



## 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 30mm
- ◆ 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	2835

## Technical Specifications

Length(mm)	480
Width(mm)	5
PCB Thicknes(mm)	1,6
PCB Material	ALU

## Electrical Specifications

Series	3
Parallel	16
Total LED Quantity	48

## Connections Data

Wire size	0,35-0,75mm2
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 &amp; Luminous Flux @(Tj=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.
500mA	30mA	12V	6W	696	720	740	696	720	740	720	740	760	720	740	760	720	740	760
800mA	50mA	12V	9.6W	1000	1044	1080	1000	1044	1080	1044	1080	1116	1044	1080	1116	1044	1080	1116

- ♦ 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.