

## Product Features

- High efficiency 150lm/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:9/pcs

## Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

**General Specifications**

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	2835

**Technical Specifications**

Length(mm)	65R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	4
Parallel	5
Total LED Quantity	20

**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 ~ 50°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	70mA	14,5V	5,1W	528	556	583	528	556	583	560	590	619	592	624	655	592	624	655
500mA	100mA	15V	7,5W	720	758	795	720	758	795	763	804	844	807	850	892	807	850	892

- 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