PRODUCT DATASHEET
Mirella series
last update 1/11/2016

DETAILS



Product Number	CN13767_MIRELLA-50-S-DL-PF
Family	Mirella
Type	RefPack
Color	metal
Diameter	49,9 mm
Height	25,7 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	
Status	production ready
ROHS Comliant	Yes
Date Updated	1/11/2016

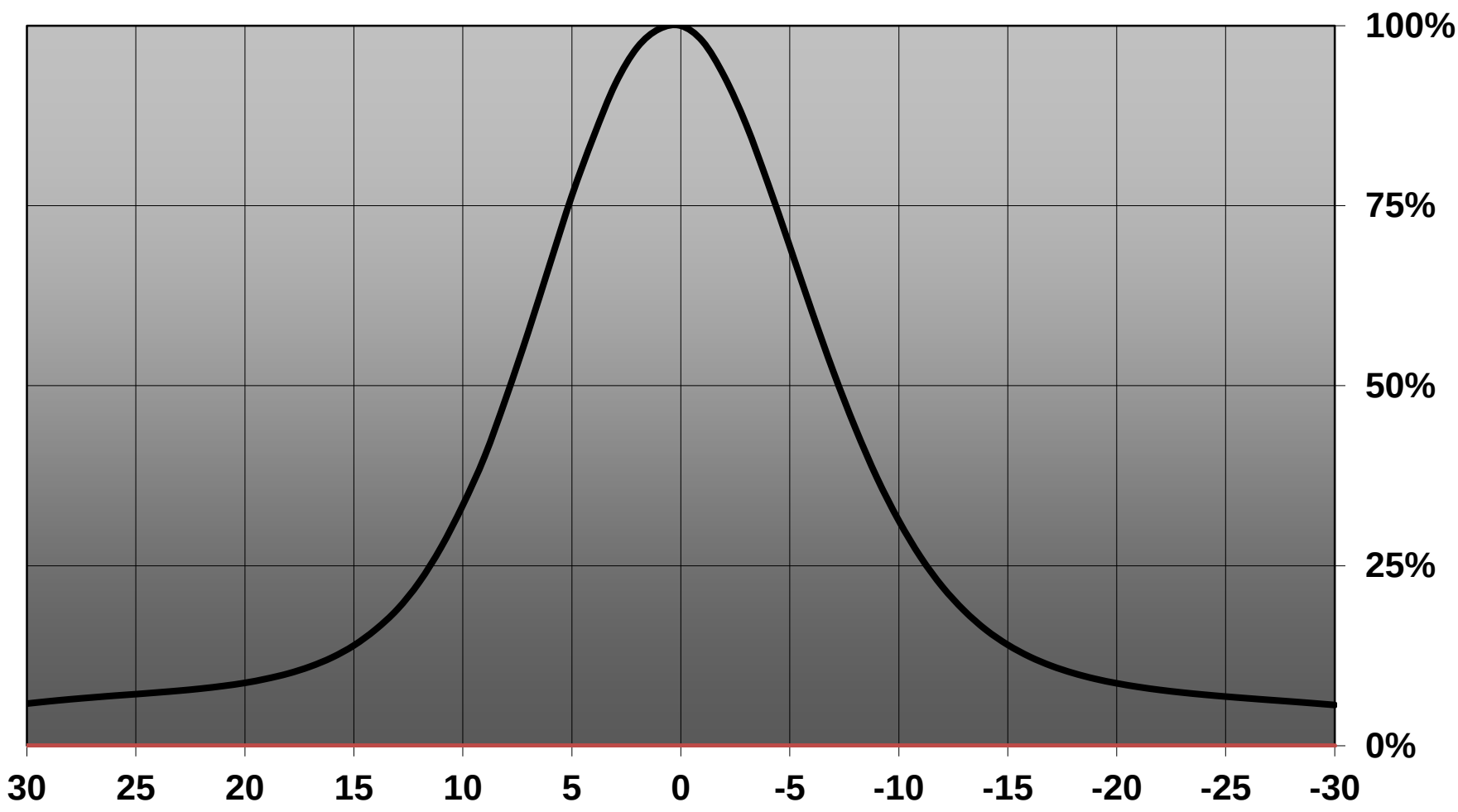
OPTICAL PROPERTIES

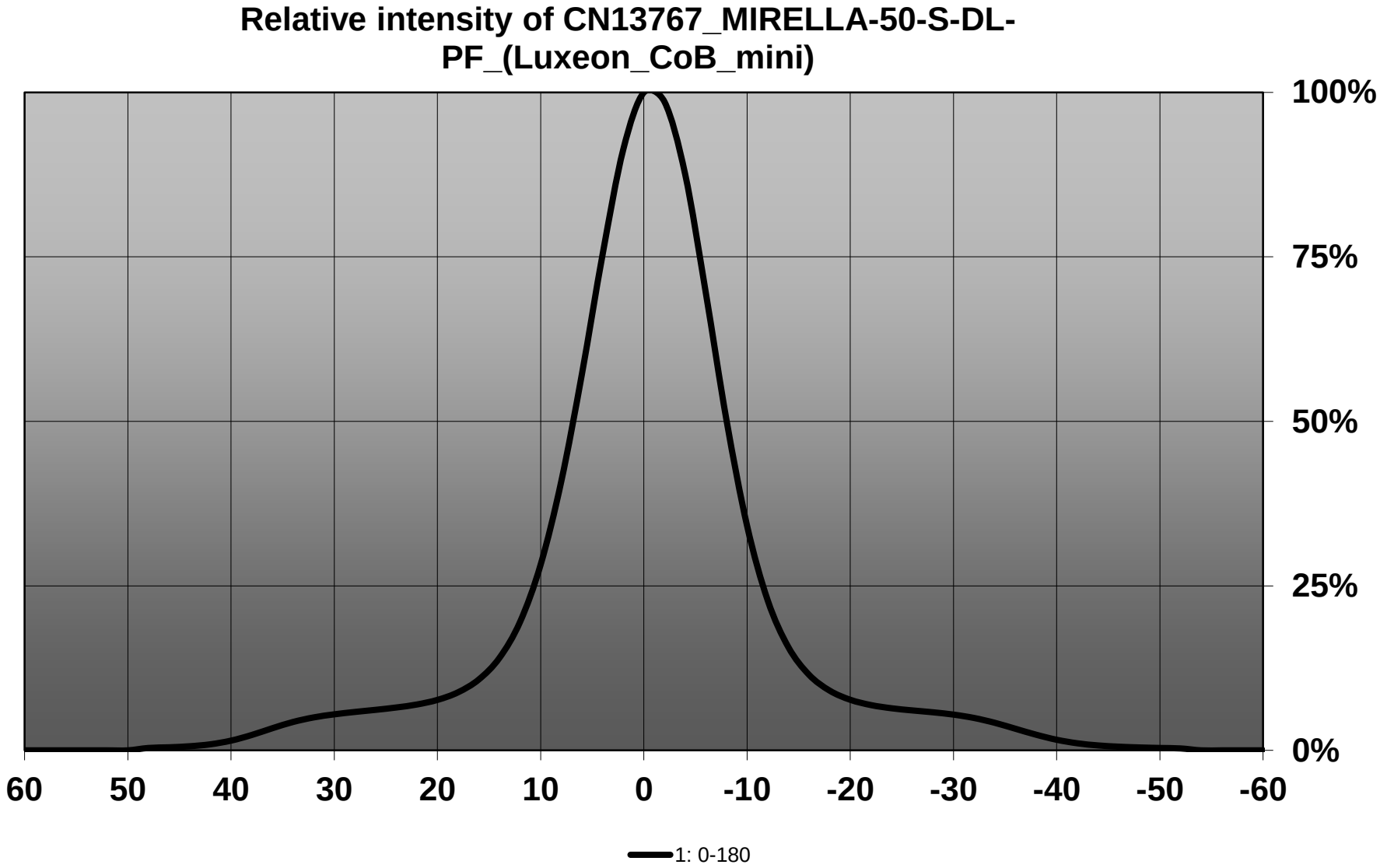
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
V6 Gen6	15 deg	Spot	84 %	5.500	-
V8 Gen6	18 deg	Spot	85 %	4.100	-
CXA/B 15xx	21 deg	Spot	87 %	3.400	-
CXA/B 13xx	15 deg	Spot	81 %	5.400	-
LUXEON K4	sim: 42	Spot	sim: 84 %	sim: 1.210	-
LUXEON CoB 1202s	15 deg	Spot	84 %	5.900	LEDiL: LEDiL
LUXEON CoB Compact	sim: 15	Spot	sim: 84 %	sim: 4.800	LEDiL: LEDiL
Soleriq P6	16 deg	Spot	82 %	4.800	-
Soleriq P9	21 deg	Spot	84 %	3.240	-
STARK SLE PURE G3 LES10	20 deg	Spot	83 %	3.800	-

