

CONNECT LEDLINE IP65



Features and Benefits



Connect LEDline IP65 uses multiple-chip LED technology to create a superior linear strip light source. Flex Strip produces a very high light output, and it's also very efficient, compared with conventional LED strip lighting. Meanwhile it maintains the excellent and uniform effects thanks to the intelligent electrical design and LED wide angle. Connect LEDline IP65 gives you freedom of design when you work on your light project. It's slim, completely flexible, waterproof, ultra-bright and very easy to install.

Technical Parameters

High Illumination output value

The light is strong but without hot spots or uneven spots. No "light dots"

Long operating life: 50,000 hrs

Complete system: Fixing brackets, cable, end-caps are provided

IP65 for outdoor use

Impressive flexibility and low weight

Resistant to vibration

UV resistant

Wide operating temperature: From -20°C to 40°C

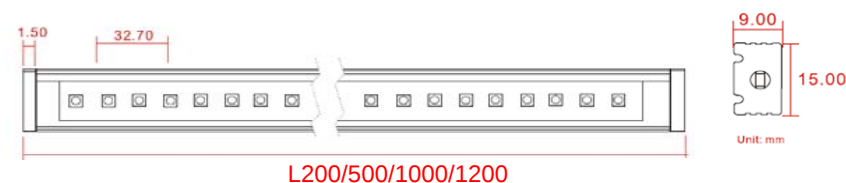
Don't expose it to salty water

Technical Performance

Basic

CODE	REFERENCE	COLOR	COLOR TEMPERATURE or WAVELENGTH	LENGTH (m)	LED QTY	LIGHT OUTPUT (lm/pc)	BEAM ANGLE (°)	VOLTAGE (V DC)	Efficiency (lm/W)	POWER CONSUMPTION (W)	CONTINUOUS CONNECTION (m)
20370328	CONNECT LEDline Basic 0.2m warm white 12V	WW	2700-3600K	0.2	12	99	120	12	51.6	1.92	2.4
20370329	CONNECT LEDline Basic 0.2m neutral white 12V	NW	4000-4500K	0.2	12	103	120	12	53.6	1.92	2.4

Dimension



Lifetime & Warranty

- Expected lifetime 40.000 hrs
- Warranty 3 years

Applications

Cove light, ceiling light

Architectural lights for canopy, corridor, window

Lights for showcase, shop window

Under or in cabinet lighting

Automotive dash light, limo interior decoration

Exhibition, fair, events highlight

General light replacement

Emergency exit path lighting

Back or edge light of illumination box, panel, sinage

Lighting for cinemas, theatres, museum, yachts, transit bus

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20370330	CONNECT LEDline Basic 0.2m white 12V	WDL	5500-6700K	0.2	12	108	120	12	56.3	1.92	2.4
20370331	CONNECT LEDline Baic 0.5m warm white 12V	WW	2700-3600K	0.5	30	249	120	12	51.9	4.8	3
20370332	CONNECT LEDline Baic 0.5m Netural white 12V	NW	4000-4500K	0.5	30	259	120	12	54.0	4.8	3
20370333	CONNECT LEDline Baic 0.5m white 12V	WDL	5500-6700K	0.5	30	270	120	12	56.3	4.8	3
20370334	CONNECT LEDline Baic 1m warm white 12V	WW	2700-3600K	1	60	498	120	12	51.9	9.6	3
20370335	CONNECT LEDline Baic 1m neutral white 12V	NW	4000-4500K	1	60	518	120	12	54.0	9.6	3
20370336	CONNECT LEDline Baic 1m white 12V	WDL	5500-6700K	1	60	540	120	12	56.3	9.6	3
20370337	CONNECT LEDline Basic 1.2m wam white 12V	WW	2700-3600K	1.2	72	597	120	12	51.8	11.52	3.6
20370338	CONNECT LEDline Basic 1.2m neutral white 12V	NW	4000-4500K	1.2	72	622	120	12	54.0	11.52	3.6
20370339	CONNECT LEDline Basic 1.2m white 12V	WDL	5500-6700K	1.2	72	648	120	12	56.3	11.52	3.6

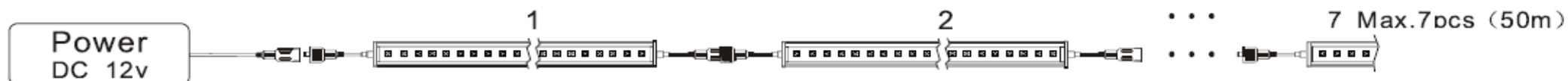
Pro

CODE	REFERENCE	COLOR	COLOR TEMPERATURE or WAVELENGTH	LENGTH (m)	LED QTY	LIGHT OUTPUT (lm/PC)	BEAM ANGLE (°)	VOLTAGE (V DC)	Efficiency (lm/W)	POWER CONSUMPTION (W)	CONTINUOUS CONNECTION (m)
20370340	CONNECT LEDline Pro 0.2m warm white 12V	WW	2700-3600K	0.2	24	199	120	12	51.8	3.84	2.4
20370341	CONNECT LEDline Pro 0.2m neutral white 12V	NW	4000-4500K	0.2	24	207	120	12	53.9	3.84	2.4
20370342	CONNECT LEDline Pro 0.2m white 12V	WDL	5500-6700K	0.2	24	216	120	12	56.3	3.84	2.4
20370343	CONNECT LEDline Pro 0.5m warm white 12V	WW	2700-3600K	0.5	60	498	120	12	51.9	9.6	3

