

EMERGENCY FIXTURE WIRING & CONTROL FOR LINE DIMMING FIXTURES USING SCLINE-1000 & SCELV-1000

Audacy Line Dimming (SCLINE-1000) and ELV (SCELV-1000) Luminaire Controllers can be used in conjunction with a Bodine automatic load control relay (BLCD-20X2) to control AC line dimming fixtures that are on an emergency generator backup lighting system. A typical installation will have the Bodine unit connected to both the 'normal' AC power as well as the 'emergency backup' power as shown below. Prior to a power loss the Bodine unit allows the Audacy Luminaire Controller to control the light fixture completely. When the Bodine unit detects a power loss it switches the fixture to run directly off of emergency power where the fixture will be set to 100% brightness level. Once 'normal' power is restored, the Bodine unit switches back and allows the fixture to once again be controlled by the Audacy Luminaire Controller and the light level will return to its previous state.

