

### DETAILS

<b>Product Number</b>	FP15073_ZORYA-SC-50
<b>Family</b>	Zorya
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	56 mm
<b>Height</b>	29,1 mm
<b>Style</b>	round
<b>Optic Material</b>	Silicone
<b>Holder Material</b>	PC
<b>Fastening</b>	socket
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	7/06/2016

### OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CLL03x/CLU03x	sim: 253	Decorative...	sim: 97 %	sim: 0.121	BJB: 47.319.2021
CLU710	sim: 268	Decorative...	sim: 98 %	sim: 0.113	BJB: 47.319.2021
CLU720	sim: 265	Decorative...	-	sim: 0.111	BJB: 47.319.2021
CLL04x/CLU04x	sim: 165	Decorative...	sim: 97 %	sim: 0.153	BJB: 47.319.2030
CLU730	sim: 264	Decorative...	-	sim: 0.114	BJB: 47.319.2030
CXA/B 25xx	sim: 240	Decorative...	sim: 97 %	sim: 0.130	BJB: 47.319.2040
CXA/B 1816 & CXA/B 1820 & CXA 1850	sim: 266	Decorative...	sim: 95 %	sim: 0.113	BJB: 47.319.2131
CXA/B 30xx	sim: 242	Decorative...	sim: 97 %	sim: 0.131	BJB: 47.319.2151
LUXEON CoB 1204/1205	sim: 263	Decorative...	sim: 97 %	sim: 0.115	BJB: 47.319.2011
Mega Zenigata (GW5DGC)	sim: 257	Decorative...	sim: 96 %	sim: 0.118	BJB: 47.319.2011
Mega Zenigata (GW6DME)	sim: 250	Decorative...	sim: 96 %	sim: 0.130	BJB: 47.319.2011
ZC12/18	sim: 265	Decorative...	sim: 97 %	sim: 0.114	BJB: 47.319.2021
SLE G5 LES15	sim: 262	Decorative...	sim: 97 %	sim: 0.115	BJB: 47.319.2021
LUXEON CoB 1211	sim: 222	Decorative...	sim: 92 %	sim: 0.142	BJB: 47.319.2314
ZC25/40	sim: 166	Decorative...	sim: 97 %	sim: 0.155	BJB: 47.319.2030
BXRA ES Rectangle	sim: 256	Decorative...	-	sim: 0.130	BJB: 47.319.2040
Soleriq S19	sim: 246	Decorative...	sim: 97 %	sim: 0.130	BJB: 47.319.2170
LUXEON CoB 1208	sim: 253	Decorative...	sim: 94 %	sim: 0.110	BJB: 47.319.2011



4

4

3

3

2

2

1

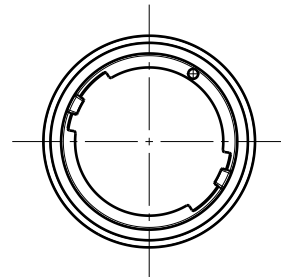
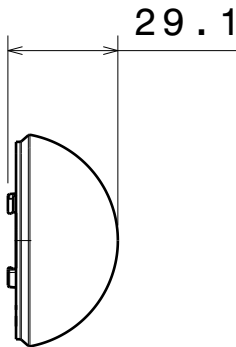
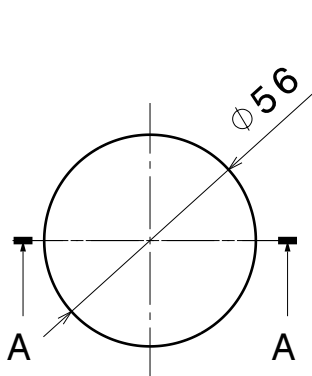
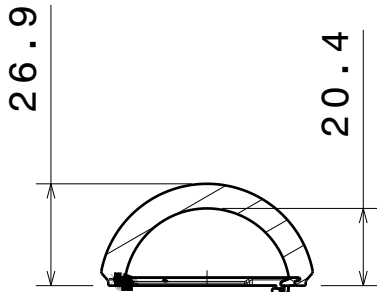
1

D

C

B

A



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	ZORYA-SC-50	LENS	Silicone	
2	ZORYA-SC-50	ADAPTER	PC	White

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

ZORYA-SC-50\_MECHMODEL

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SIZE

A4

PART NUMBER

ZORYA-SC-50

SCALE

1:2

WEIGHT

26,55 g

SHEET

1 / 1

D

A

Recommendations:  
DIN912 M3 screws  
Max. torque 0,8 Nm

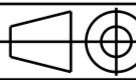
Press adapter through  
connector keyholes.

