Dialight

585 Series

Multi-Chip BASED LED
T1 3/4 Midget Flange

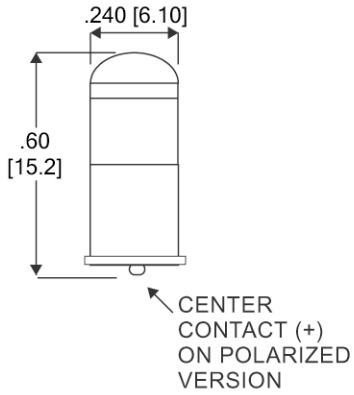


FEATURES / BENEFITS

- ▲ Low current draw - uses up to 90% less energy than incandescent
- ▲ Long Life - up to 100K hours
- ▲ True non-polarized configurations available
- ▲ No heat generated
- ▲ Mounts directly into industry standard socket
- ▲ Available in 6, 14, and 28 VDC

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, and 28 VDC
- ▲ Polarized and non-polarized available
- ▲ Operating temperature: -20ºC to +60ºC
- ▲ Storage temperature: -30ºC to +100ºC
- ▲ Replaces incandescent lamp numbers: 327, 328, 330, 345, 349, 350, 376, 377, 380, 381, 382, 385, 387, and 7341.*

* **See Dialight's Incandescent lamp/based LED cross reference for a complete listing**

CONSIDERATIONS

- ▲ Since lens caps act as filters for the light emitted from the based LED, it is important to match the emitting color of the LED. If not matched properly, the overall light output may be substantially reduced. Dialight recommends using transparent lenses, which will optimize the light output.
- ▲ If you are unfamiliar with the polarity of the circuit, Dialight recommends using a non-polarized version.
- ▲ 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.

ENERGY STAR PARTNER

A4703 UL REGISTERED FIRM ISO 9001
Dialight Corporation

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a Roxboro Group Company

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POLARIZED

Part Number	Color	Peak Wavelength (nm)	Voltage (VDC)	Current TYP.-(mA)	Intensity TYP.-(mcd)
585-1211	Red	660	6	50	67
585-1311	Green	565	6	46	77
585-1411	Yellow	585	6	44	22
585-1213	Red	660	14	30	60
585-1313	Green	565	14	28	70
585-1413	Yellow	585	14	30	23
585-1215	Red	660	28	16	64
585-1315	Green	565	28	15	75
585-1415	Yellow	585	28	15	23

NON-POLARIZED

Part Number	Color	Peak Wavelength (nm)	Voltage (VDC)	Current TYP.-(mA)	Intensity TYP.-(mcd)
585-1221	Red	660	6	75	50
585-1321	Green	565	6	67	56
585-1421	Yellow	585	6	73	18
585-1223	Red	660	14	26	50
585-1323	Green	565	14	23	56
585-1423	Yellow	585	14	24	18
585-1225	Red	660	28	14	56
585-1325	Green	565	28	13	65
585-1425	Yellow	585	28	13	20

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, yellow, blue and white:

- ▲ T1 3/4 Midget Flange
- ▲ T1 3/4 Bi-Pin
- ▲ T1 3/4 Wedge (T5)
- ▲ T2 Telephone Slide
- ▲ T3 1/4 Miniature Bayonet (BA9s)
- ▲ T3 1/4 Miniature Screw (E10)
- ▲ T3 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

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