



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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PRODUCT DATASHEET

Mirella series

last update 2/11/2016

DETAILS

Product Number	CN13917_MIRELLA-50-S-PF-VERO10
Family	Mirella
Type	RefPack
Color	metal
Diameter	49,9 mm
Height	24 mm
Style	round
Optic Material	
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	2/11/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
VERO10	20 deg	Spot	88 %	3.500	-
Ostar Lighting+	13 deg	Spot	87 %	11.800	-

D

C

B

A

4

4

LED position

∅ 49.9

∅ 31

C/C

∅ 3

3

3

Reflector

Socket

2

2

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

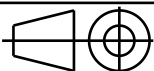
NOTE: It is recommended to use glue like DELO-PUR 9895 for pin fastening.

[http://www.delo.de/fileadmin/datasheet/DELO-PUR_9895_\(TIDB-GB\).pdf](http://www.delo.de/fileadmin/datasheet/DELO-PUR_9895_(TIDB-GB).pdf)

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

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 3:2 WEIGHT

-

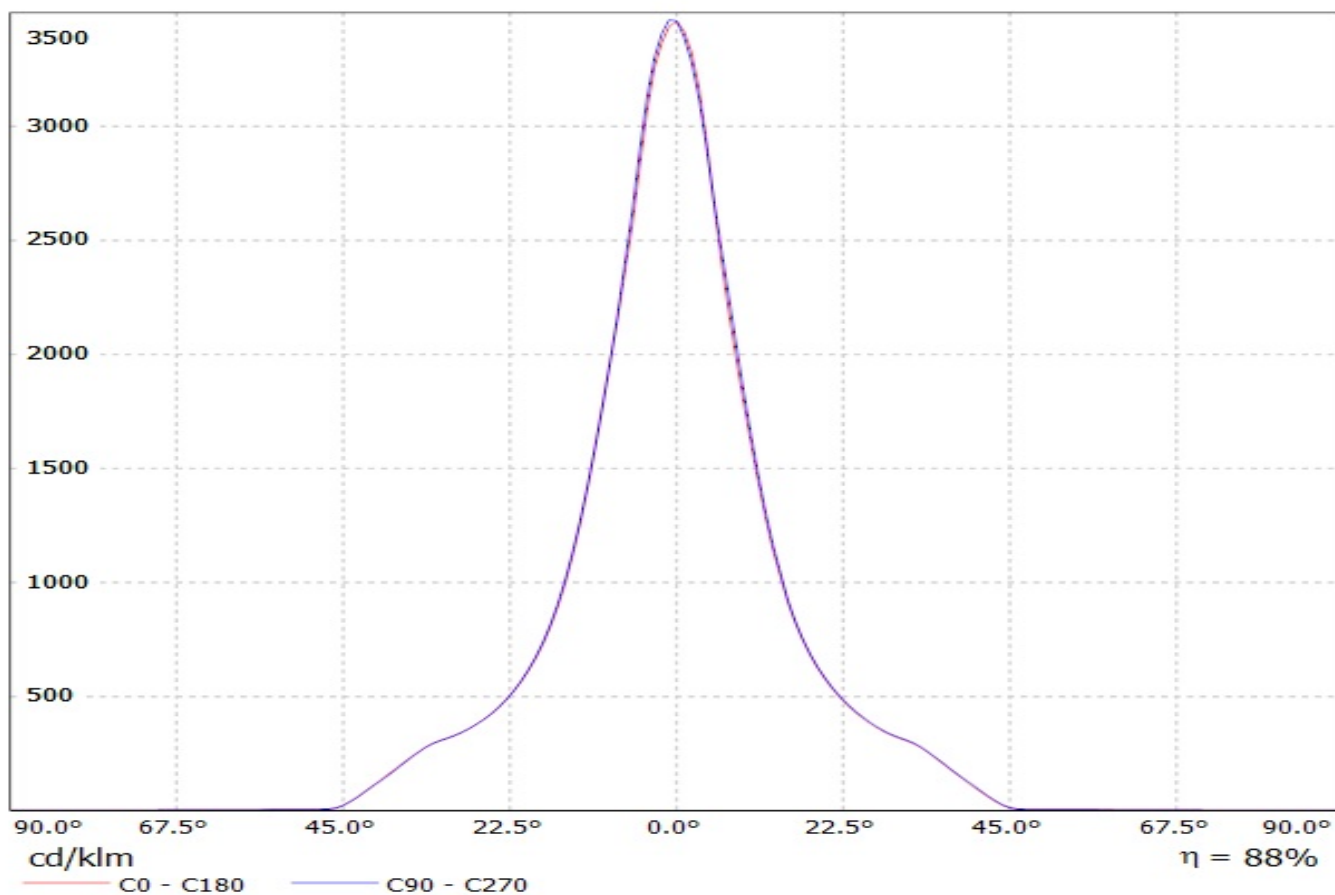
SHEET 1/1

D

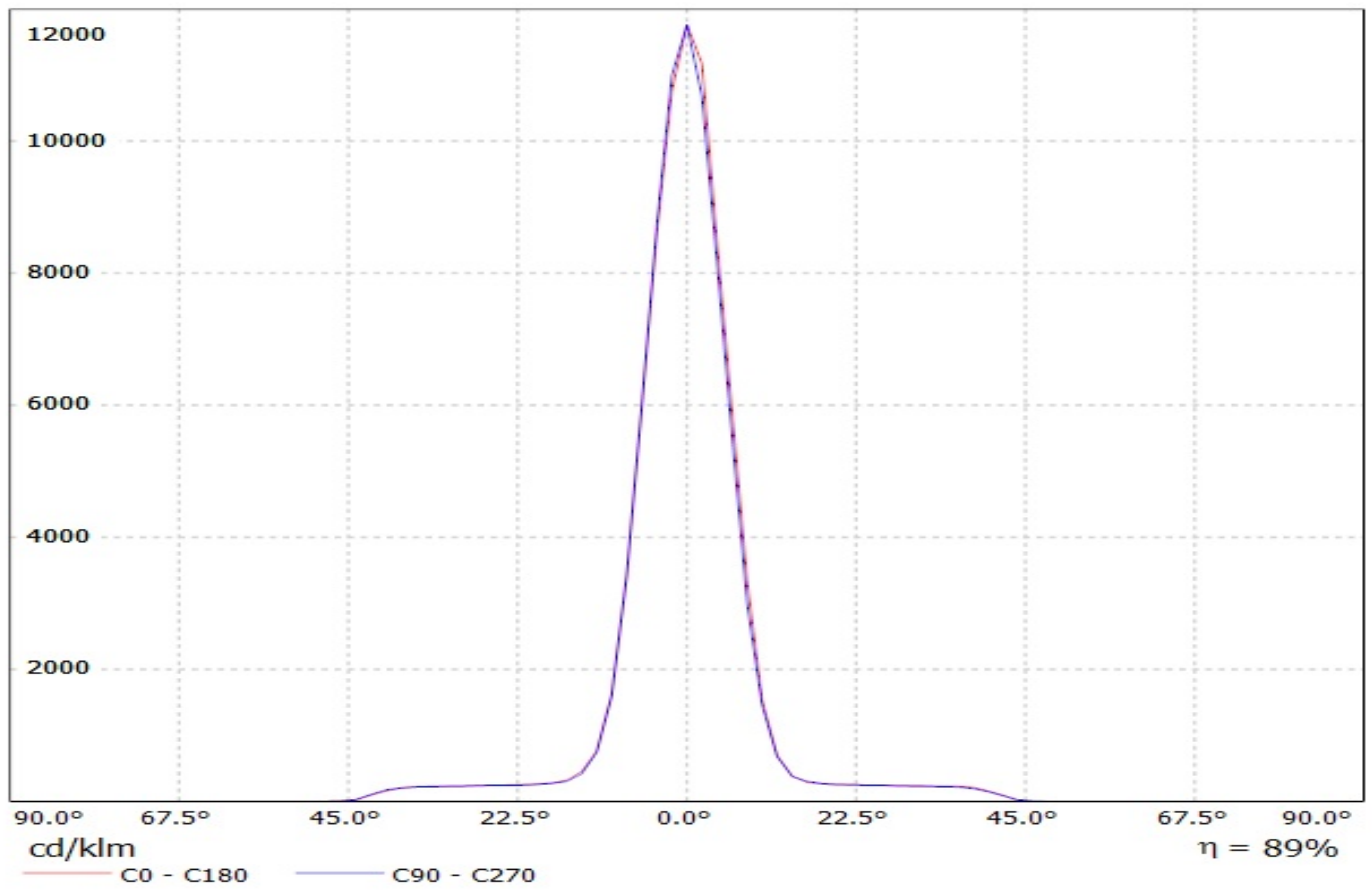
A

1

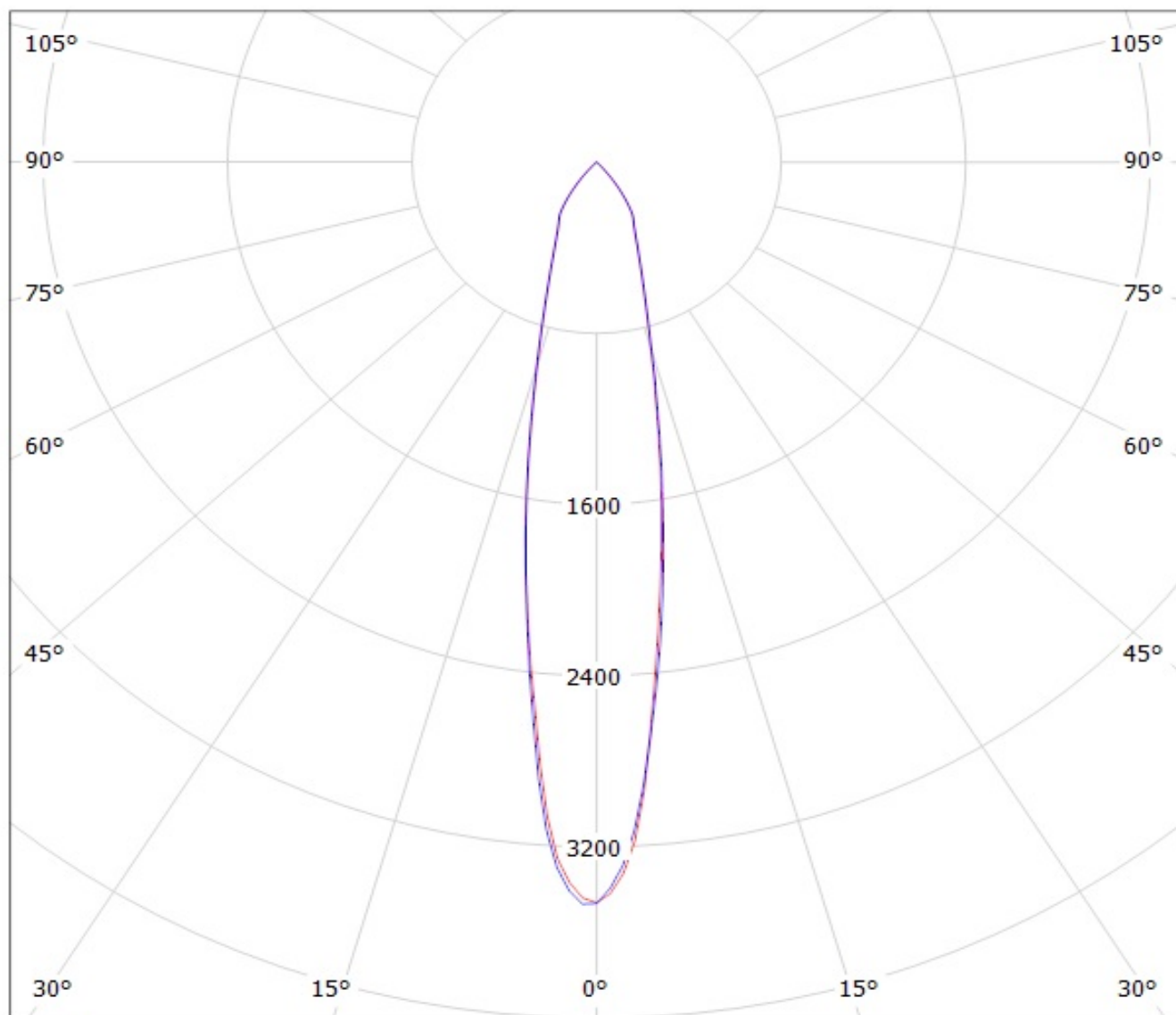
Luminaire: LEDiL Oy CN13917_MIRELLA-50-S-PF-VERO10_(VERO10) Eff. 88%
Lamps: 1 x Bridgelux_VERO10_(BXRC-30E1000B) 660lm@250mA_CCT=3000K_P=6.21802W_I=249.8mA



Luminaire: LEDil Oy CN13917_MIRELLA-50-S-PF-VERO10_(Ostar_Lighting+) Efficiency=87%
Lamps: 1 x Osram Ostar Lighting+ (236lm @ 250mA) CCT=3100K P=3.2W I=250mA



