

Model No.	SLQM9X1Wxx

9PCS Xeon 1 Power LED Module

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.
- High Lumen Output
- Big Emitting Angle
- Superior ESD Protection
- Superior UV Resistance
- Can be equipped with lens: SLQL9X1W

Application:

- Small space lighting
- Mechanical equipment lights

Product Picture and Dimensions:



Unit: mm
Tolerance: $\pm 0.3\text{mm}$

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Device Selection Guide

Absolute Maximum Ratings(Ta=25°C)

Module No.	Color	Wavelength (Typ.)	Overall Luminous Flux
SLQM9X1WR	Red	625 nm	450lm
SLQM9X1WVP	Green	525 nm	675lm
SLQM9X1WAZ	Blue	470 nm	135lm
SLQM9X1WAM	Yellow	590 nm	450lm
	Warm white	2500K	810lm
SLQM9X1WBC	Warm white	3000K	810lm
SLQM9X1WBN	Warm white	4000K	810lm
SLQM9X1WB	White	6500K	900lm
Item	Symbol	Values	Units
Operating supply range(DC)	V _{dc} (B, W, G)	12	V
	V _{dc} (R, Y)	9	
Input Current (DC)	I _i	1.5	A
Power Dissipation	P _a (B, W, G)	27	W
	P _a (R, Y)	20.25	
Operating Temperature	T _{ope}	-10 ~ +40	DegC
Storage Temperature	T _{stg}	-20 ~ +80	DegC

Typical Performance (Ta=25°C)

Item	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P _m (B, W, G)	-	10.5	14.4	w
	P _m (R, Y)		7.9	10.8	
Input Voltage(DC)	V _i (B, W, G)	-	10	12	V
	V _i (R, Y)		7.5	9.0	
Product Input Current	I _f	-	1.05	1.2	A
Beam Pattern	BP	-	120	-	Deg
PCB Diameter	L _{mod.}	-	88	-	mm
Numbers of LED	Qty.		9		Pcs
Net Weight	Wei.	---	40	---	g