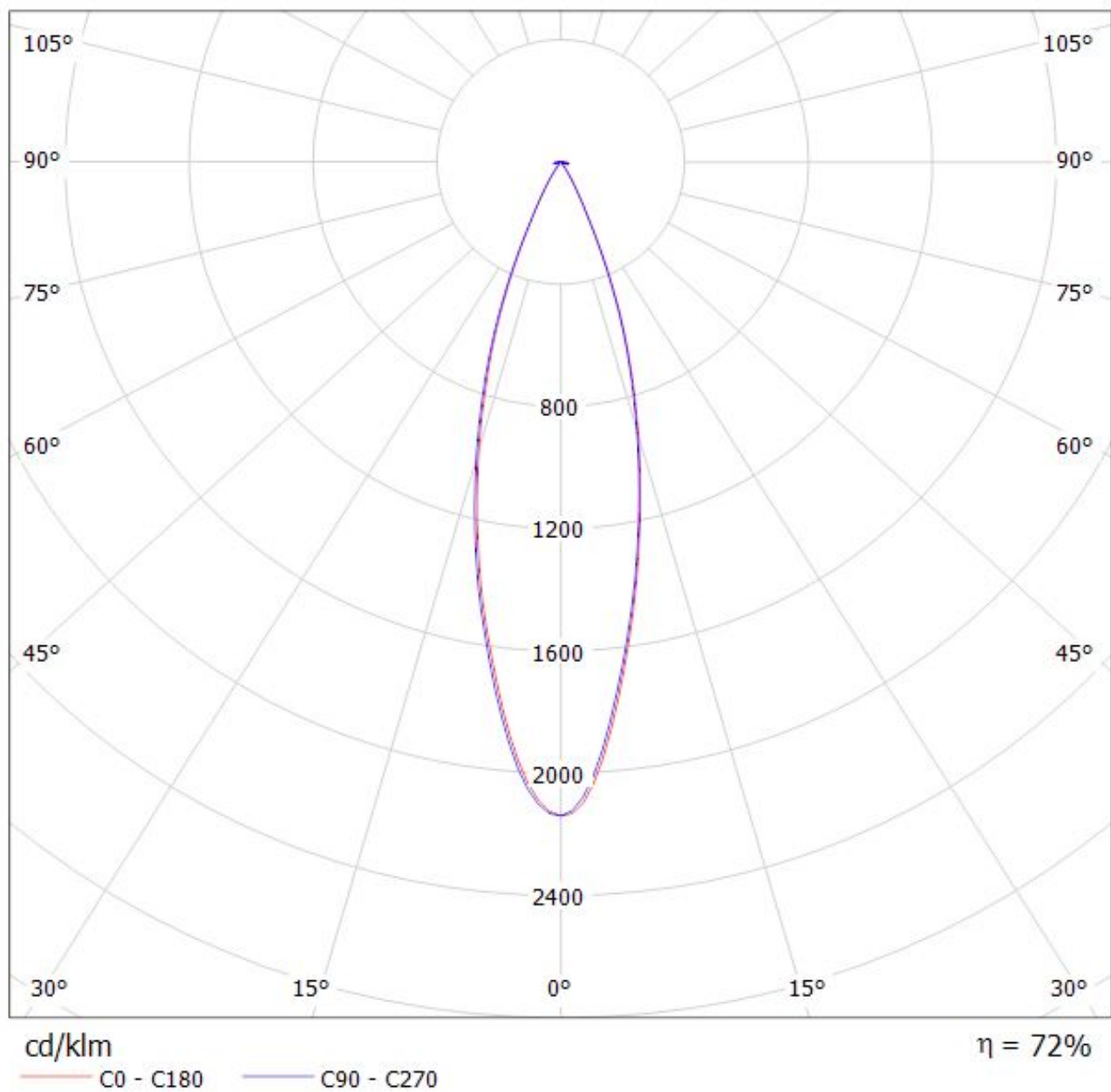
Luminaire: Ledil FC15712_FLORENTINA-2X2-MRK-S_(DURIS_P10)
Lamps: 1 x Osram_Duris_P10_2x2_(GW_P7STA1.PM)