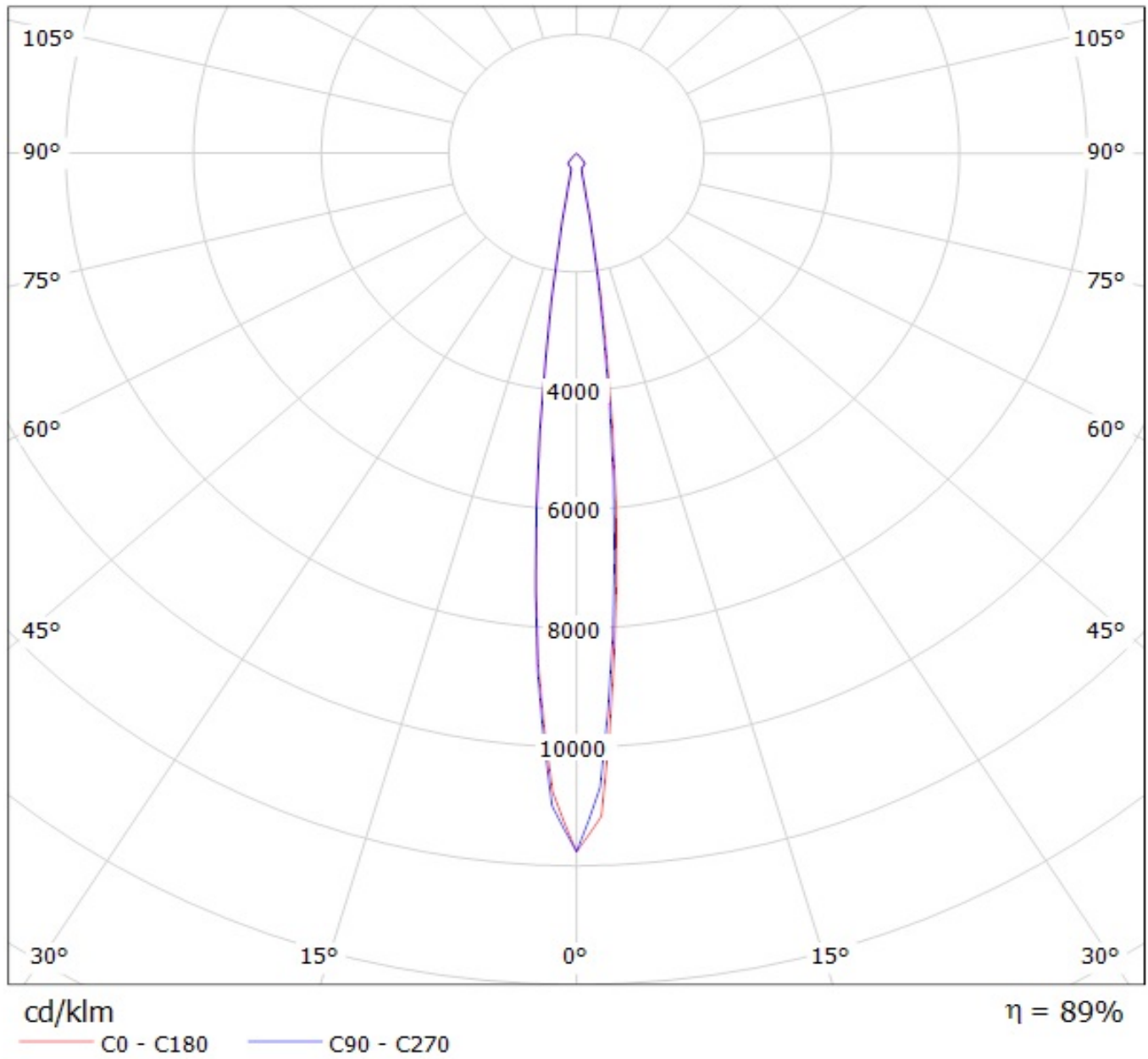
Luminaire: LEDiL Oy CN13917_MIRELLA-50-S-PF-VERO10_(VERO10) Eff: 88%
Lamps: 1 x Bridgelux_VERO10_(BXRC-30E1000B) 660lm@250mA_CCT=3000K_P=6.21802W_I=249.8mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy CN13917_MIRELLA-50-S-PF-VERO10_(Ostar_Lighting+) Efficiency=87%
Lamps: 1 x Osram Ostar Lighting+ (236lm @ 250mA) CCT=3100K P=3.2W I=250mA



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.

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.