LightCloud HID 54S EX39 8TW BYP Field Adjustable HID Replacement User Manual

Welcome
Field-Adjustable HID Replacement
with 5-Pin Lightcloud Blue Port
HID-54S-EX39-8TW-BYP/LCBR
WE'RE HERE TO HELP:
1(844) LIGHTCLOUD
1(844) 544-4825

Hello

Lightcloud Blue is a Bluetooth mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patent-pending Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

Contents

Product Features

Direct Connect LED, No Gateway or Hub required
Wireless control from your mobile device*
On/off and dimming
Wireless remote control*
Create custom scenes
Sensor compatible
Schedules and automations
SmartShift™ automated circadian schedule*
*Requires Lightcloud Blue Plug-In Controller
Catalog Number:
HID-54S-EX39-8TW-BYP/LCBR
Model Number:
HID-54S-EX39-8TW-BYP/LCBR
Electrical:
36W/45W/54W,
4860lm/6075lm/7290lm,
120-277Vac, 50/60Hz
Construction:
Lamp Base: EX39

Safety Information

- Not suitable for use with standard dimmers and sensors unless specifically designed for RAB Lightcloud Blue Lamps.

- Do not use where directly exposed to water.

- NOT FOR EMERGENCY LIGHTING.

- ADDED WEIGHT OF THE DEVICE MAY CAUSE INSTABILITY OF A FREE-STANDING.

- PORTABLE LUMINAIRE. USE ONLY WITH A PORTABLE LUMINAIRE THAT IS PROVIDED WITH A SHADE.

- Only install in operating environments between -22°F and 140°F (-30°C to 60°C).

- Only use the control provided with or specified by these instructions to control this lamp. This lamp will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

- CAUTION – RISK OF ELECTRIC SHOCK. Do not use if outer lamp envelope is damaged or broken.

- WARNING – Risk of fire or electric shock. LED Retrot Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

- WARNING – Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retro t kit does

not exceed the input rating of the luminaire.

- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES.
  THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

