

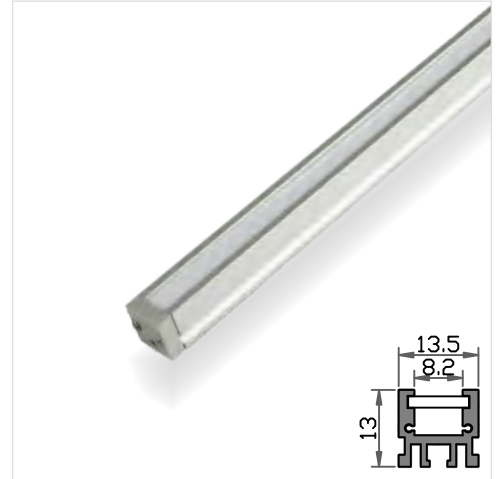
LC03 Waterproof Channel Light Specification Sheet



PHYSICAL

Product Type	LC03
Size	13.5 x 13mm
Working Voltage	12V / 24V DC
Aluminum Profile color	Silver / Black
Cover	Transparent / Milky
CRI	90
Available Lengths	0.3-2m
IP Rating	IP20, IP54, IP67
Working Temperature	0°C-40°C
Storage Temperature	-20°C-70°C
Lifespan	50000h
Dimmable	Yes

LC03 is one of our exclusive designed LED aluminum channel lights with a size of 13.5*13mm only. It's super slim and it is easy to fit under any cabinets or shelves with matched clips and brackets. Since LC03 is produced to be well-sealed, the excellent waterproof function enables it to be safely applied in any outdoor environments. It is not only a compact lighting fixture, but also a kind of decoration.



PRODUCT RANGE

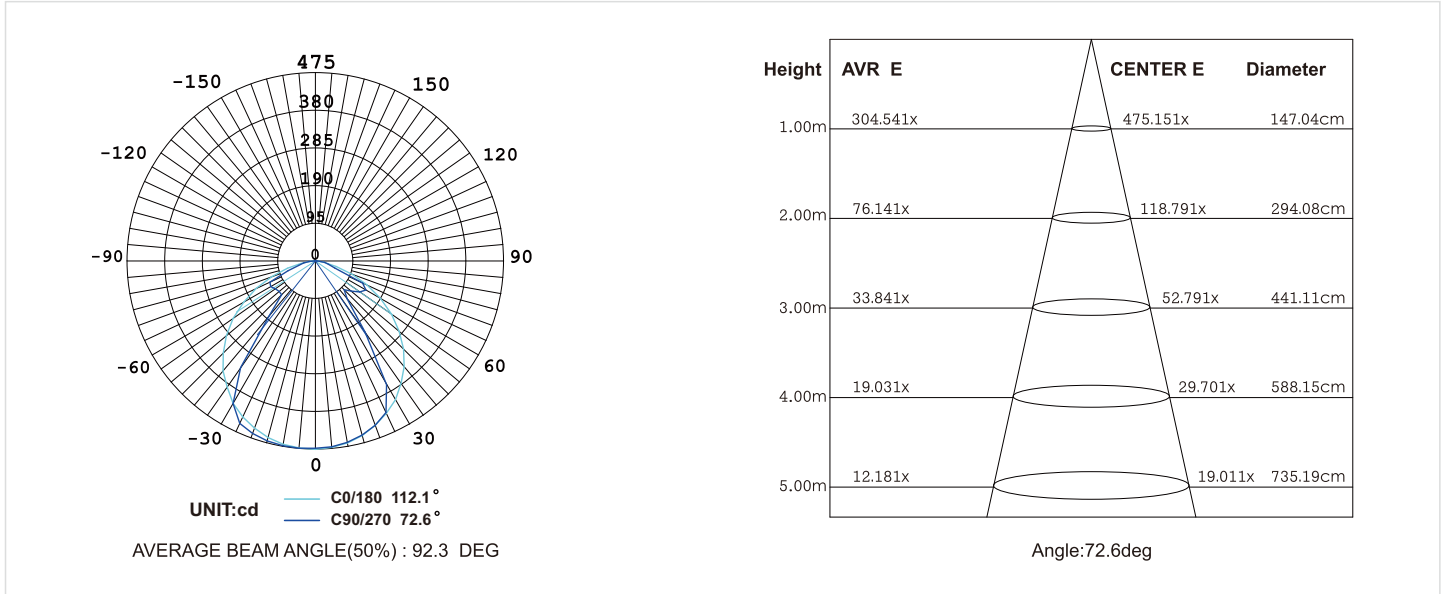
Part No.	LEDs/m	Wattage	CCT	Luminous Flux
LC03-2835V120S10C12(24)-U	120LED/s	15W/m	2700K	960lm/m
LC03-2835W120S10C12(24)-U	120LED/s	15W/m	3000K	985lm/m
LC03-2835N120S10C12(24)-U	120LED/s	15W/m	4000K	1070lm/m
LC03-2835C120S10C12(24)-U	120LED/s	15W/m	6000K	1070lm/m

The luminous flux with diffuser cover

SKU Builder Direction

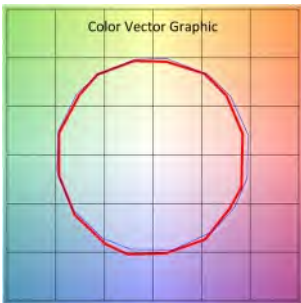
X1 Product Name	X2 LED Type	X3 CCT	X4 LEDs	X5 Profile Color	X6 Length	X7 Cover	X8 Voltage	X9 CRI
Code	Code	Code	Code	Code	Code	Code	Code	Code
LC03	2835 SMD2835	V 2700K	120 120LEDs/m	S Silver	03 300mm	C Transparent	12 12V DC	U CRI>90
		W 3000K		B Black	05 500mm	M Milky	24 24V DC	
		N 4000K			10 1000mm	E Without Cover		
		C 6000K						

