



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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DETAILS

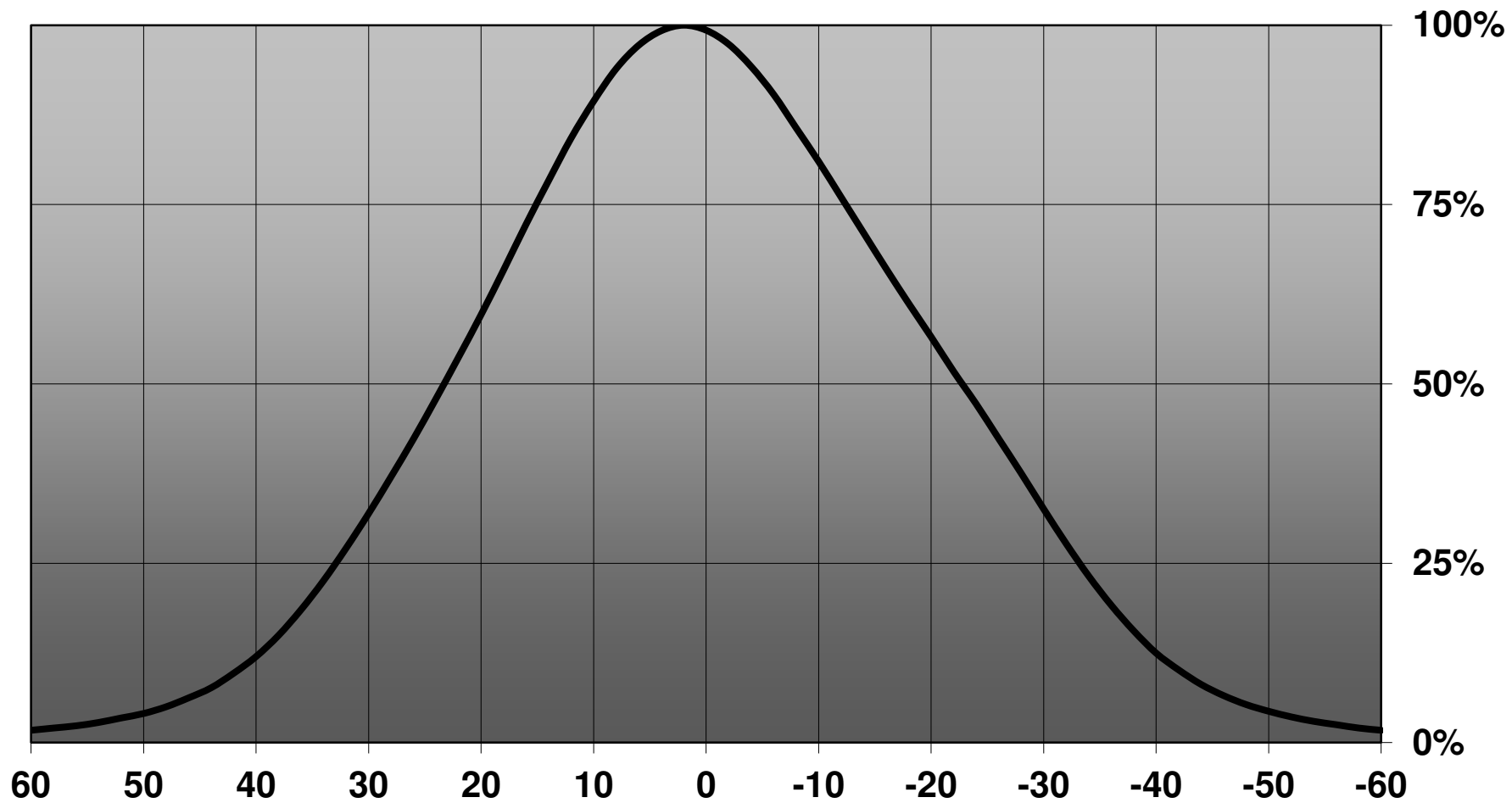
Product Number	CN13904_MIRELLA-50-W-PIN-RZL
Family	Mirella
Type	RefPack
Color	metal
Diameter	49,9 mm
Height	24 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	16/07/2015



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XM-L RGB	50 deg	Wide	81 %	1.000	-
XHP50	51 deg	Wide	81 %	0.960	-
LUXEON Z RGB	46 deg	Wide	80 %	1.100	-
LUXEON C RGBW	47 deg	Wide	77 %	1.030	-
Ostar-SMT RGB	48 deg	Wide	81 %	1.100	-
F50360 (RGB)	46 deg	Wide	81 %	1.200	-

Relative intensity of CN13904_MIRELLA-50-W-PIN-RZL_(F50360 RGB)



D

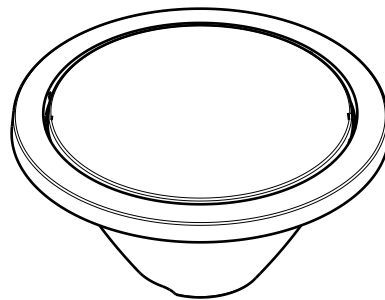
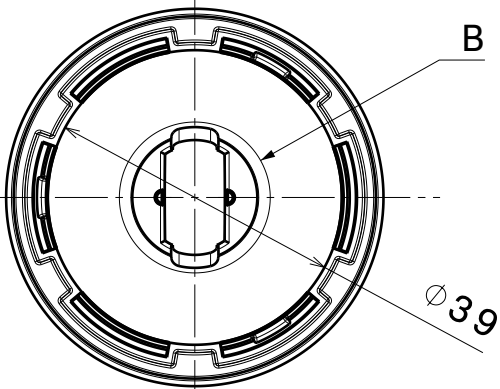
C