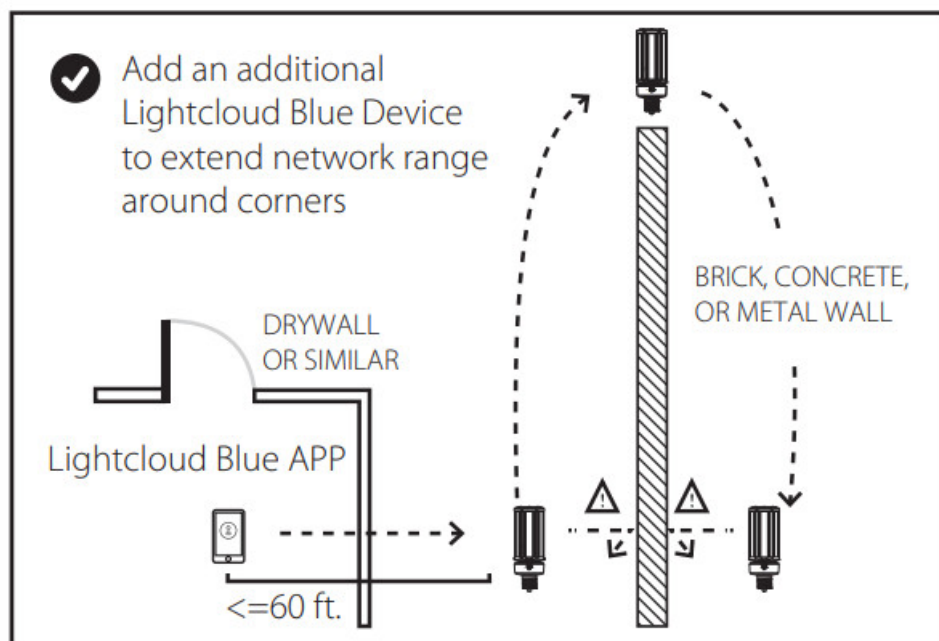## Installing your Lightcloud Blue Lamp

1. Turn off power
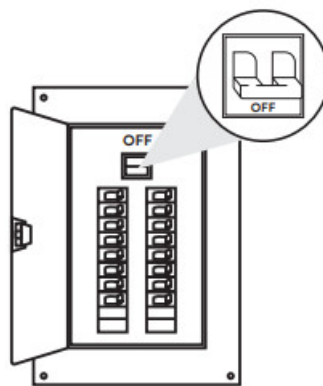
• Place the wall switch in the off position.

• Turn off the main power at the breaker panel or remove the fuse from the fuse box.

2. Find a suitable location

• Lightcloud Blue devices should be positioned within 60 ft. of each other.

• Building materials such as brick, concrete and steel construction may require additional Lightcloud Blue devices to extend around an obstruction.
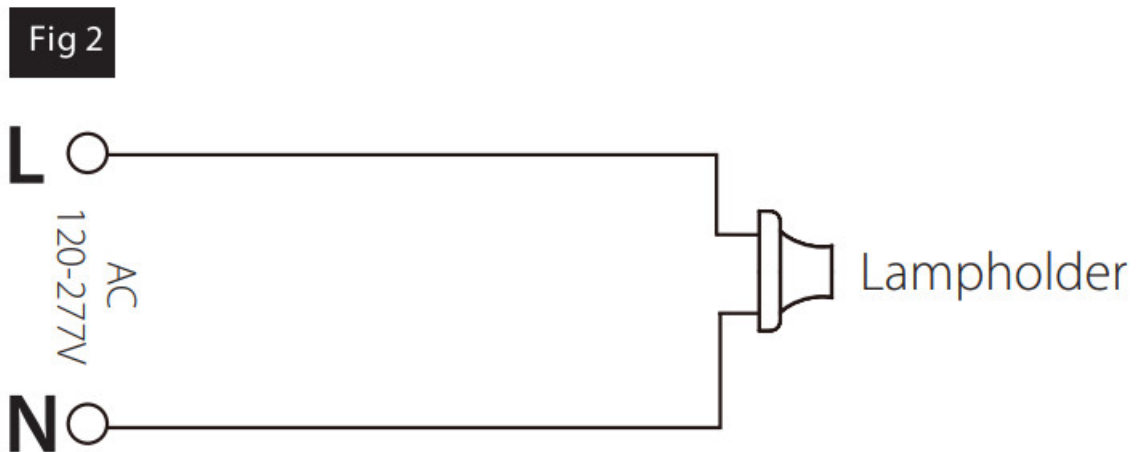

3. Install the Lightcloud Blue Lamp

• Remove old ballast or disconnect from existing lampholder. Remove and dispose of ballast in correct manner. Shown as Figure 1. (North America 120-277VAC)

