

## 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 63mm
- 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	CEM1

**Electrical Specifications**

Series	6
Parallel	8
Total LED Quantity	48

**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.
320mA	40mA	24V	7,68W	726	806	887	726	806	887	769	854	940	816	907	998	816	907	998
400mA	50mA	24V	9,6W	890	989	1088	890	989	1088	942	1046	1151	998	1109	1220	998	1109	1220
480mA	60mA	24V	11,52W	1045	1162	1278	1045	1162	1278	1110	1234	1357	1175	1306	1436	1175	1306	1436

- 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.