



# ATG Electronics® iBright™ I58i T8 LED Tube (G5 IPS)

## USER GUIDE

Part Number	HFL-8040N-060605-H1	HFL-8040N-060605-H2
	HFL-8080N-120605-H1	HFL-8080N-120605-H2
	HFL-8099N-150605-H1	HFL-8099N-150605-H2



### NOTE:

Please read this entire manual to fully understand and safely use this product.

Specifications are subject to change without notice. Please visit [www.atgelectronics.com](http://www.atgelectronics.com) for the most recent user guide versions.

### Included in this Box

ATG Electronics® iBright™ I58i T8 LED Tube (G5 IPS), 1 PCs

Wire Nuts, 3 PCs

User Guide, 1 Set

### Important Instructions

iBright™ I58i work directly at 100~130VAC or 190~277VAC. The installer must determine whether they have 100~130VAC or 190~277VAC at the luminaire before installation.

### Installation Steps

**Retrofit installation steps for luminaires with Magnetic Ballast are different from that with Electronic Ballast.**

#### Retrofit Luminaires with Magnetic Ballast

**iBright™ I58i is compatible with magnetic ballast. Magnetic ballast can be left there.**

Step 1: Turn off main power before installation.

For safety, make sure main power source is switched off before attempting to install.

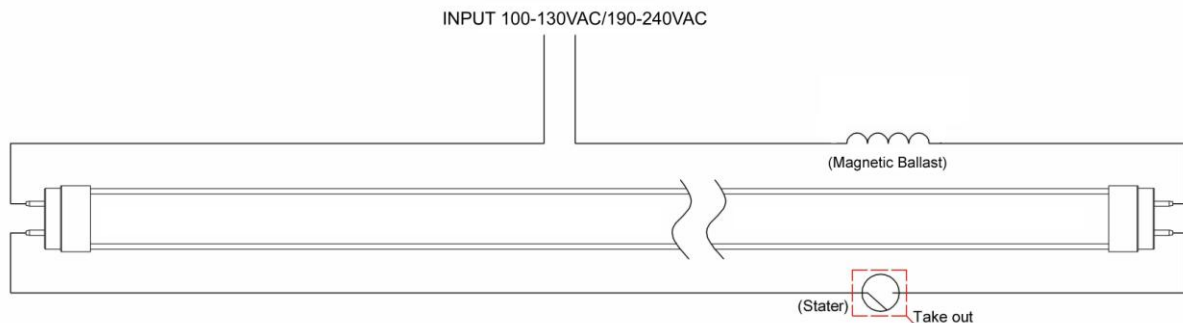
Step 2: Take existing fluorescent light and starter off.

Existing fluorescent light and starter are not needed. You might recycle them as appropriate.

Step 3: Drop iBright™ I58i into fluorescent fixture.

### Wiring Diagram (Magnetic Ballast)

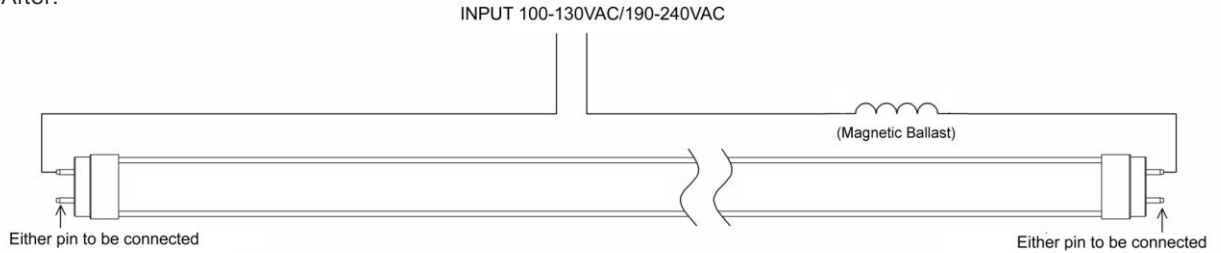
Before:



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After:



**Retrofit Luminaires with Electronic Ballast**

iBright™ I58i is NOT compatible with electronics ballast. Electronic ballast must be removed.

Step 1: Turn off main power before installation.

For safety, make sure main power source is switched off before attempting to install.

Step 2: Take existing fluorescent light and starter off.

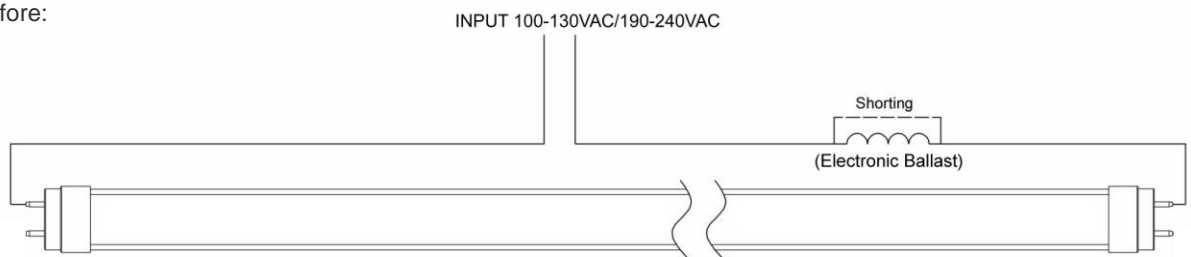
Existing fluorescent light and starter are not needed. You might recycle them as appropriate.

Step 3: Disconnect the electronic ballast and reconnect wires. Remove wires from electronic ballast and reconnect them. You might leave the ballast in fluorescent fixture or recycle it as appropriate.

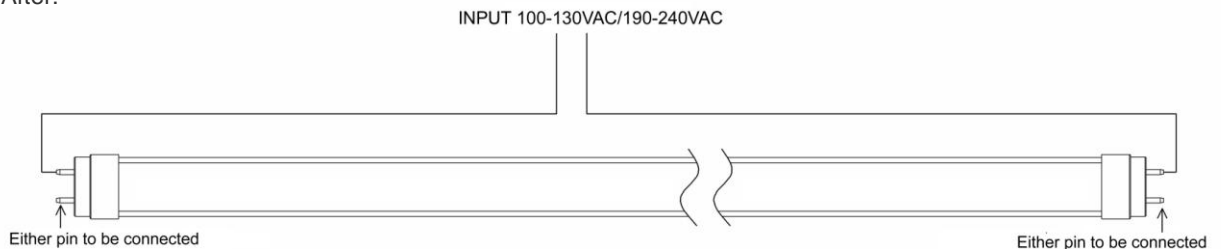
Step 4: Drop iBright™ I58i into fluorescent fixture.

**Wiring Diagram (Electronic Ballast)**

Before:



After:



**ATG Electronics® iBright™ I58i T8 LED Tube Specifications**

Input Voltage: 100-130VAC/190-240VAC

Color: White

LED Qty: 40LEDs, 80LEDs, 99LEDs

Power Consumption: 8W ±2W, 16W ±2W, 19W ±2W

Beam Angle: 120 degree

Length: 600mm, 1200mm, 1500mm

Work Environment: Indoor use, dry environments

\* For detailed specifications, please refer to the product catalog of iBright™ I58i T8 LED Tube.

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