Fig 1

L — AC 120-277V — N

Ballast

Capacitor

Ignitor
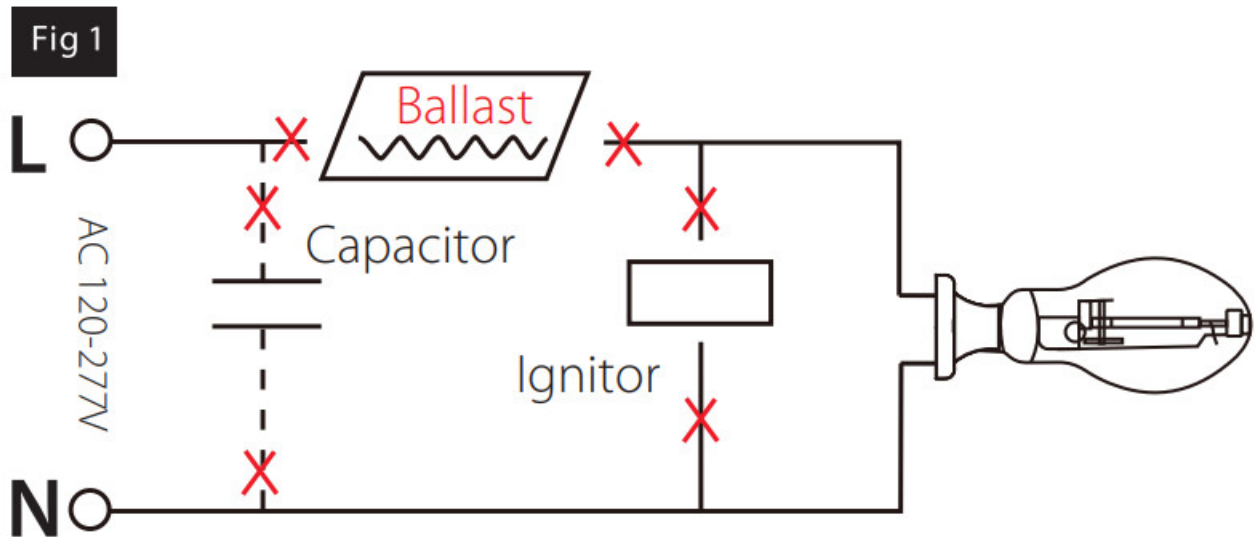
• Reconnect directly to the existing lampholder.
Shown as Figure 2. (North America 120-277VAC)

Fig 2

L — AC 120-277V — N

Lampholder

• Select power and CCT of new LED replacement lamp before installation.
• Install new LED replacement lamp. Shown as Figure 3.
Please make sure the old fitting is correctly earth. Attach retrofit label to luminaire. (North America 120-277VAC)

Fig 3

L — AC 120-277V — N
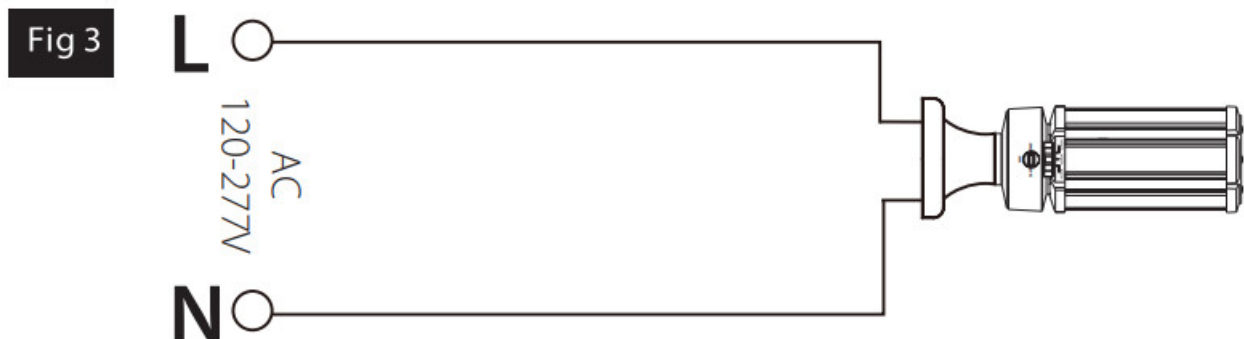
• Securely fasten the earth fly lead cable to the main body structure. If the cable are damaged in any way please replace. (Do not use existing burnt out cables)
The cable if need replacement must be 1.0mm in size and insulated from heat.