B

A

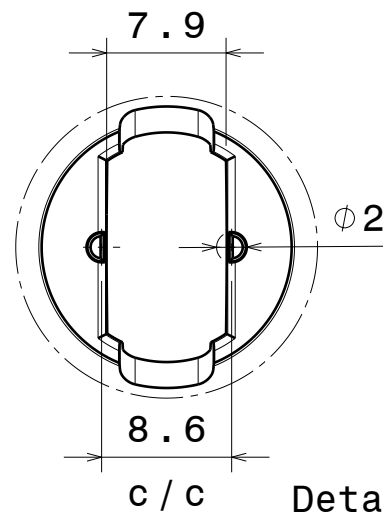
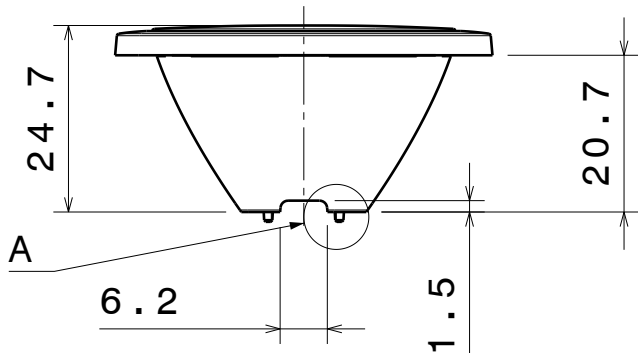
4

4



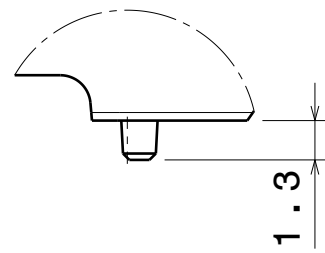
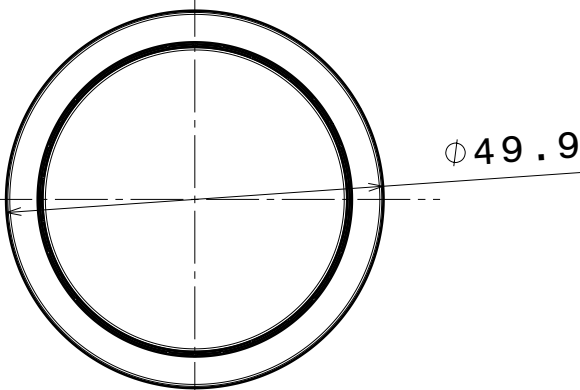
3

3



2

2



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
Datasheet MIRELLA-PIN-RZL

This drawing is the property
 of LEDiL Oy. It may not be
 reproduced, copied or
 communicated without a written
 agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	-

SCALE	1:1	WEIGHT	-	SHEET	1/1
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D

