

# Dialight

## 586 Series

## CLUSTER BASED LED

## 15mm BAYONET

## (BA15S)

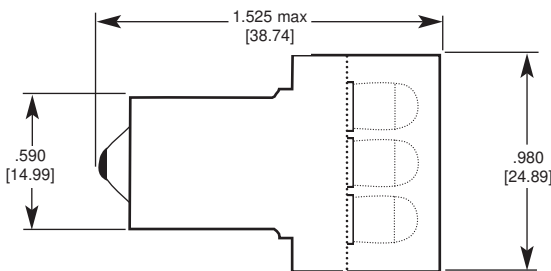


### FEATURES / BENEFITS

- ▲ High brightness with low current draw - uses up to 90% less energy than an incandescent
- ▲ Long life - up to 100K hours
- ▲ No heat generated
- ▲ Mounts directly into industry standard socket
- ▲ Resistant to shock and vibration
- ▲ AllnGaP and InGaN technology
- ▲ 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 - 14 and 28 VDC
- ▲ Multiple LED construction
- ▲ Operating temperature: -30°C to 85°C
- ▲ Storage temperature: -40°C to 100°C
- ▲ Replaces incandescent lamps\*: 67, 71, 89, 93, 97, 98, 105, 199, 303, 305, 307, 315, 623, 631, 1003, 1093, 1095, 1129, 1141, 1155, 1156, 1159, 1203, 1251, 1295, 1308, 1591, 1665, 1683, 1691, 2233

\*May replace other incandescent lamps.

### CONSIDERATIONS

- ▲ 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.
- ▲ 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 that based LED lamps be used in neon sockets.

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



A4703



ISO 9001

Dialight Corporation

### Dialight Corporation

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a Roxboro Group Company

MDEL586I001\_B



**586 Series**  
**CLUSTER BASED LED**  
**15mm BAYONET**  
**(BA15S)**

**15mm BAYONET (BA15S) - POLARIZED**

PART NUMBER	COLOR	VOLTAGE	CURRENT	INTENSITY
586-4601-103	Red	14	30	17325
586-4602-103	Green	14	20	21000
586-4603-103	Yellow	14	30	17325
586-4605-103	Blue	14	20	6300
586-4606-103	White	14	20	23800
586-4601-105	Red	28	30	17325
586-4602-105	Green	28	20	21000
586-4603-105	Yellow	28	30	17325
586-4605-105	Blue	28	20	6300
586-4606-105	White	28	20	23800

**Based LEDs SELECTION**

With the technological advancements in Light Emitting Diodes (LEDs) brightness can now rival the incandescent lamp when used in similar packages. These advancements have created a new type of product called the based LED - an LED with the functionality of an incandescent bulb.

The following styles are currently available in red, green, amber, blue and white:

- ▲ T 1 3/4 Midget Flange
- ▲ T 1 3/4 Bi-Pin
- ▲ T 1 3/4 Wedge (T5)
- ▲ T 2 Telephone Slide
- ▲ T 3 1/4 Miniature Bayonet (BA9S)
- ▲ T 3 1/4 Miniature Screw (E10)
- ▲ T 3 1/4 Wedge (T10)
- ▲ 15mm SC Bayonet (BA15S)

Dialight's line of based LEDs continues to grow.

Please visit our website for more information.

[www.dialight.com](http://www.dialight.com)

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