



next generation led

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ULTRA-LONG SERIES LED STRIP



Properties

- Under constant current condition, brightness output is more stable and the life of the strip is longer
- High brightness consistency between different units and batches which make these long led strips ideal for larger projects.
- IP65 protection
- Power supply fed at one end, length can reach 100m, very convenient to install and use

Specifications

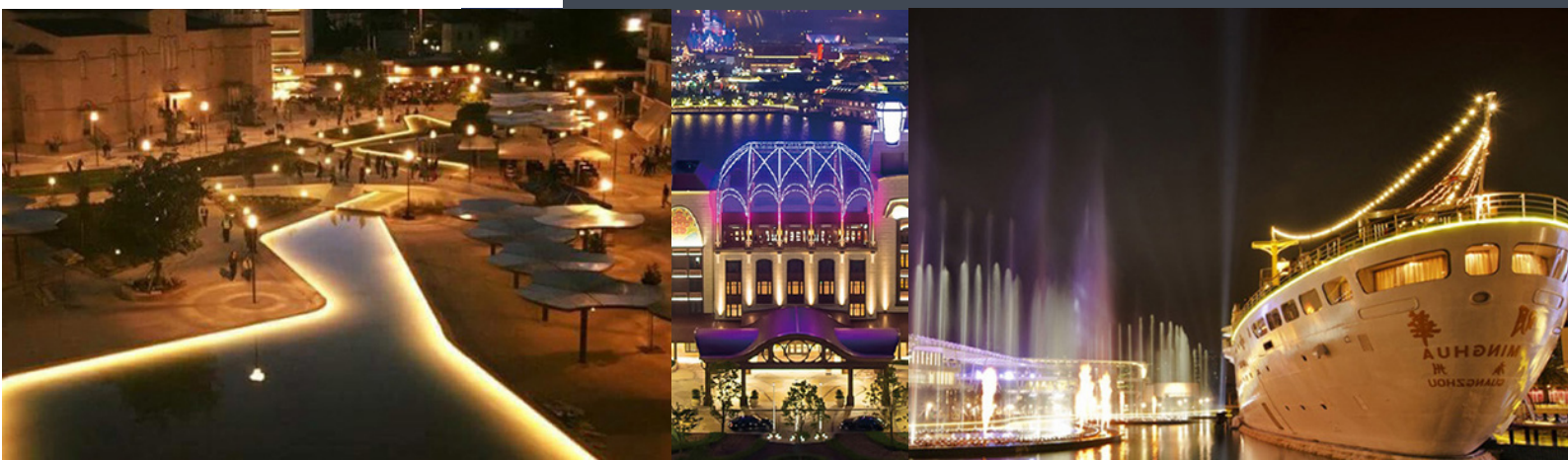


Power(W/M)	15	9.6	4.8	2.0
Voltage(V)	24	24	24	24
CRI	90	90	90	90
Led Qty(LEDs/M)	70	70	70	70
Length/Reel(M)	10	20	40	100

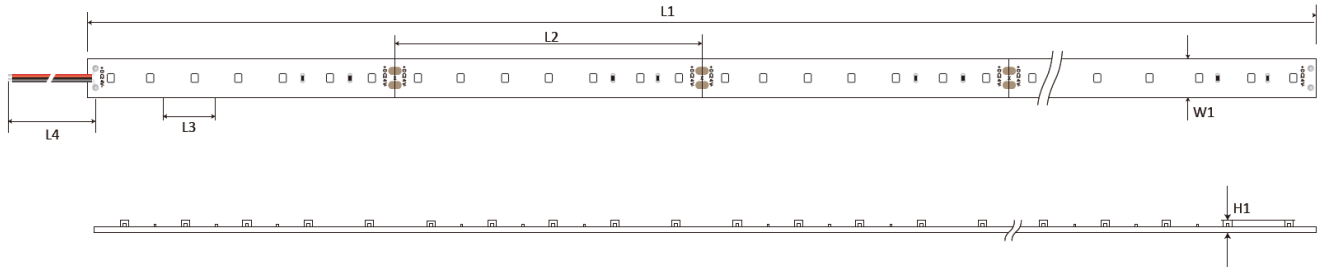
Lumens per meter

CCT	10m	20m	40m	100m
● 2200K	-	-	-	-
● 2400K	-	-	-	-
● 2700K	1480lm	1040lm	530lm	260lm
● 3000K	1500lm	1060lm	540lm	270lm
● 4000K	1550lm	1110lm	560lm	280lm
● 5000K	1520lm	1090lm	550lm	270lm
● 6000K	1520lm	1090lm	550lm	270lm

