



Model No.	SLQMDBN modulo + lente
REV.	C1

Xeon Power 3W LED Module

Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: **SLQB100-120**

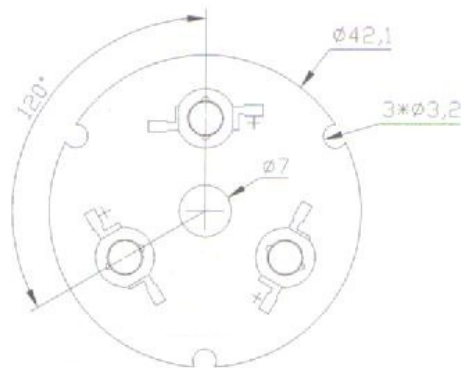
Features:

- Available in red, yellow, green, blue, white
- High lumen output
- Wide emitting angle
- Superior ESD protection
- Superior UV resistance
- Can be equipped with lens:

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

Module No.	Color	Wavelength (Typ.)		Condition	Overall luminous flux (Typ.)
SLQMDR	Red	625 nm		IF=350mA	150 lm
SLQMDVP	Green	525 nm		IF=350mA	225 lm
SLQMDAZ	Blue	470 nm		IF=350mA	45 lm
SLQMDAM	Yellow	590 nm		IF=350mA	150 lm
SLQMDB	White	X=0.31, Y=0.33	6500K	IF=350mA	300 lm
SLQMDBC	Warm White	X=0.45, Y=0.41	3000K	IF=350mA	270 lm
SLQMDBN	Warm White	X=0.38, Y=0.39	4000K	IF=350mA	270 lm

Absolute Maximum Ratings (Ta=25°C)

Items	Symbol	Values	Units
Operating supply range(DC)	Vdc(B, W, G)	12	V
	Vdc(R, Y)	9	
Input Current (DC)	Ii	400	mA
Power Dissipation	Pa(B, W, G)	4.8	W
	Pa(R, Y)	3.6	
Operating Temperature	Tope	-10 ~ +40	DegC
Storage Temperature	Tstg	-20 ~ +80	DegC

Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	Pm(B, W, G)	-	3.5	4.8	w
	Pm(R, Y)		2.625	3.6	
Input Voltage(DC)	Vi(B, W, G)	-	10	12	V
	Vi (R, Y)		7.5	9	
Product input Current	Ii	-	350	400	mA
Beam Pattern	BP	-	120	-	Deg
Nos. of LED	Qty	-	3	-	Pcs
Diameter of PCB	Lmod.	-	42.1	-	mm
Net Weight	Wei.	---	5	---	g



Model No.	Lente para modulo SLQMDxx
REV.	C0

PRODUCT SPECIFICATION FOR LED LENS

Models	
Specification	Φ50*15.5
Perspective	25
Wick	3
High Power PCB series	SLQMDxx
Material	PMMA.
Transmittance	93%
Temperature	-35°C-90°C
Standard	SGS/ROHS
Surface Treatment	P

LENS Photo