_1851.83lm@250mA_CCT=4000K_P=11.2603W_I=0.25A



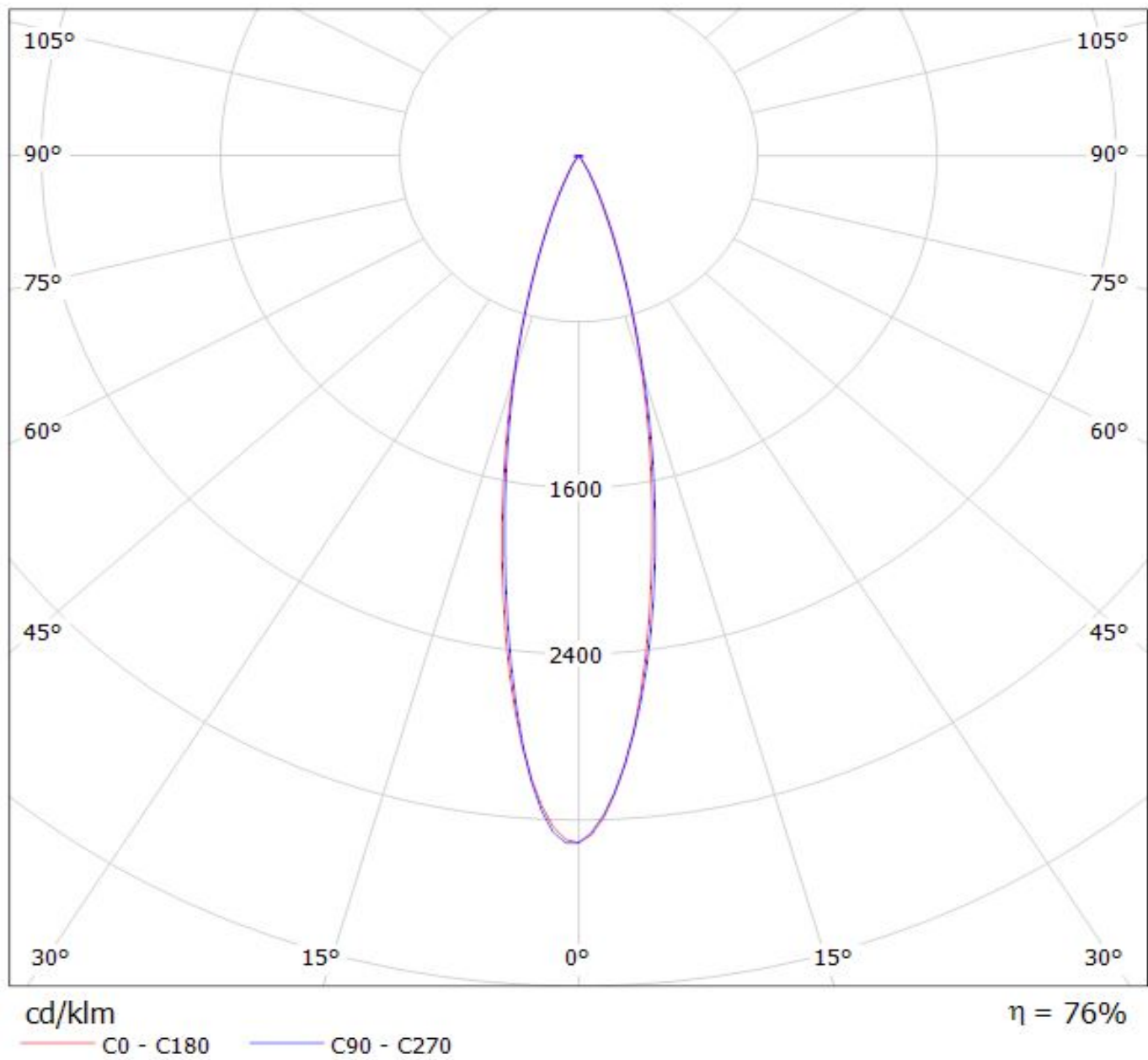
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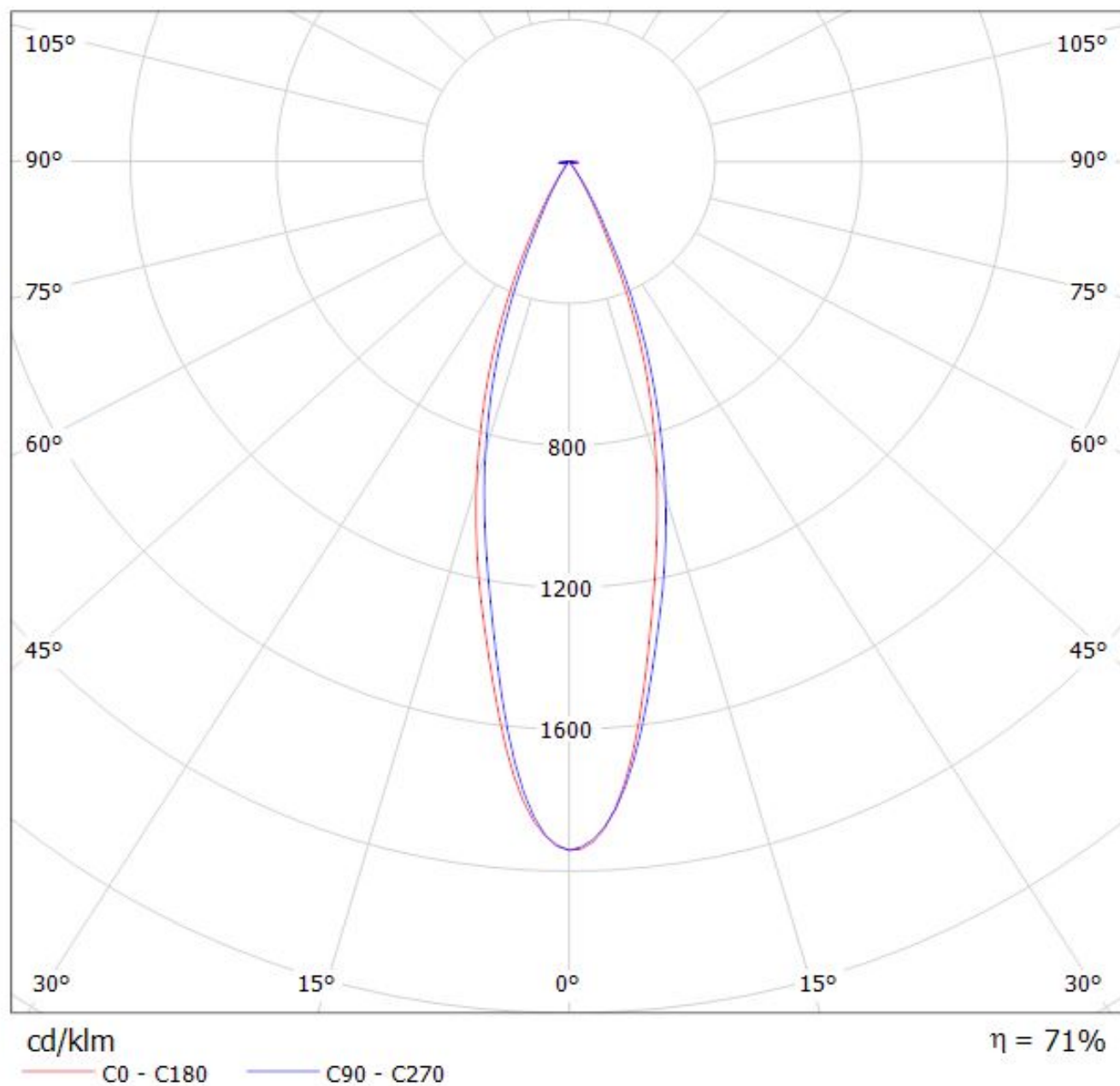
