

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	~12V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	140
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	Fr4

Electrical Specifications

Series	4
Parallel	3
Total LED Quantity	12

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	11,6V	5,8W	344	362	380	344	362	380	391	412	433	439	462	485	439	462	485
300mA	100mA	11,9V	7,2W	408	429	450	408	429	450	464	488	512	520	547	574	520	547	574
350mA	116mA	12,1V	8,5W	463	487	511	463	487	511	528	556	584	562	592	622	562	592	622

- 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.