

Product Features

- High efficiency 160lm/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:1/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

General Specifications

Operation Voltage	~72V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	250
Width(mm)	250
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	24
Parallel	2
Total LED Quantity	48

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

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.
700mA	350mA	69,6V	48,8W	6240	6396	6552	6240	6396	6552	6672	6838	7005	7488	7675	7862	7488	7675	7862
1000mA	500mA	70,8V	70,8W	8539	8752	8966	8539	8752	8966	9134	9362	9591	10248	10504	10760	10248	10504	10760
1400mA	700mA	72V	101W	11145	11424	11702	11145	11424	11702	12120	12423	12726	13603	13943	14283	13603	13943	14283
2100mA	1050mA	73,2V	154W	15628	16019	16410	15628	16019	16410	16713	17131	17549	18758	19227	19696	18758	19227	19696

- 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.