

The LED

The LED (Light-Emitting Diode) is an electronic light source. Invented in the early 20th century and introduced as practical electronic component in 1962. All early devices emitted low-intensity read lights but modern LED's are available across the ultraviolet and infrared wavelengths with very high brightness.

Typical indicator LEDs are designed to operate with no more than 30-60 milliwatts of electrical power.

Solid state devices such as LEDs are subject to very limited wear and tear if operated at low currency and at low temperature. Many of the LEDs produced in the 1970s and 1980s are still in service today. Typical life times quoted are 25000 to 1000000 hour, but heat and current settings can extend or shorten this time significantly.

Super Flux LED Bulb





Super Flux LED Filament Bulb VT No. Description 33-1378 Dual filament, amber 33-1266 Dual filament, red 33-1267 Dual filament, white 33-1377 Single filament, amber 33-1379 Single filament, red 33-1380 Single filament, white

33-1382 Dual filament, amber/white 33-1384 Dual filament, red/white 33-1381 Single filament, amber/white 33-1383 Single filament, red/white 33-1291 Single filament, clear



Super Flux LED Bulb Wedge Style VT No. Description 33-1386 Dual filament, amber 33-1268 Dual filament, red 33-1269 Dual filament, white 33-1385 Single filament, amber 33-1387 Single filament, red 33-1388 Single filament, white 33-1390 Dual filament, amber/white 33-1392 Dual filament, red/white 33-1389 Single filament, amber/white 33-1391 Single filament, red/white



SMD Bulb

SMD

33-1922 Single filament, red

33-1923 Single filament, amber

So what is "SMD"?

SMD Stands for Surface Mounted Device. An electrical component that is usually mounted on the surface of a circuit board. Advanced technology has made these components smaller and smaller. Manufacturers are now making SMD LED's (Light Emitting Diodes). These incredible small SMD LED's are extremely bright and allow for more light in a compact bulb. Replace an old conventional bulb with these super bright, extended life, low energy bulbs.





SMD Filament Bulb VT No. Description 33-1351 Dual filament, amber 33-1353 Dual filament, red 33-1355 Dual filament, white 33-1350 Single filament, amber 33-1352 Single filament, red 33-1354 Single filament, white



SMD LED Wedge Style Bulb VT No. Description 33-1357 Dual filament, amber 33-1359 Dual filament, red 33-1361 Dual filament, white 33-1356 Single filament, amber 33-1358 Single filament, red 33-1360 Single filament, white

6 Volt Bulb

6 V Bulbs				VT No.	OEM#	Application	Industry#
VT No.	OEM#	Application I	ndustry#	33-2046	68165-15	Dash 1938-46	63
33-0140	67750-35	Spring Fork Headlamp	2320			Front Fender Light 1935-1948	
		Flange Base Double Filament				Bullet Light Dim	
33-0142	142 68165-34 Mini Bulb for Brake and Tail Lamp 1158		33-1530	4567-29	Dash Indicator Light	64	
		1947-64, sold in a 10 pack				1929-36 JD and UL	
		Bayonet Base and Pins are aligned		33-0244	68561-49	Dash Indicator Light	51
33-0130	68165-47	As Above, Staggered Pins	1154			Front Fender Light 1949-51	
33-0164	68715-20	41/2" Spotlamp 1938-48		33-0132	71090-47	Dash Indicator Lights	44
		Bayonet Base, sold in a 10 pack	1133			1947-64	
33-1981	68715-49	As Above Flange Base	1503			Speedometer Light 1947-64	
				33-1970	68572-50	Directional Light	1129
						1950-64 Bullet Light Bright	
	VT No. 33-0140 33-0142 33-0130 33-0164	VT No. OEM# 33-0140 67750-35 33-0142 68165-34 33-0130 68165-47 33-0164 68715-20	VT No. OEM# Application 33-0140 67750-35 Spring Fork Headlamp Flange Base Double Filament 33-0142 68165-34 Mini Bulb for Brake and Tail Lam 1947-64, sold in a 10 pack Bayonet Base and Pins are align 33-0130 68165-47 As Above, Staggered Pins 33-0164 68715-20 4½" Spotlamp 1938-48 Bayonet Base, sold in a 10 pack	VT No. OEM# Application Industry# 33-0140 67750-35 Spring Fork Headlamp Flange Base Double Filament 2320 33-0142 68165-34 Mini Bulb for Brake and Tail Lamp 1158 1947-64, sold in a 10 pack Bayonet Base and Pins are aligned 33-0130 68165-47 As Above, Staggered Pins 1154 1154 1154 1154 1154 1154 1154 115	VT No. OEM# 33-0140 Application 67750-35 Industry# Spring Fork Headlamp Flange Base Double Filament 33-2046 33-0142 68165-34 Mini Bulb for Brake and Tail Lamp 1158 1947-64, sold in a 10 pack Bayonet Base and Pins are aligned 33-1530 33-0130 68165-47 As Above, Staggered Pins 4½" Spotlamp 1938-48 Bayonet Base, sold in a 10 pack 1133 33-0132 33-1981 68715-49 As Above Flange Base 1503	VT No. OEM# Application Industry# 33-2046 68165-15 33-0140 67750-35 Spring Fork Headlamp Flange Base Double Filament 2320 2320 33-0142 68165-34 Mini Bulb for Brake and Tail Lamp 1158 33-1530 4567-29 1947-64, sold in a 10 pack Base and Pins are aligned 33-0244 68561-49 33-0130 68165-47 As Above, Staggered Pins Above, Staggered Pins Base, sold in a 10 pack Base, sold in a 10 pack Base, sold in a 10 pack Base Base Base Base Base Base Base Base	VT No. OEM# 33-0140 Application 67750-35 Industry# Spring Fork Headlamp Flange Base Double Filament 33-2046 2320 Front Fender Light 1935-1948 Bullet Light Dim 33-0142 68165-34 Mini Bulb for Brake and Tail Lamp 1158 1947-64, sold in a 10 pack Bayonet Base and Pins are aligned 33-1530 33-0130 4567-29 68561-49 Dash Indicator Light 1929-36 JD and UL Dash Indicator Light Front Fender Light 1949-51 33-0130 68165-47 68715-20 As Above, Staggered Pins 4½" Spotlamp 1938-48 Bayonet Base, sold in a 10 pack Base, sold in a 10 pack 1133 33-0132 133-0132 71090-47 71090-47 Dash Indicator Light Front Fender Light 1949-51 Dash Indicator Lights 1947-64 Speedometer Light 1947-64 33-1981 68715-49 As Above Flange Base 1503 Speedometer Light 1947-64 Speedometer Light 1947-64