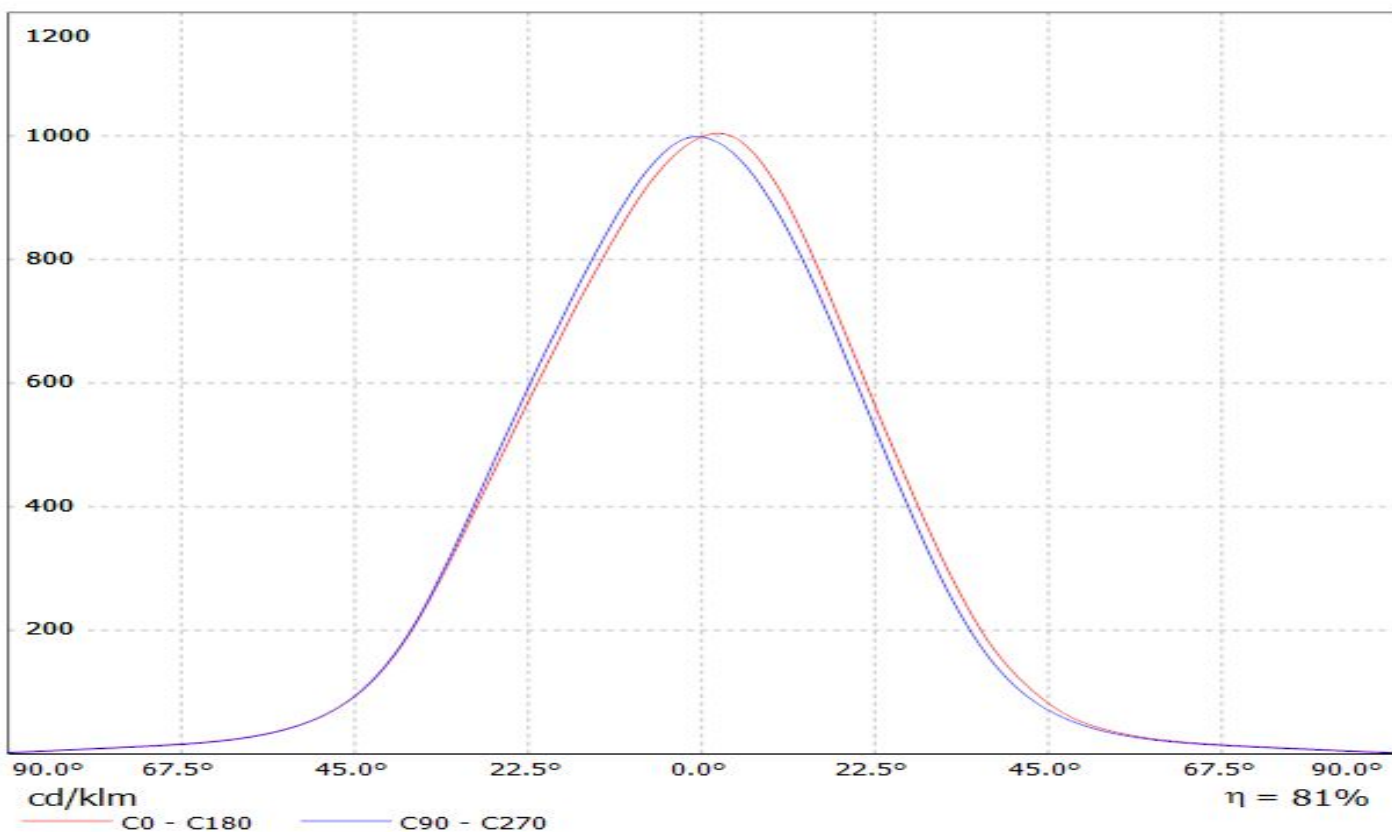
A

1

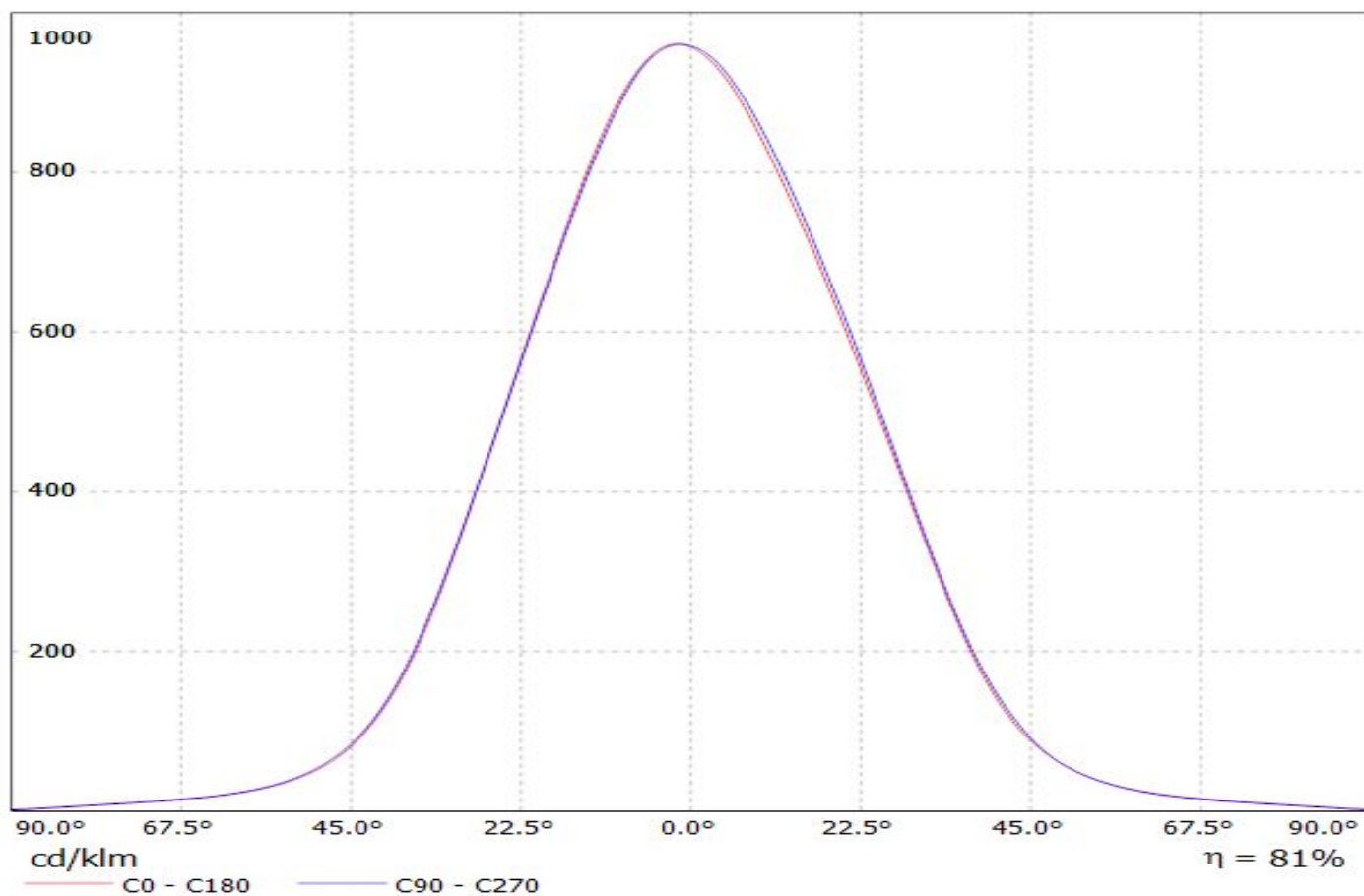
1

LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(XM-L_RGBW) Eff.81.0% / LDC (Linear)

Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(XM-L_RGBW) Eff.81.0%
Lamps: 1 x CREE_XM-L_RGBW_205.574lm@250mA_P=2.77214W_I=249.9mA

