

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	~19V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	270
Width(mm)	247,5
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	6
Total LED Quantity	36

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	17,4V	6,1W	920	1022	1125	966	1073	1180	1011	1123	1236	1043	1159	1275	1043	1159	1275
500mA	83mA	17,7V	8,9W	1439	1598	1758	1439	1598	1758	1377	1530	1683	1315	1462	1608	1315	1462	1608
700mA	116mA	18,6V	13W	1976	2196	2416	1976	2196	2416	1895	2106	2317	1811	2012	2214	1811	2012	2214

- 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.