

## Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

## Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

**General Specifications**

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	3535

**Technical Specifications**

Length(mm)	205
Width(mm)	60
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	12
Parallel	1
Total LED Quantity	12

**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 ~ 80°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	350mA	46,4V	16,3W	2294	2366	2438	2294	2366	2438	2438	2496	2555	2555	2617	2680	2555	2617	2680
500mA	500mA	47,2V	23,6W	3107	3204	3302	3107	3204	3302	3302	3380	3459	3459	3544	3630	3459	3544	3630
700mA	700mA	48V	33,6W	4100	4228	4356	4100	4228	4356	4356	4460	4564	4564	4677	4790	4564	4677	4790
1050mA	1050mA	48,8V	51,3W	5568	5741	5915	5568	5741	5915	5915	6056	6198	6198	6350	6502	6198	6350	6502

- 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.