Press down the lens  
until the inner ledge of  
lens adjusts entirely to  
the groove.

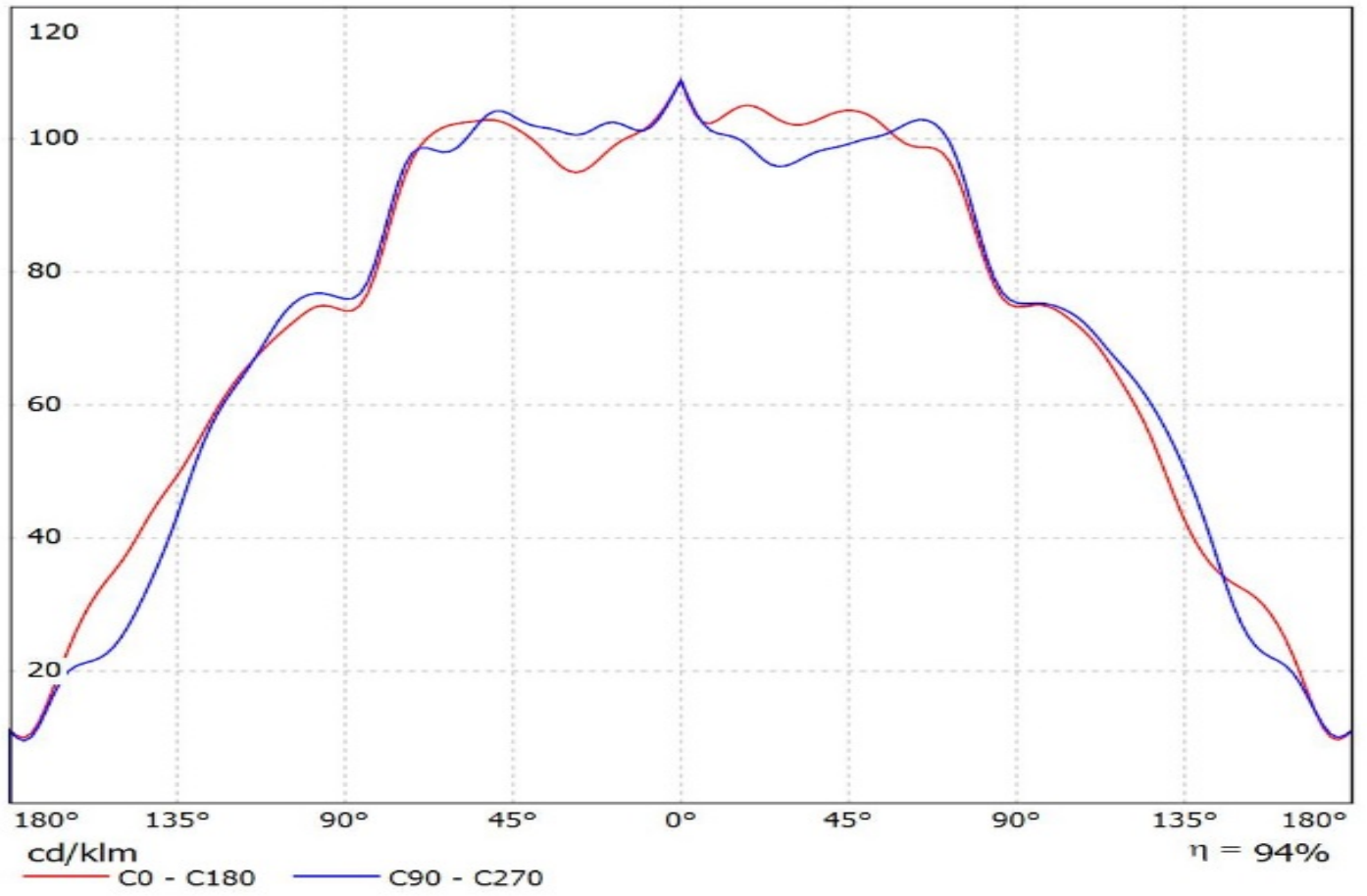
Recommendations for heatsink:  
Max. diameter 50mm for best  
optical performance

