



ActiveLED®



Performance & Quality  
LED LUMINAIRES AND CONTROLS



**ActiveLED®**, Inc. is an innovator of solid-state technology and manufacturer of commercial and industrial LED lighting fixtures. ActiveLED® is at the forefront of LED lighting technology and has revolutionized the standards of LED lighting to deliver better, cooler, longer-lasting lights that use a fraction of the Watts compared to other fixtures.

Founded in 2007, ActiveLED® is headquartered in Georgetown, Texas, with manufacturing in the United States and the United Kingdom, and sales offices in the United States, the United Kingdom, Japan, and Singapore.

## DESIGNED TO PERFORM. DESIGNED TO LAST.

ActiveLED® is dedicated to the creation of high performance, long lasting LED luminaires, offering the strongest LED Fixture Warranty in the business. This “no fine print”, Ten (10) Year Warranty states that ActiveLED® Lighting Fixtures will produce at least 90% of their initial light output (L90) with no color shift after 90,000 hours of operation; the equivalency of fixtures running 24/7 for 10.27 years. ActiveLED® Drivers are also warranted for ten (10) years when used with an ActiveLED® Surge Protector. Based on the model of permanence, this warranty is made possible by using only the highest quality materials and implementing patented, ground-breaking technology and innovation.

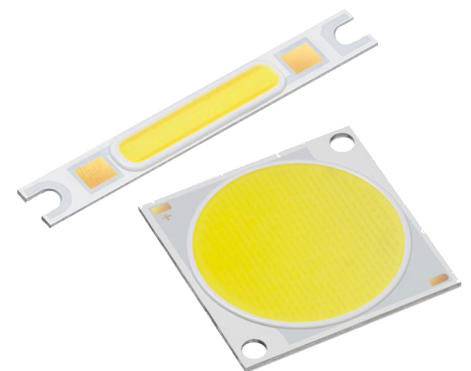
LED Fixture Manufacturer	ActiveLED®	Manufacturer A	Manufacturer B	Manufacturer C	Manufacturer D
Warranty	10 Year ALL Fixtures	5 Year 10 Year Select Models	3 Year 5 Year Select Models	5 Year	5 Year
Lumen Lifetime	90,000 hrs.	100,000 hrs.	43,000 hrs.	60,000 hrs.	100,000 hrs.
Light Loss <sup>1</sup>	<90% (L90)	<70% (L70) <10% LED Failure <sup>2</sup>	<90% (L90) <10% LED Failure <sup>2</sup>	<90% (L90) <15% LED Failure <sup>2</sup>	<90% (L90) <15% LED Failure <sup>2</sup>
Operating Temperature	-50°C...65°C -58°F...149°F	0°C...50°C 32°F...122°F	-40°C...40°C -40°F...104°F	-40°C...40°C -40°F...104°F	-40°C...55°C -40°F...131°F
Transferable Warranty	YES	NO	NO	NO	NO

<sup>1</sup> Percentage of possible light loss during warranty period.

<sup>2</sup> Individual LED failure must be greater than for warranty to apply.

## NOT ALL LEDs ARE CREATED EQUAL

Many companies use clusters of hundreds of Miniature LED modules to create their lighting fixtures. This style of LED is much more susceptible to heat and power surges that create a “spotty” appearance in the fixture as they burn out. ActiveLED® uses only High Power LEDs that have been manufactured to ActiveLED’s exacting specifications. These LEDs use Surface Mount Technology (SMT) and are mounted on a heat sink to conduct damaging heat away from the LED itself. They are also capable of much greater light output including up to 500W or 72,000 lumens produced by a single LED module.



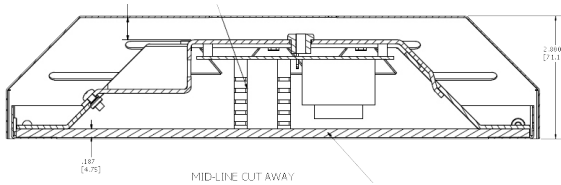
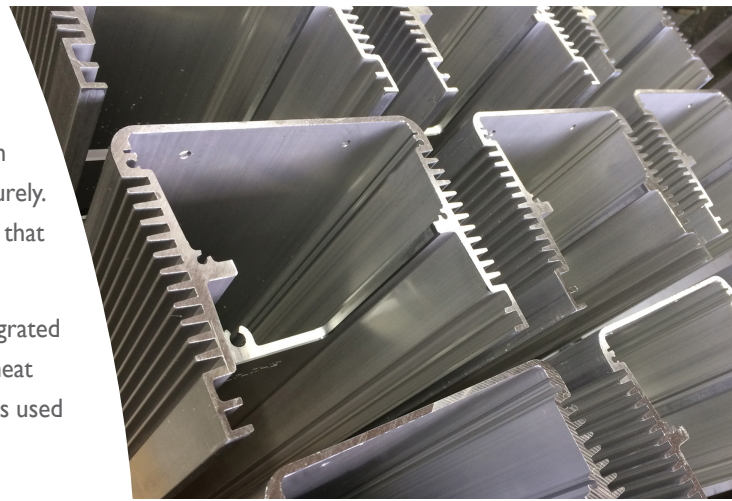
## MORE LIGHT. LESS WATTAGE.