Updated: July 2019

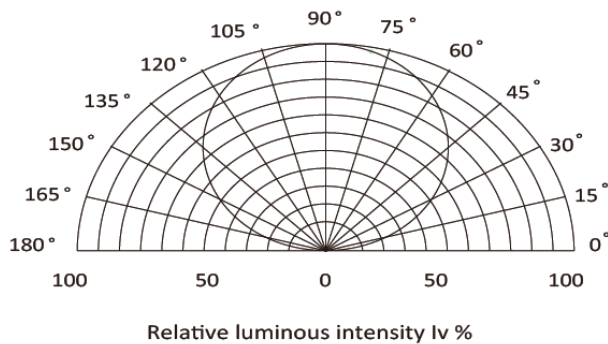


Dimension



	10m	20m	40m	100m
L1(mm)	10020	20020	40020	100020
L2(mm)	100	100	100	100
L3(mm)	14.3	14.3	14.3	14.3
L4(mm)	350	350	350	350
W1(mm)	13	13	13	13
H1(mm)	5.4	5.4	5.4	5.4

Light distribution



Working conditions

Working Temperature (°C)	-20~50
Storage Temperature(°C)	-30~80
Voltage Range(V dc)	23 ~25
Reverse Voltage(V dc)	25

- * Exceeding maximum ratings for operating and storage temperature will reduce expected life time or destroy the LED Modules.
- * Exceeding maximum ratings for operating voltage will cause hazardous overload and will likely destroy the LED Modules.

Safety warning

- Install in accordance with national standards and local electrical codes.
- This product must be installed and maintained by a qualified electrician.
- Only install it with Class 2 DC constant voltage driver , do not use this product if it the driver does not comply with Class 2 standard.
- The power of the driver must meet the output of the rated power, and do not exceed the specified output power.
- Use a cable with rated temperature at least 80 ° C and be certified for external connection of the electrical equipment.
- Improper electrical installation may cause the cable to overheat and cause a fire. Please use a suitable cable between the driver, the lamp, and the controller. When selecting a wire, the voltage and current must meet the rated values.
- The LED module itself and all its components must not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- To avoid mechanical damage, the LED modules should be attached securely to the intended substrate. Heavy vibration should be avoided.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Observe correct polarity! Incorrect polarity will lead to no light emission and may cause damage to the LED module.
- **Parallel connection is highly recommended** as safe electrical operation mode. **Serial connection is not recommended.** Unbalanced voltage drops can cause hazardous overload and damage the LED module.
- When mounting on metallic or otherwise conductive surfaces, there needs to be a electrical isolation at soldering points between module and the mounting surface.
- Pay attention to ESD steps when mounting the module.
- Please ensure that the power supply is of adequate power to operate the total load.
- Damage by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- For applications involving exposure to humidity and dust the module must be protected by a fixture or housing with a suitable protection class.
- This product is not resistant to vulcanization, LED vulcanization damage will not be compensated . It is the responsibility of the user to provide appropriate protection against harmful sulphide components.

ULTRA LONG LED STRIPS

Reference	Description	Details
700-0100	ULTRA LONG LED STRIP 100M 13*07(WxH) 24V CRI>90 2W 70LEDS/M 230LM/m IP65	2700K
700-0101		3000K
700-0102		4000K
700-0103		6500K
700-0104	ULTRA LONG LED STRIP 40M 13*07(WxH) 24V CRI>90 5W 70LEDS/M 575LM/m IP65	2700K
700-0105		3000K
700-0106		4000K
700-0107		6500K
700-0108	ULTRA LONG LED STRIP 20M 13*07(WxH) 24V CRI>90 10W 70LEDS/M 1150LM/m IP65	2700K
700-0109		3000K
700-0110		4000K
700-0111		6500K
700-0112	ULTRA LONG LED STRIP 10M 13*07(WxH) 24V CRI>90 15W 70LEDS/M 1675LM/m IP65	2700K
700-0113		3000K
700-0114		4000K
700-0115		6500K