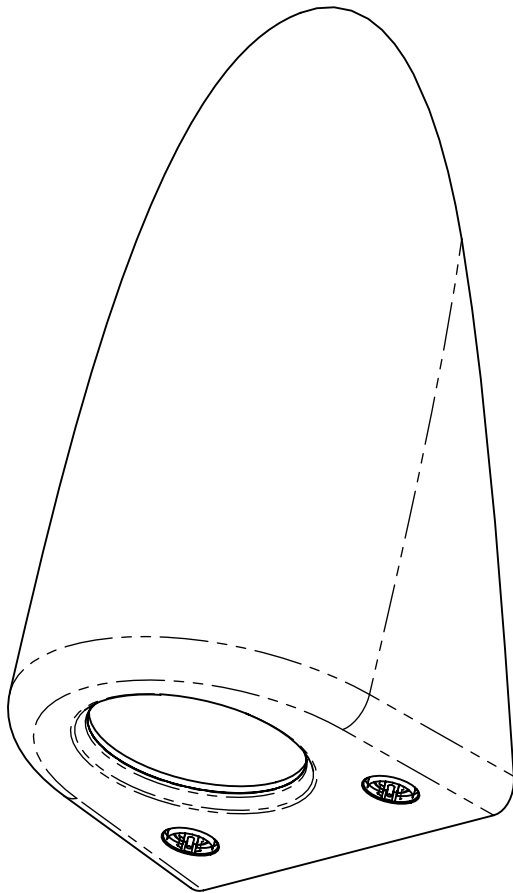


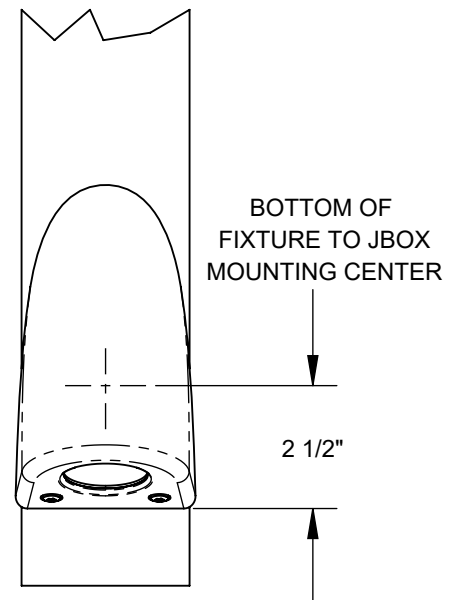
INSTALLATION INSTRUCTIONS

Model: **CB1800**
Fixture Family: **GIG**
Document Description: Installation Instructions for
GIG Series Luminaires

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GIG CB1800



Sheet 2: STANDARD INSTALLATION

Sheet 3: BH1 INSTALLATION, MOUNTING SURFACE (up to 5/8")

Sheet 4: BH2 INSTALLATION, MOUNTING SURFACE (5/8" up to 1-1/4")

Sheet 5-6: WIRING DIAGRAMS

Sheet 7: TOUCHDIM TROUBLESHOOTING STEPS

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

- Read all instructions carefully before installing and save for future use.
- Make sure all connections are in accordance with the National Electrical Code and local regulations.
- To avoid possible electric shock, be sure the power supply is turned off before servicing or installing the fixture.
- Service should be performed by qualified personnel.
- These instructions may not cover all details or variations. If additional information is needed, please contact Visa Lighting.

