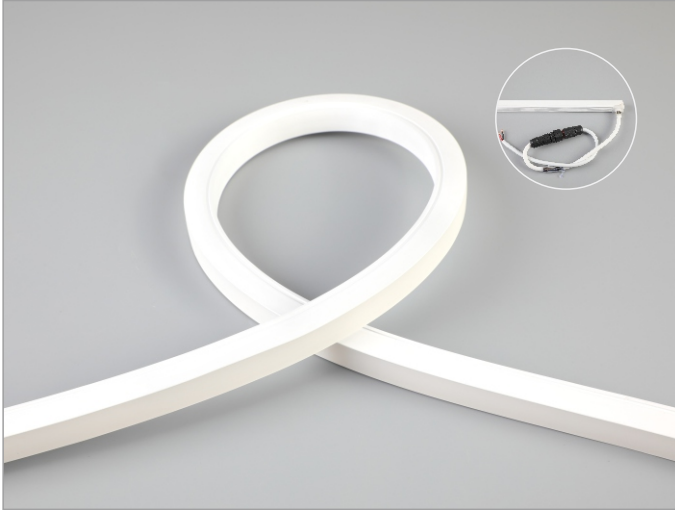


## IP68 Aqua Series

### Top-Bend RD-131 White



## Features

1. Uniform, dot-free and smooth lighting performance up to 5M [16.4ft.], top bend flexibility.
2. Hand feel smooth thanks to elegant matte finish.
3. Same size end cap customized by die-casting process for a great overall appearance.
4. IP68 waterproof, up to 3meter of underwater.
5. High protection design with silicone material, Shock resistance IK08 rating, Chlorination, UV and Salt-spray resistant.
6. Customized length is available.
7. Dimmable available with PWM signal.
8. 3 years warranty, and comply with CE and UL.

## Application

1. Decoration for showcase, advertising, display board.
2. Lighting for hotel, garden, bridge, swimming pool, oceanarium, seaside architecture.
3. Corridor, ceiling, stair, path way.
4. Signage, architecture lighting.

