



ATTENTION

OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

BLS101PWC-6V-P

WHITE

Features

- BUILT-IN CURRENT LIMITING RESISTOR FOR DIRECT APPLICATION OF DIFFERENT ACROSS CURRENT.
- LONG LIFE.
- LOW CURRENT, POWER SAVINGS.
- LOW MAINTENANCE.
- DIFFERENT COLOR AVAILABLE.
- SOLID STATE, HIGH VIBRATION RESISTANT.
- 6V INTERNAL RESISTOR.

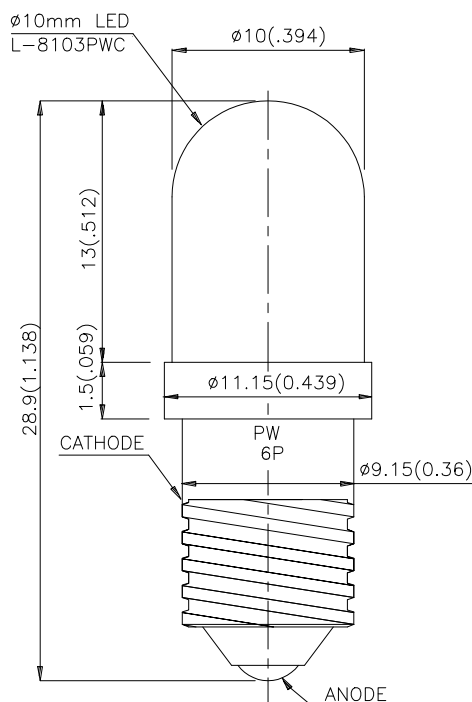
Description

The source color devices are made with InGaN on SiC Light Emitting Diode.

Static electricity and surge damage the LEDs. It is recommended to use a wrist band or anti-electrostatic glove when handling the LEDs.

All devices, equipment and machinery must be electrically grounded.

Package Dimensions



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.

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) V=6V		Viewing Angle
			Min.	Typ.	2θ1/2
BLS101PWC-6V-P	WHITE (InGaN)	WATER CLEAR	650	1200	40°

Note:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
I _F	Forward Current	White	21.5	30	mA	V _F =6V
I _R	Reverse Current	White	-	10	uA	V _R = 5V
X	Chromaticity Coordinates	White	0.33	-	-	-
Y			0.34	-	-	-
C	Capacitance	White	65	-	pF	V _F =0V, f = 1MHz

Absolute Maximum Ratings at T_A=25°C

Parameter	White	Units
Power dissipation	170	mW
DC Forward Voltage	7	V
Derating linear from 25 °C	0.4	mA
Reverse Voltage	5	V
Operating Temperature	-40 °C To + 70 °C	
Storage Temperature	-40 °C To + 85 °C	

White

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