

## Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range  
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

## Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

**General Specifications**

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	3535

**Technical Specifications**

Length(mm)	240
Width(mm)	260
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	16
Parallel	4
Total LED Quantity	64

**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 ~ 80°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.
1400mA	350mA	46,4V	65W	8320	8528	8736	8320	8528	8736	8896	9118	9340	9984	10233	10483	9984	10233	10483
2000mA	500mA	47,2V	94,5W	11385	11670	11954	11385	11670	11954	12179	12483	12788	13664	14005	14347	13664	14005	14347
2800mA	700mA	48V	134,5W	14860	15232	15603	14860	15232	15603	16160	16564	16968	18137	18591	19044	18137	18591	19044
4200mA	1050mA	48,8V	205W	20838	21359	21880	20838	21359	21880	22284	22841	23399	25011	25636	26261	25011	25636	26261

- 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.