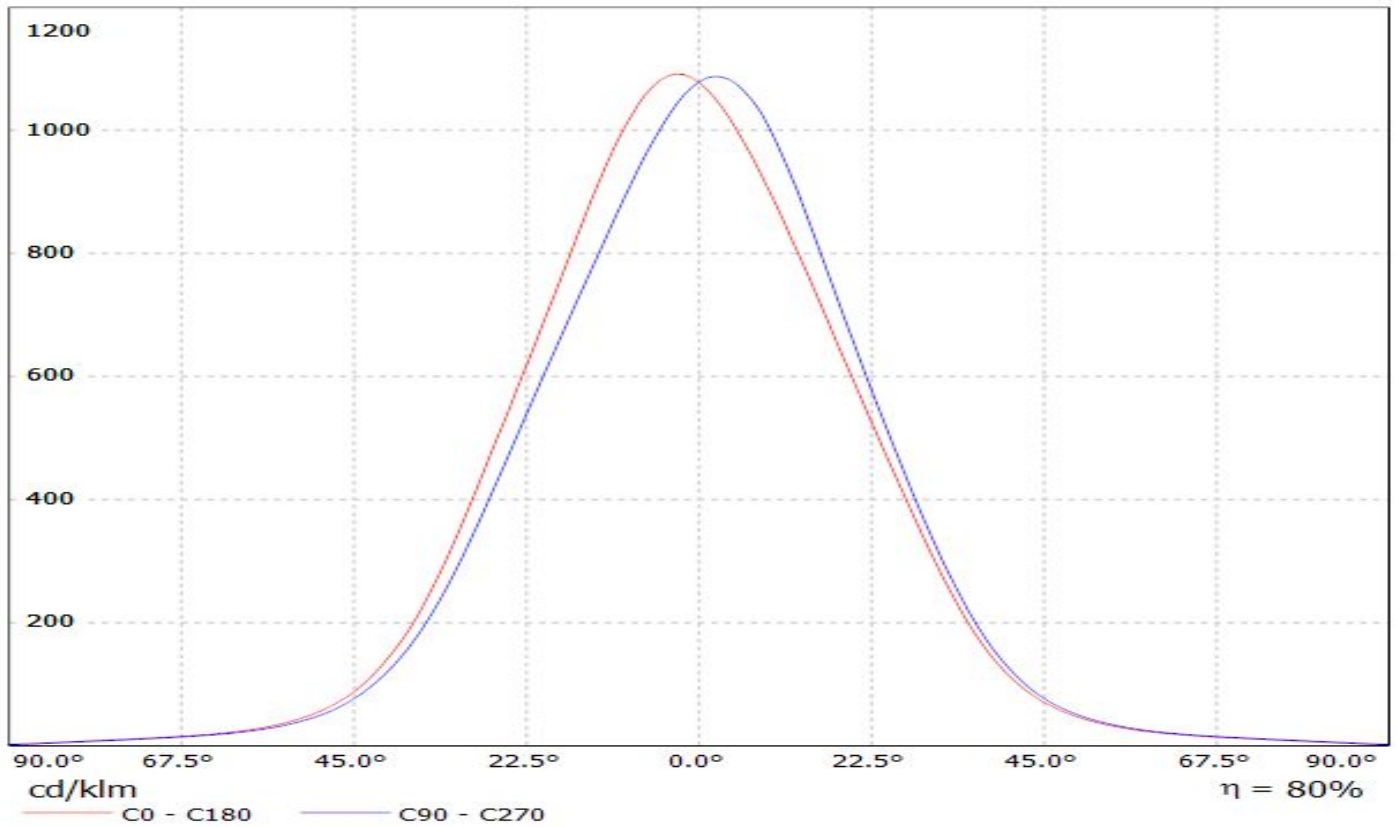


Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(CREE_XHP50_WARM_WHITE)
Lamps: 1 x CREE_XHP50_WARM_WHITE_195.126lm@250mA_P=1.39922W_I=0.2499A

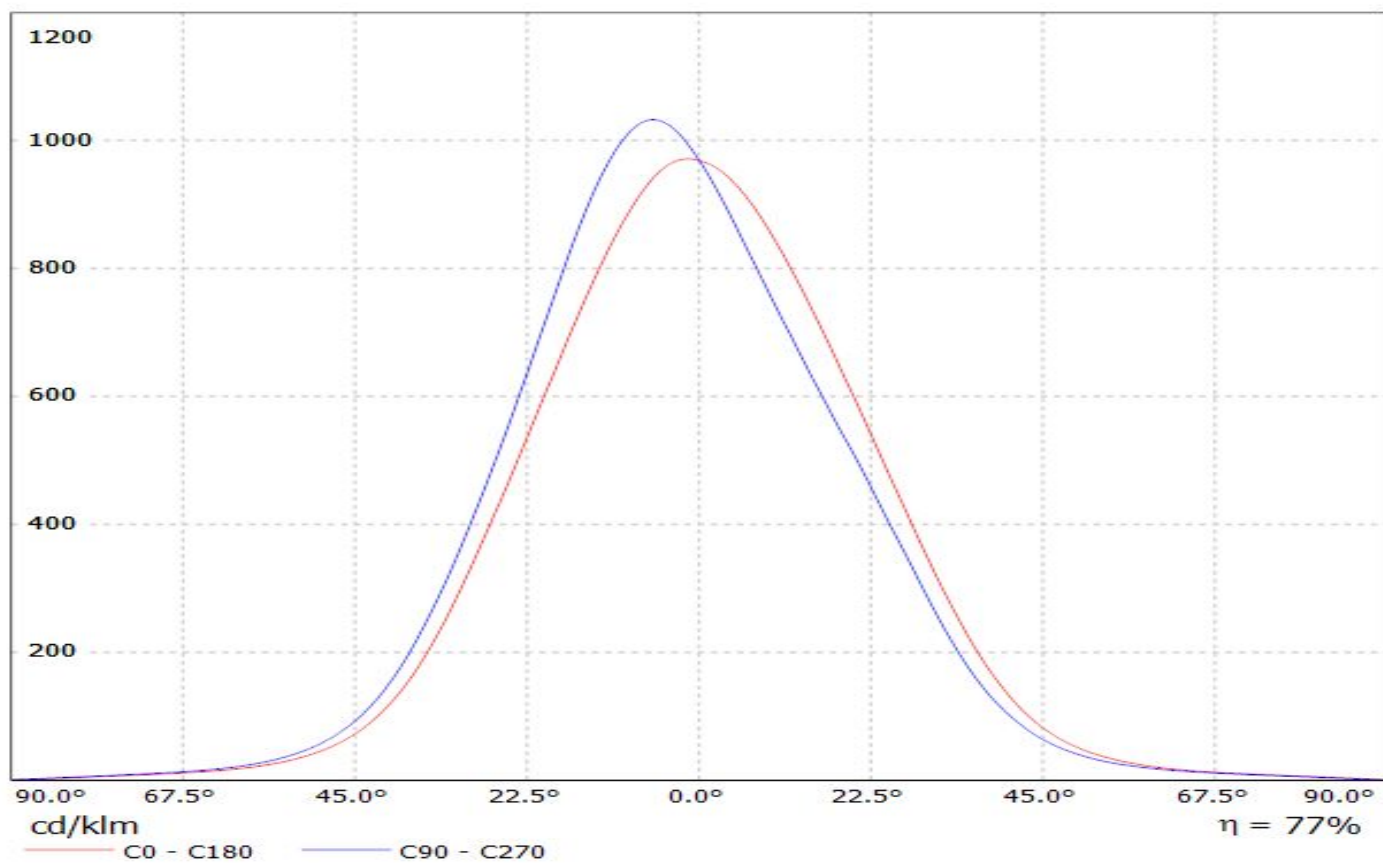


LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Luxeon-Z_RGB) Eff.80.4% / LDC (Linear)

Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Luxeon-Z_RGB) Eff.80.4%
Lamps: 1 x Luxeon-Z_RGB_161.075lm@250mA_P=2.64394W_I=249.9mA