Drawing: 762271XX

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Eng: CMG

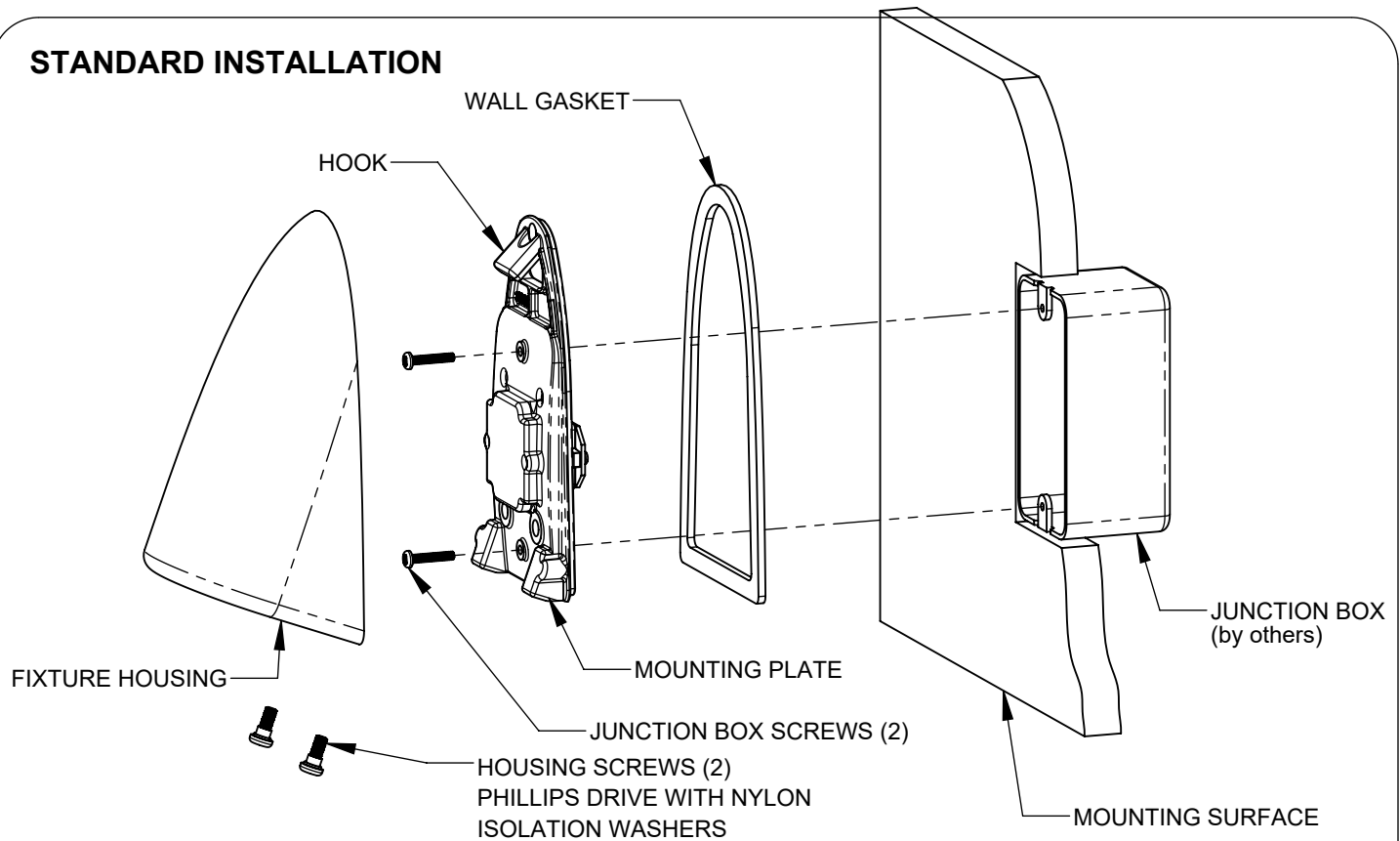
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STANDARD INSTALLATION



Instructions

1. Make electrical connections according to NEC and local regulations.
2. Attach mounting plate to junction box (by others), using junction box screws (2) provided. Ensure wall gasket is seated underneath mounting plate and is not pinched or crooked.
3. Align fixture housing with mounting plate using the hook and slot feature.
4. Secure fixture housing to mounting plate with housing screws (2) provided. The Nylon Isolation Washers are required for the Touch Dimming option to properly operate. Note: do not overtighten housing screws. Over tightening can damage the Nylon Isolation Washers, Touch Dimming features will not work properly if washers are crushed or cut.

NOTE:

Ingress protection for fixture is from the outside only. Fixture is not sealed from the junction box or wall cavity. Wall gasket must be installed on a smooth flat surface. Caulking around the housing may be necessary if the wall surface is not smooth.

