

Product Features

- High efficiency 155lm/W
- Color rendering index CRI>70
- 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=75°C
- MOQ:80/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting
- Bulb Application

General Specifications

Operation Voltage	~3V
Module Driver Type	Constant Current
LED Package	5050

Technical Specifications

Length(mm)	21R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	1
Parallel	1
Total LED Quantity	1

Connections Data

Wire size	0,35-0,75mm2
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 @(Tj=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	2,9V	2,1W	261	275	289	261	275	289	281	296	311	302	318	334	302	318	334
1050mA	500mA	2,94	3,2W	371	391	411	371	391	411	403	424	445	429	452	475	429	452	475
1400mA	700mA	3,1V	4,4W	474	499	524	474	499	524	513	540	567	553	582	611	553	582	611

- Tolerance range for optical and electrical data: ±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.