

LC133 MINI Channel Light Specification Sheet



PHYSICAL

Product Type	LC133
Size	5.4 x 10mm
Working Voltage	12V / 24V DC
Aluminum Profile color	Silver / Black / White
Cover	Diffuser / Transparent / Milky
CRI	90
Available Lengths	0.3-2m
IP Rating	IP20, IP54
Working Temperature	0°C-40°C
Storage Temperature	-20°C-70°C
Lifespan	50000h
Dimmable	Yes



LC133 is a mini channel light with an extremely narrow luminous surface. It has the following characters: mini size, extremely slim surface, light weight. It can be used as ornamental illumination or supplementary illumination. It only gives off very little dazzle light, which gives you a different visual experience and protects your vision. It can be easily installed with connector.

PRODUCT RANGE

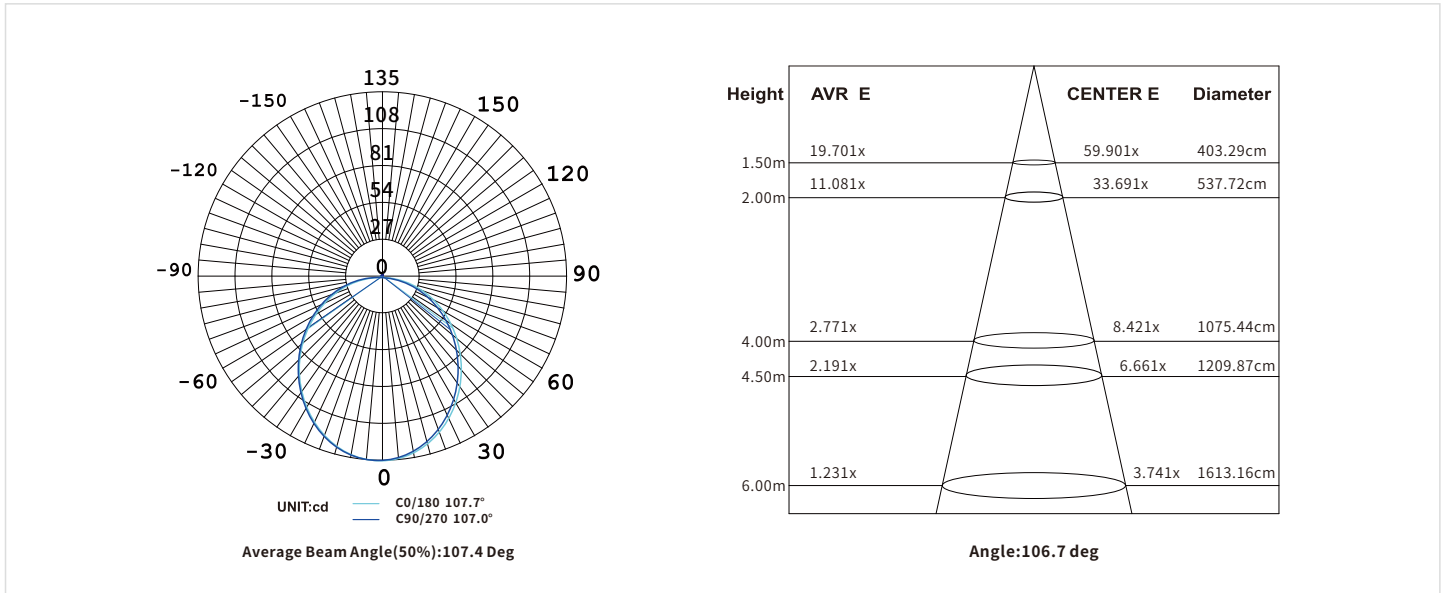
Part No.	LEDs/m	Wattage	CCT	Luminous Flux
LC133-2835V120S10D12(24)-U	120LED/s	10W/m	2700K	362lm/m
LC133-2835W120S10D12(24)-U	120LED/s	10W/m	3000K	370lm/m
LC133-2835N120S10D12(24)-U	120LED/s	10W/m	4000K	407lm/m
LC133-2835C120S10D12(24)-U	120LED/s	10W/m	6000K	407lm/m

The luminous flux with diffuser cover

SKU Builder Direction

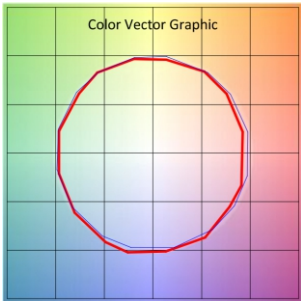
X1 Product Name	X2 LED Type	X3 CCT	X4 LEDs	X5 Profile Color	X6 Length	X7 Cover	X8 Voltage	X9 CRI
Code	Code	Code	Code	Code	Code	Code	Code	Code
LC133	2835 SMD2835	V 2700K	120 120LEDs/m	S Silver	03 300mm	C Transparent	12 12V DC	U CRI>90
		W 3000K		B Black	05 500mm	D Diffuser	24 24V DC	
		N 4000K		W White	10 1000mm	M Milky		
		C 6000K						

Photometric Diagram



TM-30-15 Data

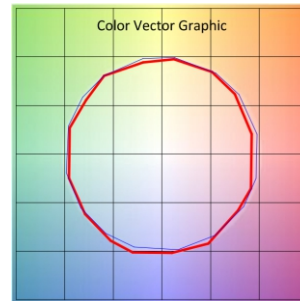
2700K Rf: 90.4 / Rg: 98.1



Test ■ Reference ■

Hue Bin	Rf	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%

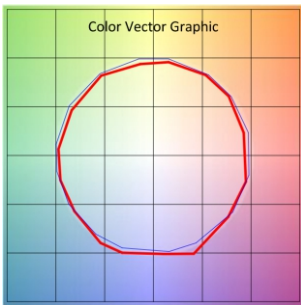
3000K Rf: 89.6 / Rg: 97.9



Test ■ Reference ■

Hue Bin	Rf	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%

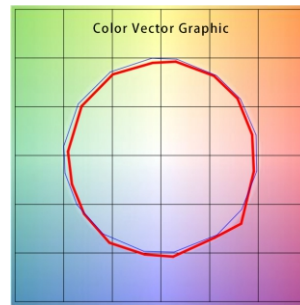
4000K Rf: 88.9 / Rg: 97.5



Test ■ Reference ■

Hue Bin	Rf	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%



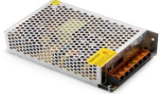







6000K Rf: 88.2 / Rg: 97.4



Test ■ Reference ■

Hue Bin	Rf	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
	LC133-CR	Connector
	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