ILBLP CP07

Compact Constant Power Emergency Driver

Introducing the Latest in Advanced Compact Constant Power Emergency Design!

The IOTA® ILBLP CP07 Constant Power Emergency Driver establishes a new standard for small form factor emergency solutions. Using advanced lithium battery technology, the ILBLP CP07 brings the advantages of constant power emergency to the limited compartment and channel spaces of today's compact fixture designs. The ILBLP CP07 packs specification-grade emergency performance in a minimal shallow profile enclosure.

Incredible Performance in a Compact Form Factor...

The IOTA ILBLP CP07 brings a revolutionary option to the IOTA Low Profile emergency portfolio that combines the recognized advantages of IOTA ILBLP emergency drivers in an unsurpassed size.

7W Constant Power Output

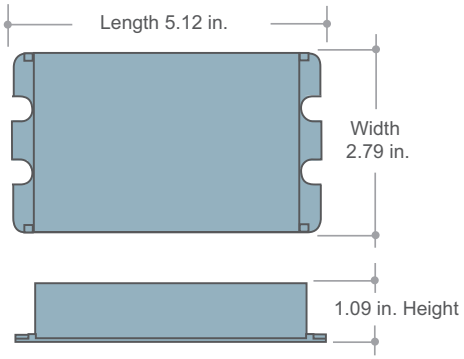
The Constant Power ("CP") design means wattage output of the emergency driver remains unchanged during operation, resulting in non-diminishing light output for the full runtime with no lost foot-candles.

Compact Form Factor

The compact design provides significantly reduced size and weight, resulting in **60% less size** over comparable nickel-cadmium options.

Self-Diagnostic Capability

Monthly and annual tests are a Life Safety Code requirement for emergency lighting. The ILBLP CP07 automatically conducts these required tests and provides diagnostic codes if an issue is encountered. The self-diagnostic feature can also be de-activated for applications where manual testing is preferred, such as in theaters or performance venues.



AC Activate

AC Activate automatically engages the battery charging circuitry with no need for a service contractor to revisit the jobsite and manually connect the emergency battery after the fixture is installed.

CA Title 20

Features high-efficiency (HE) battery charging to help meet CA Title 20 energy requirements and is registered in the Modernized Appliance Efficiency Database (MAEDBS.)

Stainless Steel Indicator and Test Switch

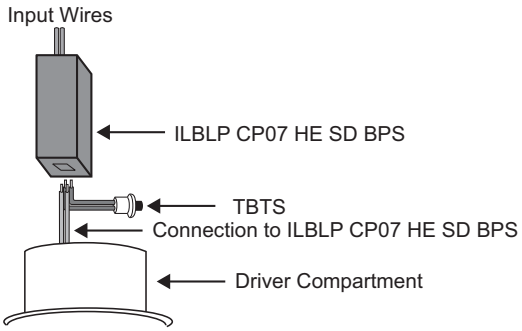
Attractive single-piece stainless steel test acessory provides a discreet indicator solution to complement luminaire aesthetics.

Two Mounting Configurations to Choose From...

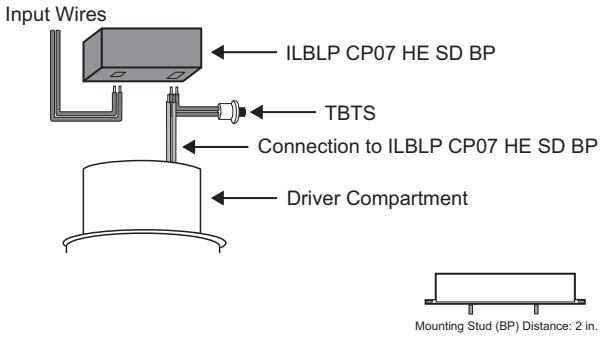
The IOTA® ILBLP CP07 features poke-in wiring terminals to reduce the amount of wiring needed in limited compartment space installations. The poke-in connection terminal is available either on the end of the ILBLP CP07 (BPS version) or on the bottom of the ILBLP CP07 (BP version) to match luminaire mechanics. The bottom-feed (BP) configuration includes PEM mounting studs for securing to a junction box.

Series	Description	Emergency Wattage	Input Voltage	Output Voltage	Listings
ILBLP CP07 HE SD BP	Compact 7W Constant Power Emergency Driver with Bottom Feed Connections	7W (Constant)	120-277VAC	10-55VDC	cULus 924, UL 1310 certified,CA Title 20
ILBLP CP07 HE SD BPS	Compact 7W Constant Power Emergency Driver with Side Feed Connections	7W (Constant)	120-277VAC	10-55VDC	cULus 924, UL 1310 certified,CA Title 20

BPS (Side Feed) Mounting Style example



BP (Bottom Feed) Mounting Style example



Specification Overview

Input Voltage	(Universal) 120-277VAC, 50/60Hz
Input Rating	32mA (max)
Output Voltage	10-55VDC Class 2 Compliant
Output Current	0.700A (@10VDC) - 0.127A (@55VDC)
Output Power	7 Watts (constant)
Max. AC Driver Output Current	1.4Adc
Max. AC Driver Neutral Current	1A
Surge Protection	Meets ANSI/IEEE C62.41.2-2002
Emergency Operation	90 minutes
Operating Temp	0° to 55° C
EMI	Complies to FCC Commercial Limits
Battery	Lithium Ion 24 Hour Recharge 5-7 Year Life Expectancy
Weight	0.7 lbs.
Approval	UL Listed for factory and field installation CSA C22.2 No 141 CA T20 Appliance Efficiency Database

c UL us LISTED

IOTA ILBLP Emergency Drivers are UL Listed for both field and factory installation in the United States and Canada.

BC

Registered in the MAEDBS (Modernized Appliance Efficiency Database System) as a small battery charger to help meet CA Title 20 energy requirements.

Find additional ILBLP CP07 product details and resources at **www.iotaengineering.com**