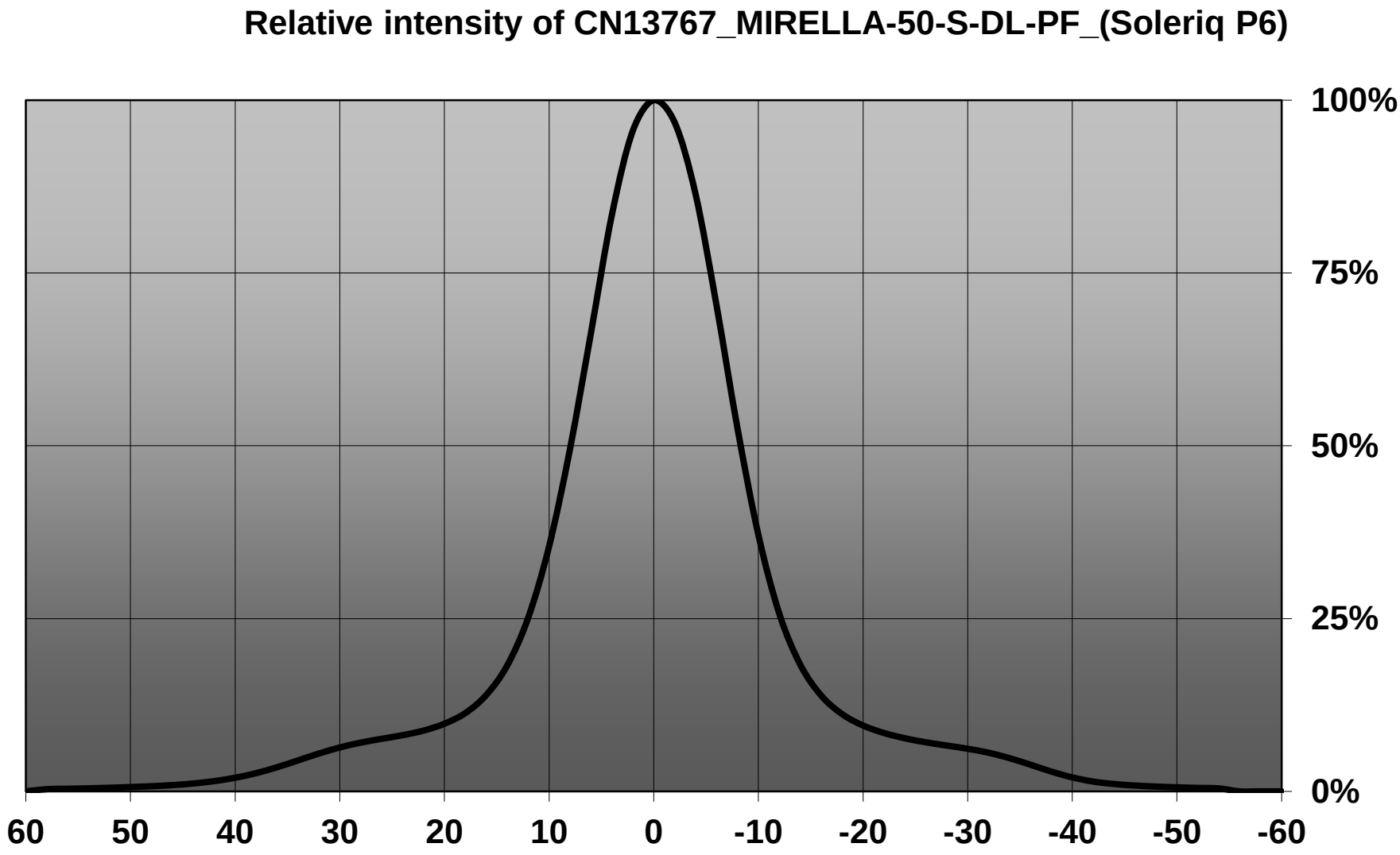
Ledil Oy
Salorankatu 10
24240 SALO, Finland

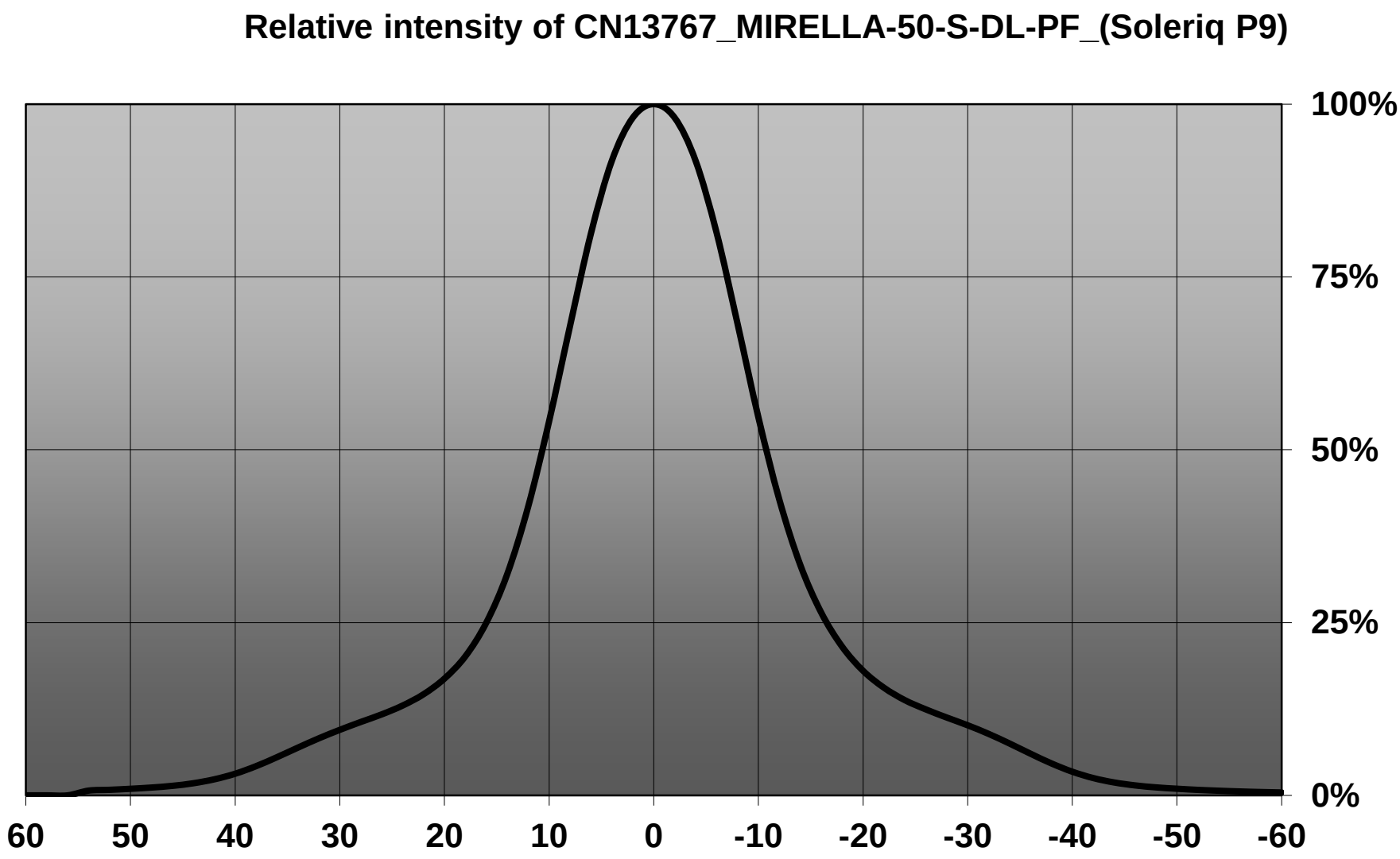
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

