

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	~36V
Module Driver Type	Constant Current
LED Package	2016

Technical Specifications

Length(mm)	540
Width(mm)	540
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	12
Parallel	12
Total LED Quantity	144

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	29mA	34,8V	12,2W	1737	1930	2123	1737	1930	2123	1737	1930	2123	1879	2088	2297	1879	2088	2297
500mA	41mA	35,4V	17,7W	2424	2693	2962	2424	2693	2962	2424	2693	2962	2631	2923	3216	2631	2923	3216
700mA	58mA	36V	25,2W	3370	3744	4118	3370	3744	4118	3370	3744	4118	3655	4061	4467	3655	4061	4467
1050mA	87mA	36,6V	38,5W	4912	5458	6003	4912	5458	6003	4912	5458	6003	5340	5933	6526	5340	5933	6526

- 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.