

## 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:5/pcs

## Application Areas

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

**General Specifications**

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

**Technical Specifications**

Length(mm)	144
Width(mm)	46
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	12
Parallel	1
Total LED Quantity	12

**Connections Data**

Wire size	0,35-0,75mm <sup>2</sup>
Terminal Strip Length	3-4mm
Connection type	Cable soldering

**Operating conditions and characteristics**

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

**Driving Current & Luminous Flux @(T<sub>j</sub>=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	34,8V	12W	1560	1596	1644	1560	1596	1644	1668	1704	1752	1872	1920	1968	1872	1920	1968
500mA	500mA	35,4V	18W	2138	2184	2244	2138	2184	2244	2280	2340	2400	2568	2628	2688	2568	2628	2688
700mA	700mA	36V	25,2W	2784	2856	2928	2784	2856	2928	3036	3108	3180	3396	3480	3576	3396	3480	3576
1050mA	1050mA	36,6V	38,4W	3912	4008	4104	3912	4008	4104	4176	4284	4392	4692	4812	4920	4692	4812	4920

- 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.