



Model No.	<b>SLQBxx24V</b>
REV.	1

## 24V 12x1W Power LED Bar

### Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: **SLQ1Wxx**

### Features:

- Available in red, yellow, green, blue, white and warm white
- 12x1Watt high power led as the light source
- Wide emitting angle 140deg
- Superior ESD protection
- Superior UV resistance, no IR radiation
- Energy efficient, low power consumption
- Unique heat sinking design leds high brightness performance

### Application:

- Small space lighting
- Mechanical equipment lights
- Edge - lighting of transparent or diffused materials
- Path & contour marking
- Architectural lighting, villa, restaurant, hotel, meeting room, shop, counter and so on
- To couple light into transparent or diffused glass
- Emergency/ rescue signs
- Widespread use in accessoril lights for indoors, medical, landscape
- Street lighting, architectural lighting, task lighting, general lighting

### Product Picture and Dimensions:





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#### Device Selection Guide

Module no.	Color	Wavelength (Typ.)	Overall luminous flux
SLQBVP24V	Green	525 nm	900 lm
SLQBAZ24V	Blue	470 nm	180 lm
SLQBAM24V	Yellow	590 nm	600 lm
SLQBR24V	Red	625 nm	600lm
SLQBBC24V	Warm White	3000K	1080 lm
SLQBB24V	White	6500K	1200 lm

#### Absolute Maximum Ratings(Ta=25°C)

Items	Symbol	Values	Units
Operating Supply Range(DC)	V <sub>dc</sub>	26	V
Input Current (DC)	I <sub>i</sub>	0.65	A
Power Dissipation	P <sub>a</sub>	16.9	W
Operating Temperature	T <sub>ope</sub>	-25 ~ +60	DegC
Storage Temperature	T <sub>stg</sub>	-40 ~ +80	DegC

#### Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
Input Voltage(DC)	V <sub>i</sub>	-	24	26	V
Product Input Current	I <sub>f</sub>	-	0.65	0.65	A
Power Dissipation	P <sub>a</sub>	-	15.6	16.9	W
Beam Pattern	BP	-	140	-	Deg
LED Quantity	QTY	-	12	-	Pcs
PCB Dimension	L <sub>mod.</sub>	-	570*20*1.6	-	mm
Net Weight	Wei.	---	70	---	g

