

# BOLLARD RETROFIT LAMP

## INSTALLATION AND USERS GUIDE

### LED-8024X345X-G7-FW

35W/45W/60W

#### PRIOR TO INSTALLATION, PLEASE READ THE ENTIRE INSTALLATION INSTRUCTIONS

**CAUTION** – THESE RETROFIT LAMPS ARE DESIGNED TO OPERATE ON LINE VOLTAGE, BALLAST MUST BE BYPASSED.

SUITABLE FOR USE IN DRY OR DAMP LOCATIONS.

SUITABLE FOR USE IN ENCLOSED LUMINAIRES.

NOT FOR EMERGENCY LIGHTING.

NOT FOR USE IN ENVIRONMENTS WHERE EXPLOSIVE OR CORROSIVE GASES ARE PRESENT.

DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

**WARNING** – RISK OF FIRE OR ELECTRIC SHOCK. LED RETROFIT KIT INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRES ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.

**WARNING** – RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN LUMINAIRES THAT HAVE THE CONSTRUCTION FEATURE AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWING AND WHERE THE INPUT RATING OF THE RETROFIT KIT DOES NOT EXCEED THE INPUT RATING OF THE LUMINAIRE.

**WARNING** – TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.

FOR INSTALLATIONS IN CANADA – THIS RETROFIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.

LAMPS COME WITH A 5 YEAR WARRANTY AGAINST MANUFACTURING DEFECTS.

THIS WARRANTY DOES NOT COVER PHYSICAL DAMAGE OR IMPROPER OPERATION.



### INSTALLATION REQUIREMENTS

MODEL	INPUT VOLTAGE	LAMP HOLDER	MIN. LAMP COMPARTMENT DIMENSIONS	LUMINAIRE	ORIENTATION	
LED-8024E345-G7-FW	120-277 VAC 50/60 Hz	E26	4.4" x 8.2"	Enclosed	Base Up, Down or Horizontal	
LED-8024E345C-G7-FW	220-347 VAC 50/60 Hz					
LED-8024M345-G7-FW	120-277 VAC 50/60 Hz	E39 or EX39	4.4" x 8.8"			
LED-8024M345C-G7-FW	220-347 VAC 50/60 Hz					

### INSTALLATION INSTRUCTIONS

- 1) Turn off power to the luminaire at switch and circuit breaker. Allow luminaire to cool before proceeding.
- 2) Ensure that the luminaire and electrical inputs meet the requirements in the table. The lamp should be installed in an enclosed fixture. Please ensure that the lamp is protected from direct water spray and bugs.
- 3) If a ballast is present it must be bypassed. If desired, it may be removed. Please refer to the wiring diagram. Disconnect or cut the wires to and from the ballast. Connect the line and neutral wires to the socket leads as shown in the wiring diagram. Product may be installed using two hot leads if a neutral is not available. Check that voltage meets the requirements.
- 4) Inspect the lamp holder for arcing or corrosion and replace if damaged.
- 5) Select lamp light color and wattage by using the switches on the side of the lamp.
- 6) Screw the lamp into the lamp holder. Do not over-torque as this could cause damage.
- 7) Apply included label to the inside of the luminaire where it will be visible during re-lamping.
- 8) Turn on electrical power to the luminaire and verify proper operation.

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### WIRING

