



LED
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- » **Do the Z Series LED striplights share any design elements with the original Z fluorescent striplight?**
The ZL1 and ZL2 LED striplights have the same popular features as the Z fluorescent striplight. These features include a tool-less snap-on channel cover, rigid gripper back and robust row-alignment clips.
- » **How are the ZL1 and ZL2 LED striplights similar to each other?**
ZL1 and ZL2 fixtures use the same basic electronics. Each contains a high-efficiency, Class 2 multi-volt driver that is connected to multiple integrated LED boards with a custom pluggable harness.
- » **What should I know about the LED boards?**
Incredible color consistency is achieved by measuring each emitter in many ways during fabrication, including color temperature (CCT). This is called binning. The Z Series LED striplights exceed ANSI standards by mixing emitters by their individual characteristics, not by simple binning. The result is superior uniformity. Also, the color rendering index (CRI) is 83 minimum.
- » **What standard features are built into the driver?**
0-10V dimming down to 10% is standard, but a bi-level option is available.
- » **What are the differences between the ZL1 and ZL2 fixtures?**
Size and optional features differentiate the ZL1 from the ZL2 striplight. ZL1 is based off of the Z fluorescent striplight. It has a narrow housing and the LED boards are unshielded for maximum efficiency. ZL2 has a wider housing, offers two lens options to diffuse the LEDs and is capable of integrated emergency operation.

- » **What mounting options are available?**
Z Series LED striplights are compatible with our standard Z-spring, chain and hook, and aircraft cable and hook kits. You can also surface mount the units in any orientation.
- » **Can I attach sensors to Z Series LED striplights?**
Certainly. Photocontrols and occupancy sensors are fully compatible with ZL1 and ZL2 products.
- » **What is the ambient operating range and environmental class?**
ZL1 and ZL2 fixtures are CSA Certified for dry and damp locations between -4°F (-20°C) and 86°F (30°C).
- » **What is the expected service life?**
When used in environments between -4°F (-20°C) and 86°F (30°C) ambient, the LED LM-80 test data predicts an L70 of more than 100,000 hours and an L86 of 60,000 hours.
- » **What is the standard warranty?**
There is a 5-year limited warranty. Full warranty terms are located at www.acuitybrands.com.
- » **What is the lumen output and power consumption?**
See table below.

Lumen Output/Wattage Comparison				
Length	Z Series LED			Comparable Fluorescent
	ZL1 Lumens	ZL2 Lumens	Wattage	
46" or 48"	6000	4600	75	2-lamp 32W T8 or 28W T5
	2800	2300	32	1-lamp 32W T8 or 28W T5
24"	3000	2600	39	2-lamp 17W T8 or 15W T5
	1700	1400	21	1-lamp 17W T8 or 15W T5

