

General Installation

All LED lights are connected using Cat5 type connections. Simply connect any additional LED light assemblies to any available open port on the 8-port splitter supplied with the AK LED light kit. A 16ft(5m) Cat5 cord and coupler is included with the LED light assembly or if needed, any Cat5 cord up to 40 ft(12m) can be used.

Additional LED Light Assembly Installation

Determine placement of the LED light assembly[s].

- Mark and drill a 2-5/8-inch hole at the light location[s].
 - Run a bead of 100% silicone around the outside surface of the hole using enough silicone for a good seal. (Figure 1).
 - Grasp the stainless-steel fixture from the back side and use your other hand to unscrew the lens cover.
 - Remove and discard the gasket from the light fixture base. (Figure 2).
 - Holding the base unit with one hand, compress the two spring-loaded retainers with your other hand so they are parallel to the base of the fixture.
- Note: Have a firm grip on the compressed retainer clips as they can "snap" back on your fingers!**
- Guide the fixture up and into the hole and firmly press base unit in place.
 - If the retainer springs are not enough to hold the fixture in place, painter's tape can be used to help hold the fixture while the silicone sets.
 - Ensure silicone does not ooze out past the light assembly base unit flange when installed. Clean any excess silicone before it cures.



Figure 1



Figure 2



Figure 3

After the silicone has cured per manufacturer's set time, the LED bulb and trim ring can be installed.

- Connect a RJ45 coupler to the Cat5 wire ran to the light location. (Figure 3).
 - Connect the other end of the coupler to the Cat5 connector on a LED bulb pigtail.
 - Push the assembly up into the base unit flange and when fully inserted, rest the bulb on inside of the trim ring and screw trim ring in place securely.
- Note: Ensure O-ring is installed on trim ring threads. (Figure 4).**
- Repeat process for remaining LED assemblies.
 - Additional LED assemblies can be connected to any available open port on the 8-port splitter.

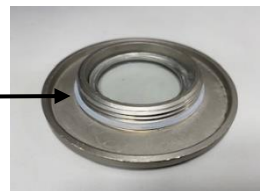


Figure 4

Replacing a LED Bulb

To change a LED bulb after installation, first unplug the LED light system power supply from AC power.

- Turn trim ring counterclockwise and remove.
- Disconnect LED bulb from RJ45 coupler and connect replacement bulb.
- Rest LED bulb on trim ring and resecure trim ring to base assembly. Reconnect the power supply to AC power.



Figure 5

Parts List

Item	Part#	Description	Provided	Visual Reference
1	5304-005	5M Cat5 Cable	1	
2	8038-72	Light Fixture	1	
3	3160-39	RGBW LED	1	
4	2310-09	RJ45 In-Line Coupler	1	

For further assistance, contact us at:

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