

# PIXEL LADDER LIGHT

FT-PXL-61

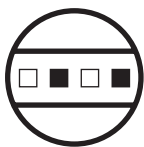
## KEY FEATURES:

- Indicate Key Aerial Statuses
- Support up to 5 Ladder Sections
- Choose any Color/Mode

## ABOUT THE PIXEL LADDER LIGHT

Adding the Pixel Ladder Light to your fire apparatus aerial device brings a whole new level of sophistication to your apparatus. Each LED in the system is individually controlled by our System Manager, and gives you the ability to choose from a variety of functions on-the-fly. These functions can be solid colors to illuminate the ladder rungs, or can be tied to a variety of functions to indicate certain aerial device statuses. This can include things like flashing when the aerial is in motion, changing colors to indicate when certain load limits are reached, visually indicating things like emergency-evacuation or water flowing.

In addition to functionality associated with firefighting, we know aerial devices are often used in parades or community support functions. Supporting the local high school on game night? Fly the school colors. Breast cancer awareness month? At the tap of a button, turn the aerial Pink. You can even choose things like "Rocket" or "Twinkle" or "American Flag" all without ever losing the primary function of being the best darn aerial rung light ever produced for a fire.



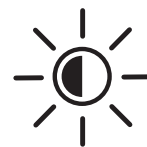
### CHOOSE YOUR FLASH PATTERN

Program any input wire to act as a flashing indicator. This can be wig/wag, scrolling, or blinking and can be used to indicate a variety of aerial conditions.



### CHOOSE ANY COLOR

The system manager allows for user-programmable selection of any "solid" color or combination of colors (white, red, blue, green, orange, pink, rainbow, red/white/blue, etc.).



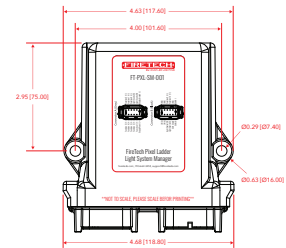
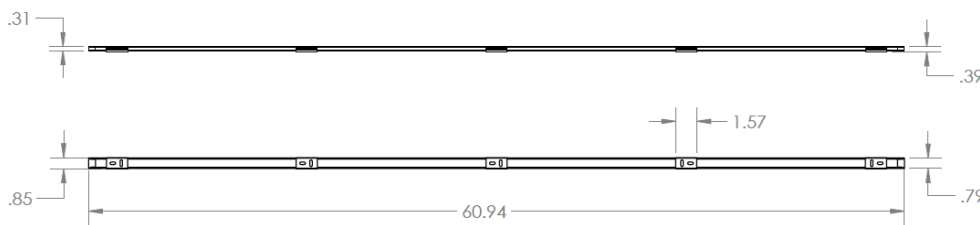
### CHOOSE THE INTENSITY

The entire system is dimmable and can be configured to come on at a variety of intensities.

## AVAILABLE FUNCTIONS

- **Full** - Entire light strip on. Color can be any RGB value or white.
- **Wigwag** - Even/odd groups of the light strip flash on and off at a selected rate.
- **Wipe** - LEDs incrementally turn on going up/down the light strip at a selected rate, creating the effect of lights “wiping” up/down the ladder.
- **Flash** - Entire light strip flashes on and off at a selected rate.
- **Rainbow** - Entire light strip turns on and flows rainbow colors up/down the ladder.
- **Twinkle** - Random LEDs along the light strip twinkle on and off at a selected rate, ramping up in brightness to the “full” state and then back down during the twinkle duration.

## DIMENSIONS



### PART#: FT-PXL-61

VOLTAGE RANGE	9-32V DC
AMP DRAW (@12V)	.78A
OPERATING TEMP.	-40C TO 60C
INGRESS PROTECTION RATING	IP67 AND IP6K9K
DIMENSIONS	60.94" x 0.85" x 0.39"

### PART#: FT-PXL-SM-001

VOLTAGE RANGE	9-32V DC
OPERATING TEMP.	-40C TO 60C
INGRESS PROTECTION RATING	IP67 AND IP6K9K
RS4-85 BAUD	19,200
DIMENSIONS	4.680" x 5.240" x 1.420"
HARNESS CONNECTORS	DEUTSCH DTM06-12SA + DTM06-12SB

## PIXEL CONTROLLER | FT-PXL-SM-001

The Pixel Controller (sold separately), otherwise known as the “System Manager” has 10 user-programmable input wires. These wires can be assigned to any of the above functions or colors. Apparatus manufacturers can then assign switches or outputs from their electrical system to energize any of the 10 pre-selected functions.



Installation of this product requires engineering support from both the apparatus manufacturer and the FireTech team. Training will be provided to any interested Apparatus OEM at no cost. This product may or may not be compatible with certain applications or aerial devices. Custom programming, functionality, and integration support is available to Apparatus OEMs.

**CONTACT THE FIRETECH TEAM TODAY ABOUT ORDERING INFORMATION: (703) 662-3458**

