

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:1/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~33V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	270
Width(mm)	270
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	11
Parallel	6
Total LED Quantity	66

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	58mA	31,9V	11,2W	1686	1874	2061	1770	1966	2163	1853	2059	2265	1912	2125	2337	1912	2125	2337
500mA	83mA	33V	16,5W	2227	2475	2722	2340	2600	2860	2447	2719	2991	2530	2811	3092	2530	2811	3092

- 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.