

## Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- 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
- Industrial Lighting
- Office lighting

**General Specifications**

Operation Voltage	~72V
Module Driver Type	Constant Current
LED Package	2835

**Technical Specifications**

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

**Electrical Specifications**

Series	24
Parallel	3
Total LED Quantity	72

**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.
250mA	83mA	69,6V	17,4W	2063	2172	2280	2063	2172	2280	2348	2472	2595	2636	2775	2913	2636	2775	2913
300mA	100mA	71,4V	21,5W	2448	2577	2705	2448	2577	2705	2781	2928	3074	3120	3285	3449	3120	3285	3449
350mA	116mA	72,6V	25,4W	2778	2925	3071	2778	2925	3071	3172	3339	3505	3377	3555	3732	3553	3741	3928

- 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.