

12VDC/90mA/1.08W/160typ.Lumen
/170 Beam angle

1. Features

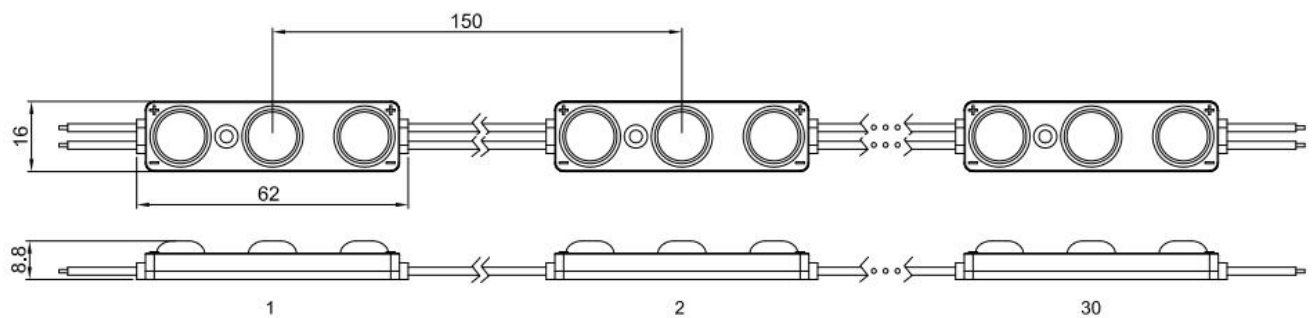
- P:D=2:1.
- Constant Current Technology, 30pcs per series
- Injection molding process, water proof: IP 67.
- High efficiency chip, high brightness and reliability.
- 5 years warranty.



2. Application

- Commercial standing lighting.
- Light box lighting.

3. Dimensions



unit:mm
Note:the pitch based on 150mm wire

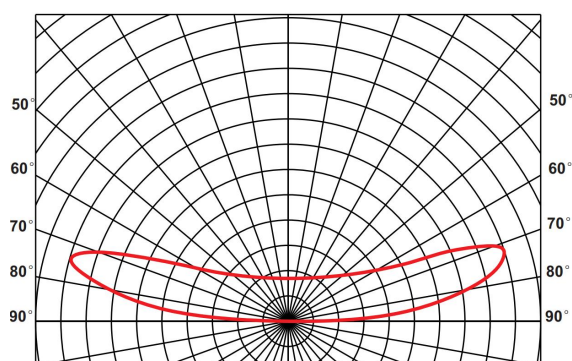
4. Optical parameters (module base)

Part No.	Color Range			Flux Range		Beam angle
	Min. CCT or wavelength	Typ. CCT or wavelength	Max. CCT or wavelength	Min. Lumen	Typ. Lumen	
UIW663B	6000 K	6500 K	8000 K	140	160	170°

5. Electrical parameters

LED	11V 2835
Supply voltage (rated)	12V DC
Supply Current (per module)	90mA @ DC 12V
Power (per module, rated)	1.08W @ DC12V

7. Light distribution graph



Attention:

- 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.