

# LOW VOLTAGE CONTROLLER for Multi-Function Luminaires LVC SERIES

## PROJECT INFORMATION

Job Name \_\_\_\_\_

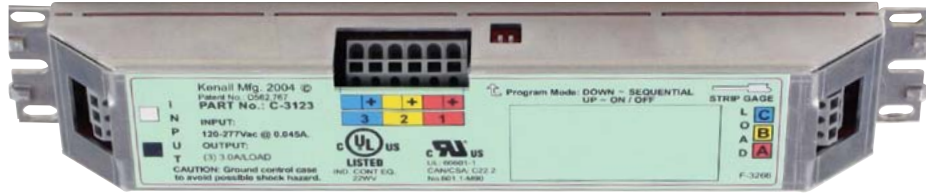
Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

### PRODUCT FEATURES:

- » Individual or sequential control modes
- » Withstands the most rigorous cleaning protocols



A Low Voltage Controller is a device that allows low voltage control of line voltage luminaires. Kenall's low voltage controller is a programmed interface module designed to operate up to three separate loads by the closure of low voltage momentary contact switches. These switches can be located on a patient hand held pillow device, bed side rails, or a wall.

### SPECIFICATIONS

#### ELECTRICAL:

##### INPUT VOLTAGE:

Range: 120 through 277 VAC  $\pm 10\%$   
50/60 Hertz

Loads: 3 Load Max

Range: 120 through 277 VAC  $\pm 10\%$  (3 amps max per load)  
50/60 Hertz

Low Voltage Circuits Operating Voltage  
5 VDC

Operating Temperature Range  
32-176° F / 0-80° C

#### CONTROL MODES:

##### INDIVIDUAL VS. SEQUENTIAL

Kenall's LVC has the ability to operate in 2 different modes; INDIVIDUAL or SEQUENTIAL. The 2 control modes are set using dip switches located next to the low voltage terminals. Both dip switches in the UP position (toward the label) will put the LVC in INDIVIDUAL MODE. Both dip switches in the DOWN position will be SEQUENTIAL MODE.

**INSTALLATION:** The LVC accepts a single universal voltage input of 120v through 277V. When the LVC is pre-installed into a Kenall light fixture, the ballasts will be pre-wired to the LVC outputs. The contractor will be responsible for connecting the incoming AC power to the LVC and connecting the low voltage wiring (Class 2) to the LVC in an isolated conduit. A low voltage wiring diagram will be supplied with the fixture and will match the intended control that was given on the questionnaire.

**PATENT:** U.S. Patent No. D562,767

**LISTINGS:** UL/CUL Recognized Component Medical/Dental 60601-1. UL Listed Industrial Control Device 22WV.



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