

EXLUX 6008 Series

EXPLOSION PROTECTED FLUORESCENT EMERGENCY LUMINAIRES WITH AUTO-TESTING EMERGENCY BALLAST.



Emergency Fluorescent Luminaires - With Battery Back-up Units and Lens Interlock Switch for Div. 2, Zone 1 & Zone 2 Applications

Luminaires for use with Standard T8 Med. Bipin Lamps

Ordering Information

Catalog Number	Description
17 Watts, 2'	
6008/532-9021-2147	Auto Testing, 2-lamp luminaire 120V 60Hz, dead-end wiring, 1 x 3/4" NPT both ends
32 Watts, 4'	
6008/552-9021-2147	Auto Testing, 2-lamp luminaire 120V 60Hz, dead-end wiring, 1 x 3/4" NPT both ends
6008/552-9621-2167	Auto Testing, 2-lamp luminaire 120V 60Hz, 6 wire feed-thru, 1 x 3/4" NPT both ends

For one 1/2" NPT entry thread at both ends, change this **2** into a **1**.

For two 1/2" NPT entry threads at both ends, change this **2** into a **5**.

For parts and accessories see pages B6-B8.

Status Indicator Display

LED Display	Display Description
Green LED continuously ON	Everything functional
Green LED blinking	Luminaire either function test or lighting time duration test in process
Red LED continuously ON	Battery problem, either not connected or totally discharged
Red LED blinking	Battery capacity not enough; battery needs replacement
Red LED flashing	Lamp problem, lamp is defect reached End of Life and needs replacement
LED green / red blinking	Emergency light function interrupted

LIGHTING



CLASSIFICATIONS

NEC & CEC

Class I, Zone 1 & 2, AEx dem IIC T4
Class I, Division 2, Groups A,B,C,D,T4
Class II, Divisions 1 & 2, Groups E,F,G
Class III

Types 3, 4, 4X & IP66

File No. J.I.3D2A9.AE



Supply Voltage 120V, 50-60Hz

Ambient Temperature Range:

AC & Battery Operation

+50°C (+122°F) Max.

-20°C (-4°F) Min.

Charging & Test Operation

+50°C (+122°F) Max.

-5°C (+23°F) MIN.

FEATURES

The EXLUX 6008 Series carries out pre-programmed testing schedules, monitors emergency ballast performance and battery charging. In case of power failure the Auto-testing Emergency Ballast automatically switches to emergency mode, keeping one lamp illuminated at reduced lumen output for a minimum of 90 minutes. When AC power is restored, the luminaire returns to AC supply. The EXLUX 6008 Series of Emergency Luminaires are designed for hostile and hazardous locations where reliability and rugged performance are critical. The housing is constructed of fiberglass reinforced polyester (FRP) with a single piece, low glare polycarbonate lens. They are supplied with flameproof electronic ballasts as standard, which are designed to edition 4 of IEC 60079-7 Annex H for control of the "End of Life" of the lamps. The luminaires also come with a cover interlock switch which automatically de-energizes the luminaires when opening for relamping.

INSTALLATION

The luminaire includes threaded NPT openings with grounded back plates and NPT close-up plugs. For MC-HL cable installation use TMC cable glands. For conduit installation use conduit hubs 8166/1 I-0 • -N (see page B7). The luminaire must be wired with a permanent charging phase which needs to be the same potential as the switched phase. The terminal capacity is 2 stranded wires 10 AWG per terminal.

PERIODIC AUTO TESTING

The luminaire automatically performs a weekly functional test and a discharge test which is performed every six months.

STATUS INDICATOR DISPLAY

One red LED and one green LED are incorporated into the luminaire and can be seen from the outside through the lens. The functions and test results are listed on the table to the left.

