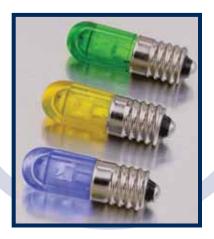


586 VIP Series

Variable Input 6-36 Volts DC

Single Chip BASED LED

T 3 1/4 MINIATURE SCREW BASE (E10)

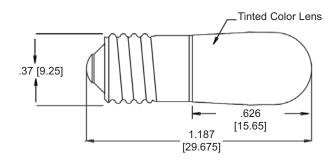


FEATURES / BENEFITS

- ▲ 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

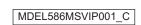
CONSIDERATIONS

- ▲ 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

1501 Route 34 South • Farmingdale, NJ 07727 USA Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com











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

Dialight Corporation

1501 Route 34 South • Farmingdale, NJ 07727 USA Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com











X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for LED Replacement Lamps - Based LEDs category:

Click to view products by Dialight manufacturer:

Other Similar products are found below:

5855325F 586-0001-801F 586-0001-805F 586-1A01-101F LAPD-1A LAPD-1R LAPD-2R LAPD-6W LE-4MF-12R SSP-1156B153S12

SSP-1157B156U12 SSP-13MB152UP12G SSP-3MB93S12G SSP-4SE103S12G SSP-4SE106U12G SSP-D29E10SUGC-12V 558521-1 560-0101F 560-0103F LAPD-1W LAPD-6R LE-4MF-12Y 585-1115F 560-0104F 585-1113 585-1113F 586-2706-220F 586-6403-206F

MGRG812D 585-1223F SSP-D29E10SIC-12V SSP-4SE102UP12G SSP-3MB96U12G SSP-24MDB156U12G SSP-24MDB152UP12G SSP-24MB153S12G SSP-1156B157U12 A22NZ-L-AB 586-1A02-101F 585-1413F SLL-05EY A22NZ-L-AE A22NZ-L-OC 586-1A05-101F 560-0203F 586-2206-205F SSP-LXS1826U16A 1835LS3-W-CW A22NZ-L-GB MS200-NFW2