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

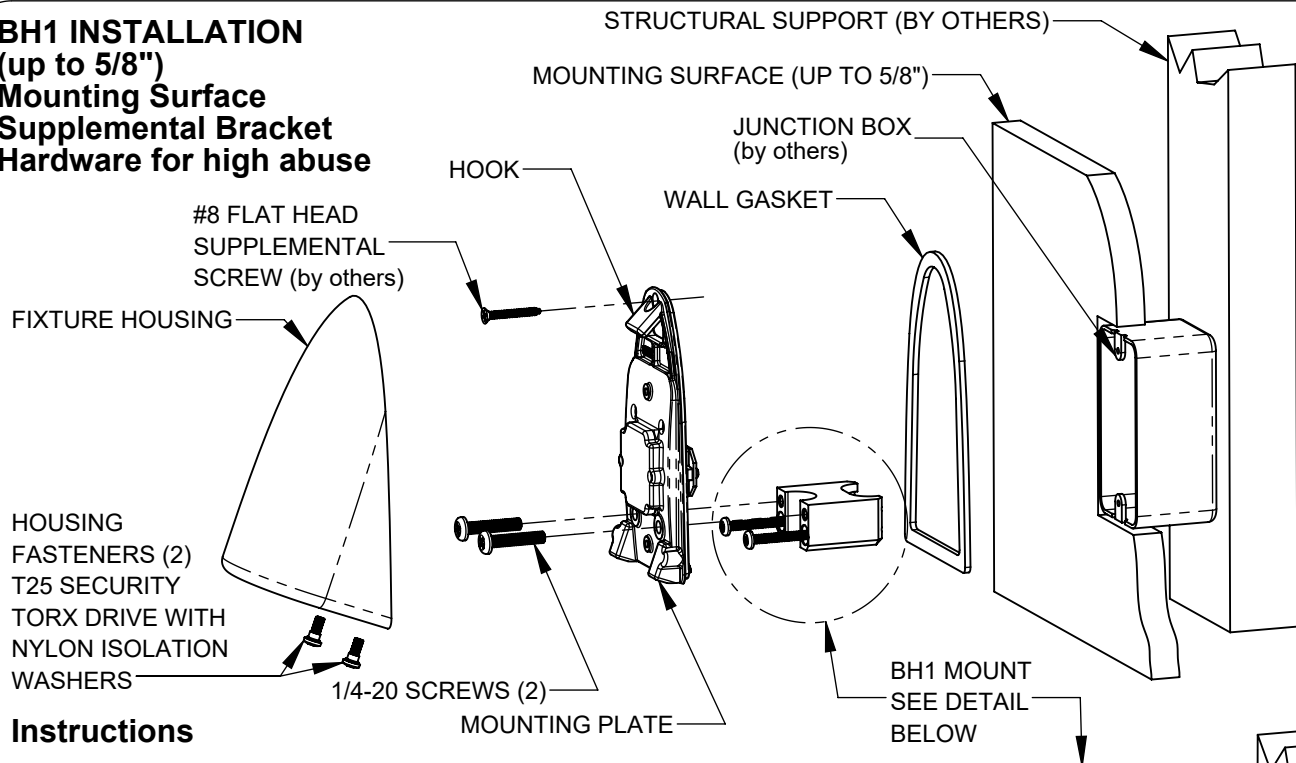
- Read all instructions carefully before installing and save for future use.
- Make sure all connections are in accordance with the National Electrical Code and local regulations.
- To avoid possible electric shock, be sure the power supply is turned off before servicing or installing the fixture.
- Service should be performed by qualified personnel.
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INSTALLATION INSTRUCTIONS

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BH1 INSTALLATION (up to 5/8") Mounting Surface Supplemental Bracket Hardware for high abuse