Relative intensity of CN13767_MIRELLA-50-S-DL-PF_(CXA1304)



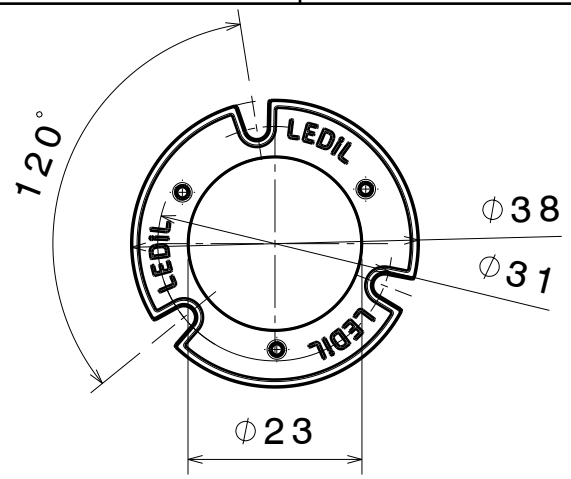

Relative intensity of CN13767_MIRELLA-50-S-DL-PF_(Luxeon_CoB_mini)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
1: 0-180


Relative intensity of CN13767_MIRELLA-50-S-DL-PF_(Soleriq P6)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60

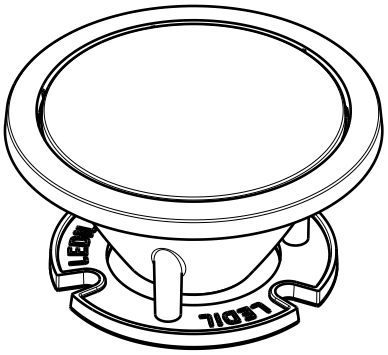

Relative intensity of CN13767_MIRELLA-50-S-DL-PF_(Soleriq P9)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60

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

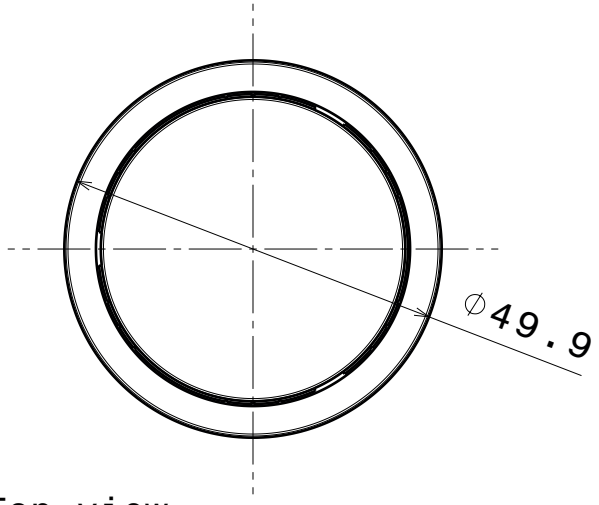
http://www.delo.de/fileadmin/datasheet/DELO-PUR_9895_(TIDB-GB).pdf