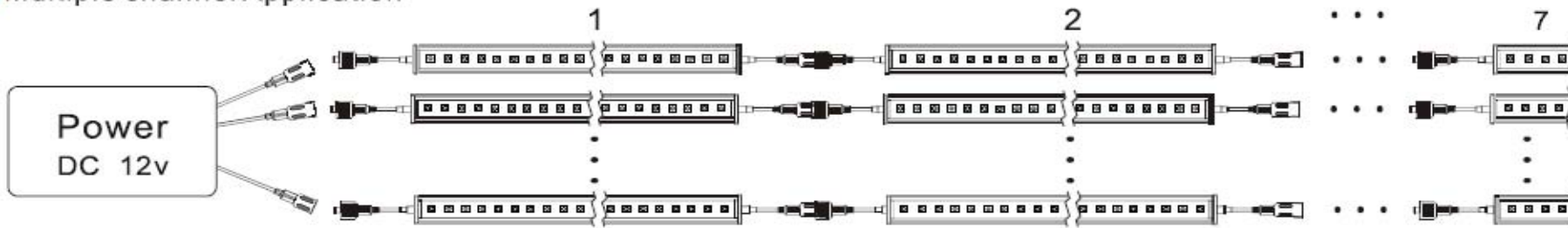
CODE	REFERENCE	COLOR	COLOR TEMPERATURE	LENGTH (m)	LED QTY	LIGHT OUTPUT (lm/mtr)	BEAM ANGLE (°)	VOLTAGE (V DC)	CURRENT (Amps)	POWER CONSUMPTION (W)	CONTINUOUS CONNECTION (m)
20370344	CONNECT LEDline Pro 0.5m Natural white 12V	NW	4000-4500K	0.5	60	519	120	12	54.1	9.6	3
20370345	CONNECT LEDline Pro 0.5m white 12V	WDL	5500-6700K	0.5	60	540	120	12	56.3	9.6	3
20370346	CONNECT LEDline Pro 1m warm white 12V	WW	2700-3600K	1	120	996	120	12	51.9	19.2	3
20370347	CONNECT LEDline Pro 1m neutral white 12V	NW	4000-4500K	1	120	1038	120	12	54.1	19.2	3
20370348	CONNECT LEDline Pro 1m white 12V	WDL	5500-6700K	1	120	1080	120	12	56.3	19.2	3
20370349	CONNECT LEDline Pro 1.2m wam white 12V	WW	2700-3600K	1.2	144	1195	120	12	51.9	23.04	3.6
20370350	CONNECT LEDline Pro 1.2m neutral white 12V	NW	4000-4500K	1.2	144	1238	120	12	53.7	23.04	3.6
20370351	CONNECT LEDline Pro 1.2m white 12V	WDL	5500-6700K	1.2	144	1296	120	12	56.3	23.04	3.6

Connect drawing

Single channel Application

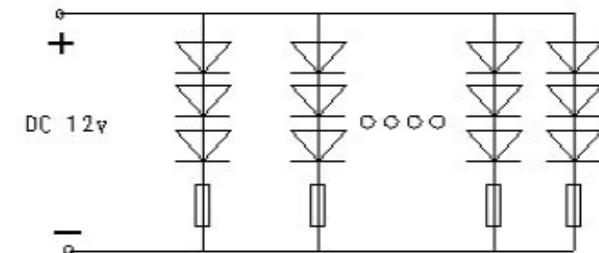
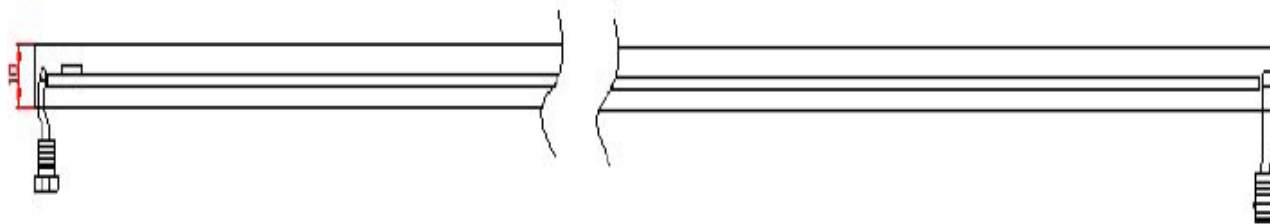


Multiple channel Application



* Power selection guide: $\text{Total wattage} > (\text{LightBar total wattage}) * 1.3$

Assembly



1m bar connection

Adequate and proper power supply should be applied.

Power supply with voltage DC 15V is not allowed to use. User can calculate the power consumption according to the electrical data, then decide what power supply should be applied.

5 meters are recommended as the reasonable connection length of the connect LEDlines. If more connected, the brightness will be quite lower.

Controller is necessary to dim or create an animation for fixed color and RGB version