**Surface Mount (0-10V)**

Remote Emergency Pack

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**Wiring Diagram**

Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.

**ATTENTION**

Do not press the test switch button.

Un-switchable AC source
To detect AC power outage

Test method
Disconnect the AC power of the LED fixture and EMP. The LED Fixture should be lit by EMP.
Surface Mount (0-10V Tunable White)
Remote Emergency Pack

Wiring Diagram

Junction Box

Emergency Battery

(Indoor only)

Mounting Bracket

Un-switchable AC source
To detect AC power outage

Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.

ATTENTION
Do not press the test switch button.

Test method
Disconnect the AC power of the LED fixture and EMP. The LED Fixture should be lit by EMP.
Surface Mount (DMX / DMX Tunable White / TRIAC / ECO System)

Remote Emergency Pack

Wiring Diagram

Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.

ATTENTION
Do not press the test switch button.

Un-switchable AC source To detect AC power outage

Test method
Disconnect the AC power of the LED fixture and EMP. The LED Fixture should be lit by EMP.
AD10 / Stem (0-10V)

Remote Emergency Pack

Junction Box (Not included) — Emergency Battery (Indoor only)

Adjustable Cable

**Wiring Diagram**

- **Junction Box**
  - Black (Line)
  - White (Neutral)
  - Green (Ground)
  - Violet (+)
  - Gray (-)

- **LED Fixture**
  - EMP Gray/White (-)
  - EMP Violet/White (+)

- **Converter Connector**
  - Red
  - White
  - Violet (+)
  - Brown (-)
  - WHT/RED
  - BLUE
  - WHT/BLACK

Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.

**ATTENTION**
Do not press the test switch button.

**Un-switchable AC source**
To detect AC power outage

**Black (Line)**
**White (Neutral)**

**Test method**
Disconnect the AC power of the LED fixture and EMP. The LED Fixture should be lit by EMP.
Remote Emergency Pack

Junction Box
(Not included)

Emergency Battery
(Indoor only)

Adjustable Cable

Wiring Diagram

Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.

ATTENTION
Do not press the test switch button.

Un-switchable AC source
To detect AC power outage

Test method
Disconnect the AC power of the LED fixture and EMP. The LED Fixture should be lit by EMP.
AD10 / Stem (DMX / DMX Tunable White / TRIAC / ECO System)

Remote Emergency Pack

Un-switchable AC source
To detect AC power outage

ATTENTION
Do not press the test switch button.

Junction Box
(Not included)

Emergency Battery
(Indoor only)

Adjustable Cable

Wiring Diagram

Junction Box

Black (Line)
White (Neutral)
Green (Ground)

LED Fixture

Black (-)
Yellow (+)

EMP YEL/BLACK (-)
EMP YEL (+)

EMP Violet (-)
EMP Violet (+)

CONVERTER

Connector

Red
White

EMP 20W BSL20LV

Black (Line)
White (Neutral)

Test method
Disconnect the AC power of the LED fixture and EMP. The LED Fixture should be lit by EMP.

*METEOR LIGHTING reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.*
BSL20LV
Installation Instructions
CLASS 2 OUTPUT
EMERGENCY LED DRIVER

1. Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.
2. This product is for use with an emergency LED lighting load and supplies 20.0 W of power with a maximum rated current of 1.1 A and a maximum voltage of 50 VDC in emergency mode for a minimum of 90 minutes.
3. Make sure all connections are in accordance with the National Electrical Code or Canadian Electrical Code and any local regulations.
4. To reduce the risk of electric shock, disconnect both normal and emergency power supplies and converter connector of the emergency driver before servicing.
5. This emergency driver is suitable for both factory or field installation. For field installation, please see the instructions on page 2.
6. This product is suitable for use in damp locations where the ambient temperature is 0ºC minimum, +50ºC maximum. Product is not suitable for heated air outlets and wet or hazardous locations. Maximum allowable case temp is 65ºC. See Product Unit Label for measurement location.
7. An unswitched AC power source is required (120-277 VAC, 50/60 Hz).
8. Do not install near gas or electric heaters.
9. Do not attempt to service the battery. A sealed, no-maintenance battery is used that is not field replaceable. Contact the manufacturer for information on service.
10. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
11. Do not use this product for other than intended use.
12. Servicing should be performed by qualified service personnel.
13. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
14. For Canadian application the output terminals should be in compliance with the accessibility requirement of the Canadian Electric Code.
15. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.
16. This product's chassis must be grounded.

SAVE THESE INSTRUCTIONS

Ni - Cd

THIS PRODUCT CONTAINS A RECHARGEABLE NICKEL-Cadmium BATTERY. THE BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.
Specifications

**UL Listed for US and Canada**
Listed to UL924 and tested to CSA 22.2 No. 141
For Field or Factory Installation (Indoor and Damp)

**Illumination Time**
90 Minutes

**Full Warranty**
5 Years (NOT pro-rata)

**Universal Input Voltage**
120-277 VAC, 50/60 Hz

**AC Input Current**
95 mA Maximum

**AC Input Power Rating**
8.5 W Maximum

**Output Current and Voltage**
- BSL20LV 1A-0.40A 20V-50V (Class 2)
- BSL20MV 0.40A-0.15A 50V-130V
- BSL20HV 0.16A-0.10A 125V-200V

**Output Power**
20.0 W

**Test Switch/Charging Indicator Light**
Illuminated Test Switch 2W-ITS
(2W-ITS can be mounted up to 50 feet from fixture)

**Battery**
High-Temperature, Maintenance-Free
Nickel-Cadmium Battery
7- to 10-Year Life Expectancy

**Battery Charging Current**
275 mA

**Recharge Time**
24 Hours

**Temperature Rating (Ambient)**
0°C to +50°C (32°F to 122°F)

**Dimensions**
16.6" x 2.8" x 2.85" (mounting center - 16.05")
2' (610 mm) Flexible Conduit
Mounting Center 16.05" (408mm)

**Weight**
7.1 lbs. (3.22 kg)

**Benefits:**
- Smart Charger Technology for low energy consumption.
- Meets CEC Title 20 (California Energy Commission) efficiency standards.
- Listed for field or factory installation - UL 924 and CSA C22.2 No. 141 Emergency Lighting Compliant.
- Class 2 output - UL 1310 Certified, CSA 22.2 No 223-M91 compliant (BSL20LV only).
- Emergency mode nominal lumen output of up to 2,600 lumens.
- Universal input (120-277 VAC).
- 2 wire input to help reduce wiring errors.
- Auto-sensing output within each range.
- RoHS Compliant.

**Dimensions:**
16.6" x 2.8" x 2.85" (mounting center - 16.05")