4. Power and CCT Selectable

Power Selectable Switch

Color Selectable Switch
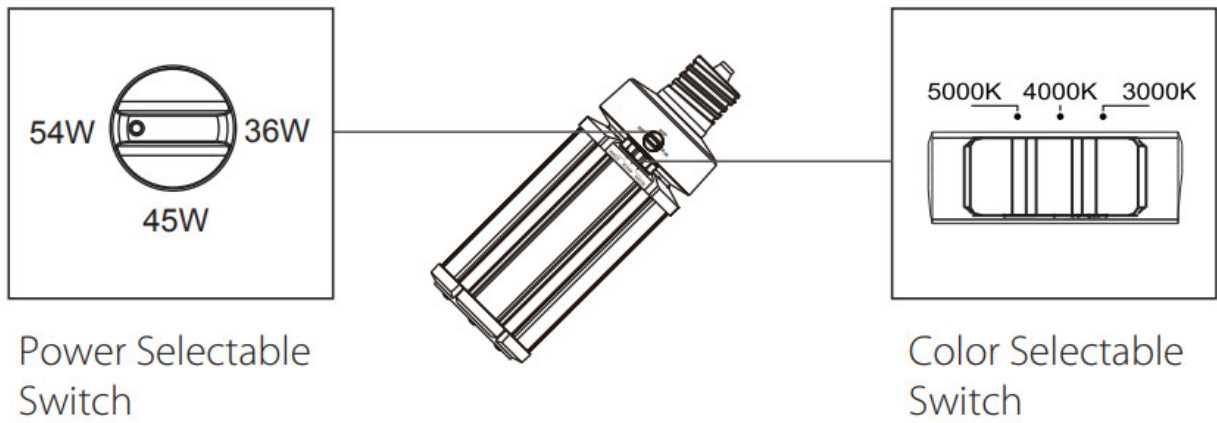
5. Connect device to power.

Remove plastic plug from lamp, then insert Lightcloud Blue Plug-In Controller into interface.

For first time use, the lamp will be ready to pair to the Lightcloud Blue app. Power on the lamp to enter pairing mode. While pairing, the lamp will flash on/off 5x and then dim and flash on/off 3x to indicate that it has been paired as an Ungrouped Device in the Lightcloud Blue app.

Lightcloud Blue Lamp

Plastic Plug

Lightcloud Blue Plug-In Controller
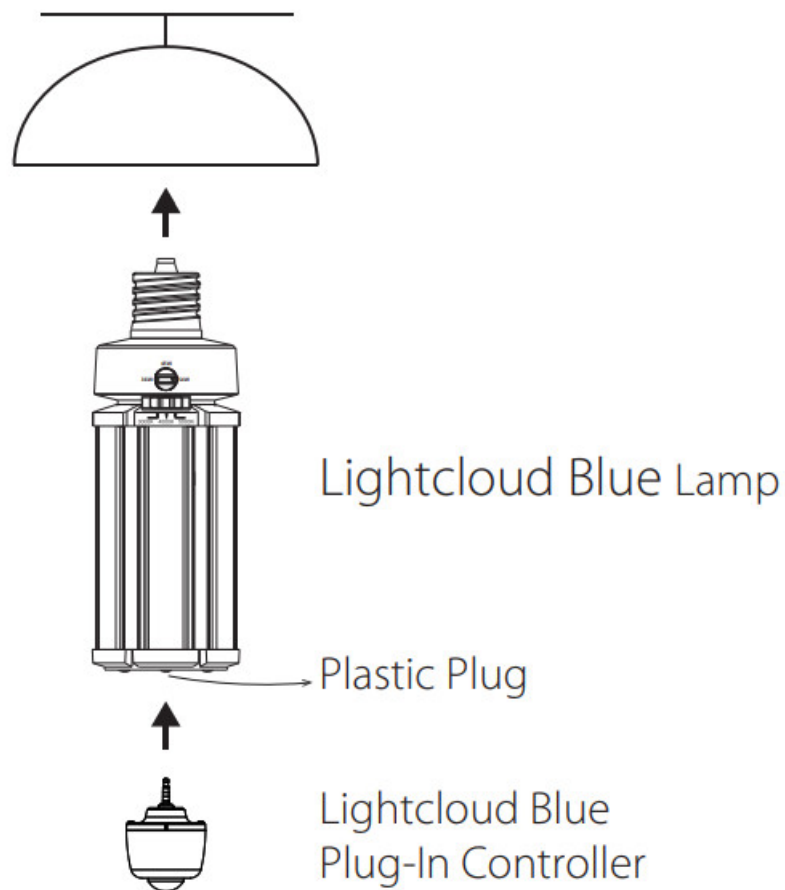
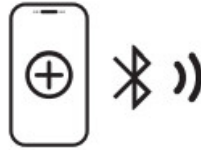**Controlling your Lightcloud Blue Device**

1. Confirm your device is powered on.
2. Download the Lightcloud Blue app from the Apple® App Store or Google® Play store.

