



Description

The LIGHTKIT-E4 and LIGHTKIT-E8 are an add-on LED enclosure lighting for LifeSafety Power E4, E6, E8, or E12 enclosures providing valuable lighting for technicians when installing or servicing a LifeSafety Power system. Powerful magnetic mounting and lever-connect wiring allow fast, tool-free installation into any LifeSafety Power traditional, Unified Power, or ProWire system.

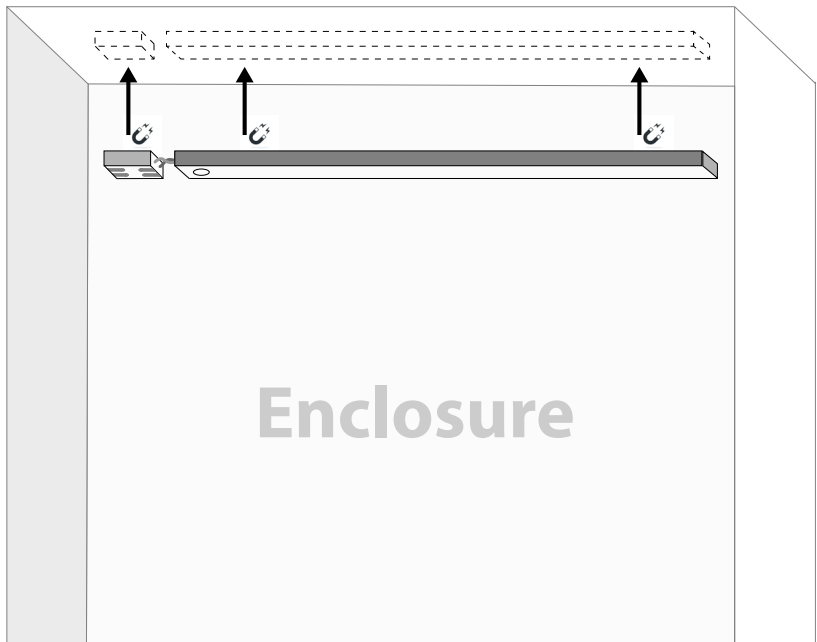
Automatic voltage selection allows seamless usage at either 12 or 24VDC*, while a PIR motion sensor automatically turns the lighting on and off as the enclosure door is opened or closed. Power for these LED light strips may be sourced from any available 12 or 24VDC output.

ELECTRICAL RATINGS

	LIGHTKIT-E4	LIGHTKIT-E8
Input Voltage	12 or 24 VDC	
Input Current 12V	730mA	1250mA
Input Current 24V	480mA	680mA*
PIR Timer	15 Minutes	
Lumens	400 lumens per foot (± 10%)	
Color Temperature	5000K	
Size	18" x 0.6" x 0.7"	28" x 0.6" x 0.7"
Weight	0.50 lb.	0.75 lb.

*12VDC recommended for LIGHTKIT-E8 for proper PIR operation.

Mounting the LED Light Kit



The LED Light Kit mounts magnetically.

1. Locate the area within the enclosure where the LED strip will be mounted.
Note: The LED light strip may be mounted to the top, side, or bottom of the enclosure. The LED light strips will not mount to most LSP backplates, as they are constructed of aluminum.
2. Attach the LED light strip's magnet to the enclosure surface. Ensure the PIR sensor on the light strip is not fully obstructed.
3. Attach the lever connector's magnet to the enclosure surface. Ensure the connector is located so that the wiring will not be strained or pinched.

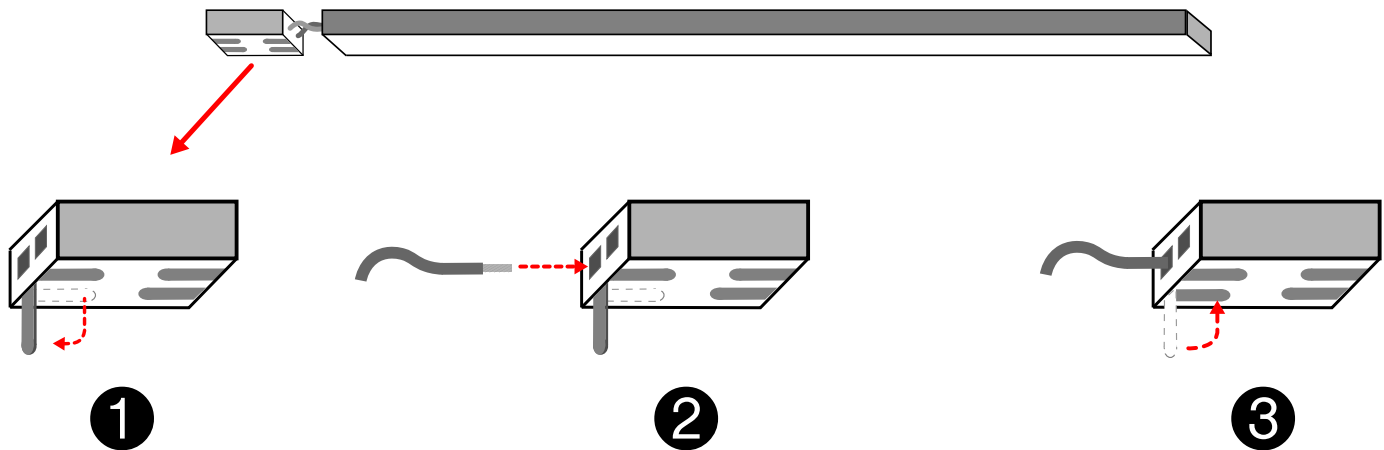
See next page for wiring details.

Wiring Details

The LED light strips may be powered from any 12 or 24VDC source. Typically, the LED light strips would be powered from the main output of a power supply, a B100's screw terminals, or an extra output of a distribution board such as a D8, C8, or M8.

Connection is made via the supplied lever-style wire connector using minimum 20AWG stranded wire. Ensure adequate wire length and that the wiring will not be strained or pinched when the enclosure door is closed.

Tip: Provide extra wire length to allow the magnetic light strip to be repositioned within the enclosure as needed for task lighting.



Wiring Steps

- ❶ Open the lever for the wire to be inserted. Remove the magnetic connector from the enclosure if necessary.
- ❷ Strip approximately 1/2" off of the end of the wire. Insert the wire into the opening for the lever is which was opened in step 1.
- ❸ Close the lever for the wire that was inserted.

Repeat steps 1 through 3 for the other wire. Remount the magnetic connector to the enclosure, if removed. Ensure wiring is not strained and will not be pinched by the enclosure door when closed.

Warning: Observe polarity of the wiring or damage to the LED light strip will occur!

Red: DC +

White: DC -

*12VDC recommended for LIGHTKIT-E8 for proper PIR operation.

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IMPORTANT

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