



### Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- 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:1/pcs

### Application Areas

- Indoor lighting
- Panel lighting



RESİM HAZIRLANIYOR

**General Specifications**

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	5630

**Technical Specifications**

Length(mm)	266
Width(mm)	266
PCB Thicknes(mm)	1,6
PCB Material	CEM1

**Electrical Specifications**

Series	12
Parallel	12
Total LED Quantity	144

**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 ~ 50°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.
350mA	29mA	35,4V	12,4W	1866	2073	2280	1956	2174	2391	2047	2275	2502	2112	2347	2581	2112	2347	2581
500mA	41mA	36V	18W	2475	2750	3025	2592	2880	3168	2721	3024	3326	2812	3124	3437	2812	3124	3437

- 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.