

**BHSH SERIES**



**IMPORTANT SAFEGUARDS**

**When using electrical equipment, basic safety precautions should always be followed, including the following:**

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. DISCONNECT POWER TO ALL CIRCUITS BEFORE WIRING FIXTURE. INSTALL IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES. DO NOT CONNECT TO AN UNGROUNDED SUPPLY. READ ALL FIXTURE MARKINGS AND LABELS TO ENSURE CORRECT INSTALLATION OF FIXTURE.

SUPPLEMENTAL INSTRUCTIONS MAY BE LOCATED ON THE FIXTURE, IN ADDITION TO THIS INSTRUCTION SHEET, REGARDING ORIENTATION, OR MOUNTING RESTRICTIONS.

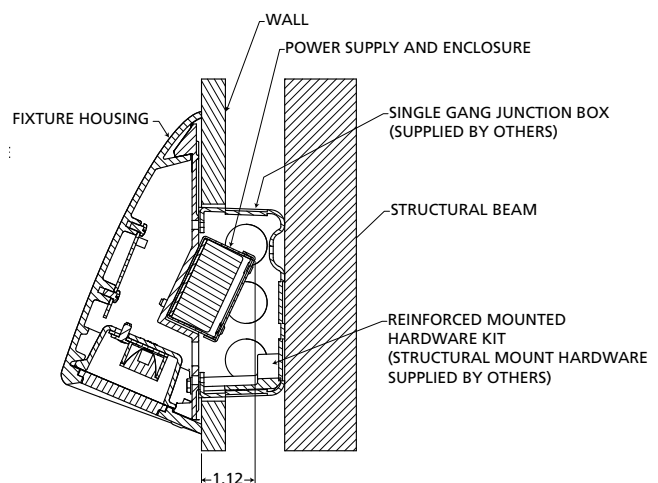
**SAVE THESE INSTRUCTIONS**

1. Remove fixture from packaging.
2. Remove the (2) 8-32 screws near lens using a tamper-resistant T15 Torx bit. **See figure 1.**  
**Note:** If fixture has touch dimming option, make sure to keep nylon washer with screws.
3. Carefully open housing from mounting plate and disconnect connector between LED Module and LED driver and set parts aside.



**FIGURE 1**

4. Select and install single gang junction box in a vertical orientation.  
**Note:** Junction box depth needs to be a minimum of 1.25". Additional support may be required behind Junction box. **See figure 2.**



**FIGURE 2**



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5. Optional - "HD" Adapter – provides reinforced attachment to the building structure through the junction box using (2) screws suitable for material and supplied by others. **See Figure 3.**

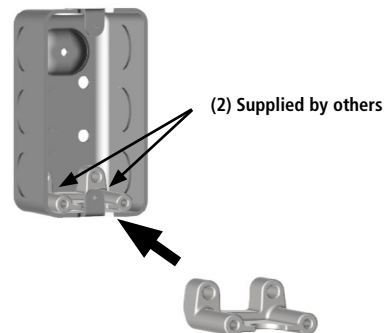


FIGURE 3

**⚠ Important:** Turn power off before wiring light fixture.

6. For line voltage installation, connect wiring per **figure 4**.
7. Dimming wires to be connected to external dimmer.
8. Touch Dimming ("TD") will not require dimming wires.
9. Fixture with the "TD" option should not be used with an AC switch.

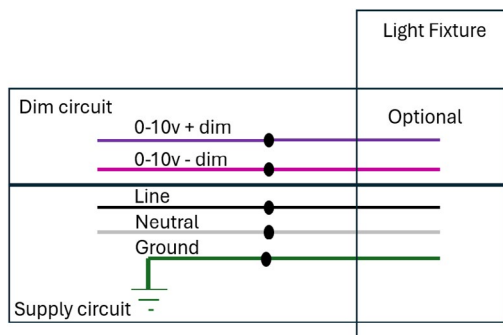


FIGURE 4

10. Attach mounting plate to junction box using (2) (typically) 6-32 screws (supplied by others). **See Figure 5.**
11. If "HD" option has been ordered, secure (2) 8-32 hex head fasteners to optional "HD" adaptor. **See Figure 3.**

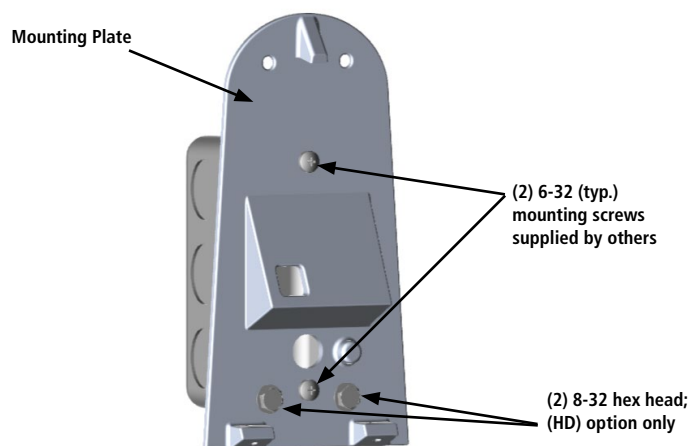


FIGURE 5



12. Connect the LED module connector to the LED driver connector while supporting the housing.
13. Align fixture housing with mounting plate hook feature, making sure not to pinch wires or damage insulation films. **See Figure 6.**
14. Secure fixture housing to mounting plate with (2) 8-32 screws provided, when Touch Dimming "TD" option has been selected, nylon washers should be present.
15. In a behavior health setting, caulking the perimeter of the light fixture with security caulk is recommended.

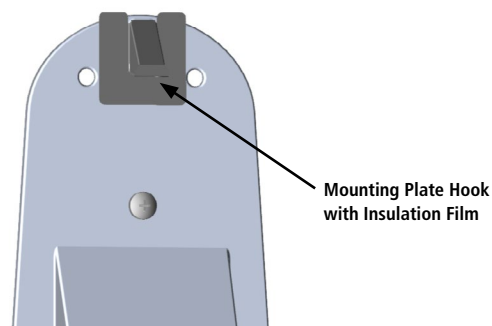


FIGURE 6

## OPERATION/TROUBLESHOOTING

### Operation Notes for Touch Dimming (TD) option - Step Dimming

1. Single touch = 100%; followed by 33%; followed by 10%; followed by Off.
2. A line voltage switch should not be used in conjunction with the "TD" option. Light will briefly flash every time power is applied, indicating calibration. If a switch is required, the "DIM1" option is required, and touch dimming will not be available.

### Troubleshooting Touch Dimming (TD) option

1. Make sure power is applied to fixture.
2. Cycle power, do not touch fixture until calibration is complete (light fixture stops blinking when calibration is complete, typically a few seconds). If the fixture is blinking on and off every second, the touch dimming surface has detected a ground fault. Disconnect power and remove the outer housing to confirm the insulation film is intact.
3. Make sure the mounting plate is connected to earth ground. The outer housing must maintain electrical isolation from the mounting plate. The insulation film installed at the mounting plate hook and inside bottom of the outer housing, plus the nylon washers for the two (2) Torx fasteners, must be intact and undamaged.
4. Call Kenall field service for further instructions if problems persist: 1-800-4-KENALL .

## CUSTOMER SERVICE

For technical assistance, call 1-800-4-KENALL (1-800-453-6255).

## WARRANTY

For warranty information visit [www.kenall.com/Resources/Certified-Performance-Warranties](http://www.kenall.com/Resources/Certified-Performance-Warranties)



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