ActiveLED® patented Reflector Technology uses energy and light output more efficiently with minimal refraction, resulting in a fixture that is 30 to 50 percent more effective than traditional LED fixtures. ActiveLED® also has patents pending on Diffuser Technology and LED Phosphor Application. All of this adds up to less wattage being required to give equal or greater light output than other LED fixtures, saving site owners energy and money.

## HEAT, THE NATURAL ENEMY OF LEDs

LEDs are electrical components, and like all electronics, their performance is significantly tied to thermal management. LEDs that are overdriven or have an insufficient heatsink capable of siphoning off the generated heat will fail prematurely. ActiveLED® patented, ThermalDRAW™ Heat Management Technology ensures that LED components will meet or exceed their stated warranty.

ActiveLED® Lighting Luminaires are also built from the “ground up” as one integrated heatsink with a solid extruded aluminum fixture housing. Aluminum conducts heat away from LEDs 4 to 5 five times more efficiently than “cast” metal components used in most competitors’ fixtures.



## CUSTOM LED FIXTURE DESIGN

ActiveLED® offers Custom LED Fixture Design Services. If a client has the need for a particular style or type of LED fixture that doesn't exist, ActiveLED® engineers will work with them to design and manufacture the custom LED fixture they desire, all to the exacting ActiveLED® standards of quality and performance.

## LightSPACE® LIGHTING CONTROLS

ActiveLED® manufactures very sophisticated lighting controls that are easy to use and just as robust as our luminaires. LightSPACE® Lighting Controls give building owners the flexibility of controlling their lighting from a single fixture or room to an entire building. Control components include programmable motion sensors, photocells, and daylight harvesting. Users can control their lighting from an individual wall station, or they can have access to their entire lighting system using a computer or any smart device such as a tablet or phone.



LightSPACE® also features ActiveREST™ Dimming Technology that allows the fixture to dim to a lower level when the space is unoccupied. ActiveREST™ utilizes Digital Dimming in place of Line Voltage Dimming or 0-10 Dimming. This allows for the wattage consumption of the fixture to be reduced along with the light output. ActiveREST™ adds significantly to the energy savings a property owner will experience.

Setting	100	90	80	70	60	50	40	30	20	10	0
Watt %	100	80	60	42	28	16	9	5	2.5	1.5	OFF

### ActiveREST™ Example

An ActiveLED® 144 Watt Round High Bay Fixture dimmed down to the brightness level of 40 will only be consuming 12.96 Watts (9% of 144 Watt).

## SOLAR POWER GENERATION AND DC STORAGE

ActiveLED® promotes local power generation by offering built-in solar-ready options for many of their lighting luminaires. ActiveLED® uses Solid State Lithium Iron Phosphate (LiFePO4) Batteries. These batteries are lighter, smaller and more efficient than traditional Lead Acid batteries. LiFePO4 batteries are capable of operating for over 5,000 cycles (13 years use) and still be at 85% capacity.



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## PRODUCT CATEGORIES

### OUTDOOR LED LIGHTING

Accent / Landscape  
Canopy  
Flood / Signage  
Hazard  
Parking / Roadway  
Sports / Stadium  
Trail / Walkway  
Transit  
Wall Mount  
Poles and Mounting

### INDOOR LED LIGHTING

Accent  
High / Low Bay  
Recessed Mount  
Specialty  
Surface Mount

### LED RETROFIT KITS

### CUSTOM FIXTURE DESIGN

### LightSPACE® LIGHTING CONTROLS

### SOLAR POWER & DC STORAGE

**ActiveLED®**  
Energy Efficient Lighting and Controls



German Engineered. American Made.™

Product manufactured in Georgetown, Texas.

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