



PRODUCT DATASHEET

Mirella series

last update 9/12/2013

DETAILS

Product Number	CN13919_MIRELLA-50-M-PF-VERO10
Family	Mirella
Type	RefPack
Color	metal
Diameter	49,9 mm
Height	24 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	
Status	ready
ROHS Compliant	Yes
Date Updated	9/12/2013



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
Ostar Lighting+	21 degrees		86 %	3.500	-
VERO10	28 degrees		85 %	2.200	-

D

C

B

A

4

4

LED position

∅ 49.9

∅ 31

C/C

∅ 3

3

3

Reflector

Socket

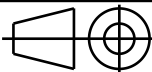
Isometric view
Scale: 3:2

25.8

CN13917_MIRELLA-50-S-PF-VER010
CN13919_MIRELLA-50-M-PF-VER010
CN13921_MIRELLA-50-W-PF-VER010

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
MIRELLA-50-PF-VER010

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SIZE PART NUMBER
A4 -

SCALE 3:2 WEIGHT - SHEET 1/1

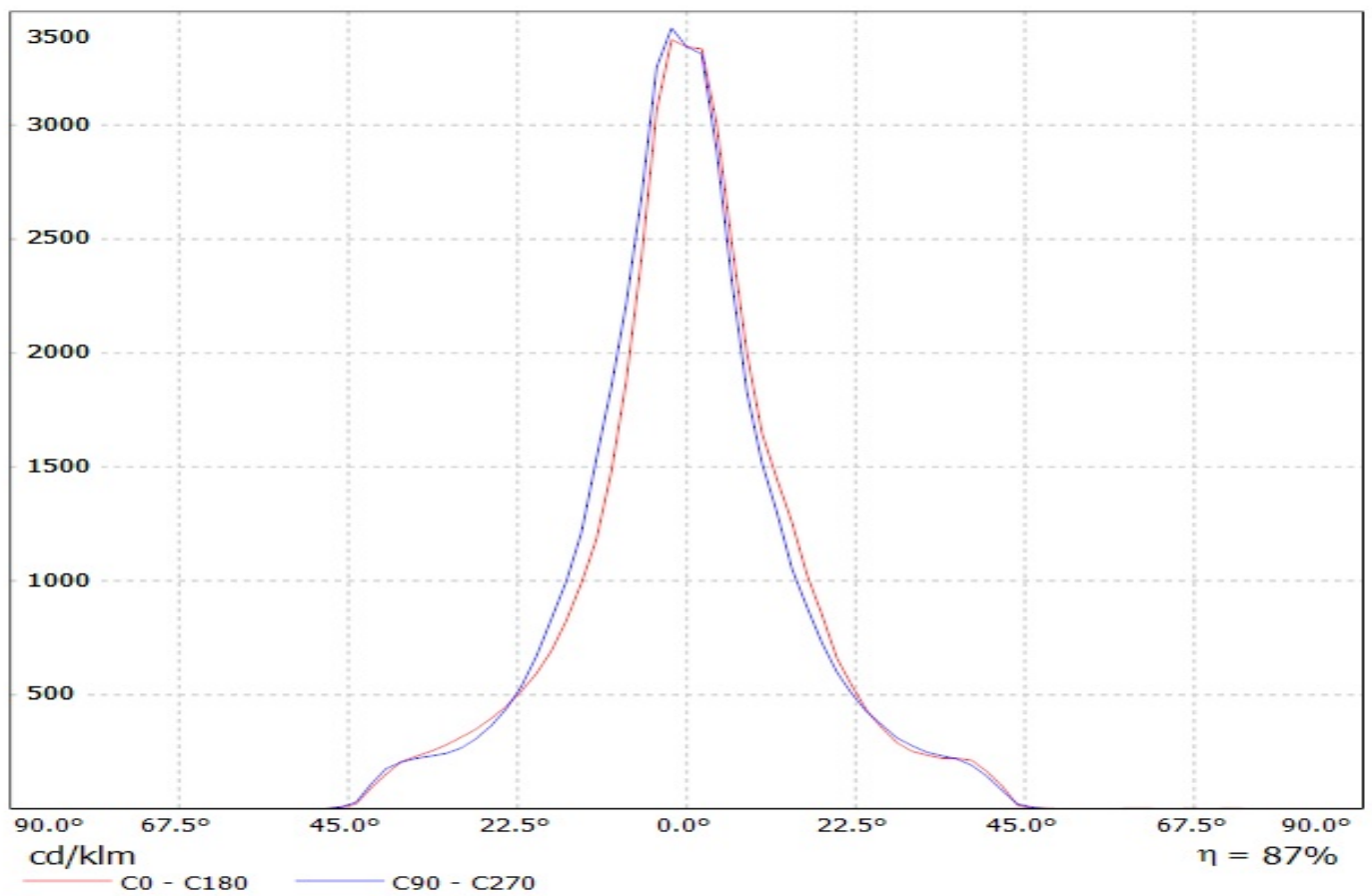
D

A

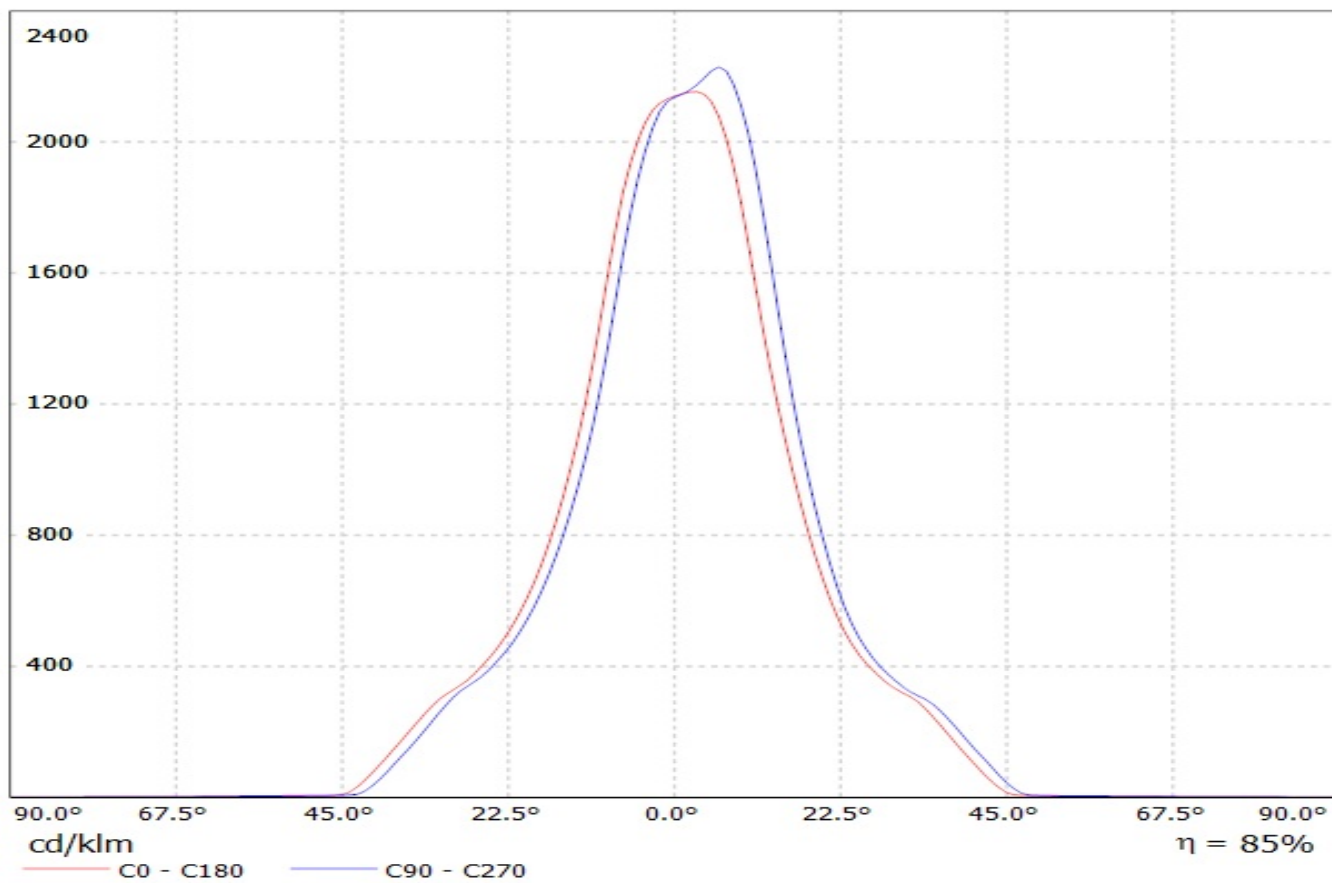
1

1

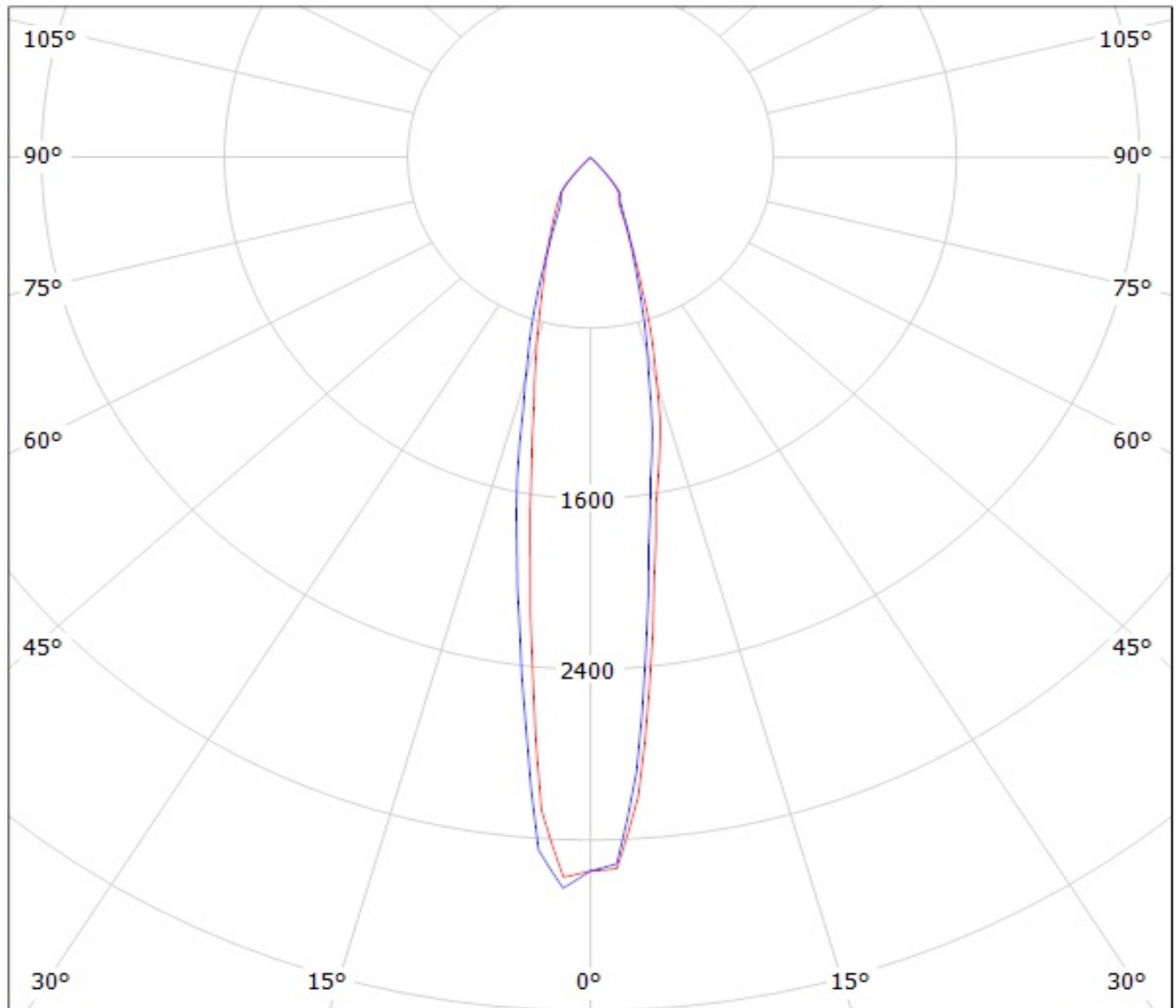
Luminaire: LEDil Oy CN13919_MIRELLA-50-M-PF-VERO10_(Ostar_Lighting+) Efficiency=86%
Lamps: 1 x Osram Ostar Lighting+ (236lm @ 250mA) CCT=3100K P=3.2W I=250mA



