

Model No.	SLQBxx

Power LED Bar

Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: SLQ1WB100-120

Features:

- Available in red, yellow, green, blue, white and warm white.
- 12x1Watt high power led as the light source
- Big emitting angle 120deg.
- Superior ESD Protection
- Superior UV Resistance, no IR Radiation.
- Energy efficient, low power consumption and long lifetime
- 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 accessorial lights for indoors , medical, landscape.
- Street lighting, Architectural lighting, Task lighting, General lighting.



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Device Selection Guide

Module No.	Color	Wavelength (Typ.)	Overall Luminous Flux
SLQBR	Red	625 nm	600lm
SLQBVP	Green	525 nm	900lm
SLQBAZ	Blue	470 nm	180lm
SLQBAM	Yellow	590 nm	600lm
SLQBBC	Warm White	3000K	1080lm
SLQBBN	Warm White	4000K	1080lm
SLQBB	Pure White	6500K	1200lm

Absolute Maximum Ratings(Ta=25°C)

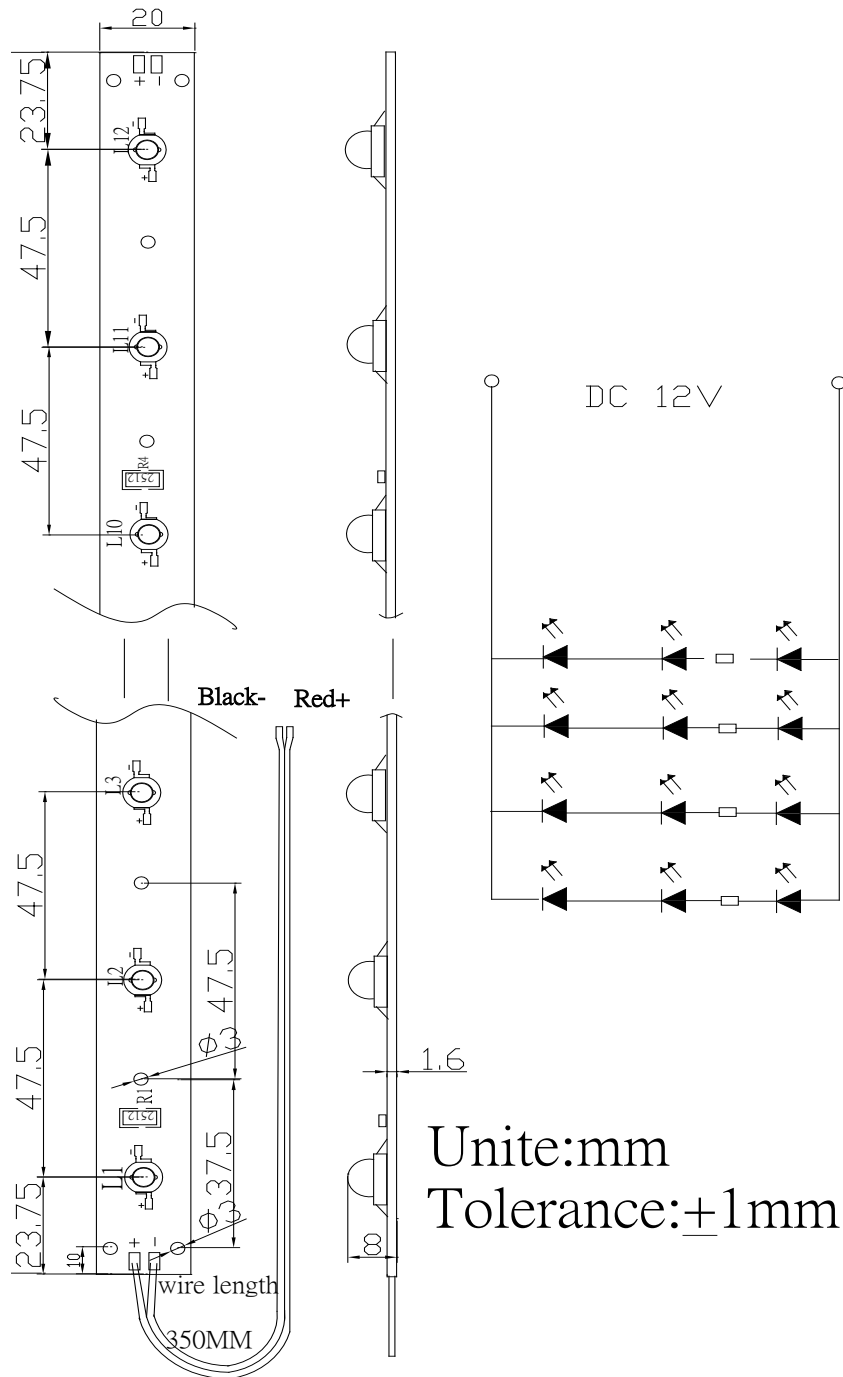
Items	Symbol	Values	Units
Operating supply range(DC)	V _{dc}	13	V
Input Current (DC)	I _i	1.6	A
Power Dissipation	P _a	16.8	W
Operating Temperature	T _{op}	-25 ~ +60	DegC
Storage Temperature	T _{stg}	-40~ +80	DegC

Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
Input Voltage(DC)	V _i	-	12	13	V
Product input Current	I _f	-	1.4	1.6	A
Power Dissipation	P _a		16.8	20.8	W
Beam Pattern	BP	-	120	-	Deg
LED Quantity	QTY		12		PCS
PCB Dimension	L _{mod.}	-	570*20*1.6	-	mm
Net Weight	Wei.	---	60	---	g

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Product Dimensions and Drawing



Unite:mm
Tolerance: ± 1 mm