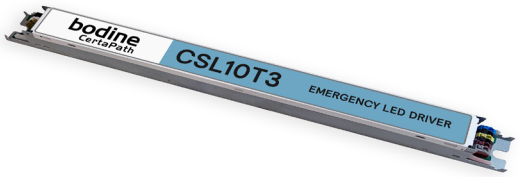
bodine

Emergency Driver

LED

CSL10T3



10W Emergency LED Driver
ABConnect Equipped (No Enable Connector)
Class 2 Output
Two-wire illuminated test switch (2W-ITS, 15 loose inside master carton)



Project:
Location:
Cat.No:
Type:
Qty:
Notes:

Product order number:	12NC number:	MOQ:	2W-ITS
CSL10T3	913702512101	15	

Specifications

Regulatory Certifications
Listed to UL924 and tested to CSA 22.2 No. 141
Field or Factory Installation (Indoor and Damp)
Output Class 2 Compliant
Input CEC Title 20 Compliant

Illumination Time
90 Minutes

Initial Light Output
Up to 1500 Lumens*

Full Warranty
5 Years (NOT pro-rata)

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

Input Current
60 mA max

Output Voltage
15 - 54 VDC

Output Power
10.0 W initial (regulated)

Test Switch/Charging Indicator Light
15 two-wire illuminated test switches provided

Battery
High-Temperature, Maintenance-Free
Lithium Ion Battery

Recharge Time
24 Hours

Charging Indicator Light
LED (part of test switch assembly)

Temperature Rating
Ambient : 0°C to +55°C (32°F to 131°F)
Case: Tc (max): 63°C

Dimensions
14.1" x 1.18" x 1.0" (358 mm x 30 mm x 25 mm)

Mounting Center
13.78" (350 mm)

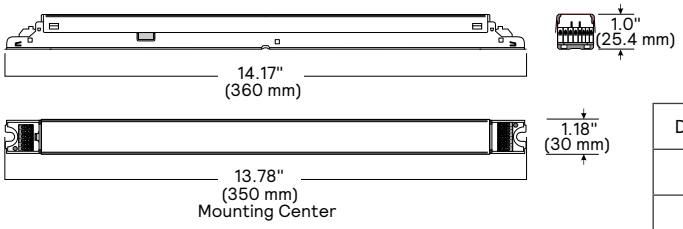
Weight
1.05 lbs (0.48 kg)

Benefits

- New compact design for space-limited linear LED applications
- Equipped with ABConnect to eliminate the need for the emergency enable connector
- Meets Title 20 CEC (California Energy Commission) efficiency standards
- Controlled power for predictable discharge
- Reduced poke-in wiring connections for simplified installation

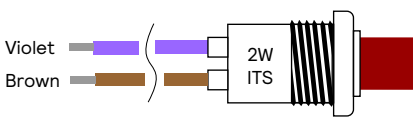
Dimensions

14.17" x 1.18" x 1.0" (mounting center - 13.78")



Dim.	Tolerance
L	± 0.02" (0.5 mm)
W	± 0.02" (0.5 mm)
H	+ 0.1" (2.5 mm)

Two-Wire Illuminated Test Switch (2W-ITS)



Required hole size is 0.50" (12.5 mm).
The overall lead length is 6".

Note: 15 2W-ITS's provided loose inside master carton.

CSL10T3

Emergency LED driver, new compact case, Class 2 output

Application

The CSL10T3 is UL Listed for factory or field installation and allows the same LED luminaire to be used for normal and emergency operation. The emergency LED driver works in conjunction with an AC LED driver that has an output current not to exceed 5.0 A to convert new or existing LED fixtures into emergency lighting. The emergency driver consists of a high-temperature maintenance free lithium ion battery, charger, and electronic circuitry contained in one metal enclosure. The CSL10T3 is capable of delivering an initial minimum power of 10 watts to an LED load (15-54 VDC) for a minimum of 90 minutes. If used in an emergency-only fixture, no AC driver is necessary. The CSL10T3 is suitable for indoor and damp locations, and for installation in sealed and gasketed fixtures, including fixtures rated for wet locations. For more information about specific LED and AC driver compatibility, please contact Technical Support.

Operation

When AC power fails, the CSL10T3 immediately switches to the emergency mode, operating the LEDs at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the emergency driver automatically returns to the charging mode.

ABConnect

ABConnect (Automatic Bodine Connect) simplifies shipping, storage, installation, and commissioning of the emergency lighting luminaire. It allows for the luminaire to be installed and made ready for use without needing to reopen the luminaire when AC power is available, also avoiding unnecessary drain on the battery. Once activated, the product can also be manually disabled, allowing the product or the luminaire to be safely stored for extended periods of time. In the situation where the user manually deactivates the emergency operation for shipping or storing product via the test switch, the Automatic Bodine Connect feature reactivates power when the driver senses that AC current is applied. This feature saves time, labor and the potential to overlook the converter connector step. This reduces the possibility of inadvertently discharging the battery prior to installation, whether in transit or storage.

Installation

The CSL10T3 does not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched hot lead must be connected to the emergency driver. The emergency driver must be fed from the same branch circuit as the AC driver. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C. The two-wire illuminated test switch is a Class 2 device. It may be remotely mounted up to 100 ft. from the CSL10T3 emergency driver.

Code Compliance

The CSL10T3 complies with Part 15 of the FCC Regulations and meets CEC Title 20 (California Energy Commission) battery charging efficiency regulations. The emergency driver shall be UL924 Listed for factory or field installation in the USA or Canada. Output LED load and test switch connections are all rated Class 2 per UL1310.

Emergency Illumination

The CSL10T3 shall be capable of delivering up to 10 watts of initial power to an LED load (15-54 VDC) for a minimum of 90 minutes.

Specification

Emergency lighting shall be provided by using an LED fixture equipped with a Bodine CSL10T3 emergency driver. This emergency driver shall consist of a high-temperature, maintenance-free lithium ion battery, charger, and other electronic circuitry contained in one metal enclosure. An illuminated test switch shall also be provided.

The CSL10T3 is capable of delivering an initial minimum power of 10 watts to an LED load (15-54 VDC) for a minimum of 90 minutes. The CSL10T3 is suitable for indoor and damp locations, and for installation in sealed and gasketed fixtures, including fixtures rated for wet locations. The CSL10T3 shall have a maximum input current of 60 mA and shall comply with emergency standards set forth by the current NEC. This device complies with Part 15 of the FCC Rules and meets CEC Title 20 (California Energy Commission) efficiency standards. The CSL10T3 shall be UL Listed for factory or field installation.

Limited Warranty

Model CSL10T3 is warranted for five (5) full years from date of manufacture. Please see detailed warranty information on our website.

Lithium Battery Shipping Regulations

To comply with IATA provisions for air transporting lithium batteries, and for a step by step guidance through the shipping process, please visit https://www.iata.org/en/publications/store/lithium-battery-shipping-regulations/.

To view a Classification Flowchart for package marking requirements, please visit http://www.iata.org/whatwedo/cargo/dgr/Pages/lithium-batteries.aspx. Scroll to and click on the “Guidance Document” PDF link. The Classification Flowchart will be found therein. The CSL10T3 battery cell capacity is less than 20Wh, and the battery pack capacity is less than 100 Wh.

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