Luminaire: LEDiL Oy CN13919_MIRELLA-50-M-PF-VERO10_(VERO10) Eff: 85%
Lamps: 1 x Bridgelux_VERO10_(BXRC-30E1000B) 652lm@250mA_CCT=3000K_P=6.21802W_I=249.8mA



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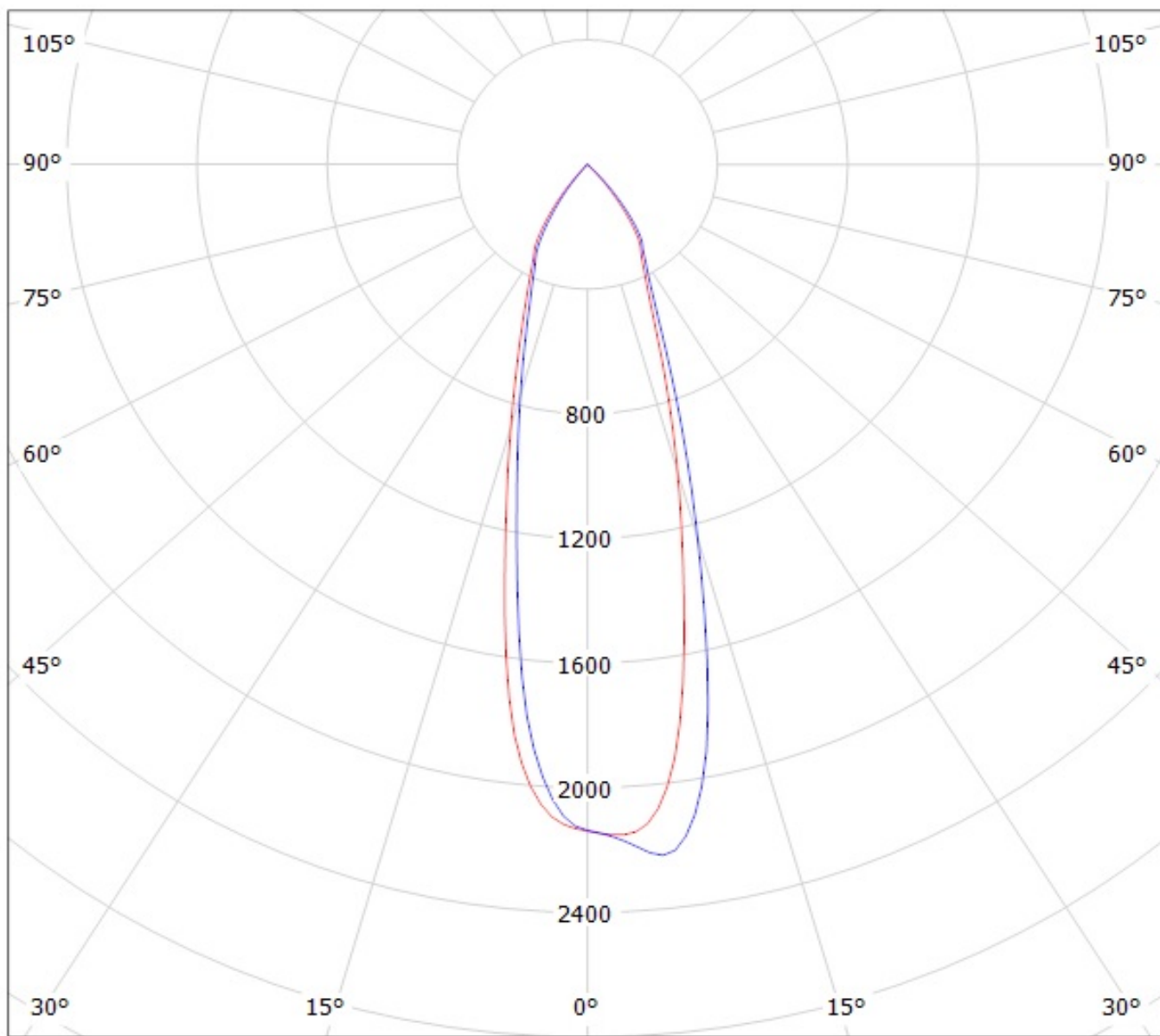
cd/klm

— C0 - C180

— C90 - C270

$\eta = 87\%$

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cd/klm

— C0 - C180

— C90 - C270

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.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.