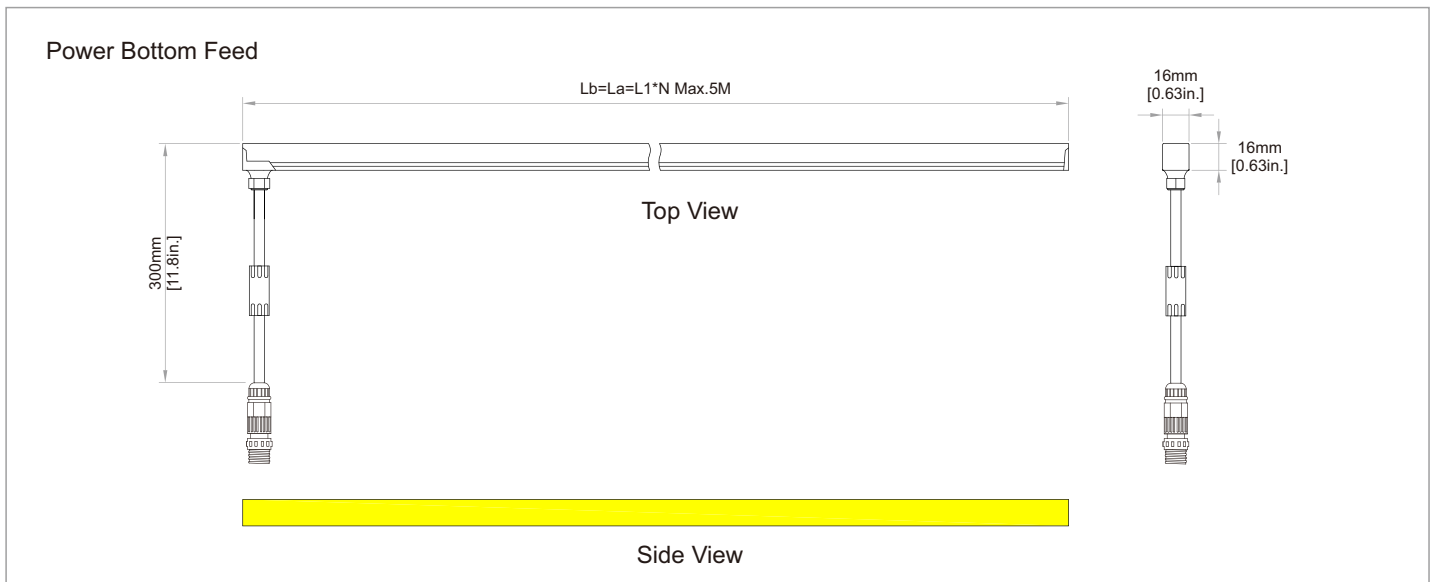
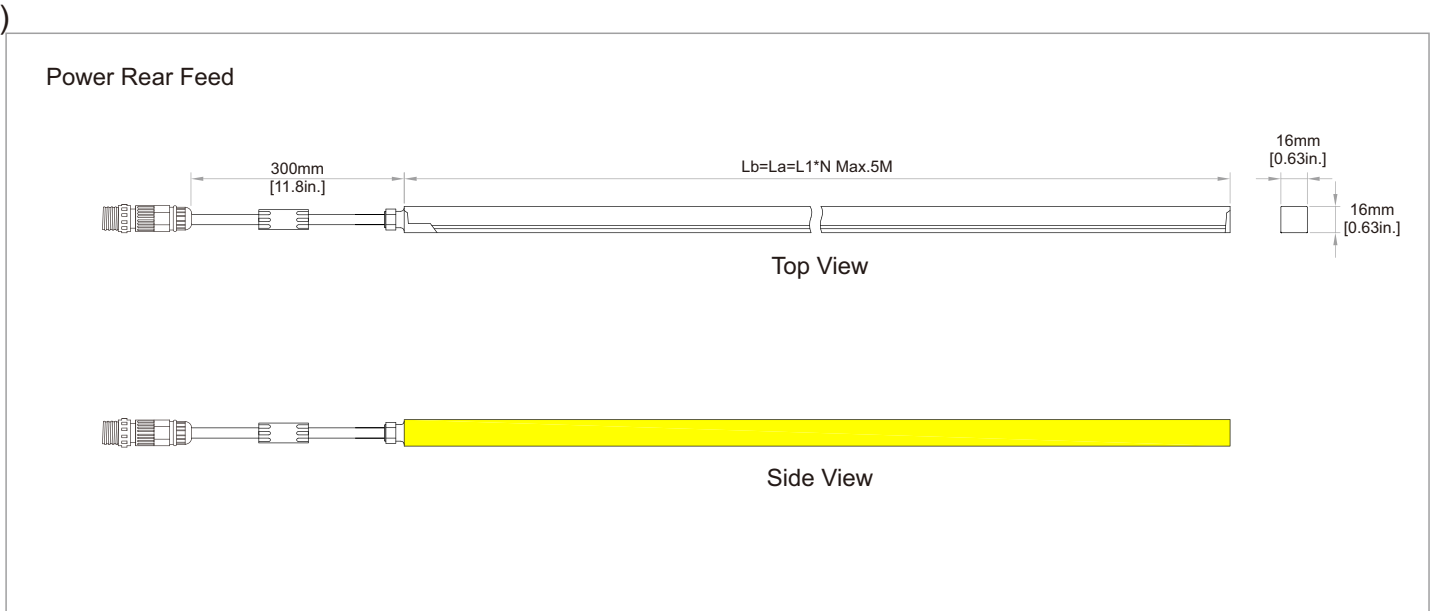


## Specification

### Dimension / Diagram

Top-Bend RD-131(Endcap by die-casting

L: Total length  
Lb: Illumination surface length  
N: Number  
La: Length of LED strip light  
L1: Minimum cutting unit



## General Parameters

Product No.	Style	Dimension	Max. Length (La)	Min. Unit (L1)	LED Type	LED QTY	IP Rating	Operating Ambient	Lifespan	Warranty
RD-131	Top-Bend (White)	W16xH16mm [W0.63XH0.63in]	5M [16.4ft]	Free cutting to any length	SMD 2835	120LED/M [36LED/ft.]	IP68 (Max.3M underwater) [Wet]	Ta: -20~45°C	36,000h (L70B50@ Tc≤65°C, Tc is the temp. of LED pin)	3 years

- 1) Customized length is available in factory, Max. length 5 meter.
- 2) Please note warranty void if the junction of the wire remove.

