

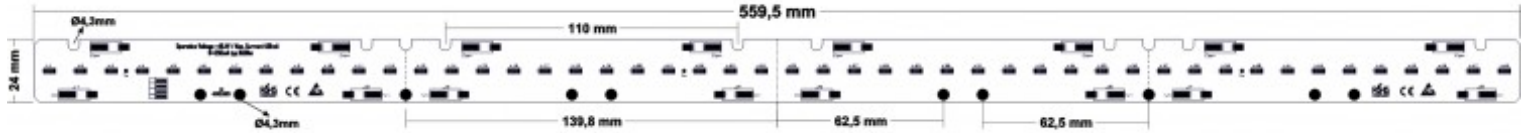


## Product Features

- High efficiency 160lm/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:10/pcs

## Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting



### General Specifications

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	3014

### Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

### Electrical Specifications

Series	16
Parallel	3
Total LED Quantity	48

### 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.
250mA	83mA	46,4V	11,6W	1482	1560	1638	1482	1560	1638	1596	1680	1764	1748	1840	1932	1748	1840	1932
300mA	100mA	47,6V	14,4W	1748	1840	1932	1748	1840	1932	1892	1992	2091	2052	2160	2268	2052	2160	2268
350mA	116mA	48,4V	17W	1976	2080	2184	1976	2080	2184	2040	2148	2255	2327	2450	2572	2327	2450	2572

- 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.