

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 55mm
- 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:20/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)	8
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	9
Total LED Quantity	27

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

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

Driving Current & Luminous Flux @(T_j=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	40mA	12V	4,32W	464	516	567	486	540	594	510	567	624	527	586	644	527	586	644
540mA	60mA	12V	6,48W	690	767	843	724	805	885	758	842	927	782	869	956	782	869	956

- 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.