



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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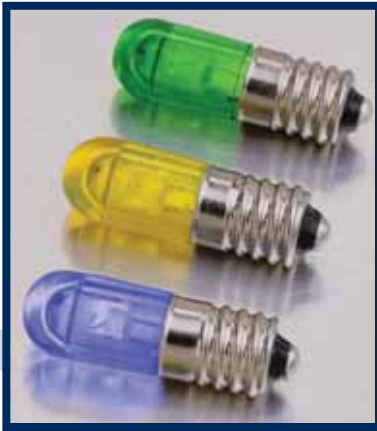
Dialight

586 VIP Series

Variable Input 6-36 Volts DC

Single Chip BASED LED

T 3 1/4 MINIATURE SCREW BASE (E10)

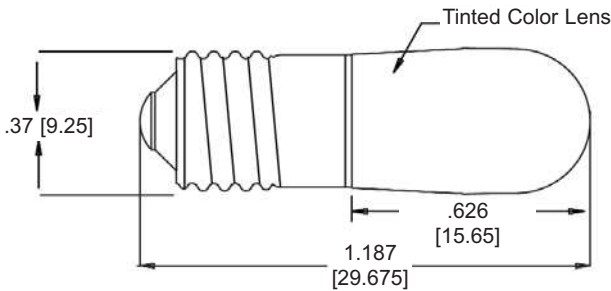


FEATURES / BENEFITS

- ▲ RoHS Compliant
- ▲ Unique VIP technology provides 6-36 VDC operation
- ▲ High brightness with low current draw - uses up to 90% less energy than an incandescent
- ▲ Long life - typically 100K hours
- ▲ True non-polarized configuration
- ▲ No heat generated
- ▲ Mounts directly into industry standard socket
- ▲ Resistant to shock and vibration
- ▲ AllnGaP and InGaN technology
- ▲ Colors include red, green, yellow, 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 voltage: 6-36 VDC
- ▲ Non-polarized
- ▲ Operating temperature: -30°C to +85°C
- ▲ Storage temperature: -40°C to +100°C
- ▲ Replaces incandescent lamp numbers: 40, 46, 1481, 1487, 1821*

* 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.
- ▲ 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.



Dialight Corporation

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MDEL586MSVIP001_C



586 VIP Series

Variable Input 6-36 Volts DC

Single Chip BASED LED

T 3 1/4 MINIATURE SCREW BASE (E10)

T 3 1/4 MINIATURE SCREW (E10)

Part Number	Color	Dominant Wavelength (nm)	Nominal Voltage (VDC)	Forward Current TYP. (mA)	Intensity TYP. (mcd)	RoHS Compliant
586-2701-220F	Red	630	6-36	10	1000	✓
586-2702-220F	Green	525	6-36	10	1500	✓
586-2703-220F	Yellow	592	6-36	10	550	✓
586-2705-220F	Blue	470	6-36	10	200	✓
586-2706-220F	White	*	6-36	10	650	✓

* Color Coordinates: x = 0.330, y = 0.365

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:

- ▲ 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

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