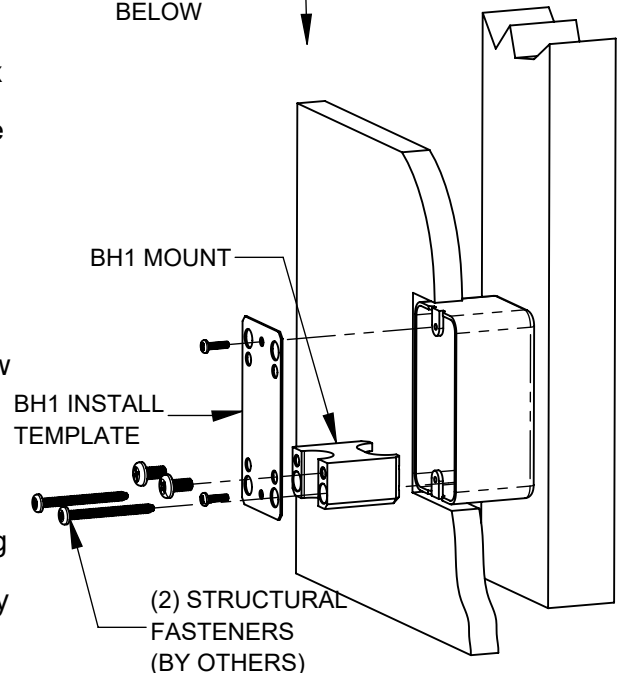


Instructions

1. Attach BH1 MOUNT to structure through junction box using #8 or #10 screws (by others). BH1 INSTALL TEMPLATE provided for hole alignment only, remove after BH1 MOUNT is secure.
2. Make electrical connections according to NEC and local regulations.
3. Attach mounting plate to junction box using 1/4-20 screws (2) provided. Ensure wall gasket is seated underneath mounting plate and is not pinched or crooked.
4. For rough service applications #8 supplemental screw (by others) is recommended.
5. See facility manager as they may require Pick-Proof caulk for certain circumstances.
6. Align fixture housing with mounting plate using the hook and slot feature.
7. Secure fixture housing to mounting plate with housing fasteners (2) provided. The Nylon Isolation Washers are required for the Touch Dimming option to properly operate. Take care not to over-tighten, if they are over-tightened & crushed... Touch Dim will not work.

NOTE:

Ingress protection for fixture is from the outside only. Fixture is not sealed from the junction box or wall cavity. Wall gasket must be installed on a smooth flat surface. Caulking around the housing may be necessary if the wall surface is not smooth.



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

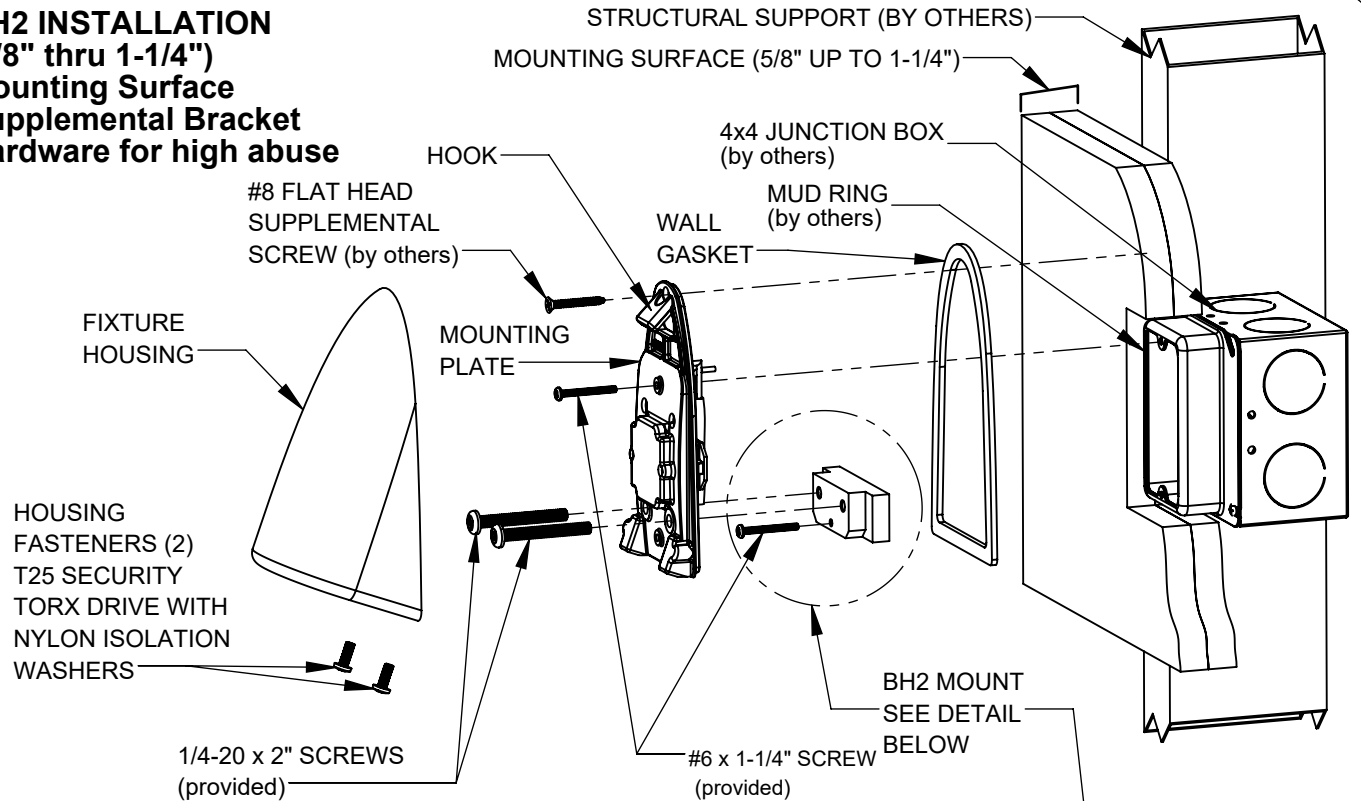
- Read all instructions carefully before installing and save for future use.
- Make sure all connections are in accordance with the National Electrical Code and local regulations.
- To avoid possible electric shock, be sure the power supply is turned off before servicing or installing the fixture.
- Service should be performed by qualified personnel.
- These instructions may not cover all details or variations. If additional information is needed, please contact Visa Lighting.

