

## Product Features

- High efficiency 160lm/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	~24V
Module Driver Type	Constant Current
LED Package	3014

**Technical Specifications**

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

**Electrical Specifications**

Series	8
Parallel	3
Total LED Quantity	24

**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	23,2V	5,8W	741	780	819	741	780	819	798	840	882	874	920	966	874	920	966
300mA	100mA	23,8V	7,2W	702	739	775	874	920	966	946	996	1045	1026	1080	1134	1026	1080	1134
350mA	116mA	24,2V	8,5W	988	1040	1092	988	1040	1092	1020	1074	1127	1163	1225	1286	1163	1225	1286

- 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.