3. Launch the App and create an account.

4. Tap the "add device" icon in the app to start connecting devices.

5. Follow the remaining steps in the app. Create areas, groups, and scenes to organize and control your devices.

6. You're all set!

Setting Device to Pairing Mode

To restore your Lightcloud Blue Field-Adjustable HID Replacement to factory settings, use the following methods.
Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the lamp is online and select "Delete".
Method 2: Manual
Power the lamp off and on 5 times consecutively.
Do not allow less than 1 second and more than 10s elapse before switching off and keep off for at least 3s before switching on. The lamp will flash 3 times, then reset to 100% brightness at default CCT.
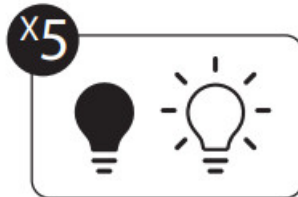
Method 3: Rapid Reset Tool
Lightcloud
The rapid reset process must be done by professional electricians qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool.
The tool simply needs to be placed directly on the Lightcloud Blue Plug-In Controller for 2 seconds. The lamp will flash 3 times, then reset to 100% brightness at default CCT.
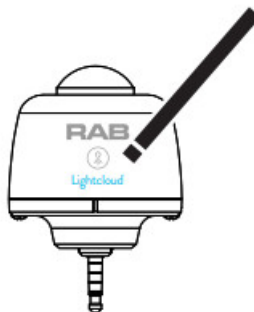
Cleaning & Maintenance

CAUTION: Be sure fixture temperature is cool enough to touch.
Do not clean or maintain while fixture is energized.

- Turn power OFF.

- Use a soft cloth and a mild, non-abrasive glass cleaner.

- Lightly wipe and clean the fixture.

DO NOT use solvents.
DO NOT use cleaners containing abrasive ingredients.
NEVER spray cleaning liquid directly onto the LEDs, fixture, or wiring.

Troubleshooting

Problem	Probable Cause	Solution
Light does not turn on.	Bad connection. Faulty switch. Power is off.	Check wiring connections. Test switch or replace it. Verify power supply is on.
Circuit breaker trips or fuse blows when light is turned on.	Discontinue use immediately.	Call an electrician.

Functionality

Configuration
All configuration of Lightcloud Blue products may be performed using the Lightcloud Blue app.

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support@lightcloud.com

FCC Information:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.
Note: This device has been tested and found to comply with the limits for Class B digital devices pursuant to Part 15 Subpart B, of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

To comply with the FCC's RF exposure limits for general population /uncontrolled exposure, this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.
Such modifications could void the user's authority to operate the equipment.
CAUTION: Changes or modifications to this equipment not expressly approved by RAB Lighting may void the

user's authority to operate this equipment.

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Learn more at **www.rablighting.com**
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Documents / Resources

Welcome Lightcloud® Field-Adjustable HID Replacement with 5-Pin Lightcloud Blue Port HID-54S-EX39-8TW-BYP/LCBR WE'RE HERE TO HELP: 1(844) LIGHTCLOUD 1(844) 544-4825	**LightCloud HID 54S EX39 8TW BYP Field Adjustable HID Replacement** [pdf] User Manual HID 54S EX39 8TW BYP Field Adjustable HID Replacement, HID 54S EX39 8TW BYP, Field Adjustable HID Replacement, Adjustable HID Replacement, HID Replacement, Replacement

References

- **R** **RAB VIRTUAL PATENT MARKING PAGE**
- **R** **Welcome to RAB**
- **User Manual**