

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 82,5mm
- 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)	11
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	3
Total LED Quantity	9

Connections Data

Wire size	0,35-0,75mm ²
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_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.
180mA	60mA	12V	2,1W	230	256	281	241	268	295	253	281	309	261	290	319	261	290	319
240mA	80mA	12V	2,9W	304	338	371	319	355	390	334	371	408	345	383	422	345	383	422
300mA	100mA	12V	3,6W	377	419	460	394	438	482	413	459	505	427	474	522	427	474	522

- 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.