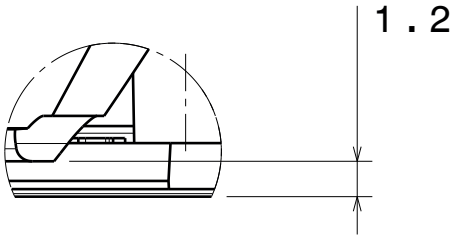
Front view



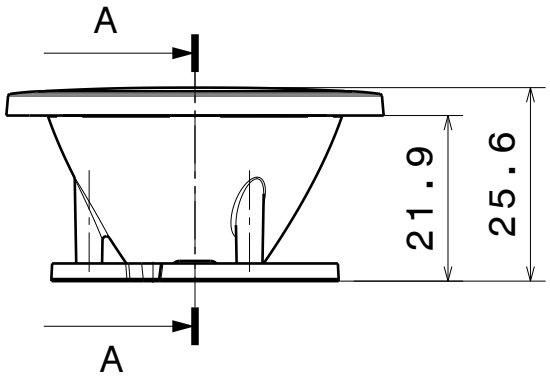
Isometric view



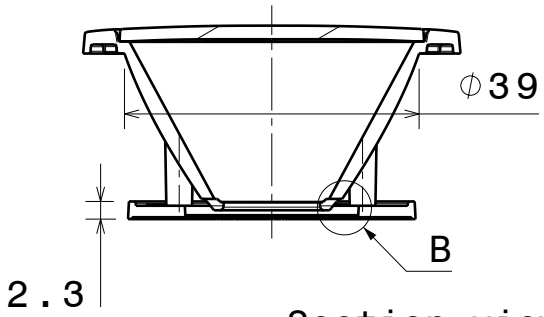
Top view



Detail B



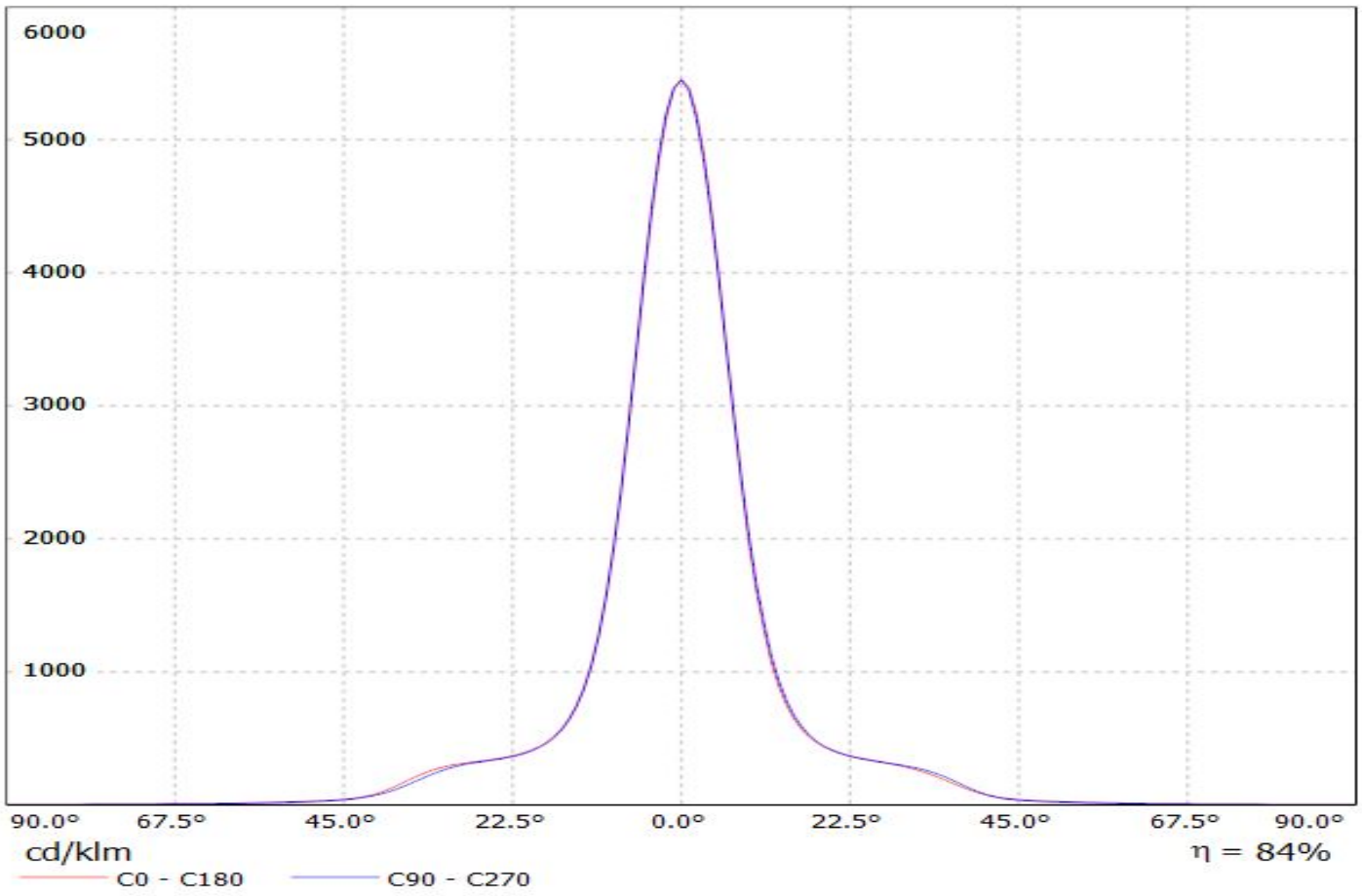
Front view



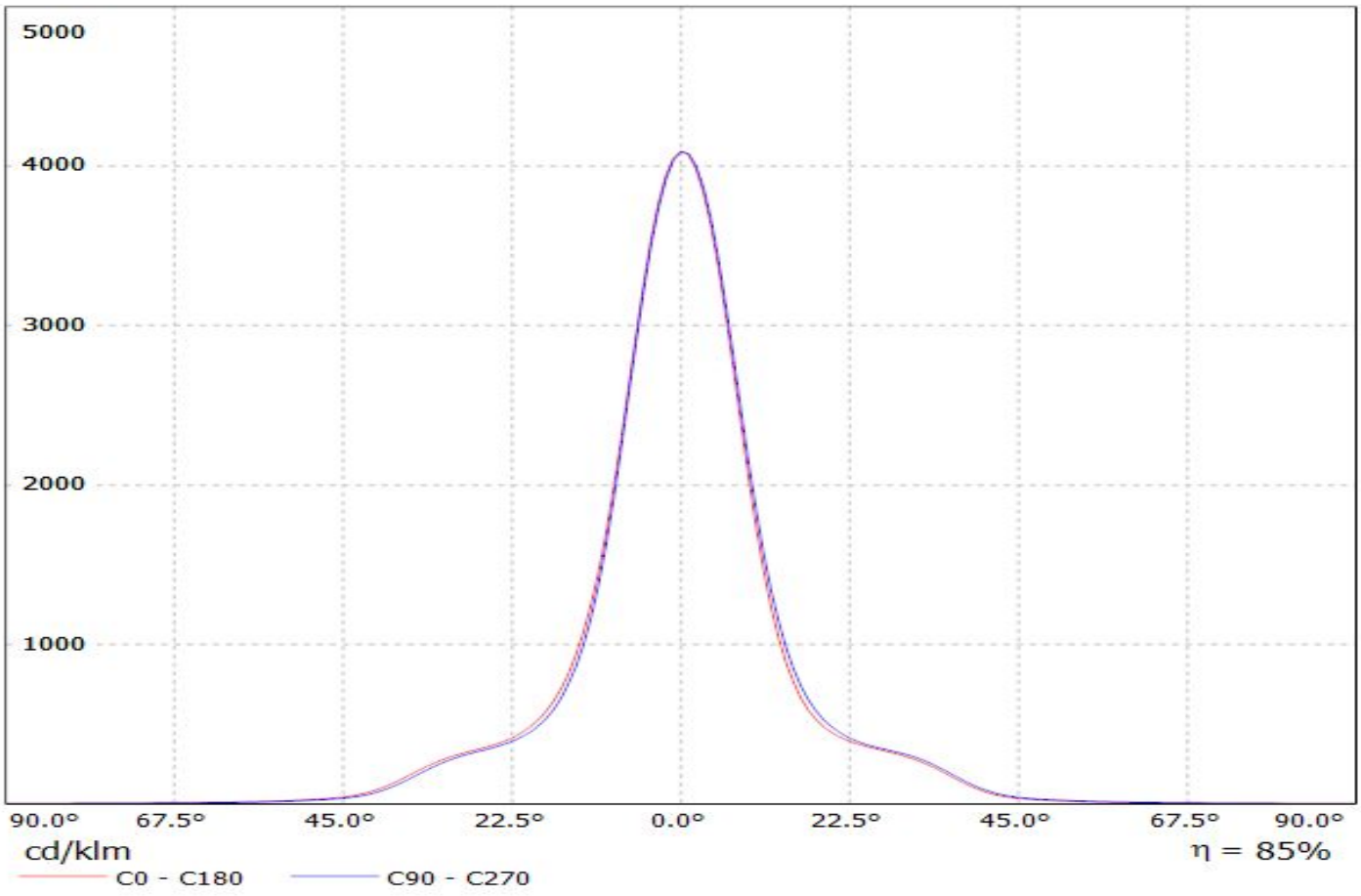
Section view A-A

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 Oy Salorankatu 10 FIN 24240 SALO Finland
THIRD ANGLE PROJECTION:	DRAWING TITLE MIRELLA-PF CXA15 Datasheet
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.	SIZE A4 / PART NUMBER -
	SCALE 1:1 / WEIGHT - / SHEET 1/1

Luminaire: LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(V6) Eff.83.9%
Lamps: 1 x BRIDGELUX_V6_488.215lm@250mA_P=5.22041W_I=249.9mA

