

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	~36V
Module Driver Type	Constant Current
LED Package	2828

Technical Specifications

Length(mm)	120R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	1
Total LED Quantity	12

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	35,4V	12,4W	1288	1356	1423	1288	1356	1423	1379	1452	1524	1470	1548	1625	1584	1668	1751
500mA	500mA	36V	18W	1732	1824	1915	1732	1824	1915	1846	1944	2041	1972	2076	2179	2109	2220	2331
700mA	700mA	36,6V	25,6W	2234	2352	2469	2234	2352	2469	2382	2508	2633	2542	2676	2809	2724	2868	3011

- 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.