

L10-DC-CEC-SD

10 Watt UL Listed Self-Test / Self Diagnostic
Dual Conduit LED Emergency Driver



Specifiers reference:

Project: _____

Type: _____

Model #: _____

Comments: _____

Product Summary

Approvals UL Listed to UL924
Input (Universal) 115 - 277Vac, 50/60 Hz
Input current 70 mA (max.)
Input power5 Watts (max.)
Output voltage 15-55 Vdc - Class 2 Compliant
Output power 10W Constant Power
Operating time 90 minutes
Automatic Self Test / Self Diagnostic . . . 30 Second Monthly
90 Minute Annually
Battery Lithium
Test Switch Quick Connect IP65 rated
Bi-Color illuminated test switch
Power Engage Technology Eliminates the need
for a battery connector
Weight 4.0 lbs.
Case Galvanized steel
Dimensions 12" L x 1.7" W x 1.14" H
Operating Temperature 32° to 131° F (0° to 55° C)
Recharge time 24 Hrs
Warranty 5 years full
All Specifications subject to change without prior notification.



Table 1 - Self Diagnostic Codes

LED Indication	Condition
Normal Mode	
Steady Green	Battery is fully charged
Flashing Green	Battery is charging
Failure Condition	
One Red Flash	Charging failure
Two Red Flashes	Battery Failure
Three Red Flashes	Load failure
Failure code occurs every 15 seconds.	

Description

The Assurance Emergency Lighting L10-DC-CEC-SD Self Test- Self Diagnostic LED emergency drivers are used with LED luminaires and Class 2 LED emergency drivers to convert lighting fixtures for emergency lighting applications.

Specifications

Emergency lighting shall be provided by using a standard LED fixture, separate LED Class 2 driver and a constant power L10-DC-CEC-SD 10W Self-Test/ Self-Diagnostic emergency LED driver. The LED emergency driver shall be UL Listed for field or factory installations. It allows the LED luminaire to be used for both normal and emergency operation. The luminaire can be used for switched, dimmed or unswitched applications. The L10-DC-CEC-SD emergency driver contains battery, charger, and DC converter in a metal enclosure. The L10-DC-CEC-SD emergency driver shall provide a constant 10 watts to the LED load for a minimum of 90 minutes. The emergency driver shall automatically perform a 30 second monthly test and a 90 minute annual test. Indications of failure will be reported via the Bi-Color illuminated Test Switch. See Table 1 for Diagnostic Code information. A manual test can also be initiated to activate a 30 second and 90 minute test. See Table 2 for details. A quick connect illuminated Bi-Color IP65 rated test switch shall be included. The L10-DC-CEC-SD shall have 5 Watts of input power (max). The L10-DC-CEC-SD emergency driver shall include the Power Engage Technology (PET) feature which does not need a battery connector. When AC line power is provided, the unit activates for emergency operation. The L10-DC-CEC-SD is suitable for with IC Rated Recessed luminaires and for plenum and damp locations. The L10-DC-CEC-SD meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting requirements and is rated for damp locations. The L10-DC-CEC-SD is warranted for a full 5 years from date of purchase. The L10-DC-CEC-SD meets Title 20 CEC requirements.

Note: Output current of AC driver must not exceed 5.0A

Table 2 - Manual Test Operation

Quick Test	Press and Hold Test Switch
Forced 30 Second Test	Press Test Switch 2X
Forced 90 Minute Test	Press Test Switch 3X
Cancel 90 Minute Test	Press Test Switch 1X

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