

12VDC/3W/240typ.Lumen
/15*55 Beam angle

1. Features

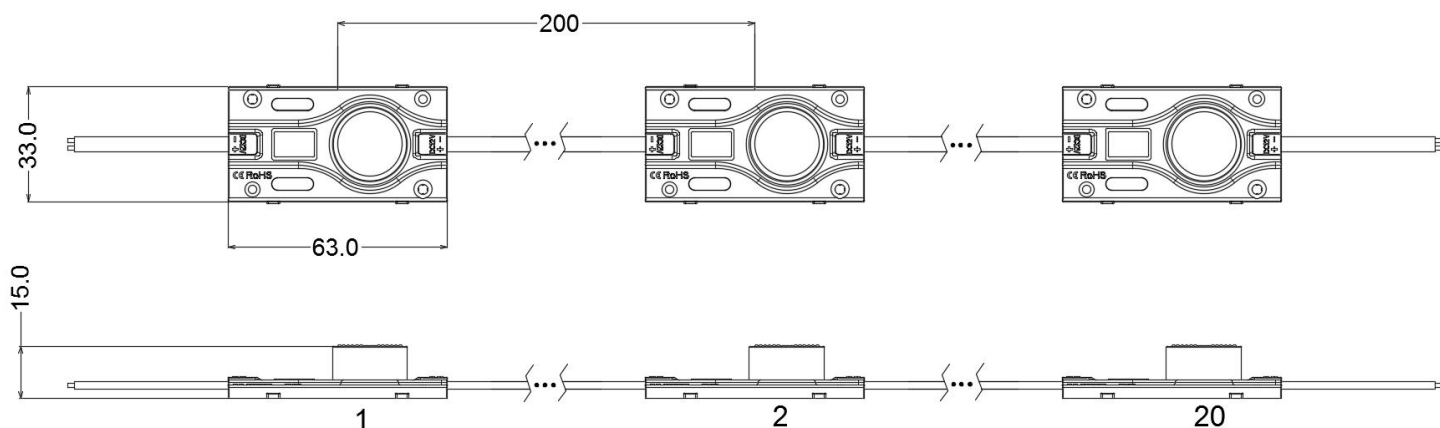
- Constant Current Technology, 20pcs per series.
- Injection molding process, water proof: IP 67.
- The exposed Aluminum plate for heat dissipation
- Best for T16cm+ Huge Light Box Side Lighting.
- 5 years warranty.



2. Application

- Commercial standing lighting.
- Light box lighting.

3. Dimensions



Unit: mm

Note: the pitch based on 150mm wire

4. Optical parameters (module base)

Part No.	Color Range		Typ. Lumen	Beam angle
	Min. CCT or wavelength	Max. CCT or wavelength		
Pure white	6000 K	8000 K	240 lm	15*55°

5. Electrical parameters

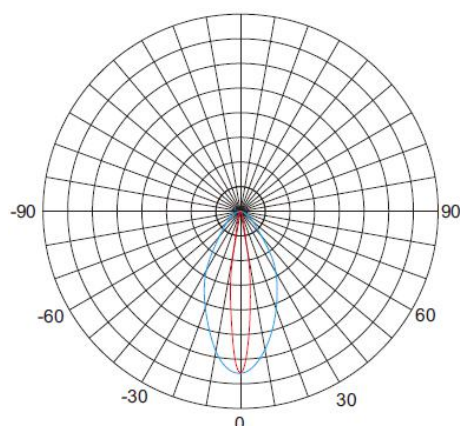
LED	9V 1818
Supply voltage range (rated)	12 VDC
Power range (per module, rated)	3 W $\pm 10\%$ @ DC12V

Note: The current will change in a certain range if the supply voltage changes

6. Environmental and Application Conditions

Operation temperature range (TA on free air)	-25.....+55°C
Storage temperature range	-40.....+65°C
IP rating	IP67

7. Light distribution graph



- Maximum number of modules of one chain is 30pcs from power supplier to single end.
- The given illuminance parameters ensure illuminance on the surface. Depending on the type of material used for channel letters or lighting boxed, the parameters can change. More brightness is obtained if distances between LED modules are reduced.
- The LED module itself and all its components may not be mechanical stressed.
- Please ensure that the power supply is adequate power to operate the total load. Only qualified personnel should be allowed to perform installations.
- The design of the housing should be according to the IP standards in the application.
- If surge protection structure not within power supplier, a lightening protector should be needed additionally.