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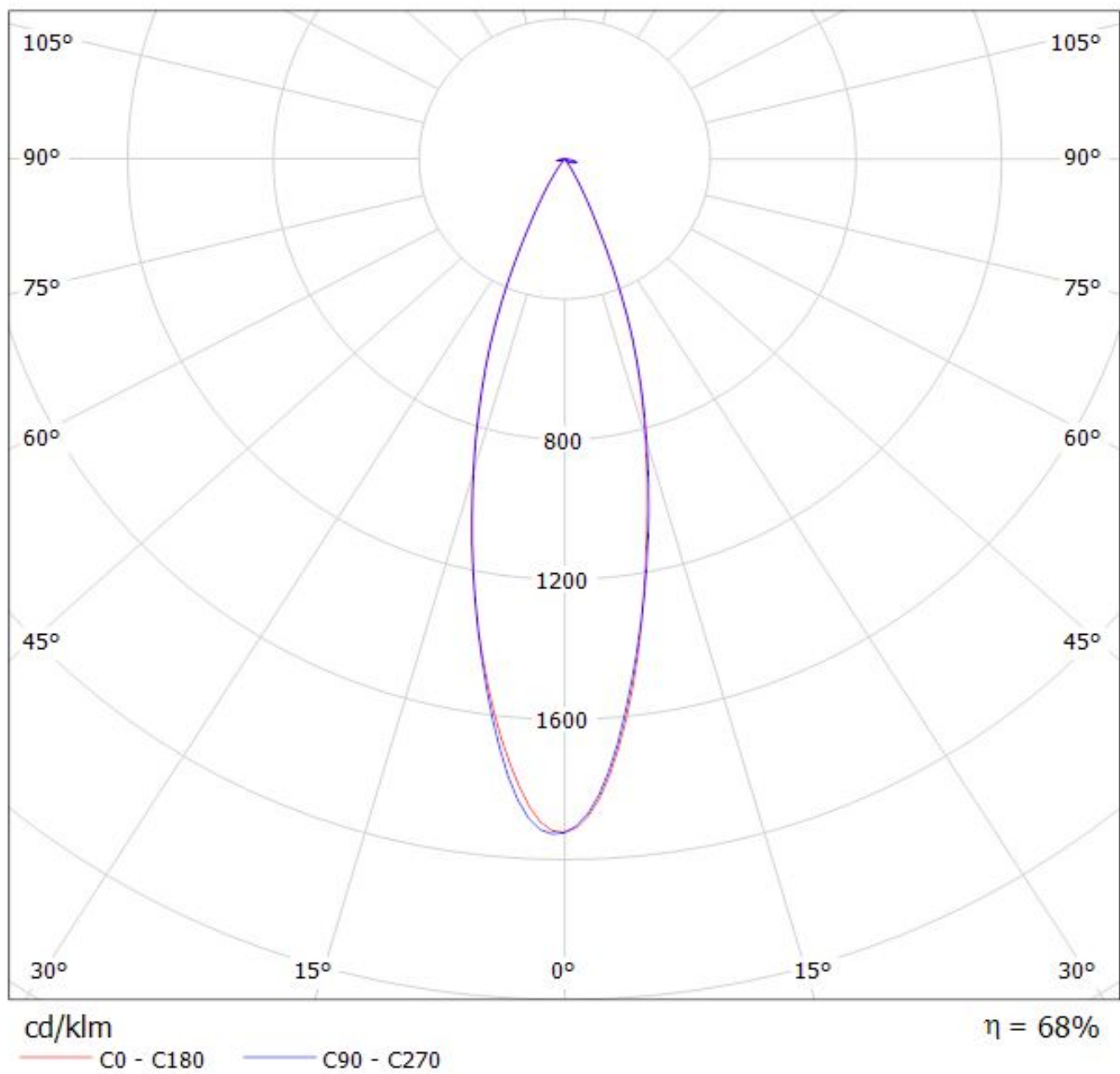
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