

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:9/pcs

Application Areas

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

General Specifications

Operation Voltage	~18V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	70R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	6
Parallel	1
Total LED Quantity	6

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	17,4V	6W	780	800	819	780	800	819	834	855	876	936	959	983	936	959	983
500mA	500mA	17,7V	8,9W	1067	1094	1121	1067	1094	1121	1142	1170	1199	1281	1313	1345	1281	1313	1345
700mA	700mA	18V	12,6W	1393	1428	1463	1393	1428	1463	1515	1553	1591	1700	1743	1785	1700	1743	1785
1050mA	1050mA	18,4V	19,3W	1954	2002	2051	1954	2002	2051	2089	2141	2194	2345	2403	2462	2345	2403	2462

- 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.