Photometric Diagram



TM-30-15 Data

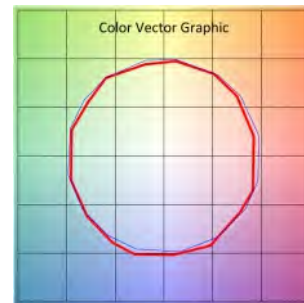
2700K Rf: 90.4 / Rg: 98.1



Test ■ Reference ■

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.5	-5.2%	1.3%
2	91.2	-3.0%	2.8%
3	91.3	-1.1%	3.7%
4	93.1	-3.0%	-0.6%
5	95.4	-1.6%	1.0%
6	95.5	0.3%	1.0%
7	94.1	-2.8%	-0.3%
8	96.1	-0.9%	1.7%
9	91.3	-1.2%	4.4%
10	88.9	0.9%	6.5%
11	89.7	3.4%	6.1%
12	88.2	5.5%	-2.4%
13	87.6	2.0%	-8.4%
14	84.8	2.5%	-10.9%
15	89.4	-3.6%	-3.4%
16	82.9	-4.1%	-10.7%

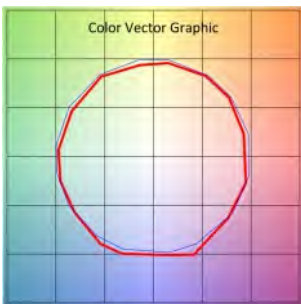
3000K Rf: 89.6 / Rg: 97.9



Test ■ Reference ■

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.1	-5.4%	1.1%
2	90.8	-3.2%	2.7%
3	90.5	-1.2%	3.9%
4	93.9	-1.9%	0.3%
5	92.5	-4.1%	0.8%
6	96.0	-0.3%	-0.3%
7	90.8	-4.5%	0.7%
8	95.4	-1.6%	1.8%
9	90.0	-1.6%	5.9%
10	85.4	0.1%	7.7%
11	86.8	3.5%	8.3%
12	88.4	5.7%	-0.5%
13	89.2	2.1%	-7.0%
14	84.9	3.3%	-10.5%
15	85.8	-2.4%	-6.5%
16	82.8	-3.0%	-11.3%

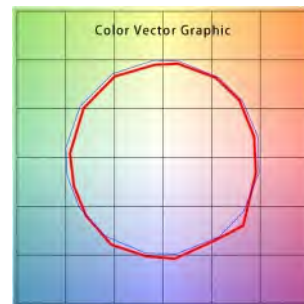
4000K Rf: 88.9 / Rg: 97.5



Test ■ Reference ■

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.8	-4.5%	1.0%
2	92.9	-2.0%	1.6%
3	92.4	-1.6%	2.4%
4	91.7	-3.0%	-0.6%
5	90.6	-5.5%	-0.3%
6	95.1	-2.4%	0.2%
7	91.4	-4.6%	2.1%
8	89.9	-3.3%	4.6%
9	86.0	-1.8%	9.2%
10	83.6	-0.7%	9.3%
11	83.8	4.6%	9.0%
12	88.7	5.0%	0.9%
13	90.2	1.3%	-5.9%
14	87.5	7.8%	-8.1%
15	86.1	-1.1%	-6.5%
16	84.7	-1.7%	-6.9%




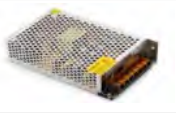







6000K Rf: 88.2 / Rg: 97.4



Test ■ Reference ■

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.3	-3.9%	1.0%
2	92.9	-2.1%	2.2%
3	91.6	-1.7%	2.1%
4	90.2	-2.6%	0.5%
5	88.0	-4.8%	0.0%
6	93.4	-3.5%	-0.5%
7	92.7	-4.2%	0.0%
8	86.4	-5.2%	5.0%
9	84.2	-4.5%	12.0%
10	78.8	-1.0%	12.0%
11	80.3	3.8%	10.5%
12	94.1	2.9%	1.8%
13	91.7	4.5%	-2.0%
14	91.6	1.0%	-3.9%
15	80.6	7.6%	-12.2%
16	93.4	-2.9%	-0.8%

Accessories

Picture	Part No.	Description
	LC03-MC	Mounting Clip: 2pcs for 1m channel
	LC03-MB	Mounting Clip: 2pcs for 1m channel
	SL-V-12XXXP SL-V-24XXXP	Plastic Power Supply,output: DC12V or 24V, Output Power Options: 12W,24W,36W,48W,60W,72W,96W,120W.
	SL-V-12XXXM SL-V-24XXXM	Metal Power Supply,output: DC12V or 24V, Output Power Options: 25W,50W,60W,100W,145W,200W,250W,350W,400W,500W.
	SL-V-12XXX SL-V-24XXX	Waterproof Power Supply,output: DC12V or 24V, Output Power Options: 15W,18W,30W,40W,60W,100W,150W,200W.
	SL-W-W2X0.5	2x0.5mm ² , OD: 5.0mm white waterproof wire.
	SL-01CP	Crystal Plugs with 15cm waterproof wire.
	SL-CL-F	JST Female Connector with 15cm wire.
	SL-CL-M	JST Male Connector with 15cm wire.
	SL-WAG01M	WAGO Male Connector with 15cm wire
	SL-WAG01F	WAGO Female Connector with 15cm wire