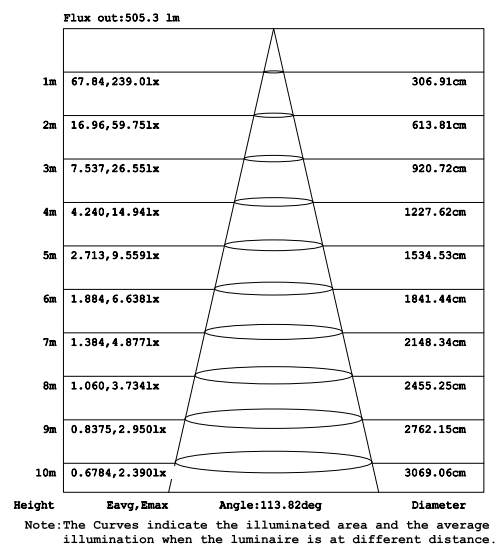
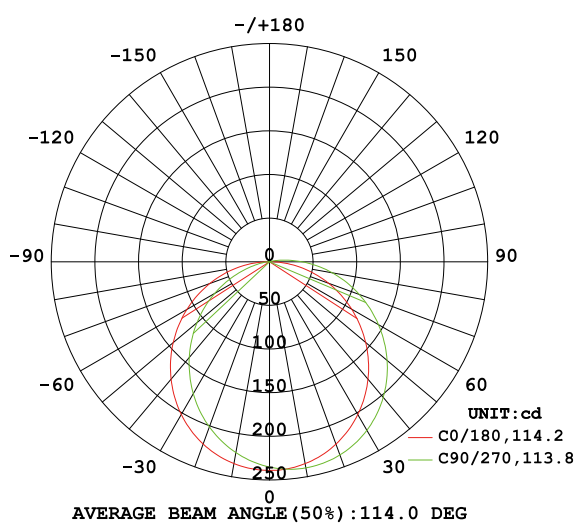
## Photoelectric Parameters

Product No.	Style	Power (Max.)	Operating Voltage	Finished Product CCT/ Wavelength	CRI80 4000K		CRI90 4000K		Beam Angle
					Luminous Flux±10%	Light Efficiency	Luminous Flux±10%	Light Efficiency	
RD-131	Top-Bend (White)	14W/M [4.3W/ft.]	24VDC	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K	820lm/M [250lm/ft.]	58lm/W	700lm/M [213lm/ft.]	50lm/W	120°

### Note:

- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000K / 3500K is 5% lower, for CCT 5000K / 6000K is the same, compared with 4000K.
- (2) The Max. Length (La) is defined as power fed on one side.
- (3) The standard packing length is fixed by default per reel without installation accessories; customized packing length is required to be evaluated.
- (4) Installation accessories pack should be ordered separately according to specific case.

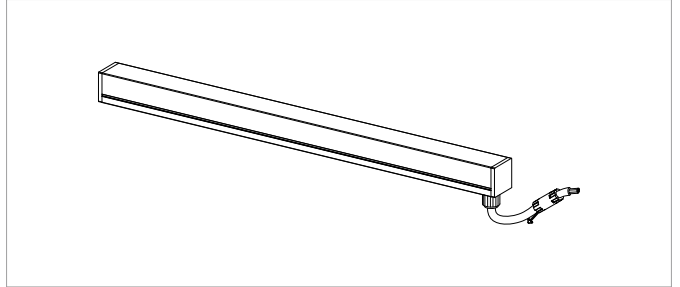
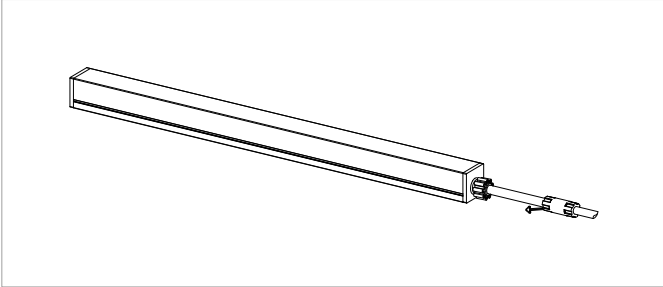
## Light Distribution Diagram



Top-Bend, RD-131 (14W, CRI90, 4000K)

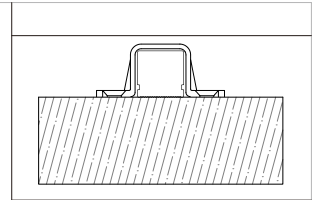
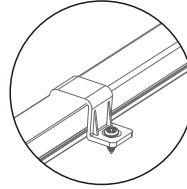
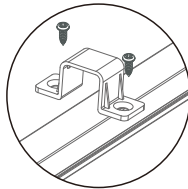
## General Characteristics

(1) Power cable in rear feed and bottom feed.

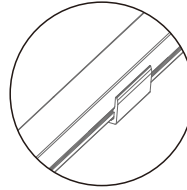
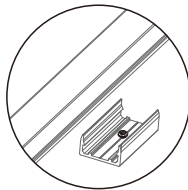


(2) Surface mounting or flush mounting by clip, bracket, aluminum channel or bendable bracket.

