

Model No.	SLQM4X1WLBP
REV.	C1

4x1W Power LED Module

Descriptions:

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

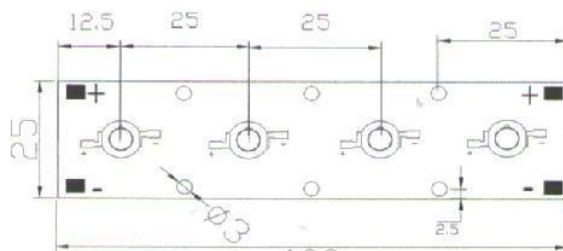
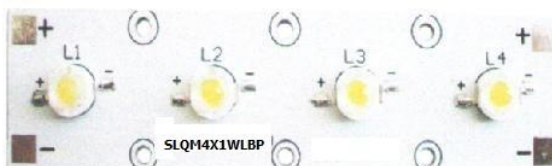
Features:

- Available in white and warm white
- High lumen output
- Big emitting angle
- Superior ESD protection
- Superior UV resistance

Application:

- Small space lighting
- Mechanical equipment lights

Product Picture and Dimensions:



Unit:mm
Tolerance:+0.30mm

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Device Selection Guide

Model No.	Color	Color Temperature (Typ.)	Overall Luminous Flux
SLQM4X1WLBC	Warm white	3000K	340lm
SLQM4X1WLBP	White	6500K	360lm

Absolute Maximum Ratings (Ta=25°C)

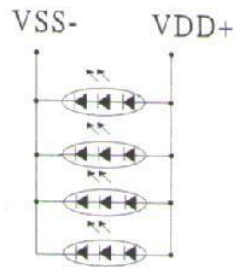
Items	Symbol	Values	Units
Operating Supply Range(DC)	V _{dc}	11.4	V
Input Current (DC)	I _i	600	mA
Power Dissipation	P _a	6.8	W
Operating Temperature	T _{op}	-10 ~ +40	DegC
Storage Temperature	T _{stg}	-20 ~ +80	DegC

Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P _m	-	4.8	6.8	W
Input Voltage(DC)	V _i	-	10	11.4	V
Product Input Current	I _f	-	480	600	mA
Beam Pattern	BP	-	120	-	Deg
PCB Dimension	L _{mod.}	-	100*25	-	mm
Net Weight	Wei.	---	14	---	g

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Product Circuit



Product Handling

- Please do not use a force of over 3kgf impact or pressure on the silicone lens, otherwise it will cause a catastrophic failure.
- The LEDs should only be picked up by making contact with the sides of the LED body.
- Avoid touching the silicone lens especially by sharp tools such as Tweezers.
- Avoid leaving fingerprints on the silicone lens.
- Please store the LEDs away from dusty areas or seal the product against dust.
- When populating boards in SMT production, there are basically no restrictions regarding the form of the pick and place nozzle, except that mechanical pressure on the silicone lens must be prevented.
- Please do not mold over the silicone lens with another resin. (epoxy, urethane, etc)