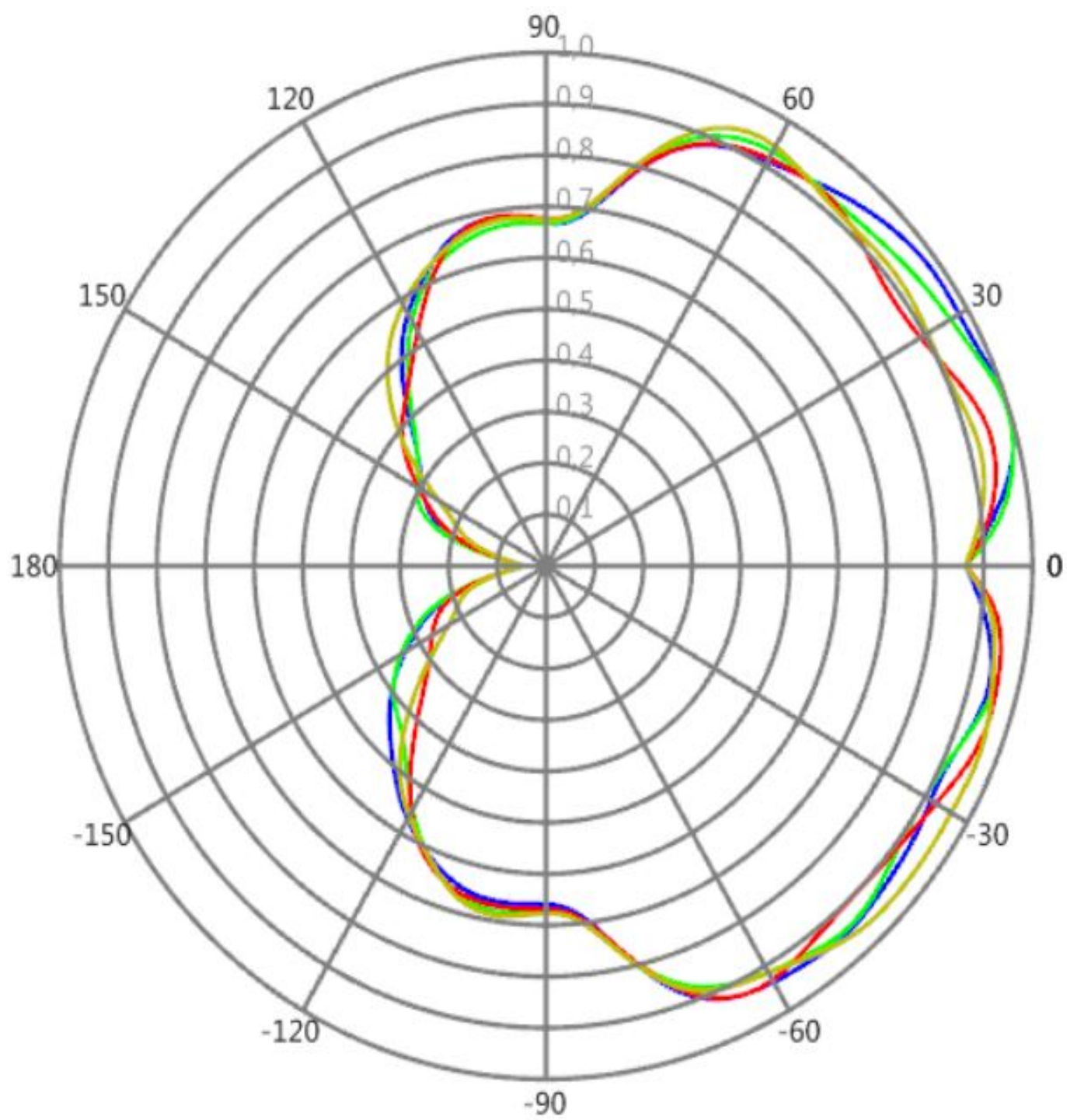
Twist adapter clock-  
wise until hooks adapt.

