

## 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
- Decorative Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

### General Specifications

Operation Voltage	~180V
Module Driver Type	Constant Current
LED Package	3535

### Technical Specifications

Length(mm)	290
Width(mm)	260
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

### Electrical Specifications

Series	60
Parallel	1
Total LED Quantity	60

### Connections Data

Wire size	0,35-0,75mm <sup>2</sup>
Terminal Strip Length	3-4mm
Connection type	Cable soldering

### Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

### Driving Current & Luminous Flux @(T<sub>j</sub>=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	350mA	174V	61W	7800	7995	8190	7800	7995	8190	8340	8548	8757	9360	9594	9828	9360	9594	9828
500mA	500mA	177,2V	88,6W	10674	10940	11207	10674	10940	11207	11418	11703	11988	12810	13130	13450	12810	13130	13450
700mA	700mA	180V	126W	13932	14280	14628	13932	14280	14628	15150	15528	15907	17004	17429	17854	17004	17429	17854
1050mA	1050mA	186V	192W	19536	20024	20512	19536	20024	20512	20892	21414	21936	23448	24034	24620	23448	24034	24620

- 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.