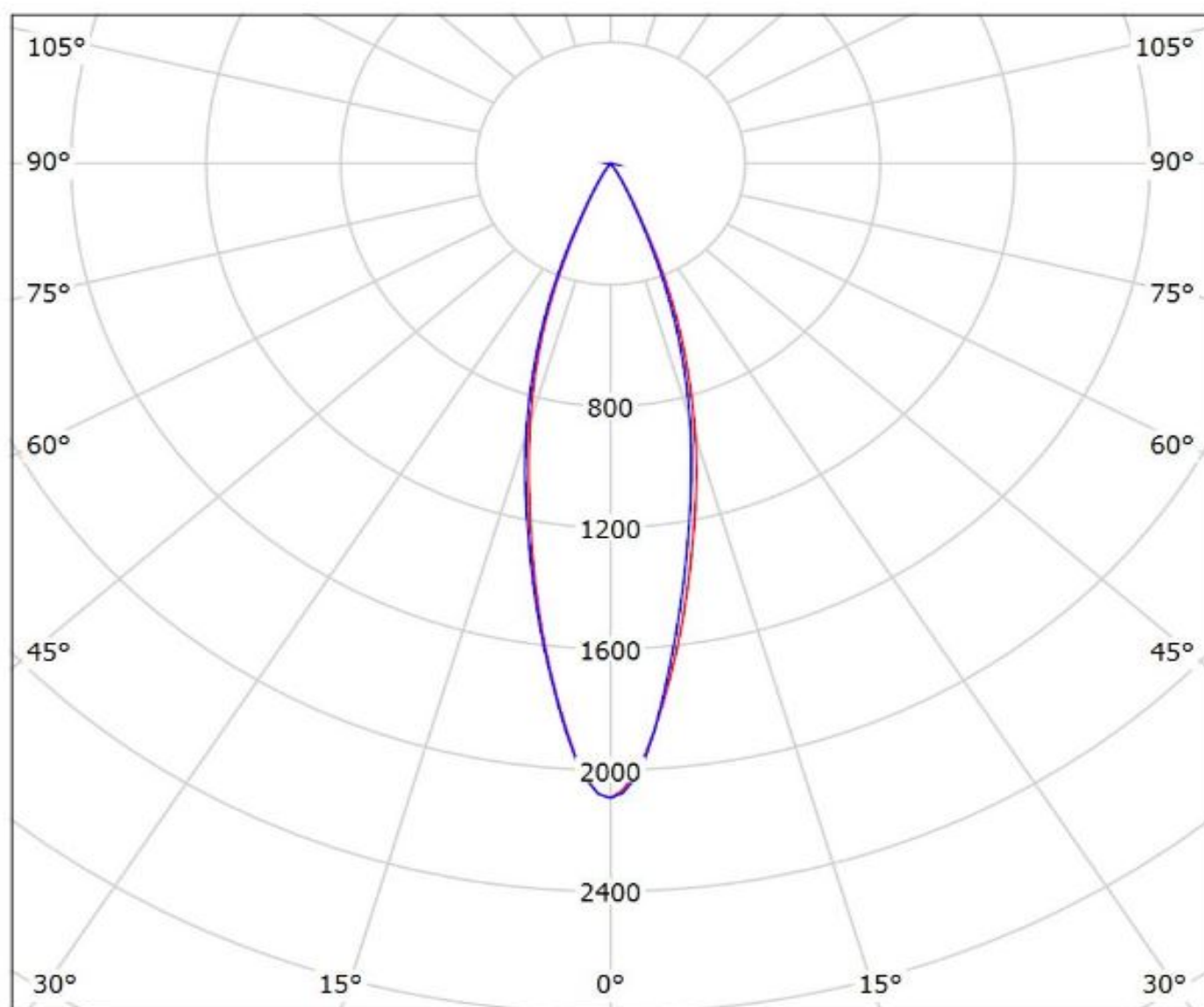


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Lamps: 1 x Osram_Duris_P10_2x2_(GW_P7STA1.PM)
_1851.83lm@250mA_CCT=4000K_P=11.2603W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 62\%$

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.