

Product Features

- High efficiency 165lm/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:2/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~84V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	500,7
Width(mm)	255
PCB Thicknes(mm)	1,6
PCB Material	CEM3

Electrical Specifications

Series	2*14
Parallel	2*7
Total LED Quantity	196

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.
350mA	50mA	82,6V	29,5W	3334	3704	4075	3334	3704	4075	3784	4204	4625	4234	4704	5174	4234	4704	5174
500mA	71mA	84V	42W	4551	5057	5562	4551	5057	5562	5177	5753	6328	5812	6458	7104	5812	6458	7104

- 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.