IOTA
POWERING YOUR WAY ®

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**IPS - IP67 Rated Test Switch and Charge Indicator**

INSTALLATION INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS

The use of accessory equipment not in accordance with manufacturer's directions may cause an unsafe condition, will void warranty, and result in non-compliance with UL specifications.

THE IPS - IP RATED TEST SWITCH

The IPS Combination Test Switch/Charge Indicator is an IP67 Rated Test Switch suitable for use with *select IOTA emergency LED drivers.* **IOTA emergency drivers are not IP rated**, therefore the IPS is only intended for use when the IOTA emergency LED driver is integrally installed within an appropriately-rated sealed and gasketed enclosure or IP rated fixture. Refer to **TABLE A** for IOTA emergency LED drivers acceptable for use with the IPS switch.

WHITE LEAD
+ RED LEAD
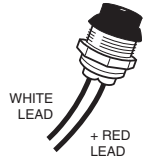
IPS TEST SWITCH VOLTAGE

Ensure that the voltage of the IPS Switch is correct for the IOTA emergency LED driver you are connecting it to. The voltage of the IPS Switch is indicated by either a RED dot, BLUE dot, or NO dot on the the side of the switch. Refer to **TABLE A** for identifying the rated voltage for each IPS Switch and the acceptable IOTA emergency drivers for use with that voltage switch. **Attention: Using the incorrect voltage switch will cause the IOTA emergency driver to not operate. Always confirm that you are using the proper voltage IPS accessory.**

TABLE A: IPS Switch Compatibility Chart

Color Identifier	Switch Voltage	IOTA Emergency Driver
No dot	2 Volts	ILB CP05 HE B
		ILB CP07 HE B
		ILB CP10 HE B
		ILBSL CP08 HE
		ILBSL CP10 HE
Red dot	5 Volts	ILB 3020
Blue dot	15 Volts	ILB CP05 B
		ILB CP07 B
		ILB CP07 XB
		ILB CP07 2H B
		ILB CP10 B
		ILB CP10 XB
		ILB CP12 B
		ILB CP12 XB
		ILBSL CP05
		ILBSL CP05 XB
		ILBSL CP07
		ILBSL CP10
		ILBSL CP12
		ILBSL CP12 XB

SAVE THESE INSTRUCTIONS

INSTALLING THE IPS SWITCH

Recessed Troffer Fixture – Select a convenient location with proper clearance in the ballast cover or access cover and drill or punch a $^7/_8''$ hole (½″ knockout). Insert the $^7/_8''$ bushing into the hole. Push the plastic tube through the bushing. Route the leads of the **IPS** through the plastic tube. Connect the IPS wires from the unit to the **IPS** (Red/Black or Red w/tag to Red, White/Red to White). Push the entire assembly back into the tube until the lens collar rests against the plastic tube. The plastic tube should be adjusted so that the **IPS** is within ¼″ of the fixture lens. The **IPS** must be visible after installation. Refer to *Illustration 1*.

Strip Fixture – Select a convenient location on the fixture so the **IPS** can be seen after installation. Allow for proper clearance inside the fixture and drill or punch a ½″ hole. Remove the nut from the **IPS**. Push the **IPS** housing into the ½″ hole and secure with the nut. Connect the IPS wires from the unit to the **IPS** (Red/Black or Red w/tag to Red, White/Red to White). Refer to *Illustration 2*.

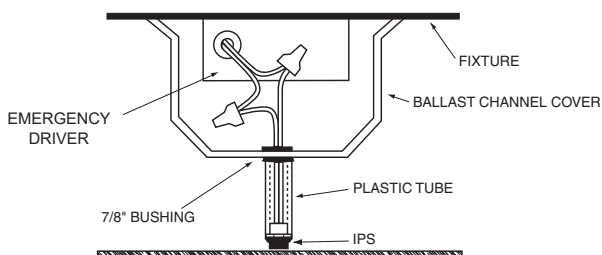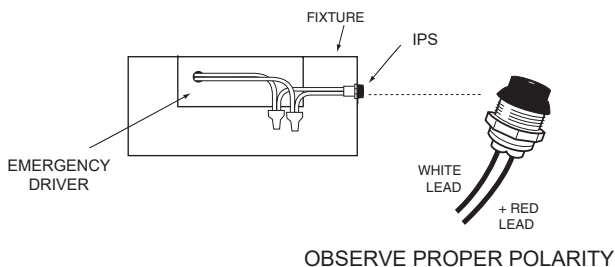**Illustration 1** : Recessed Troffer Fixture

FIXTURE

BALLAST CHANNEL COVER

EMERGENCY
DRIVER

PLASTIC TUBE

7/8" BUSHING

IPS

Illustration 2: Strip Fixture

FIXTURE

IPS

EMERGENCY
DRIVER

WHITE
LEAD

+ RED
LEAD

OBSERVE PROPER POLARITY

COMPLETING INSTALLATION

Refer to the installation instructions provided with the IOTA ILB emergency driver for completing installation and confirming proper operation of the emergency unit. *Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility before final installation.*

Keep this installation sheet with the installation instructions provided with the IOTA ILB unit.

INSTALLATION AND SERVICING SHOULD BE PERFORMED BY QUALIFIED PERSONNEL.

**Consult Customer Service or visit www.iotaengineering.com for
current warranty information.**