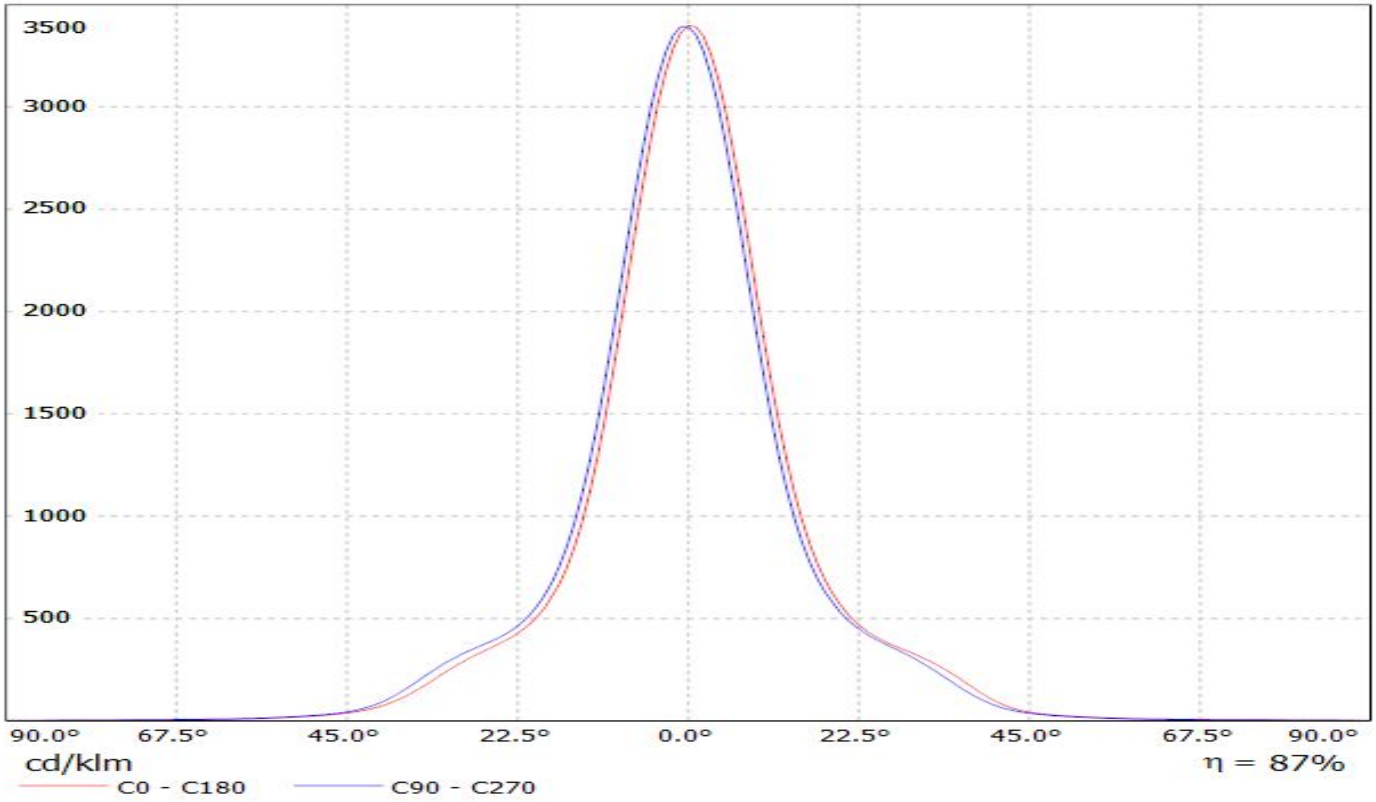


Luminaire: LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(V8) Eff.84.8%
Lamps: 1 x BRIDGELUX_V8_847.064lm@250mA_P=8.83692W_I=249.8mA

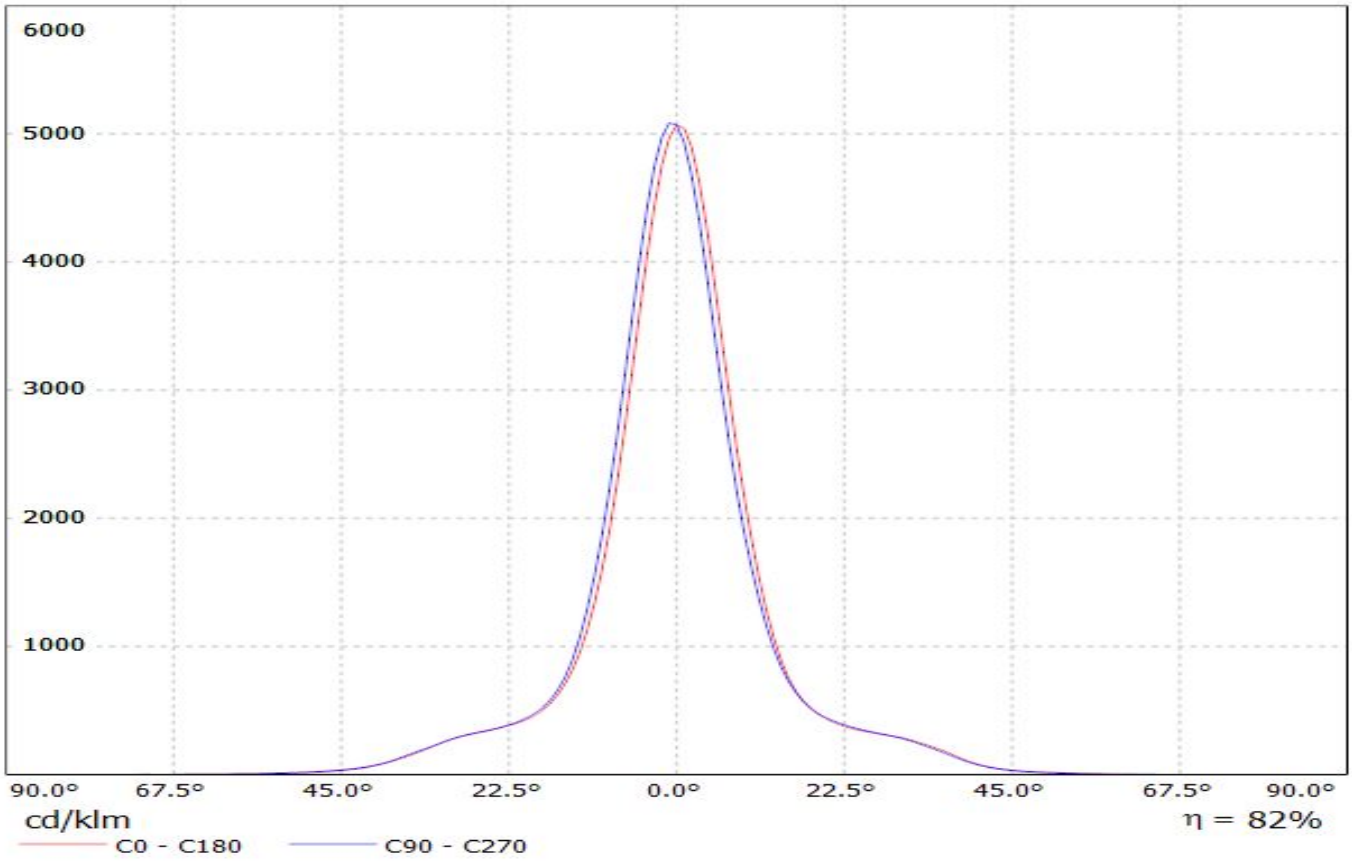


LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(CXA1507) Eff.86.9% / LDC (Linear)

