

Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	16
Parallel	3
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 ~ 50°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.
250mA	83mA	46,4V	11,6W	1304	1449	1594	1304	1449	1594	1483	1648	1813	1665	1850	2035	1665	1850	2035
300mA	100mA	47,6V	14,4W	1546	1718	1890	1546	1718	1890	1758	1953	2148	1974	2193	2412	1974	2193	2412
350mA	116mA	48,4V	17W	1762	1958	2154	1762	1958	2154	2004	2227	2449	2252	2503	2753	2252	2503	2753

- Tolerance range for optical and electrical data: ±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.