

DESCRIPTION

The slim architectural SLW-G3 Series LED wallpack features integral motion detection (PIR sensor) or photocontrol only (NS model) in both “normally on” and UL 924 Listed emergency egress models. The fully gasketed die-cast enclosure is UL Listed for Wet Locations. The SLW-G3’s 18W LED light engine delivers 1750 lumens in AC mode and 650 lumens in emergency mode. Zero uplight optics reduce light pollution.

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:

- Architectural die-cast aluminum housing
- Snap-fit housing to mounting plate for easy access and installation
- Universal pattern knockouts on back for mounting to 3” and 4” J-box
- ½” Threaded conduit entry for top feed
- Available in Bronze, Black, Silver or White finish

Optics/ LEDs:

- 18 Watt high-power LED light engine delivers 1750 lumens (650 lumens in emergency mode)
- Standard 4000K CCT, CRI ≥ 70, L70 > 72,000 hours
- LED array is protected by a high-impact, UV-resistant polycarbonate lens

Electrical:

- 120-277VAC, 60Hz driver
- EM option uses long-life, maintenance-free, rechargeable high temperature NiCad battery which includes internal heater suitable for cold locations and draws an additional 17 Watts
- Integral controls include:
 - Standard unit: Passive infrared (PIR) motion sensor with up to 10’ detection, operational from dusk to dawn. Unit will shut off after two minutes of inactivity. The light will activate in AC mode only when motion is detected. Motion sensor (PIR) and dusk to dawn operation cannot be altered
 - No PIR sensor option (NS): switchable AC operation for use as dusk to dawn with included photocontrol or use of a normally open switch by disabling photocontrol

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 EXIT sign 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).

Options:

- Emergency (EM) battery back-up is UL 924 Listed to provide a minimum 90 minutes operation during a loss of power, with a 24 hour maximum recharge time for battery. Standard with self-test/ self-diagnostics as well as a heater for cold location operation to -25°C. AC power indicator and test switch are located on bottom face of the unit
- No PIR sensor option (NS) is offered without passive infrared (PIR) motion sensor, but with a photocontrol for use in dusk to dawn applications. Photocontrol can be disabled to be used as an always on or switchable fixture

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



| Specs at a Glance | | *Nominal Wattage |
|-----------------------|---|------------------|
| Wattage (W)* | 18W (AC) 5W (EM) | |
| Lumens (lm) | 1750 (AC) 650 (EM) | |
| Efficacy (LPW) | 100 | |
| Equivalency | 100W HID | |
| CCT | 4000K | |
| CRI | ≥ 70 | |
| Input Voltage | 120-277VAC, 60Hz | |
| Warranty | 3 Years Unit / 2 Years Battery | |
| Certifications | UL 924 Listed for Wet Locations, NFPA 101, Title 24 | |
| Operating Temp | -25°C to 50°C (-13°F to 122°F) | |

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Installation:

- Ideal for mounting to any vertical surface by attaching to a 3” or 4” J-box
- Can be surface mounted using the ½” conduit entry point at top of housing

Testing & Compliance:

- UL Listed for Wet Locations
- Emergency model UL 924 Listed, NFPA 70, NFPA 101
- Complies with Title 24 of the California Code of Regulations
- Operating temperatures: -25°C to 50°C (-13°F to 122°F)

Warranty:

Any component that fails due to a manufacturing defect is guaranteed for five years with a separate three 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)

Ordering Information Example: SLW-15-4K-BL-EM-G3-NS (For standard fixtures without remote monitoring and reporting, [click here.](#))

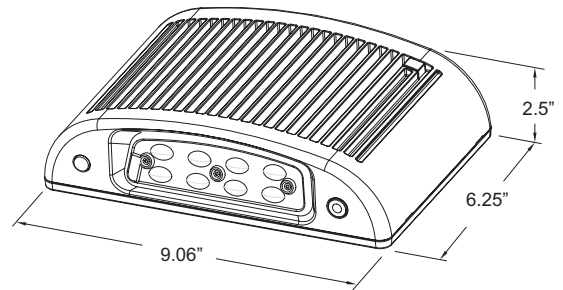
| Series | Wattage | CCT | Finish | Battery Backup |
|--|---------|------------|---|--|
| SLW | 15 | 4K = 4000K | (Blank) = Bronze BL = Black SV = Silver WH = White | EM = UL 924 Emergency Battery Back-up, Cold Location |
| | | | | Self-test/Self-diagnostics |
| | | | | G3 ¹ = Self-test/Self-diagnostics, Remote Monitoring and Reporting |
| | | | | G3PRO ^{1,2} = Self-test/Self-diagnostics, Remote Monitoring and Reporting w/Automated Email Notifications |
| | | | | Options |
| | | | | NS ³ = Photocontrol only (no PIR motion sensor) |
| | | | | 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 |
| Notes | | | | TAB10 - 10" Tablet, Includes Guardian G3 Software |
| 1 Requires additional equipment, consult factory for details | | | | TAB12 - 12" Tablet, Includes Guardian G3 Software |
| 2 Requires internet connection, supplied by facility | | | | WALLBRKXX - Tablet Wall Bracket (XX = Specify 10" or 12" Tablet) |
| 3 Without this option, this model is equipped with a motion sensor that cannot be disabled | | | | WALLBRK-LOCKXX - Locking Wall Bracket (XX = Specify 10" or 12" Tablet) |
| 4 Order as separate line item | | | | STANDBRKXX - Tablet Stand (XX = Specify 10" or 12" Tablet) |
| | | | | STANDBRK-LOCKXX - Locking Tablet Stand (XX = Specify 10" or 12" Tablet) |

Electrical Ratings

| Model | ON /OFF Switch AC Mode | Ambient Suitable | NiCad Battery | Brownout | Low Voltage Disconnect | Overload Disconnect | Short Circuit Disconnect | Solid State Transfer | Input | | | | Output | | |
|--------------------|------------------------|-------------------------------|---------------|----------|------------------------|---------------------|--------------------------|----------------------|---------|----|--------|----|--------|------------|------------|
| | | | | | | | | | VAC | Hz | mA | W | W (EM) | Lumen (AC) | Lumen (EM) |
| SLW-15-4K-EM-G3-NS | Photo Control Only | -25° to 50° Wet/Cold Location | 7.2V 2Ah | Yes | Yes | Yes | Yes | Yes | 120-277 | 60 | 165-85 | 18 | 5 | 1750lm | 650lm |
| SLW-15-4K-EM-G3 | Photo Control & PIR | -25° to 50° Wet/Cold Location | 7.2V 2Ah | Yes | Yes | Yes | Yes | Yes | 120-277 | 60 | 165-85 | 18 | 5 | 1750lm | 650lm |

PIR Motion Sensor Detection Radius

| Installation height | Rated detection radius |
|---------------------|------------------------|
| 8' | 6.5' |
| 10' | 8' |
| 11' | 10' |



On-Center Spacing (Multiple units mounted at a typical 9 foot height)

| Model | # of LED Lamps | 3' Path, 6' Corridor | 6' Path, 6' Corridor |
|--------|----------------|----------------------|----------------------|
| SLW-EM | 1 | 47' | 45' |

Barron assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as a guarantee of any code compliance.

