

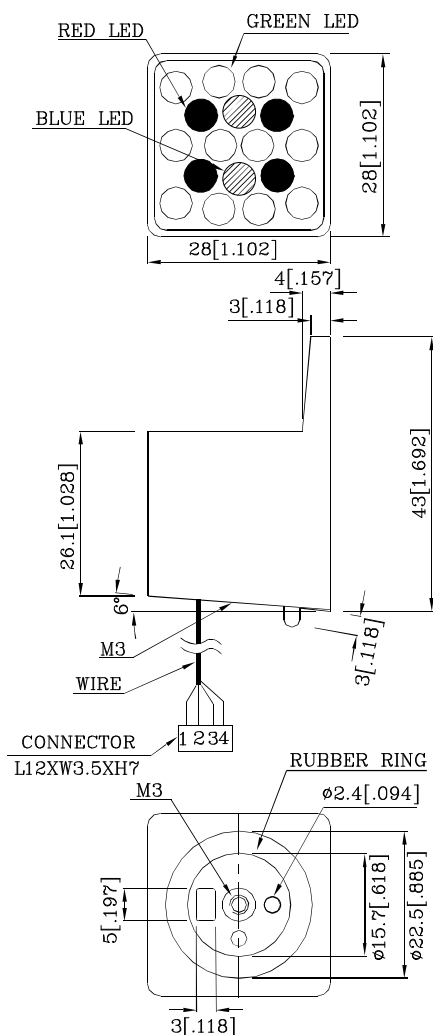
PRELIMINARY SPEC



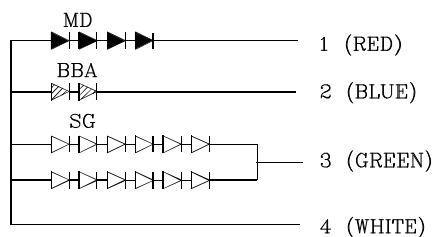
ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

Features

- HIGH VISIBILITY.
- WATER PROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS.
- CAN PRODUCE ANY COLOR IN VISIBLE SPECTRUM, INCLUDING WHITE LIGHT.
- RoHS COMPLIANT.



LMD17W-11.7x4PCS
LBBA17W-11.7x2PCS
LSG17W-11.7x12PCS



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
3. Specifications are subject to change without notice.



Electrical / Optical Characteristics at TA=25°C

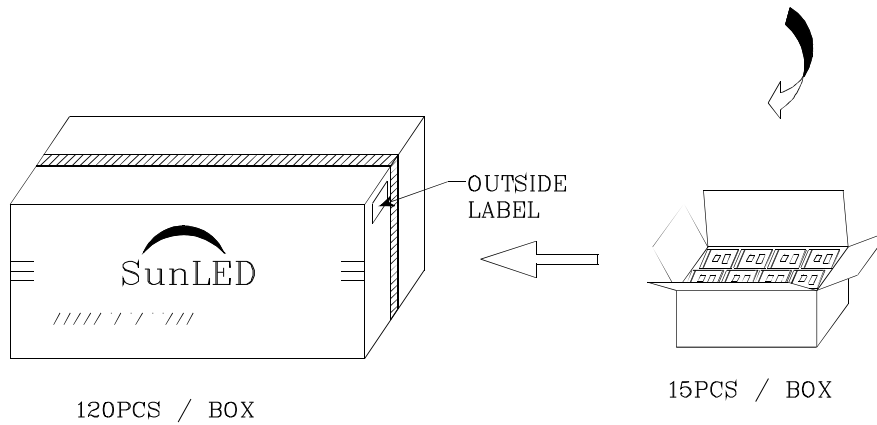
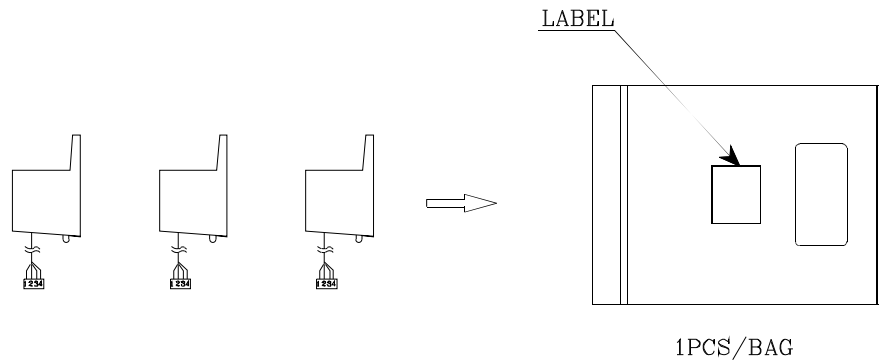
Sym-bol	Parameter	Device	Wafer	Min.	Typ.	Max.	Units	Test Condi-tions
Iv	Luminous Intensity	K4MD2BBA12SGW85	MD BBA SG	480 280 110	1095 647 297	-	med	IF=20mA IF=20mA IF=40mA
201/2	Viewing Angle		MD BBA SG	-	40	-	deg	-
VF	Forward Voltage		MD BBA SG	-	7.6 6.4 12.6	10 8 15	V	IF=20mA IF=20mA IF=40mA
λP	Peak Wavelength		MD BBA SG	-	640 468 574	-	nm	IF=20mA IF=20mA IF=40mA
λD	Dominate Wavelength		MD BBA SG	-	628 470 568	-	nm	IF=20mA IF=20mA IF=40mA
Δλ1/2	Spectral Line Half-width		MD BBA SG	-	27 21 26	-	nm	IF=20mA IF=20mA IF=40mA
IR	Reverse Current			-	-	40	uA	VR = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Type		Units
Total Power dissipation	MD	1200	mW
	BBA		
	SG		
DC Forward Current	MD	25	mA
	BBA	25	
	SG	50	
Reverse Voltage	5		V
Operating Temperature	-40 To +70		°C
Storage Temperature	-40 To +85		°C

PACKING & LABEL SPECIFICATIONS

K4MD2BBA12SGW85



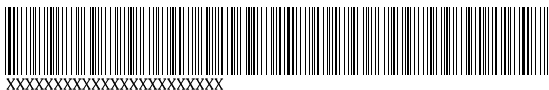


Q.C.

Q C

XX XX XX

PASSED

P/NO : Kxxx	
QTY : 1pcs	CODE: XXX
S/N : XX	
LOT NO:  xxxxxxxxxxxxxxxxxxxxxx	
RoHS Compliant	