

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	~42V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	14
Parallel	3
Total LED Quantity	42

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	40,6V	10W	1534	1705	1875	1534	1705	1875	1606	1785	1963	1678	1864	2051	1678	1864	2051
300mA	100mA	42V	12,6W	1757	1953	2148	1840	2045	2249	1927	2142	2356	1992	2213	2434	1992	2213	2434
350mA	116mA	42,8V	15W	2113	2347	2582	2113	2347	2582	2211	2457	2702	2305	2562	2818	2305	2562	2818

- 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.