

## 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 41,3mm
- 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	5630

**Technical Specifications**

Length(mm)	495
Width(mm)	9
PCB Thicknes(mm)	1,6
PCB Material	FR4 2L

**Electrical Specifications**

Series	3
Parallel	12
Total LED Quantity	36

**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.
360mA	30mA	12V	4,32W	467	518	570	489	544	598	512	569	626	528	587	645	528	587	645
600mA	50mA	12V	7,2W	771	857	942	810	900	990	846	940	1034	875	972	1069	875	972	1069

- 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.