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15074	ZORYA-SC	Silicone	
2	F15076	ZORYA-SC-ADAPTER-50	PC	white
3	COB LED	LES 6-24mm		
4	Connector	BJB		
5	M3 screw	DIN912		
6	Heatsink	Ø50mm		

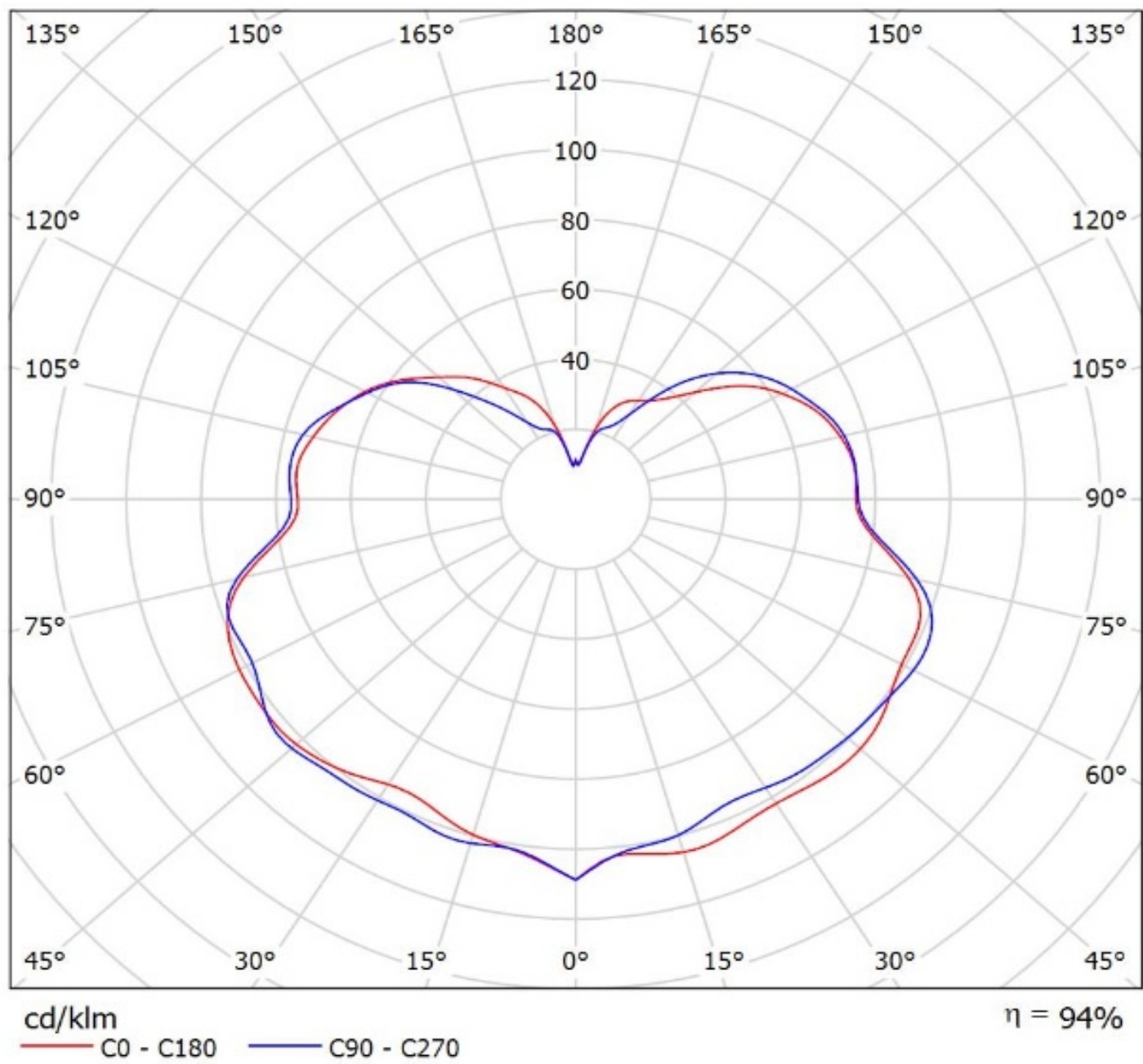
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		LEDiL LediL Oy Salorankatu 10 FIN 24240 SALO Finland		
		DRAWING TITLE FA15073_ZORYA-SC-50		
THIRD ANGLE PROJECTION: 		SIZE A2	PART NUMBER FA15073	
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Luminaire: Ledil Oy FP15073\_ZORYA-SC-50\_(Luxeon\_CoB\_1208)\_(47\_319\_2011)\_SIMULATED  
Lamps: 1 x Lumileds Luxeon CoB 1208 + BJB connector 47.319.2011





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**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.