



AC230V LED Strip Light

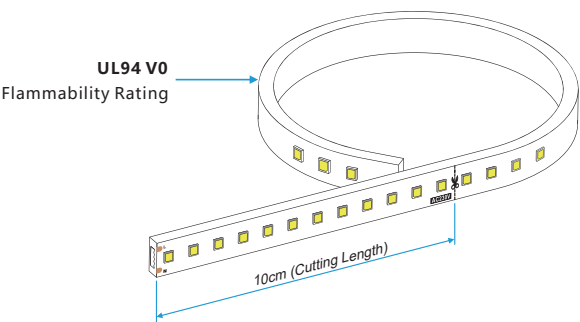
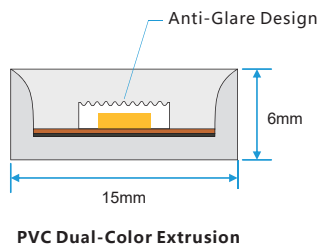
Driverless, Overvoltage Protection

LY120-HS2835W-230V

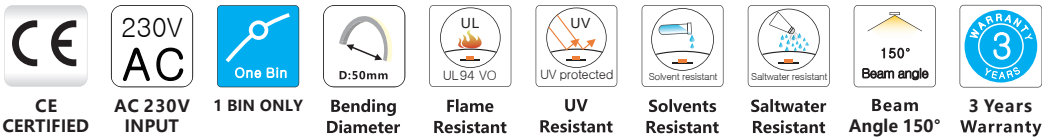


1. Specification & Parameters:

1.1 External Dimension



Notice:
Size of each section is 10cm, and cutting at “black line” place.
The dimension tolerance of height is ±0.3mm, and tolerance of width is ±0.3mm.



1.2 Technical Parameters

Technical Data		
Product Code	LY120-HS2835W-230V	
Colour	W/WW	
Working Voltage	220-240VAC, 50/60Hz	
LED Qty/m	120LEDs /m	
LED Type	SMD 2835	
CRI	CRI>80	CRI>90
Rated Power/m	12W/m	12W/m
Light Efficiency ±10%	110Lm/w	90Lm/w
LED Distance	8.33mm	
Min. Cutting LED	12LEDs	
Min. Cutting Length	10cm	
Weight/m	120g	
Storage Temperature	-25~60°C (-13~140°F)	
Environmental Working Temperature	-20~45°C (-4~113°F)	
IP Rating	IP65 (uncut) void if cut	

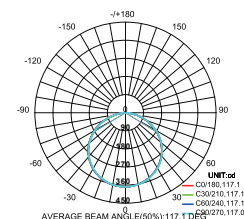


1.3 Optical Parameters

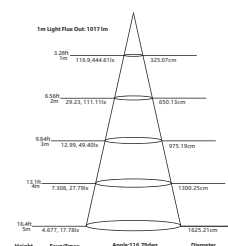
Optical Data

Product Code	LY120-HS2835W-230V	Lumen/m		
		Rated CRI	CRI80	CRI90
Color	Wavelength	CCT		
Ultra WW	/	2000K±100K	1028 lm/m	840 lm/m
Super WW	/	2400K±100K	1080 lm/m	900 lm/m
Warm White	/	2725K±100K	1200 lm/m	960 lm/m
Warm White	/	3045K±150K	1260 lm/m	1020 lm/m
Natural White	/	4000K±150K	1320 lm/m	1080 lm/m
Day White	/	5000K±200K	1320 lm/m	1080 lm/m
Cool White	/	6500K±250K	1320 lm/m	1080 lm/m