INSTALLATION INSTRUCTIONS

Model: **CB1800**
 Fixture Family: **GIG**
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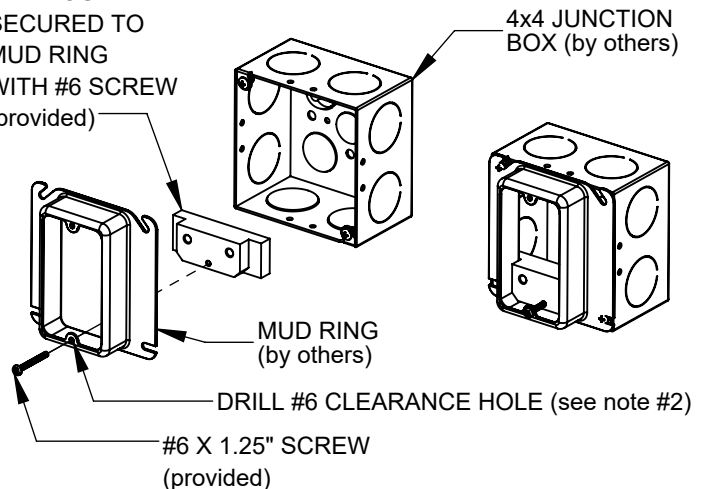
BH2 INSTALLATION (5/8" thru 1-1/4") Mounting Surface Supplemental Bracket Hardware for high abuse



Instructions

1. Secure 4x4 junction box and mud ring (by others) to structure on at least one side of junction box.
2. Drill out existing threads in LOWER HOLE ONLY of mud ring mount to allow clearance for a #6 screw (provided).
3. Insert BH2 MOUNT into junction box mud ring and fasten to mud ring using #6 x 1-1/4" screw (provided).
4. Make electrical connections according to NEC and local regulations.
5. Attach mounting plate to BH2 MOUNT using 1/4-20 x 2" screws (provided). Ensure adequate clamping strength between mounting plate and BH2 MOUNT.
6. Ensure wall gasket is seated underneath mounting plate and is not pinched or crooked.
7. Install #6 x 1-1/4" screw (provided) through mounting plate into UPPER HOLE of mud ring.
8. For rough service applications #8 supplemental screw (by others) is recommended. See facility manager as they may require Pick-Proof caulk for certain circumstances.
9. Align fixture housing with mounting plate using the hook and slot feature.
10. Secure fixture housing to mounting plate with housing fasteners (2) provided. The Nylon Isolation Washers are required for the Touch Dimming option to properly operate. Take care not to over-tighten, if they are over-tightened & crushed...Touch Dim will not work.

BH2 MOUNT SECURED TO MUD RING WITH #6 SCREW (provided)



NOTE:

Ingress protection for fixture is from the outside only. Fixture is not sealed from the junction box or wall cavity. Wall gasket must be installed on a smooth flat surface. Caulking around the housing may be necessary if the wall surface is not smooth.

