

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:15/pcs

Application Areas

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

General Specifications

Operation Voltage	~9V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	44R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	3
Parallel	1
Total LED Quantity	3

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	8,7V	3W	390	400	410	390	400	410	417	427	438	468	480	491	468	480	491
500mA	500mA	8,9V	4,5W	534	547	560	534	547	560	571	585	599	641	657	673	641	657	673
700mA	700mA	9V	6,3W	697	714	731	697	714	731	758	776	795	850	871	893	850	871	893
1050mA	1050mA	9,2V	9,6W	977	1001	1026	977	1001	1026	1045	1071	1097	1172	1202	1231	1172	1202	1231

- 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.