

## Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 100mm
- 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

- Decorative Lighting
- Linear Lighting
- Office lighting

**General Specifications**

Operation Voltage	~6V
Module Driver Type	Constant Current
LED Package	5630/2016

**Technical Specifications**

Length(mm)	200
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	FR4

**Electrical Specifications**

Series	2
Parallel	4
Total LED Quantity	8

**Connections Data**

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

**Operating conditions and characteristics**

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

**Driving Current & 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.
350mA	87,5mA	6V	2,1W	286	318	350	301	334	367	314	349	384	325	361	397	325	361	397
500mA	125mA	6V	3W	413	459	505	433	481	529	453	504	554	468	520	572	468	520	572

- 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.