

# 1835 Series

## T-31/4 Bayonet Based Lamps



- Replaces 1835 and 1819 incandescent bulbs
- For GE ET-16 Socket
- No modification to series resistor required
- Built-in shunt resistor to clamp noise current
- Bi-polar
- High-intensity
- Up to 100,000-hour life
- Shock and vibration resistant

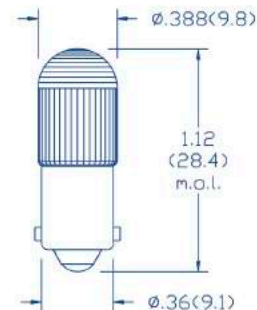
The PowerLine® 1835LS and 1819LS2 series LED lamps are designed specifically for the GE ET-16 socket. Several models are available to operate with industry-standard voltages and series resistor combinations.

ET-16 socket not included

### To select a PowerLine® LED lamp:

1. Identify your input voltage and series resistor from the chart below.  
Series resistor values are usually marked on the ceramic case at the back of the socket.
2. Select the appropriate PowerLine® LED part number.
3. Replace "X-CX" in the part number with the color code (see LED color code chart below).

INPUT VOLTAGE	SERIES RESISTOR	MAXIMUM VOLTAGE	PowerLine® LED PART #
24DC	10Ω	28	1819LS2-X-CX
48DC	200Ω	56	1835LS2-X-CX
100-140DC	2KΩ	140	1835LS3-X-CX
250DC	5.1KΩ	280	
70AC	750Ω	76	
120AC	1.9KΩ	130	
125AC	2.7KΩ	140	
240AC	4.8KΩ	260	
100-140DC	5.1KΩ	140	1835LS9-X-CX
125DC	Dim/Bright	140	1835LS4-X-CX
48DC	Dim/Bright	52	1835LS6-X-CX



1835LS/1819LS2  
Series for GE ET-16

LED COLOR CODE	EMITTED COLOR	Used to illuminate the following lenses						
		Red	Amber	Yellow	Green	Blue	White	Clear
-R-CR	Red	*					*	*
-A-CA	Amber		*	*			*	*
-G-CG	Green				*		*	*
-B-CB	Blue					*	*	*
-W-CW	White						*	*

All dimensions are in inches (mm) Tolerances: .xx\*(.x) ±.025\*(.63) / .xxx\*(.xx) ±.010\*(.25) Specifications are subject to change without notice.

# Mouser Electronics

Authorized Distributor

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VCC:

[1835LS3-W-CW](#) [1835LS3-A-CA](#) [1835LS3-B-CB](#) [1835LS3-G-CG](#) [1835LS3-R-CR](#) [1835LS2-R-CR](#) [1835LS3-L-CW](#)  
[1835LS3-O-CA](#) [1835LS2-A-CA-R-](#) [1835LS2-G-CG-R-](#) [1835LS2-R-CR-R-](#) [1835LS2-W-CW-R-](#) [1835LS2-B-CB](#)  
[1835LS2-G-CG](#) [1835LS2-L-CW](#) [1835LS2-O-CA](#) [1835LS3-B-CW](#) [1835LS3-G-CG-R-](#) [1835LS3-R-CR-R-](#) [1835LS3-B-](#)  
[CB-R-](#) [1835LS2-A-CA](#) [1835LS3-W-CW-R-](#) [1835LS2-W-CW](#) [1835LS3-A-CA-R-](#)