

INSTRUCTION MANUAL

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS:

1. To reduce the risk of electrical shock, disconnect both normal and emergency power sources before servicing.
2. This is a sealed unit. Replace the entire unit when necessary.
3. Installation and servicing should be performed by qualified personnel only.
4. This unit must be grounded. See the wiring diagrams for details.
5. This unit must be connected to the unswitched normal source of power (120 – 277 Vac, 50/60 Hz) to monitor for a power failure.
6. The ACE-G.5-ELDCCR must be fed from the same branch circuit as the AC LED driver during normal mode.
7. The ACE-G.5-ELDCCR should be mounted in locations and heights where it will not readily be subjected to tampering by unauthorized personnel.
8. The ACE-G.5-ELDCCR is intended for mounted in a grounded enclosure or wireway within a luminaire. It is suitable for factory or field installation.
9. This product is suitable for use in damp locations where the ambient temperature is in the range of -20 °C minimum to 60 °C maximum. This product is also suitable for use in sealed and gasketed fixtures.
10. This product is not suitable for heated air outlets, wet, or hazardous locations.
11. The ACE-G.5-ELDCCR is for use with 0-10 volt dimming or DALI dimming applications. The maximum current of the dimming circuit must not exceed 1.0 A.
12. Use of accessory equipment not recommended by the manufacturer may cause an unsafe condition, void the warranty, or result in non-compliance with regulations.
13. Do not mount near gas or electric heaters. Do not use this product for other than its intended use.
14. Install in accordance with the National Electrical Code and local regulations.

SAVE THESE INSTRUCTIONS

CAUTION:
BEFORE INSTALLING, MAKE CERTAIN THE AC POWER IS OFF.

1. MOUNTING THE ACE-G.5-ELDCR

Mount the ACE-G.5-ELDCR in the ballast/driver channel at least ½" away from the AC driver(s).

2. WIRING

Refer to the applicable wiring diagram, either 0-10 volt dimming or DALI dimming, for the wiring of the ACE-G.5-ELDCR. Install in accordance with the National Electrical Code and local regulations. The AC input must be connected to the unswitched normal source of power (120 – 277 Vac, 50/60 Hz) to monitor for a power failure.

OPERATION

Normal Mode: During normal-mode conditions the ACE-G.5-ELDCR's dimming control relay allows the dimming circuit to operate as normal.

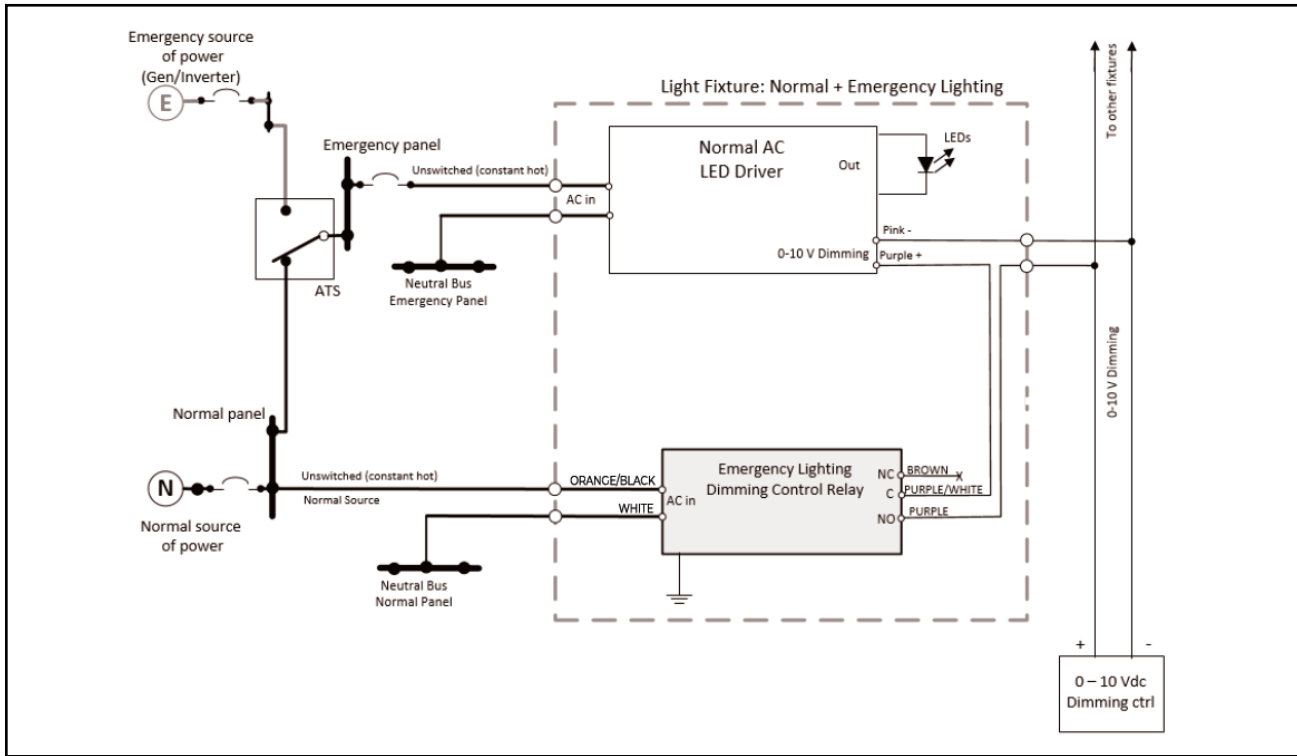
Emergency Mode-When there is a failure of the normal source of power, the ACE-G.5-ELDCR's dimming control relay defeats the dimming circuit and forces the LED driver into full light output.

TESTING & MAINTENANCE

The ACE-G.5-ELDCR is a maintenance free unit, however, periodic inspection and testing is required per NFPA 101, Life Safety Code.

SERVICING SHOULD BE PERFORMED BY QUALIFIED PERSONNEL.

(WIRING DIAGRAM FOR USING THE ELD CR FOR A 0-10 VDC DIMMING SYSTEM)



(WIRING DIAGRAM FOR USING THE ELD CR FOR A DALI DIMMING SYSTEM)

