

## 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	45V/90V
Module Driver Type	Constant Current
LED Package	3535

**Technical Specifications**

Length(mm)	140R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

**Electrical Specifications**

Series	30/15
Parallel	1/2
Total LED Quantity	30

**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.
700mA/350mA	350mA	89,2V / 44,6V	31,2W	3900	3998	4095	3900	3998	4095	4170	4274	4379	4680	4797	4914	4680	4797	4914
1000mA/500mA	500mA	89,2V / 44,6V	44,6W	5337	5470	5604	5337	5470	5604	5709	5852	5994	6405	6565	6725	6405	6565	6725
1400mA/700mA	700mA	89,2V / 44,6V	62,5W	6966	7140	7314	6966	7140	7314	7575	7764	7954	8502	8715	8927	8502	8715	8927
2100mA/1050mA	1050mA	89,2V / 44,6V	93,6W	9768	10012	10256	9768	10012	10256	10446	10707	10968	11724	12017	12310	11724	12017	12310

- 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.