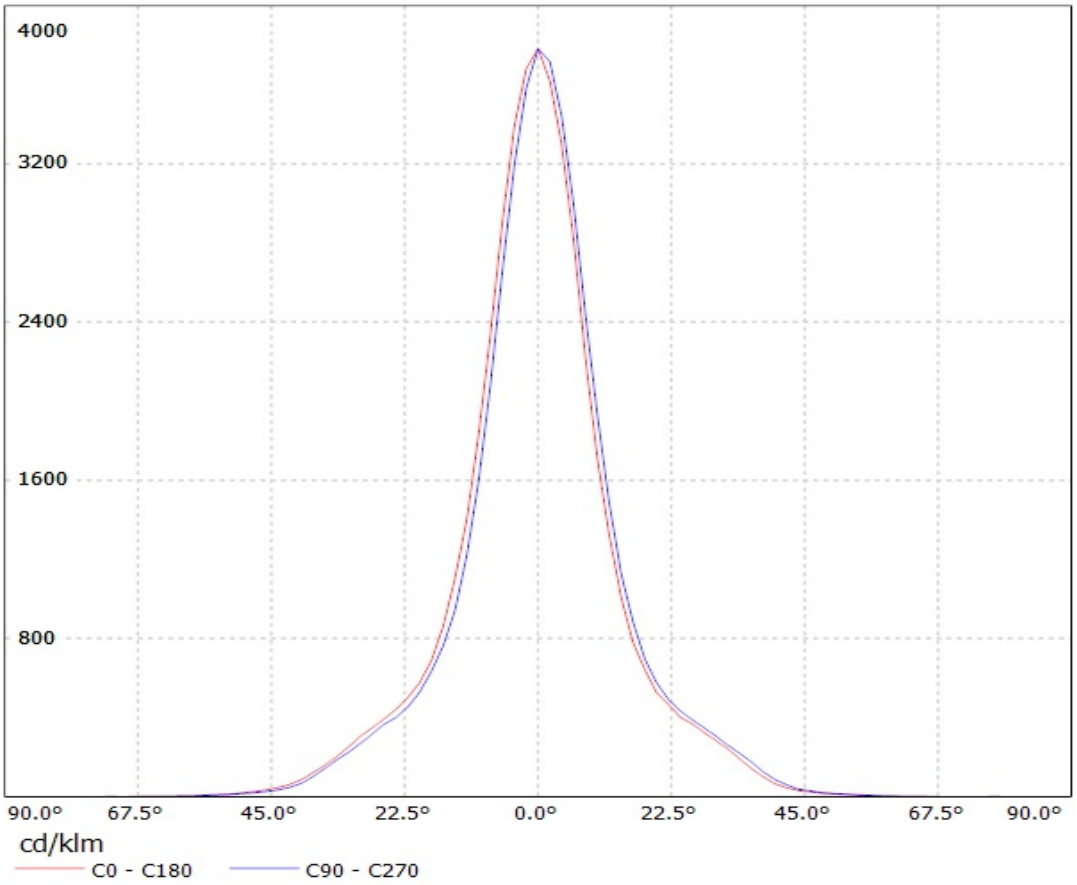
Luminaire: LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(CXA1507) Eff.86.9%
Lamps: 1 x CREE_CXA1507 (CXA1507-30F-F2-N0A-00000) 238.378lm@50mA CCT=3000K P=1.8506W I=54.5mA



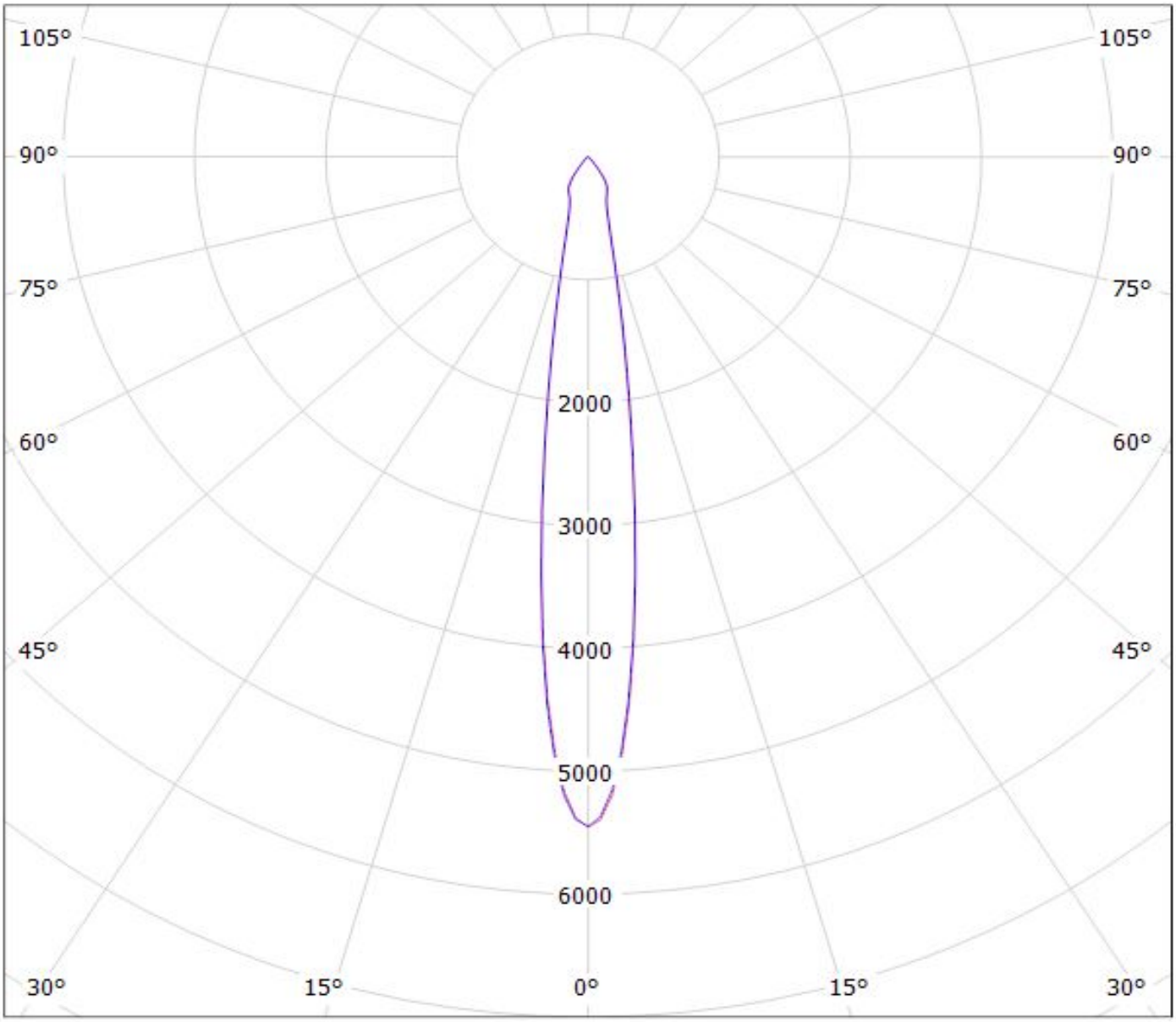
Luminaire: LEDil Oy CN13767_MIRELLA-50-S-DL-PF_(CXA1304)
Lamps: 1 x CREE CXA1304 (CXA1304-30F-B2-C0H) 280lm@250mA U: 8.73V U: 2.18W



Luminaire: LEDil Oy CN13767_MIRELLA-50-S-DL-PF_(STARK_SLE_G3_LES10) Efficiency=83%
Lamps: 1 x Tridonic Stark SLE G3 LES10 (STARK-SLE-PURE-G3-10-1000-830-CLA) 453lm @ 250mA CCT=3000K P=4.3W I=250mA



Luminaire: LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(V6) Eff.83.9%
Lamps: 1 x BRIDGELUX_V6_488.215lm@250mA_P=5.22041W_I=249.9mA

