

## 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
- Tunnel Application
- Highbay Lighting

**General Specifications**

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

**Technical Specifications**

Length(mm)	150
Width(mm)	150
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	12
Parallel	2
Total LED Quantity	24

**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.
700mA	350mA	34,8V	12,2	3120	3198	3276	3120	3198	3276	3336	3419	3502	3744	3837	3931	3744	3837	3931
1000mA	500mA	35,4V	17,7W	4269	4376	4483	4269	4376	4483	4567	4681	4795	5124	5252	5380	5124	5252	5380
1400mA	700mA	36V	25,2W	5572	5712	5851	5572	5712	5851	6060	6211	6363	6801	6971	7141	6801	6971	7141
2100mA	1050mA	36,6V	38,5W	7814	8009	8205	7814	8009	8205	8356	8565	8774	9379	9613	9848	9379	9613	9848

- 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.