

DESCRIPTION

The Exitronix LEMD-G3 Series emergency LED driver is specifically designed to enable emergency lighting of LED fixtures with the loss of power. The unit's available configurations makes the series suitable for most pre-installation and on-site applications requiring emergency illumination.

The **GUARDIAN G3** remote monitoring and reporting system from Exitronix simplifies code compliance and significantly reduces operating and maintenance costs by offering automated testing, remote monitoring and reporting of emergency fixture status from a centralized location. For standard fixtures without remote monitoring and reporting, [click here](#).

SPECIFICATIONS

Construction:

- Galvanized steel enclosure with 18" conduits on both ends
- Optional low profile compact design – only 1.2" thick allows for installation in many applications (LM Enclosure)
- Remote Charge/Power "ON" LED illuminated push to test switch button for mandated code compliance test provides manual verification of the transfer circuit and LED fixtures

Optics/ LEDs:

- Works with or without an AC driver to convert new or existing LED fixtures into emergency lighting
- Provides constant current output to the load during emergency mode operation.
- Designed to operate NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD fixtures
- 7W to 21W systems with 12-48VDC output voltage
- 145mA - 875mA Programmable output current

Electrical:

- Universal 120-277VAC, 50/60Hz input
- Long-life, maintenance-free NiMH battery
- Provides a minimum of 90 minutes of emergency operating time within operating temperatures. 24-hour maximum battery recharge time as per UL 924
- Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- Input overcurrent protection: Fusible link

Installation:

- Suitable for top or remote installation of an LED fixture
- Can be remote mounted up to 20' (the remote distance cannot exceed 1/2 the distance from the driver to the LED load specified by the AC driver manufacturer)

Testing & Compliance:

- cULus Listed for Damp Locations
- Meets UL 924 requirements
- CEC Title 20 compliant
- Suitable for field installation
- Class 2 compliant output classification
- Operating temperatures: 0°C to 50°C (32°F to 122°F)

Warranty:

Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information. (Terms and Conditions apply)

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



Low Profile Enclosure (LM)



High Profile Enclosure (HM)



GUARDIAN G3 Self-test/Self-diagnostics, Remote Monitoring and Reporting

The circuit continuously monitors the operating condition of the AC power, battery supply voltage and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the battery and/or battery charger. If a failure is detected, visual status will occur immediately via the dual color LED. Refer to instruction manual for detailed information.

The circuit also monitors the transfer circuit as well as performing automatic code compliance testing.

The GUARDIAN G3 remote monitoring and reporting system provides wireless communication between emergency fixtures, enabling maintenance personnel to maintain and test emergency lighting equipment from a central location. System requires additional equipment and setup, consult factory for more information.

GUARDIAN G3PRO Self-test/Self-diagnostics, Remote Monitoring and Reporting with Automated Email Notifications

The G3PRO model has the features of the standard G3 but adds automated email notifications of fixture status reports (requires internet connection, supplied by facility).

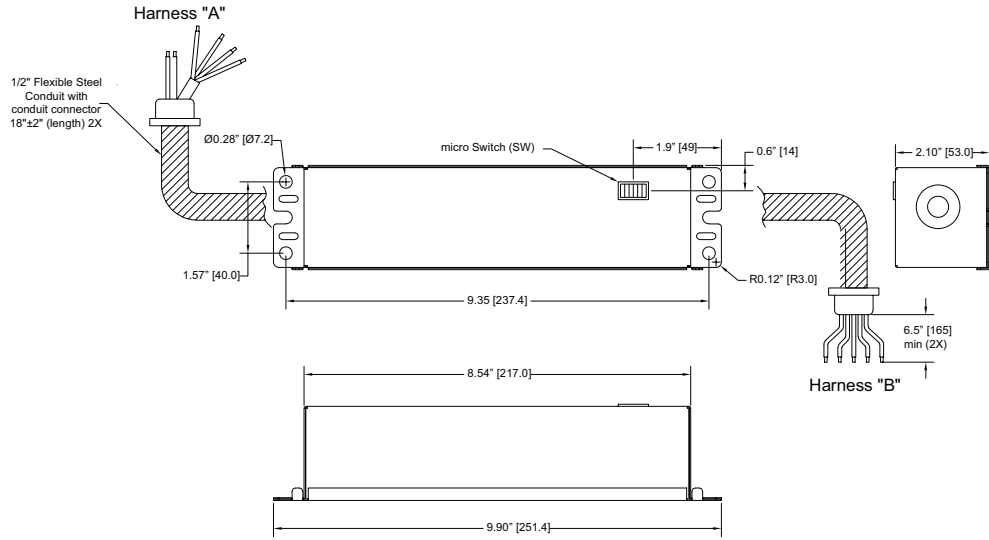
Ordering Information Example: LEMD-10-LM-CC-G3

