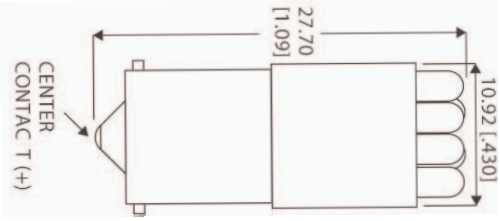
585 Series Cluster Based LED T 3 1/4 Miniature Bayonet (BA9S)

FEATURES / BENEFITS

- ▲ Easy installation
- ▲ Super bright multiple design LED
- ▲ AlInGaP and InGaN technology
- ▲ Polarized and non polarized configurations available
- ▲ High brightness with low current draw - uses up to 90% less energy than an incandescent
- ▲ Long life - typically 100K hours
- ▲ No heat generated
- ▲ Resistant to shock and vibration
- ▲ Integral resistor
- ▲ Colors include red,green,amber,blue and white

Dialight's line of based LED lamps is designed to directly replace many popular subminiature and miniature incandescent lamps. The benefits of LED technology over incandescent are significant: They offer long life, are shock resistant, withstand vibration and provide energy conservation.

SPECIFICATIONS



Measurements are typical
Dimensions are inches [mm]

- ▲ Operating Voltages - 6,14, 28 VDC, 120 VAC
- ▲ Polarized and non-polarized available
- ▲ Operating temperature: -30°C to 85°C
- ▲ Storage temperature: -40°C to 100°C
- ▲ Replaces incandescent lamp numbers: 44, 47, 313, 755,1815, 1819, 1847, 1850, 1866, 1889, 1891, 1892, 1893 and 1895*

***May replace other incandescent lamps.**

CONSIDERATIONS

- ▲ These lamps are available in 6, 14, 28VDC, and 120 VAC.
- ▲ Although these lamps can be operated at a lower voltage, which will increase the life, the intensity will be reduced.
- ▲ Operation of the based LED at a higher voltage should not exceed 10% above the recommended voltage.
- ▲ Dialight does not recommend the based LED lamps be used in neon lamp sockets.
- ▲ If the socket's polarity is unknown, Dialight recommends using a non-polarized lamp.

Dialight reserves the right to make changes at any time in order to supply the best product possible.

ENERGY STAR PARTNER

A4703 UL REGISTERED FIRM ISO 9001
Dialight Corporation

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POLARIZED

Part Number	Color	Polarity	Peak Wavelength nm	Nominal Voltage	Forward Current (TYP. mA)	Intensity (TYP. - mcd)
585-5211	Red	Polarized	660	6	60	480
585-5311	Green	Polarized	565	6	60	420
585-5511	Yellow	Polarized	592	6	90	1800
585-5213	Red	Polarized	660	14	40	480
585-5313	Green	Polarized	565	14	40	420
585-5513	Yellow	Polarized	592	14	60	1800
585-5215	Red	Polarized	660	28	20	560
585-5315	Green	Polarized	565	28	20	490
585-5515	Yellow	Polarized	592	28	30	2100
585-5256	Red	Polarized	660	120 VAC	9	252
585-5356	Green	Polarized	565	120 VAC	9	220
585-5556	Yellow	Polarized	592	120 VAC	9	945

NON- POLARIZED

585-5223	Red	Non-Polarized	660	14	40	480
585-5323	Green	Non-Polarized	565	14	40	420
585-5523	Yellow	Non-Polarized	592	14	60	1800
585-5225	Red	Non-Polarized	660	28	20	560
585-5325	Green	Non-Polarized	565	28	20	490
585-5525	Yellow	Non-Polarized	592	28	30	2100

Maximizing Light Output

Since lens caps act as filters for the light emitted from the based LED, it is important to match the color of the wavelength of the LED. Dialight recommends using transparent lenses, which will optimize light output. The 095 Series lamp sockets may be used with these based LEDs, and matched with the following caps:

Red	052-3191-003
Green	052-3198-003
Yellow/Amber	052-3193-003
Blue	052-3194-003
Clear	052-3197-003

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