

## Product Features

- High efficiency 150lm/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

- Spot Lighting
- Downlight Application
- Decorative Lighting

**General Specifications**

Operation Voltage	107V
Module Driver Type	Constant Current
LED Package	3535

**Technical Specifications**

Length(mm)	160R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	36/12
Parallel	1/3
Total LED Quantity	36

**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	107V	37,5W	4680	4797	4914	4680	4797	4914	5004	5129	5254	5616	5756	5896	5616	5756	5896
500mA	500mA	107V	53,5W	6404	6564	6724	6404	6564	6724	6850	7022	7193	7686	7878	8070	7686	7878	8070
700mA	700mA	107V	75W	8359	8568	8777	8359	8568	8777	9090	9317	9544	10202	10457	10712	10202	10457	10712
1050mA	1050mA	107V	112,5W	11721	12014	12307	11721	12014	12307	12535	12848	13161	14068	14420	14772	14068	14420	14772

- 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.