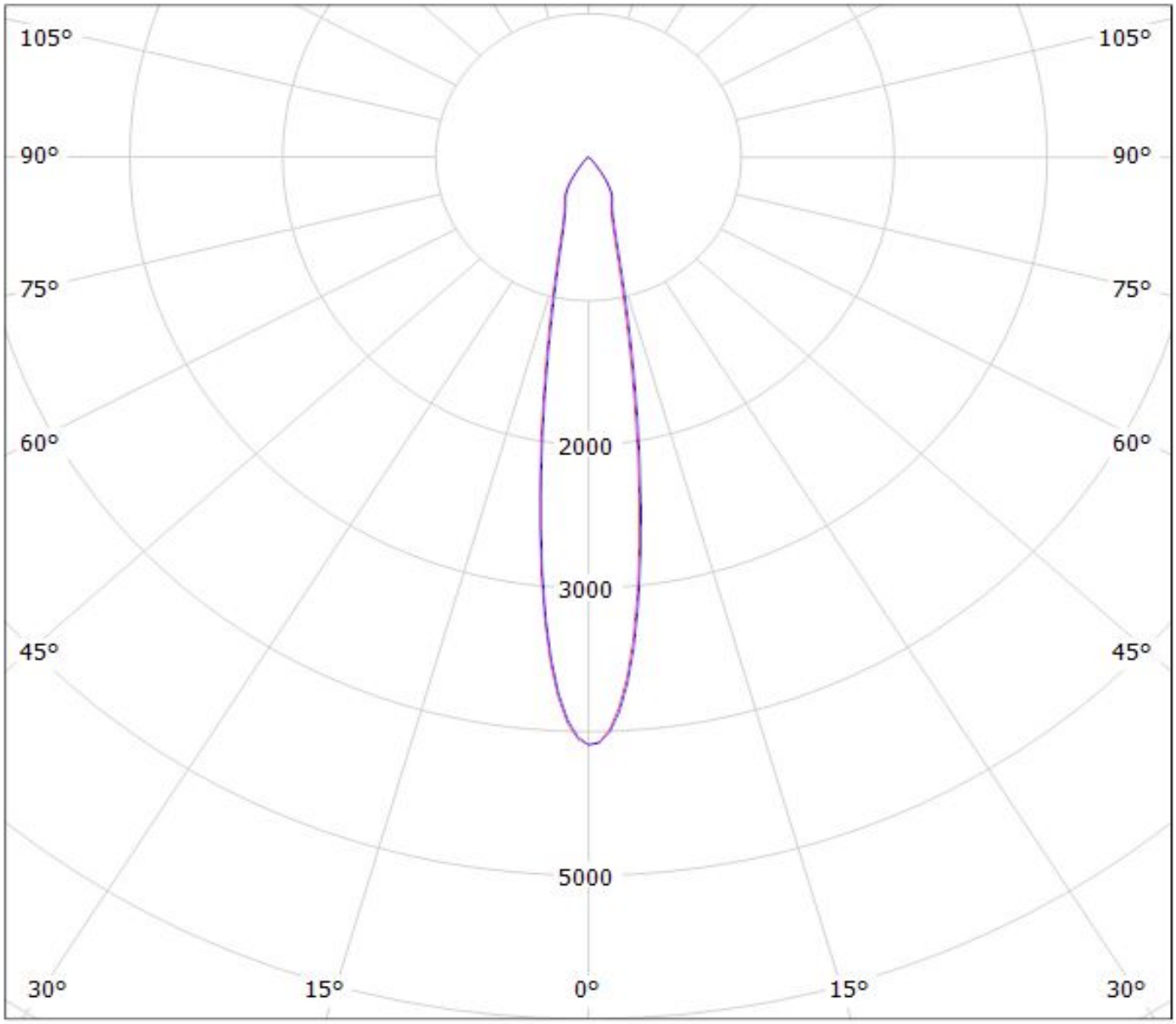


cd/klm

η = 84%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(V8) Eff.84.8%
Lamps: 1 x BRIDGELUX_V8_847.064lm@250mA_P=8.83692W_I=249.8mA



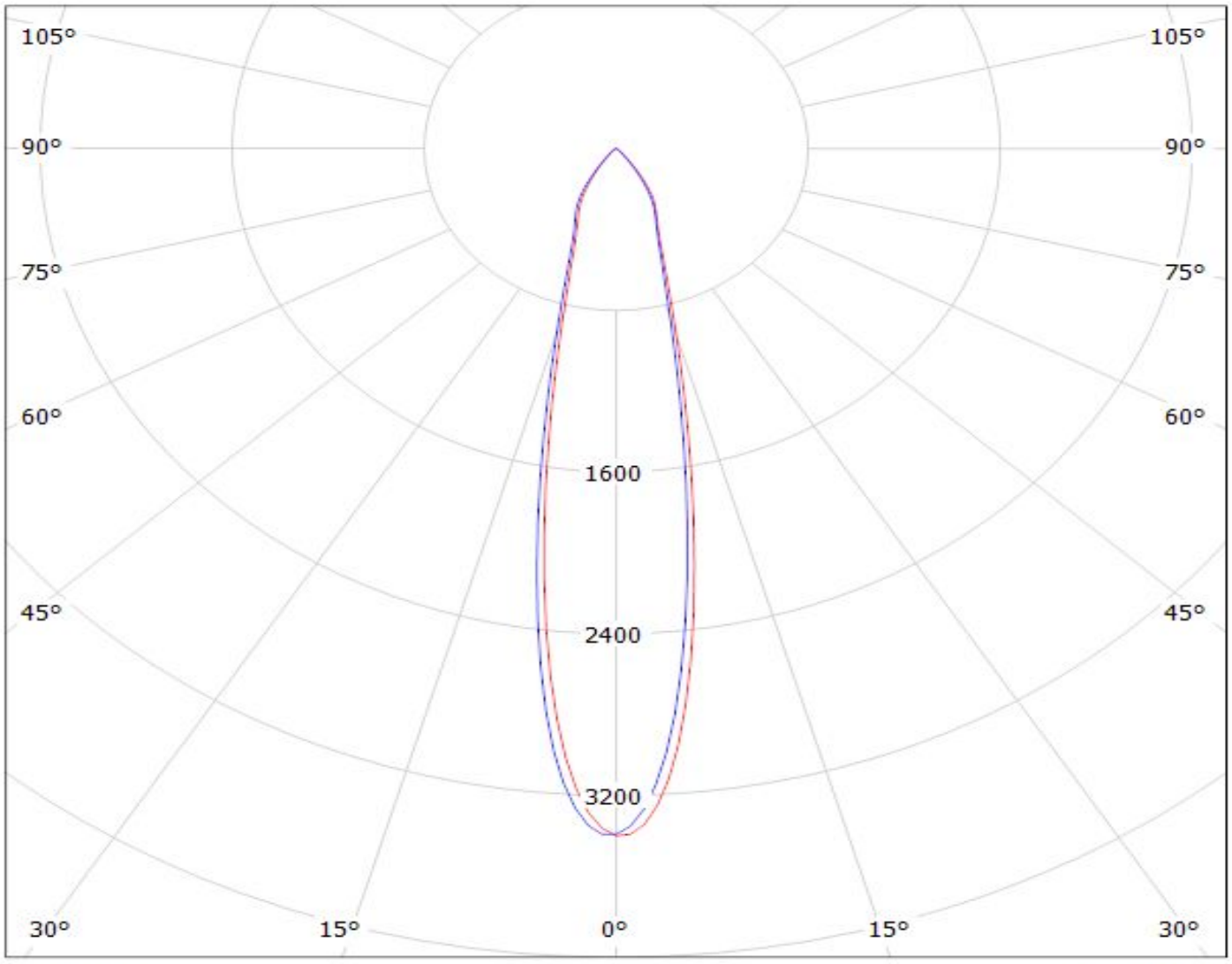
cd/klm

η = 85%

C0 - C180 C90 - C270

LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(CXA1507) Eff.86.9% / LDC (Polar)

Luminaire: LEDiL Oy CN13767_MIRELLA-50-S-DL-PF_(CXA1507) Eff.86.9%
Lamps: 1 x CREE_CXA1507 (CXA1507-30F-F2-N0A-00000) 238.378lm@50mA CCT=3000K P=1.8506W I=54.5mA