Luminous Intensity Distribution

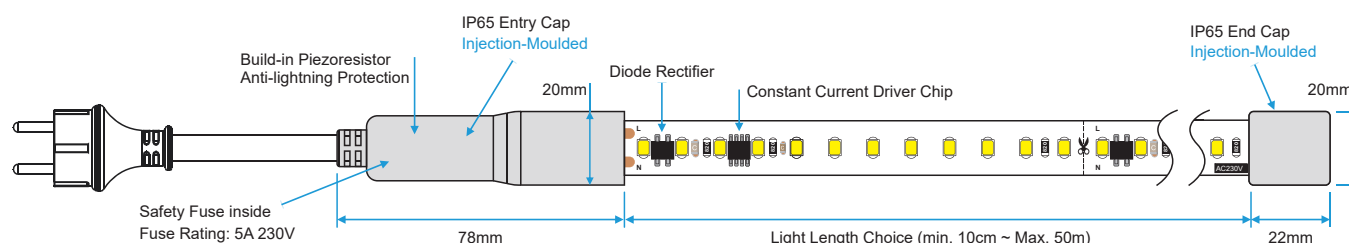
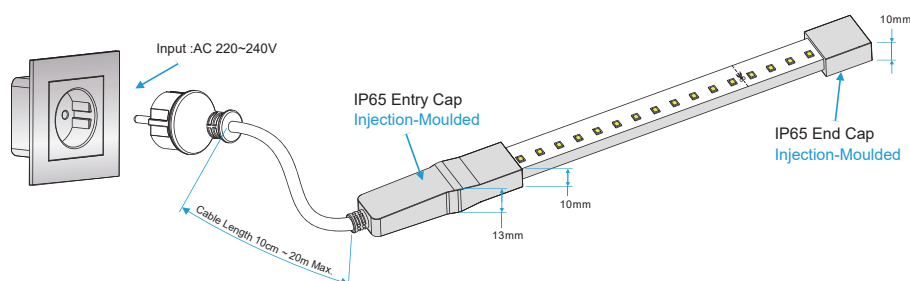


illumination diagram



2. Types of Connector

2.1 Outdoor Use & IP65 Waterproof Connector



> Notes:

- IP65 Outdoor Use: Pls do not cut off the LED Tape light, and DIY cutting is not allow;
- All kinds of customized length of the light are available, from 10cm minimum ~ 50m maximum ;
- Do not submerge LED Tape light in any liquids, or use the light in the vicinity of standing water;
- Outdoor Application Scope: Outer Wall of building, Overbridge etc., and Suitable for raining environments;

2.2 Indoor use & DIY IP40 Connector



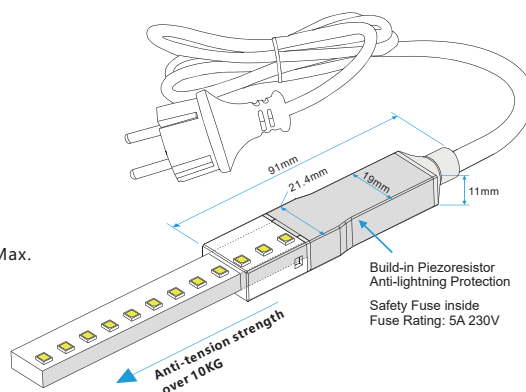
Power Cord

Connects light to power supply
IP40 DIY connector (indoor use)

Cable Length available in 0.3m min ~ 20m Max.

Screwless Terminal DIY assembly

AC Plug (2 Pin) *1
Anti-tension Shell *1
PC Fixing Clip *1

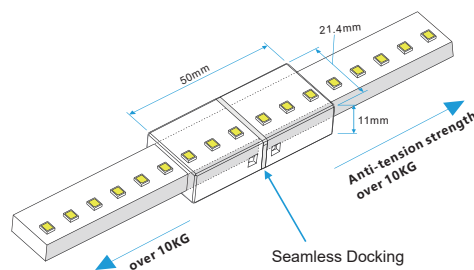


Docking Connector

Combine two pieces of the lights together
IP40 DIY connector (indoor use)

Seamless Docking, Screwless Terminal

Anti-tension Shell *1
Feed Connector (2 Pin) *1
PC Fixing Clip *2

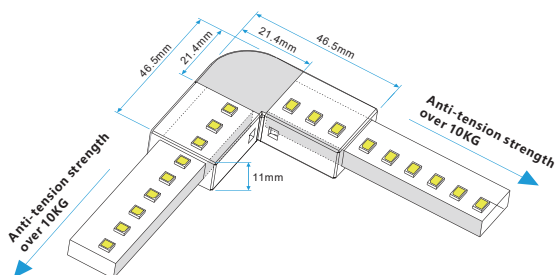


L-Type Connector

Combine two pieces of the lights together
IP40 DIY connector (indoor use)

