Kingbright

5mm FLANGE BASED LED LAMP

BLFA052MBC-6V-P BLUE

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.

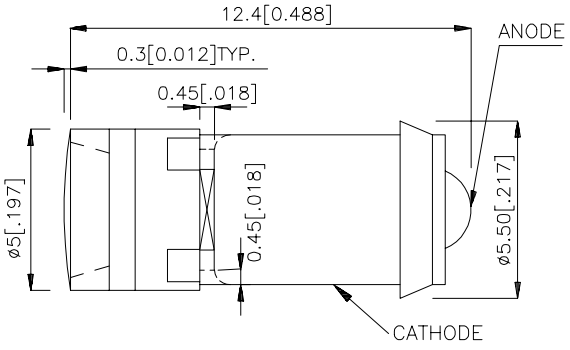
Description

The Blue source color devices are made with GaN 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 ±0.25(0.01") unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

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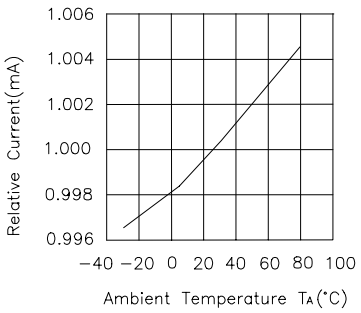
Selection Guide

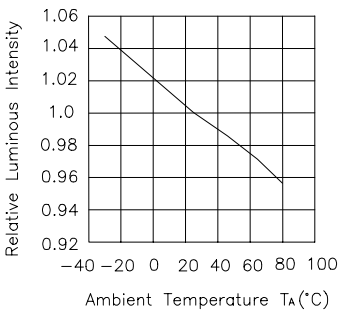
Part No.	Circuit Rating Volts	Power (W) Typ.	Circuit Voltage		Current I_F (mA) Typ.	λD (nm)	Dice	Lens Type	Iv (mcd) V=6V		Viewing Angle
			Min.	Max.					Min.	Typ.	2θ1/2
BLFA052MBC-6V-P	6V	0.12	5	8	20	455	BLUE (GaN)	WATER CLEAR	8	40	110°
Operating Temperature			- 30°C to +80°C								
Storage Temperature			- 40°C to +100°C								

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

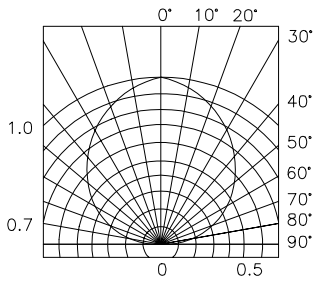
Blue BLFA052MBC-6V-P



AMBIENT TEMPERATURE Vs.
RELATIVE CURRENT



AMBIENT TEMPERATURE Vs.
RELATIVE LUMINOUS INTENSITY



SPATIAL DISTRIBUTION