

Project	
Date	
Prepared By	
Model #	

Specifications

ELECTRICAL

Input Voltage:

120-347V/AC

Input Current: 100A max

Input Power Rating: 12W
max

Time Recharge: 24H

Output Power: 20W

Discharge Time: 1.5H

APPLICATION

≤100W(0-10V Dimmable
Fixture)

≤20W LED Lamps without
dimming function

AGENCY APPROVAL

CSA C22.2 NO.141

UL924

RoHS



Norton Shores, Michigan 49441
T: 231.332.1188 | F: 231.726.5029
TOLL FREE: 866.632.7840
www.earthtronics.com

Emergency LED Driver

For use with



ORDER CODE: 11617

FOR USE WITH:

EarthTronics LED High Bays

- 11858
- 11855
- 11856
- 11857

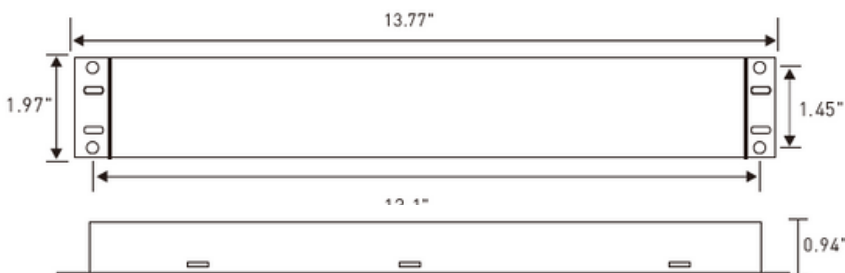
PRODUCT DESCRIPTION

The EarthTronics Emergency LED Driver provides reliable backup lighting performance, delivering up to 1.5 hours of illumination during a power outage. Designed to meet CSA C22.2 NO.141 and UL924 standards, this driver ensures safety compliance for commercial and industrial applications. Featuring an external lithium battery with overcharge, over-discharge, and short-circuit protection, the unit delivers dependable long-term operation with over 500 charge cycles. The integrated indicator light displays working modes and charging status for easy monitoring. Compatible with AC LED drivers up to 150W or 4A output, the emergency driver automatically switches to emergency mode when power is lost and recharges once power is restored.

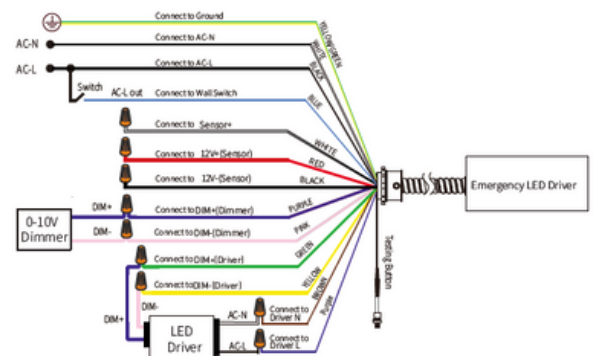
PRODUCT FEATURES

- + External lithium battery
- + Battery protections: over charge protection, overdischarge protection, short circuit protection
- + Indicator shows a variety working modes
- + The batteries Meet 500 cycles of standard CH and standard DCH
- + RoHS compliant
- + Emergency time 1.5H

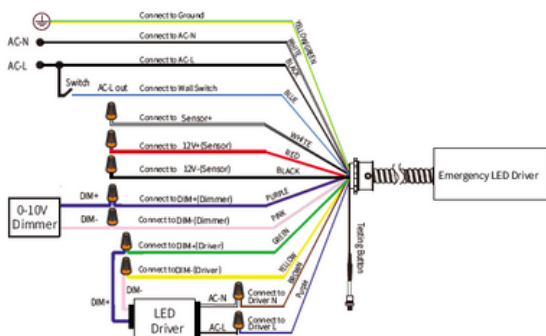
DIMENSIONS



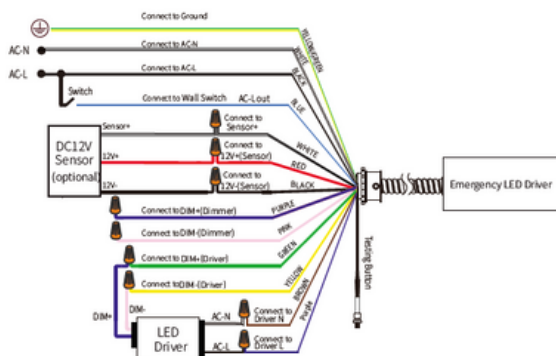
WIRING DIAGRAM



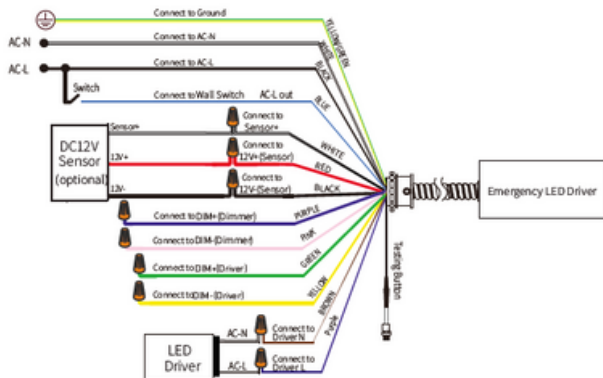
1. For luminaire with 0-10V LED driver and using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 150W) Emergency Inverter Dim+(Green) , Driver Dim-(Yellow) has to connect with LED driver DIM+ and DIM-



2. For luminaire with 0-10V LED driver, without using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 150w) Emergency Inverter Dim+(Green) , Driver Dim-(Yellow) has to connect with LED driver DIM+ and DIM Emergency



3. For luminaire with non-dimming LED driver (* LED DRIVER INPUT POWER NOT GREATER THAN 20W)
* If use 12Vdc sensor, the wires must connect to emergency led driver's 12V sensor wires.



4. For luminaire with 0-10V LED driver, without using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 150w) Emergency Inverter Dim+(Green) , Driver Dim-(Yellow) has to connect with LED driver DIM+ and DIM
* For Commercial LED Fixtures < 150W and have 0-10V dimming function

