

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:80/pcs

Application Areas

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

General Specifications

Operation Voltage	~3V
Module Driver Type	Constant Current
LED Package	3535

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	0,35-0,75mm ²
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_j=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	2,9V	1W	130	133	137	130	133	137	139	142	146	156	160	164	156	160	164
500mA	500mA	2,95V	1,5W	178	182	187	178	182	187	190	195	200	214	219	224	214	219	224
700mA	700mA	3V	2,1W	232	238	244	232	238	244	253	259	265	283	290	298	283	290	298
1050mA	1050mA	3,05V	3,2W	326	334	342	326	334	342	348	357	366	391	401	410	391	401	410

- 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.