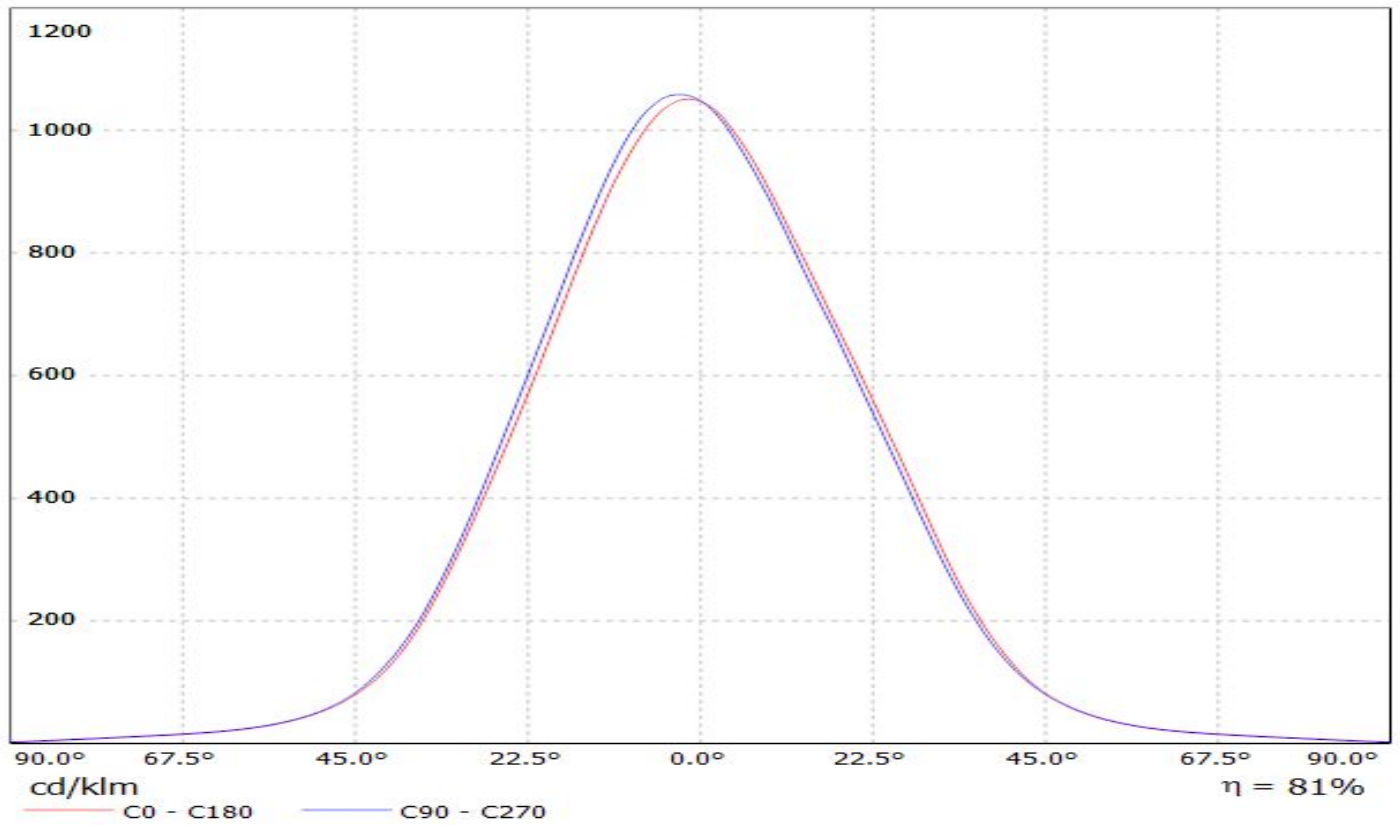


Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Luxeon_C_RGBW)
Lamps: 1 x Luxeon_C_RGBW_208.984lm@250mA_P=2.5474W_I=0.250A



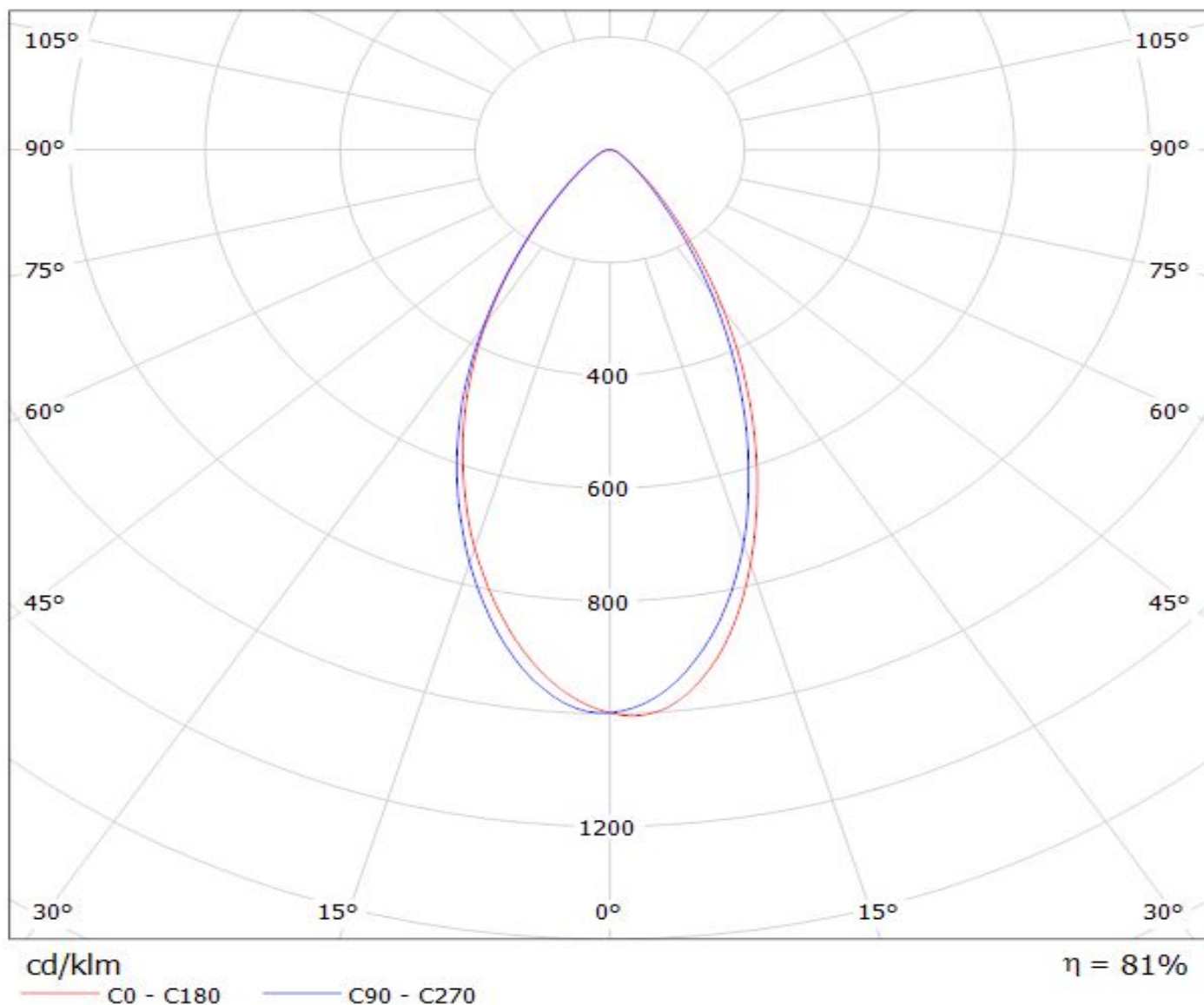
**LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Ostar_SMT_RGB) Eff.80.8% /
LDC (Linear)**

Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Ostar_SMT_RGB) Eff.80.8%
Lamps: 1 x Ostar_SMT_RGB_(LE_ATB_S2W)_161.133lm@250mA_P=2.97337W_I=249.8mA

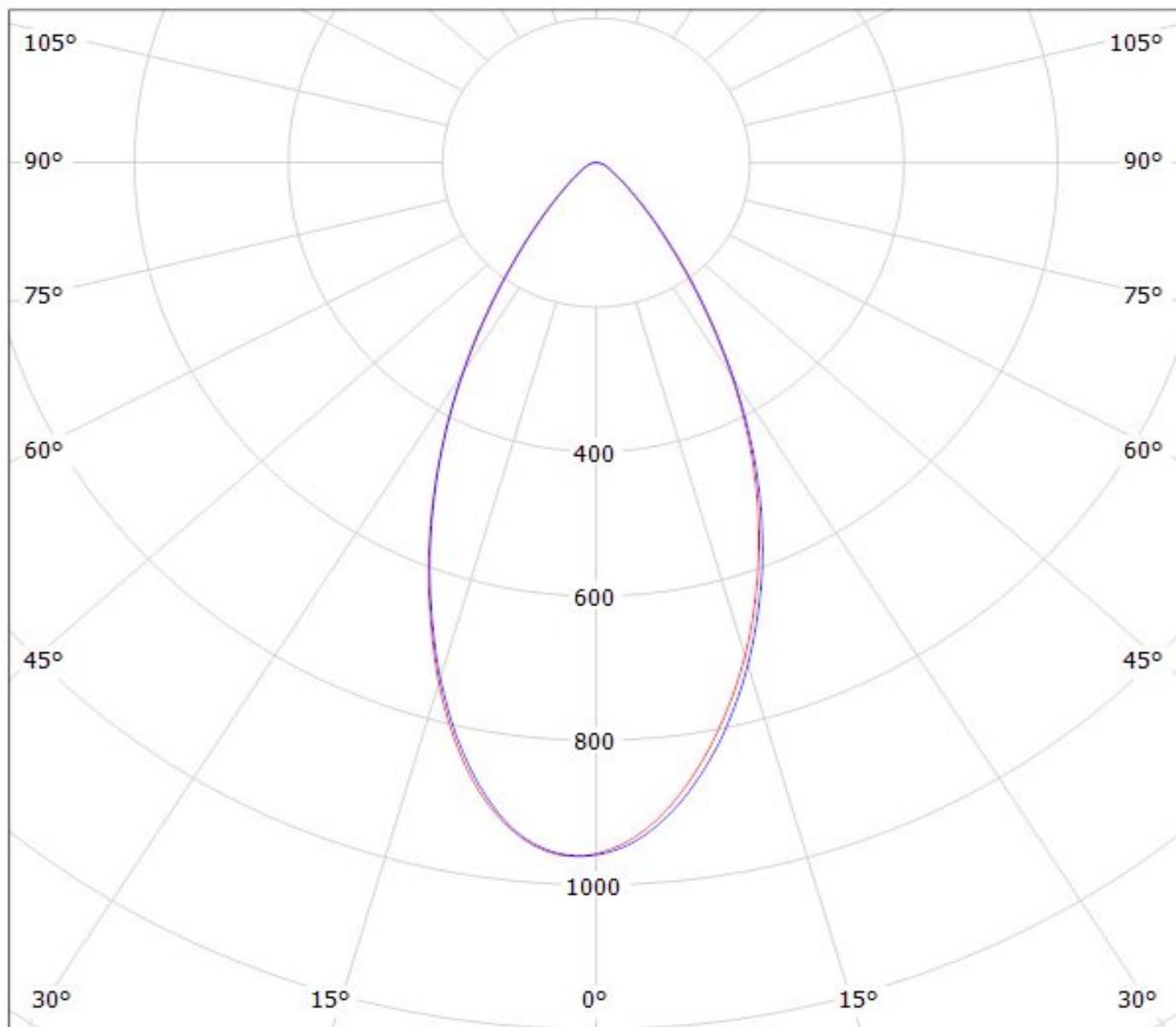


LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(XM-L_RGBW) Eff.81.0% / LDC (Polar)

Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(XM-L_RGBW) Eff.81.0%
Lamps: 1 x CREE_XM-L_RGBW_205.574lm@250mA_P=2.77214W_I=249.9mA



Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(CREE_XHP50_WARM_WHITE)
Lamps: 1 x CREE_XHP50_WARM_WHITE_195.126lm@250mA_P=1.39922W_I=0.2499A



