

Product Features

- High efficiency 170lm/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	~21V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	280
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	7
Parallel	3
Total LED Quantity	21

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	20,3V	5W	767	852	937	767	852	937	803	892	981	839	932	1025	839	932	1025
300mA	100mA	21V	6,3W	878	976	1074	920	1022	1124	963	1071	1178	996	1106	1217	996	1106	1217
350mA	116mA	21,4V	7,5W	1056	1173	1291	1056	1173	1291	1105	1228	1351	1152	1281	1409	1152	1281	1409

- 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.