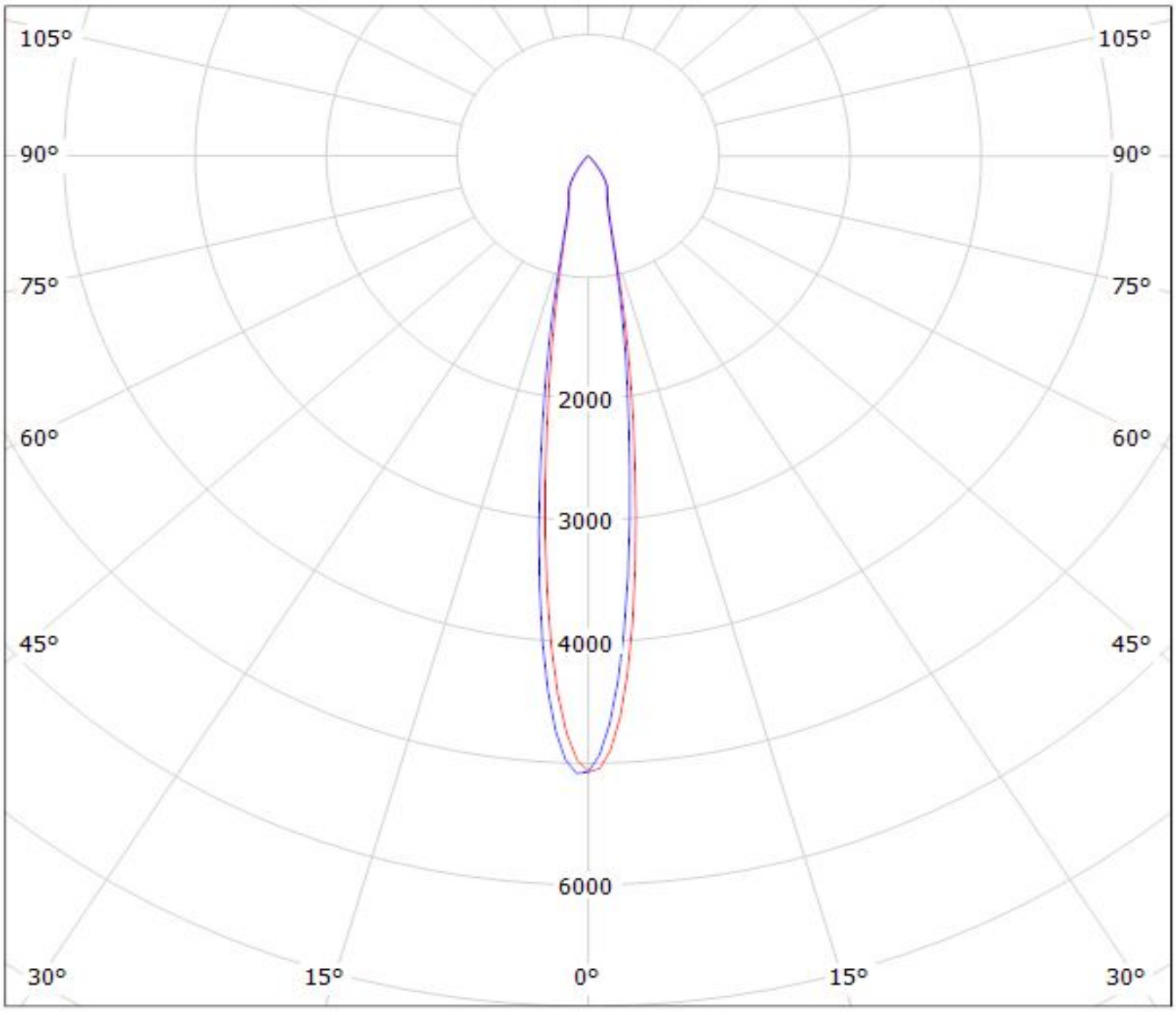


cd/klm

η = 87%

C0 - C180 C90 - C270

Luminaire: LEDil Oy CN13767_MIRELLA-50-S-DL-PF_(CXA1304)
Lamps: 1 x CREE CXA1304 (CXA1304-30F-B2-C0H) 280lm@250mA U: 8.73V U: 2.18W

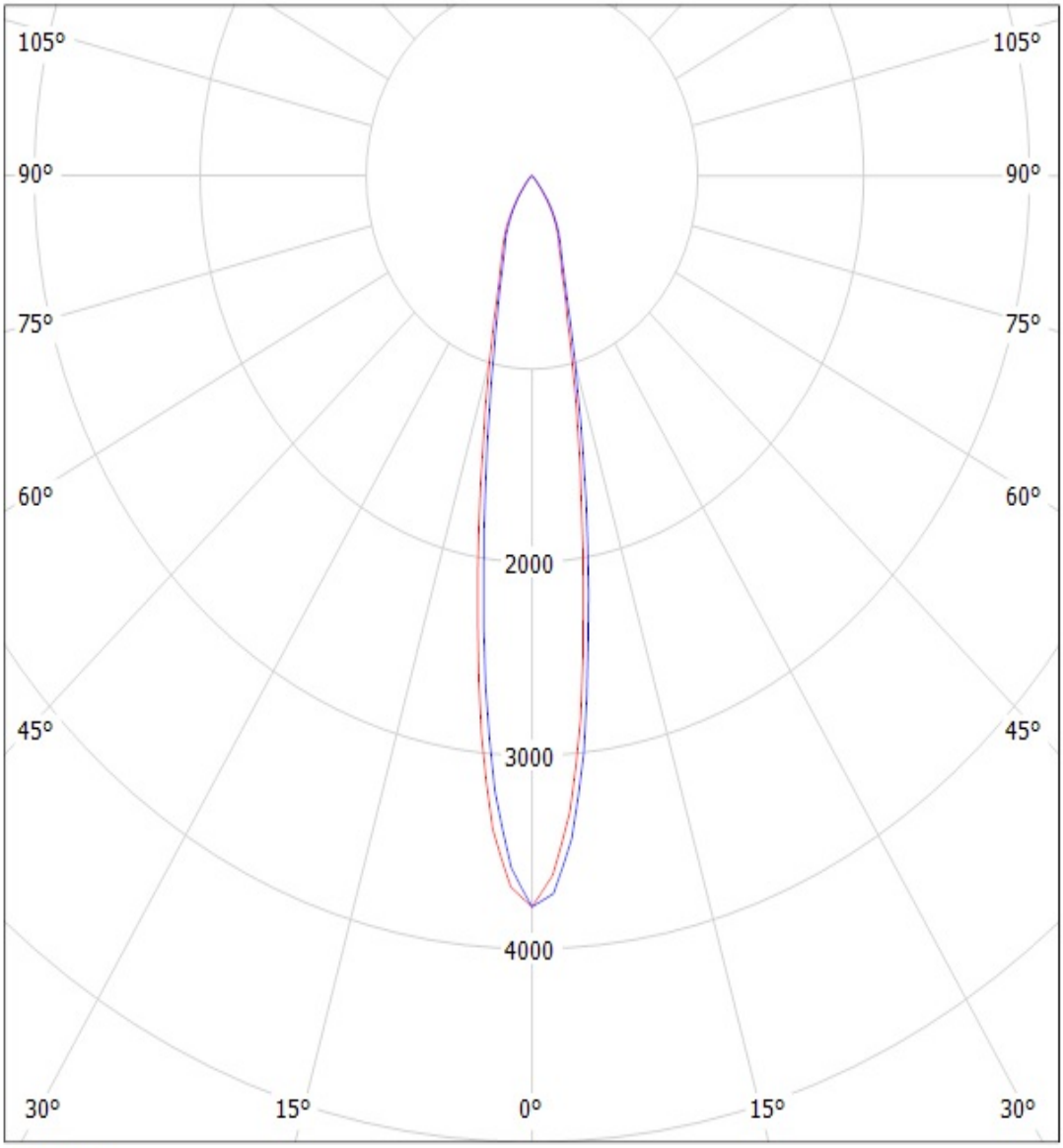


cd/klm

η = 82%

C0 - C180 C90 - C270

Luminaire: LEDil Oy CN13767_MIRELLA-50-S-DL-PF_(STARK_SLE_G3_LES10) Efficiency=83%
Lamps: 1 x Tridonic Stark SLE G3 LES10 (STARK-SLE-PURE-G3-10-1000-830-CLA) 453lm @ 250mA CCT=3000K P=4.3W 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.