

## Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- 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

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

General Specifications	
Operation Voltage	~108V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications	
Length(mm)	173
Width(mm)	173
PCB Thicknes(mm)	1,6
PCB Material	ALU

Electrical Specifications	
Series	36
Parallel	1
Total LED Quantity	36

Connections Data	
Wire size	0,14-0,34mm <sup>2</sup> (26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics	
Operating Temperature range	-20 ~ 50°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	108V	37,5W	4680	4797	4914	4680	4797	4914									
500mA	500mA	108V	53,5W	6404	6564	6724	6404	6564	6724									
700mA	700mA	108V	75W	8359	8568	8777	8359	8568	8777									

- 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.