Seamless Docking, Screwless Terminal

L-Type Anti-tension Shell *1
L-Type Feed Connector (2 Pin) *1
PC Fixing Clip *2

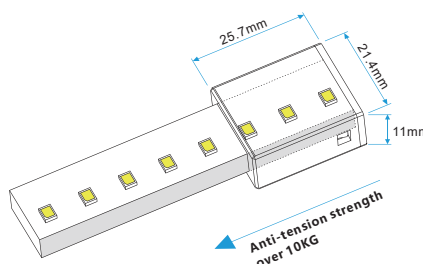


End Cap

Termination Protection of the light,
IP40 DIY connector (indoor use)

Screwless Terminal DIY assembly

Anti-tension Shell *1
PC Fixing Clip *1

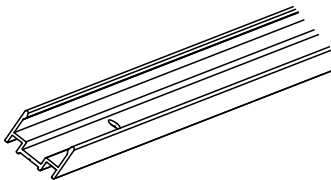
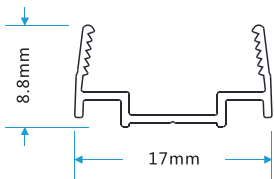
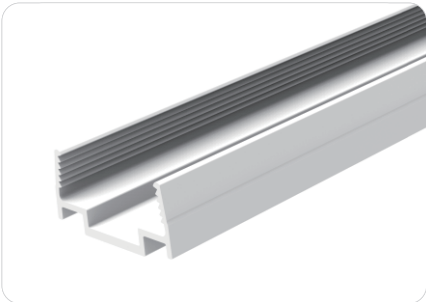


> Notes:

- Before making any cuts, installation, maintenance or connection, and be sure the light is power-off!
- IP40 Indoor Use: Pls cut the light and assemble all connectors according to the instruction manual;
- Don't install and light up and use the light under water, Only IP40 application places can be used for this light;
- Indoor Application Scope: Cove of Theater, and cove of hotel lobby etc., and Suitable for dry and anti-dust environments;

3. Installation & Profile

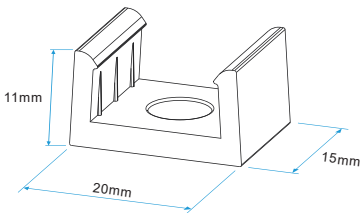
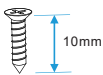
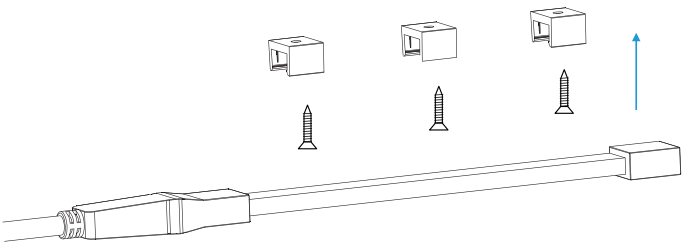
3.1 Plastic Profile



Code	W*H(ft)	Profile Length(mm)	Hole Size (mm)	Hole Number (pcs)
LY120-HS2835W-230V-MP	17mm * 8.8mm	500mm	Φ3.5mm	2
		1000mm	Φ3.5mm	3
		1500mm	Φ3.5mm	5
		2000mm	Φ3.5mm	7

- Notes:**
- 1. Plastic Profiles's raw material is PC, white/black/red paint available;
 - 2. Any customized Length available too, such as 0.5m or 1m or 1.5m, and 2m length maximum;
 - 3. Each 0.3m length with 1 hole and 1 screw, and installation referece to the user manual;

3.2 Plastic Mounting Clip



- Notes:**
- 1. Mounting Clip's raw material is PC, and transparent/white/black/red paint available;
 - 2. Each 0.3m length with 1 Mounting Clip + 1 screw, and installation referece to the user manual;

4. Package

4.1 Reel packaging for projects



50m/roll



1roll in one Carton



Master Carton

4.2 Reel packaging for retails

	Light Length (m/one roll)	Carton Dimension (cm)	Light Number (rolls)	Carton Weight (kg)
	20m	25*21*33	1 roll	3.5
	30m	31*23*39	1 roll	4.8
	40m	31*23*39	1 roll	6.2
	50m	34*27*43	1 roll	7.9