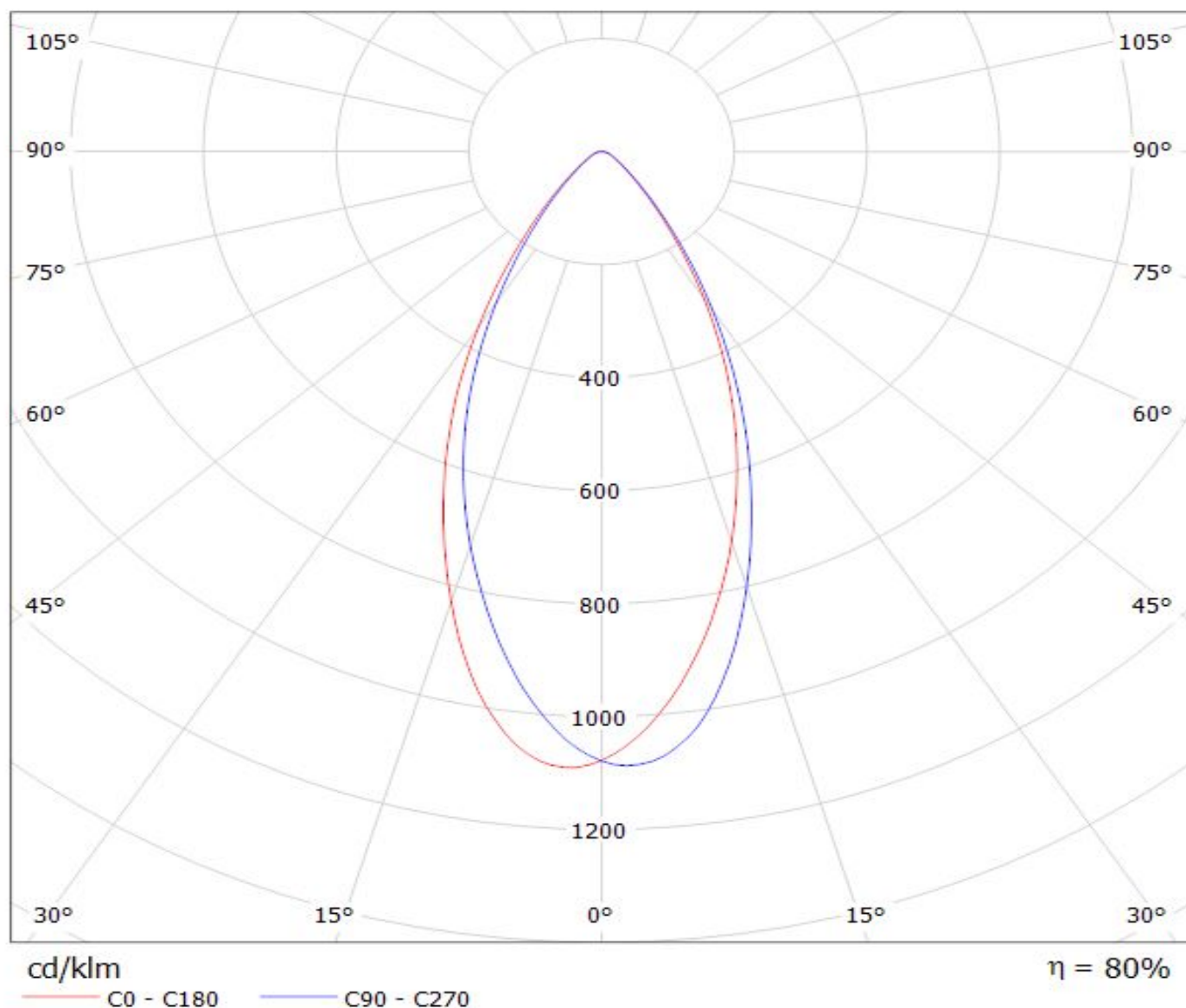
cd/klm

— C0 - C180 — C90 - C270

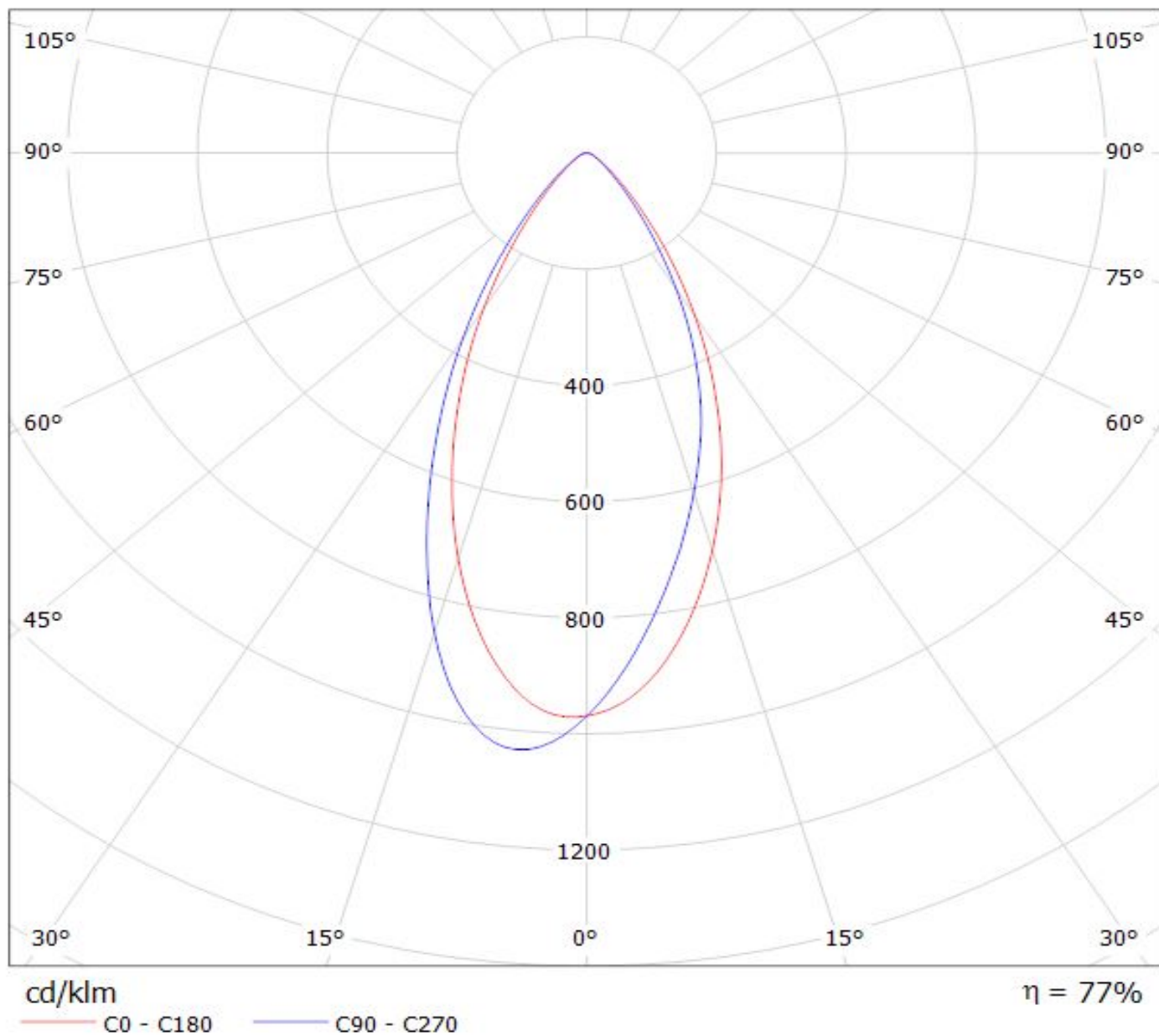
$\eta = 81\%$

LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Luxeon-Z_RGB) Eff.80.4% / LDC (Polar)

Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Luxeon-Z_RGB) Eff.80.4%
Lamps: 1 x Luxeon-Z_RGB_161.075lm@250mA_P=2.64394W_I=249.9mA

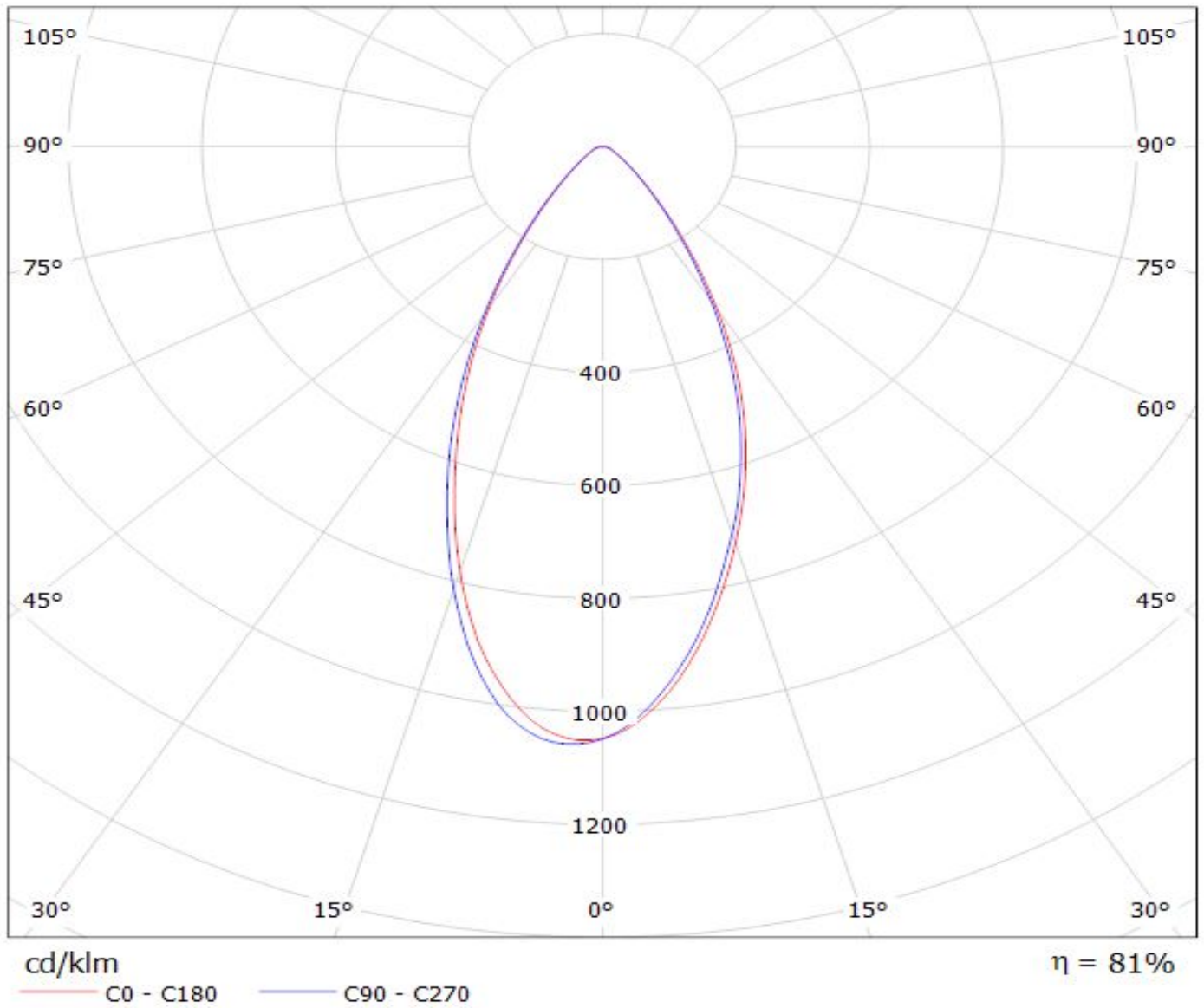


Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Luxeon_C_RGBW)
Lamps: 1 x Luxeon_C_RGBW_208.984lm@250mA_P=2.5474W_I=0.250A



**LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Ostar_SMT_RGB) Eff.80.8% /
LDC (Polar)**

Luminaire: LEDiL Oy CN13904_MIRELLA-50-W-PIN-RZL_(Ostar_SMT_RGB) Eff.80.8%
Lamps: 1 x Ostar_SMT_RGB_(LE_ATB_S2W)_161.133lm@250mA_P=2.97337W_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.