

## Product Features

- 24V 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 167mm
- 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	~24V
Module Driver Type	Constant Voltage
LED Package	2835

**Technical Specifications**

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	7
Parallel	3
Total LED Quantity	21

**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.
180mA	60mA	24V	4,32W	457	508	559	457	508	559	486	540	594	514	571	628	514	571	628
240mA	80mA	24V	5,76W	592	657	723	592	657	723	627	697	767	663	737	811	663	737	811
300mA	100mA	24V	7,2W	716	796	875	716	796	875	760	844	929	803	893	982	803	893	982

- 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.