| Series | Wattage | Enclosure | Power | Self-test/Self-diagnostics |
|---|----------------------------|-------------------------|-----------------------|--|
| LEMD | 7 = 7 Watts | HM = High Profile Metal | CC = Constant Current | G3 ² = Self-test/Self-diagnostics, Remote Monitoring and Reporting |
| | 10 = 10 Watts | LM = Low Profile Metal | | G3PRO ^{2,3} = Self-test/Self-diagnostics, Remote Monitoring and Reporting w/Automated Email Notifications |
| | 21 ¹ = 21 Watts | | | |
| | | | | Accessories⁴ (Field installed, order as separate line item) |
| | | | | GTWY-PRIMARY - Primary Remote Reporting Gateway |
| | | | | GTWY-SECONDARY - Secondary Remote Gateway, Extends Range |
| | | | | ROUTER - Wireless Internet Router |
| | | | | TAB10 - 10" Tablet, Includes Guardian G3 Software |
| | | | | TAB12 - 12" Tablet, Includes Guardian G3 Software |
| Notes | | | | |
| ¹ 21W Model only available with HM enclosure | | | | WALLBRKXX - Tablet Wall Bracket (XX = Specify 10" or 12" Tablet) |
| ² Requires additional equipment, consult factory for details | | | | WALLBRK-LOCKXX - Locking Wall Bracket (XX = Specify 10" or 12" Tablet) |
| ³ Requires internet connection, supplied by facility | | | | STANDBRKXX - Tablet Stand (XX = Specify 10" or 12" Tablet) |
| ⁴ Order as separate line item | | | | STANDBRK-LOCKXX - Locking Tablet Stand (XX = Specify 10" or 12" Tablet) |

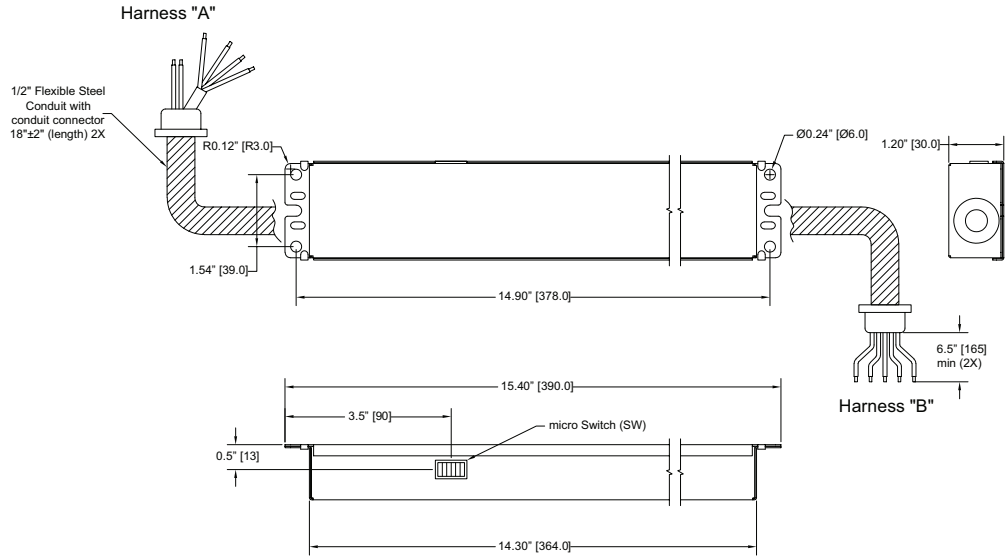
Electrical Information

| Model | Emergency Power | Input | | | | Output | | | | SW1 | SW2 | SW3 | SW4 (Default) |
|------------------|-----------------|---------|-------|-----|-----|---------|---------|-----|------------|-----|-----|-----|---------------|
| | | VAC | Hz | mA | W | Min VDC | Max VDC | mA | Max Output | | | | |
| LEMD-7-HM-CC-XX | 7.0W | 120-277 | 50/60 | 55 | 3.9 | 12.0 | 16.0 | 440 | 7.0W | On | Off | Off | Off |
| | | | | | | 16.0 | 24.0 | 290 | | Off | On | Off | Off |
| LEMD-7-LM-CC-XX | | | | | | 24.0 | 36.0 | 195 | | Off | Off | On | Off |
| | | | | | | 36.0 | 48.0 | 145 | | Off | Off | Off | On |
| LEMD-10-HM-CC-XX | 10.5W | 120-277 | 50/60 | 85 | 6.0 | 12.0 | 16.0 | 623 | 10.5W | On | Off | Off | Off |
| | | | | | | 16.0 | 24.0 | 425 | | Off | On | Off | Off |
| LEMD-10-LM-CC-XX | | | | | | 24.0 | 36.0 | 280 | | Off | Off | On | Off |
| | | | | | | 36.0 | 48.0 | 210 | | Off | Off | Off | On |
| LEMD-21-HM-CC-XX | 21.0W | 120-277 | 50/60 | 100 | 7.0 | 18.0 | 24.0 | 875 | 21.0W | On | Off | Off | Off |
| | | | | | | 24.0 | 36.0 | 580 | | Off | On | Off | Off |
| | | | | | | 36.0 | 42.0 | 500 | | Off | Off | On | Off |
| | | | | | | 42.0 | 48.0 | 435 | | Off | Off | Off | On |

LEMD-7-HM-CC & LEMD-10-HM-CC



LEMD-7-LM-CC & LEMD-10-LM-CC



LEMD-21-HM-CC

