

## Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 50mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

## Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

**General Specifications**

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	2835

**Technical Specifications**

Length(mm)	500
Width(mm)	8
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	3
Parallel	10
Total LED Quantity	30

**Connections Data**

Wire size	0,35-0,75mm <sup>2</sup>
Terminal Strip Length	3-4mm
Connection type	Cable soldering

**Operating conditions and characteristics**

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

**Driving Current & Luminous Flux @(T<sub>j</sub>=25°C)**

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
800mA	80mA	12V	9,6W	788	876	964	788	876	964	896	996	1096	1006	1118	1229	1006	1118	1229
1000mA	100mA	12V	12W	967	1074	1181	967	1074	1181	1099	1221	1343	1234	1371	1508	1234	1371	1508
1200mA	120mA	12V	14,4W	1134	1260	1386	1134	1260	1386	1291	1434	1577	1447	1608	1769	1447	1608	1769

- Tolerance range for optical and electrical data:  $\pm 10\%$ .
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.