

Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°/80°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	~54V
Module Driver Type	Constant Current
LED Package	3030

Technical Specifications

Length(mm)	160R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	18
Parallel	1
Total LED Quantity	18

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.
350mA	350mA	53,1V	18,6W	1932	2034	2135	1932	2034	2135	2069	2178	2286	2205	2322	2438	2205	2322	2438
500mA	500mA	54V	27W	2599	2736	2872	2599	2736	2872	2770	2916	3061	2958	3114	3269	2810	2958	3105
700mA	700mA	54,9V	38,4W	3351	3528	3704	3351	3528	3704	3573	3762	3950	3813	4014	4214	3622	3813	4003

- 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.