Sunlight-Visible 6/7 LED Cluster Bulbs Offer Faster Turn-On, More Uniform Illumination

LEDtronics has announces a family of sunlight-visible, bayonet-base 6/7 LED cluster lamps as replacement for incandescent T3¼ miniature bulbs whose critical status indication is the determining factor and relamping costs are a major consideration.

The LEDtronics LED lamps feature a 90% reduction in power consumption (very low power draw of 0.8-0.91 watts, depending on the LED light color) and directly replace numbers including 6MB, 44, 47, 755 (5/6V) 12MB, 756 (12/14V), 24MB (24V), 313, 757, 1819, 1829 (28V), 48MB (48V), 60MB, 1835 (60V), 120MB and NE51H (120VAC).

The solid-state design of the BF3126 and BF3127 Series LED lamps renders them impervious to electrical and mechanical shock, vibration, frequent switching and environmental extremes. They boast faster turn-on and reaction time compared to filament lamps, yet provide comparable luminous intensity and pure wavelength light for a more uniform illumination.

These miniature bayonet base bulbs are available in the following LED light colors, all sunlight-visible: 470nm Super Blue (InGaN), 525nm Aqua Green (InGaN), 570nm Lime Green (InGaAlP), 595nm Super Yellow (InGaAlP), 612nm Super Orange, 660nm Ultra Red (GaAlAs/GaAlAs), 8000K Cool White (InGaN) and 3000K Warm White (InGaN).

Designated as the BF3126 and BF3127 Series, these lamps are both socket and circuit compatible for easy installation and interchangeability. They feature a wide viewing angle of 120 degrees, are rated at 100,000 hours MTBF for color light and up to 50,000 hours for white LED light, and are field-replaceable for quick convenience and safety. In typical applications they provide sharper, higher intensity illumination and better visibility than standard lamps and achieve full brightness more rapidly.

The BF3126 and BF3127 Series LED lamps are ideal for industrial control panels, lighted switch gear found in water treatment plants, nuclear, coal or gas-generated power plants, aircraft instrumentation, elevator panels, automobile dash lighting, audio and intercom panels, broadcast equipment and medical instrumentation, to name a few.

The BF3126 and BF3127 Series can be specified in virtually any combination of colors and operating voltages to fit the customer's specific configuration and voltage requirements. These LED lamps are offered in a choice of voltages—6VDC, 12/14VDC, 24VDC, 28VDC, 120VAC, 130VDC.

Priced at $17.50 to $21.50 each in the five-piece quantity, the BF3126 and BF3127 Series is available in production quantities in 3 to 5 days, with samples and/or prototype quantities available to qualified customers in 1 week.

For more information, please visit www.ledtronics.com [1].

Posted by Ron M. Seidel, Editorial Intern

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[1] http://www.ledtronics.com