

MODEL NO: _____
 TYPE: _____
 PROJECT: _____
 COMMENTS: _____

LUMEN PERFORMANCE

Fixture Efficacy	Minute 1	Minute 45	Minute 90
100 lm/W	1800	1800	1800
110 lm/W	1980	1980	1980
120 lm/W	2160	2160	2160
130 lm/W	2340	2340	2340

DESCRIPTION

The **ILB CP18 HE CW** from IOTA is a UL Listed LED emergency driver that allows the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the **ILB CP18 HE CW** switches power from the normal LED driver to operate the LEDs in the emergency mode for **90 minutes**. The unit includes a charger and converter circuit in a reduced-profile housing and a separate sealed lead acid battery component. The **ILB CP18 HE CW** will operate an LED array load at **18 watts** with **constant power** at a rated output voltage of **20V-58V**. The Constant Power design of the **ILB CP18 HE CW** maintains the output wattage to the LED array resulting in non-diminishing illumination for the entire runtime. Includes single-piece IP67 rated test switch and charge indicator accessory.

PRODUCT ADVANTAGES

- **Auto-Sensing Class 2 Output**
Auto-adjusting 20-58VDC output range accommodates a wide range of Class 2 forward voltage LED designs
- **Constant Power Performance**
Constant wattage delivery maintains illumination for the full emergency runtime with no degradation
- **Extended Temperature Performance**
-20° to 60°C ambient temperature performance is ideal for outdoor paths of egress and freezing environments.

SPECIFICATIONS

Input Voltage	(Universal) 120-277VAC, 50/60Hz
Input Rating (120/277)	65 mA (max)
Output Voltage	20-58VDC Class 2 Compliant
Output Current	0.9A (@20VDC) - 0.31A (@58VDC)
Output Power	18 Watts (constant)
Max. AC Driver Output Current	5A _{dc}
Power Factor	≥ 0.9*
Surge Protection	Meets or Exceeds ANSI/IEEE C62.41.2-2002
Emergency Operation	90 minutes
Operating Temp	-20° to 60° C
THD	< 10%
EMI	Complies to FCC commercial limits
Battery	Sealed Lead Acid Battery 24 Hour Recharge
Weight (incl. batteries)	6.0 lbs
Certifications	UL Listed for factory and field installation CSA C22.2 No 141 CA T20 Appliance Efficiency Database

* PF is ≥0.6 for 277Vac

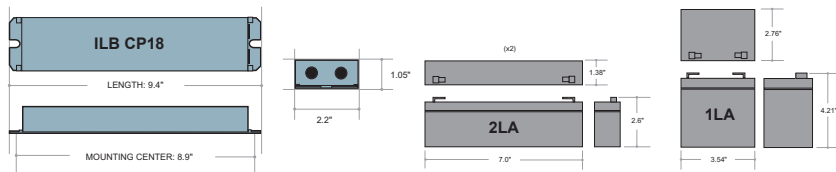


FEATURES

- UL 1310 Certified, Output Class 2 Compliant
- Circuitry enclosed in galvanized steel housing
- Includes single-piece IP67 rated test switch and charge indicator accessory kit
- Maintenance-free, high temperature sealed lead acid battery designed for long life
- For use with switched or unswitched fixtures
- **3-Year Warranty.**
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements
- Suitable for use in damp location and IP67 rated enclosed and gasketed luminaires¹
- RoHS Compliant

DIMENSIONS

ILB CP18 HE CW Component Housing: 9.4" x 1.05" x 2.2"
 ILB CP18 HE CW 1LA Battery: 3.54" x 4.21" x 2.76"
 ILB CP18 HE CW 2LA Battery: 7" x 2.6" x 1.38" (x2)



¹When using lead acid batteries in a sealed and gasketed fixture, a venting valve must be present on the fixture.



ILB CP18 HE CW

Constant Power Emergency LED Driver Kit for Cold Weather Applications

ORDERING GUIDE

ILB

CP18

HE

CW

Understanding Your IOTA Driver Model:

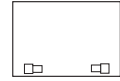
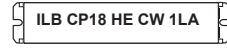
ILB = IOTA Emergency LED Driver

CP** = Constant Power Performance at the rated wattage

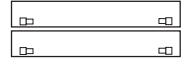
HE = High Efficiency for CA Title 20

CW = (Cold Weather) Extended Temperature Performance

1LA (with single Lead Acid battery)



2LA (with dual Lead Acid batteries)



Emergency Lumen Performance - ILB CP18 HE CW

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100 lm/W	1800	1800	1800
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120 lm/W	2160	2160	2160
130 lm/W	2340	2340	2340



The **ILB CP18 HE CW 1LA and 2LA** is UL Listed and Classified for Field Installation. Refer to the "**CP Series Compatibility and Suitability of Use Guidelines**" addendum for complete project installation requirements.

Warranty: 3-Year Limited Warranty

Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx