

## 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:4/pcs

## Application Areas

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

**General Specifications**

Operation Voltage	~42V
Module Driver Type	Constant Current
LED Package	2835

**Technical Specifications**

Length(mm)	109R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	14
Parallel	3
Total LED Quantity	42

**Connections Data**

Wire size	0,14-0,34mm <sup>2</sup> (26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

**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	116mA	42V	14,7W	1627	1713	1798	1627	1713	1798	1850	1948	2045	2080	2190	2299	2080	2190	2299

- 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.