

## Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range  
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

## Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

**General Specifications**

Operation Voltage	~72V
Module Driver Type	Constant Current
LED Package	3535

**Technical Specifications**

Length(mm)	200R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	24
Parallel	1
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.
350mA	350mA	69,6V	24,4W	3120	3198	3276	3120	3198	3276	3336	3419	3503	3744	3838	3931	3744	3838	3931
500mA	500mA	70,8V	35,4W	4270	4376	4483	4270	4376	4483	4567	4681	4796	5124	5252	5380	5124	5252	5380
700mA	700mA	72V	50,4W	5573	5712	5851	5573	5712	5851	6060	6212	6363	6802	6972	7142	6802	6972	7142
1050mA	1050mA	73,2V	76,9W	7814	8010	8205	7814	8010	8205	8357	8566	8775	9379	9614	9848	9379	9614	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.