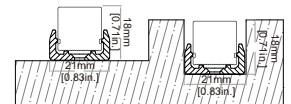
Fixed by clip and screw



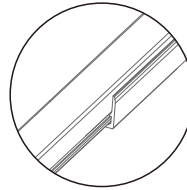
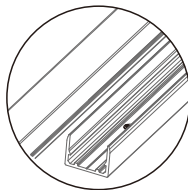
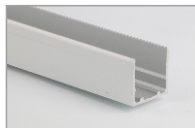
Fixed by bracket and screw



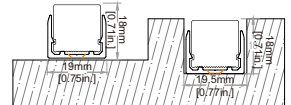
Groove size is shown as below



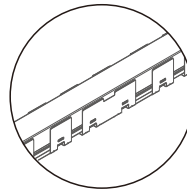
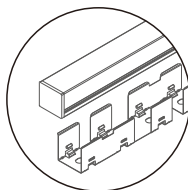
Fixed by aluminum profile and screw



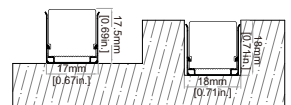
Groove size is shown as below



Fixed by bendable bracket and screw



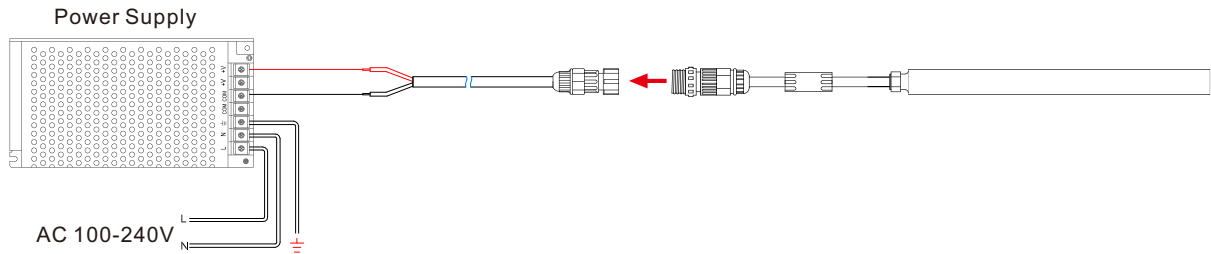
Groove size is shown as below



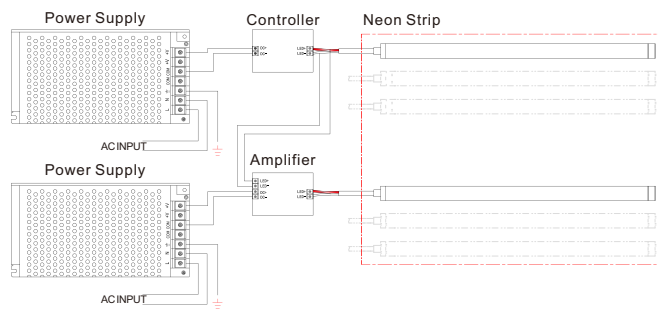
Note: It's also support flush mounting into groove by gluing process.

## Connection

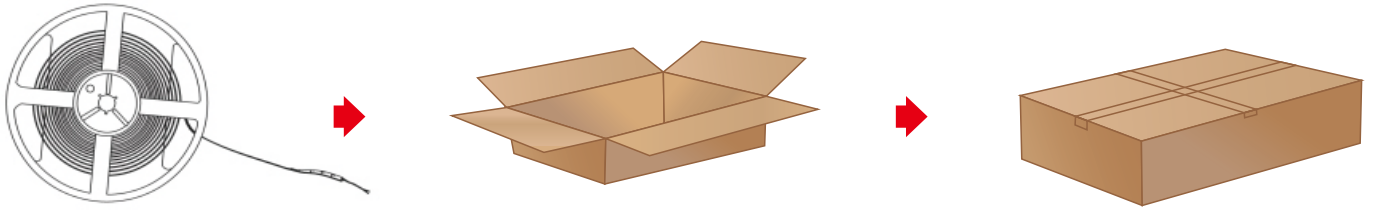
Non-Dimming Status for White Color



Dimming Status for Single Color



## Packing



Part No.	Style	Product Dimension	Product N.W.	Carton Size	Product QTY/Carton	Carton Total G.W.
RD-131	Top-Bend	L5000xW16xH16mm [L197xW0.63xH0.63in.]	1.94kg	L390*W75*H390mm [L15.4*W3.0*H15.4in.]	2 pcs	4.78kg

## Notice

1. Adopt suitable power supply with power is 20% higher than the max. power of luminary, to ensure long time performance of power supply.
2. Do not install it when power is on. Before powering on, make sure the wiring is correct.
3. Avoid privately changing or damaging the circuit or other component on the luminary
4. Avoid scrape, twist and irregular bend during installation, which might cause non repairable status for the luminary
5. Minimum bending diameter definition is 200mm[7.87in], too small bending diameter will break the luminary
6. Minimum twist degree is 360° per 1000mm [39.4in.].
7. Luminary linked in over long length will lead to problem of overload or uneven brightness.
8. To protect your eyes, do not stare at the luminary for a long time while it's illuminated.
9. Only professional personnel can install, dismantle and repair
10. Bend and twist diagram is shown as below.