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

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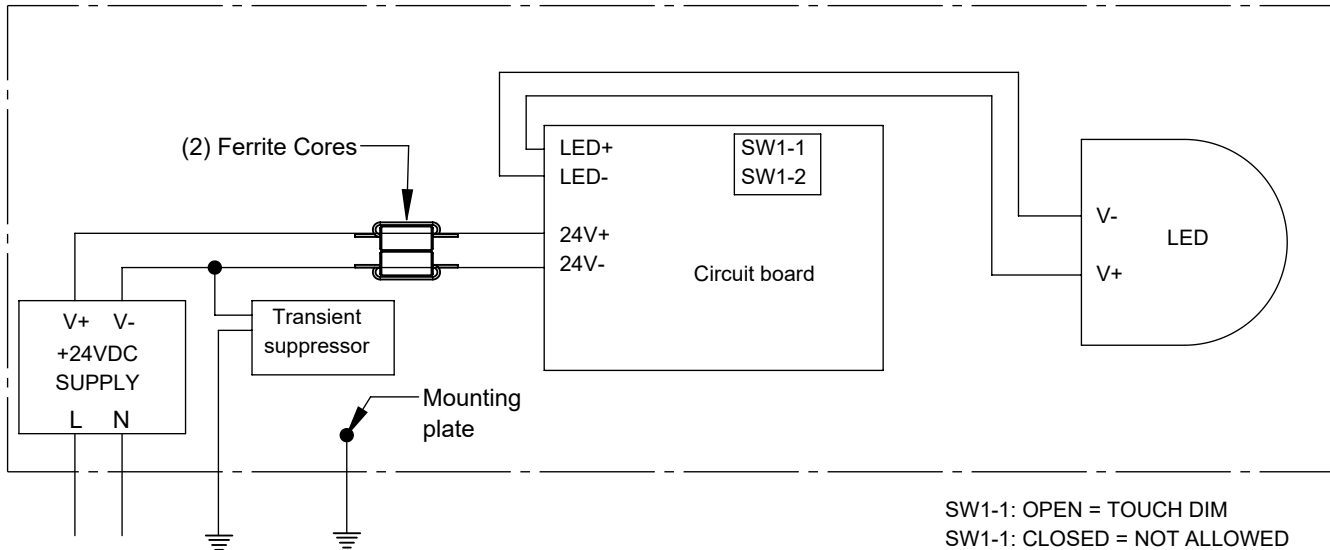
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CB1800 TOUCH DIMMING **(INTEGRAL DRIVER)**

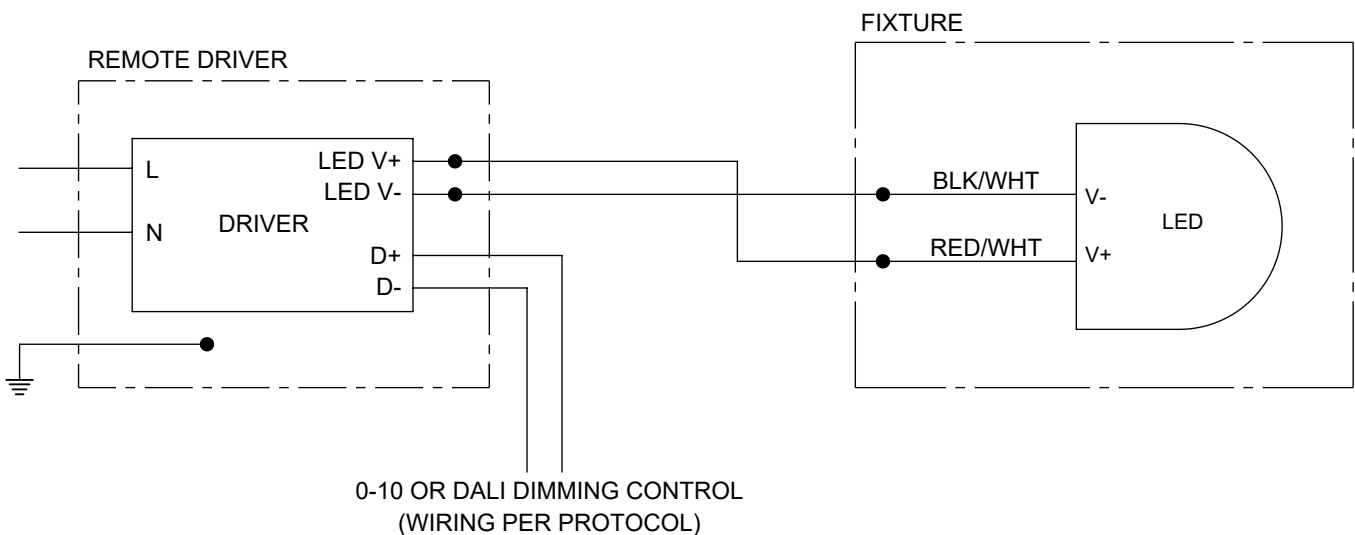
FIXTURE



NOTE: TOUCHDIM NOT FOR USE WITH AFCI OR GFCI DEVICE

SW1-1: OPEN = TOUCH DIM
SW1-1: CLOSED = NOT ALLOWED
SW1-2: OPEN = LOW CURRENT
SW1-2: CLOSED = HIGH CURRENT

CB1800 WIRED DIMMING **(REMOTE DRIVER)**



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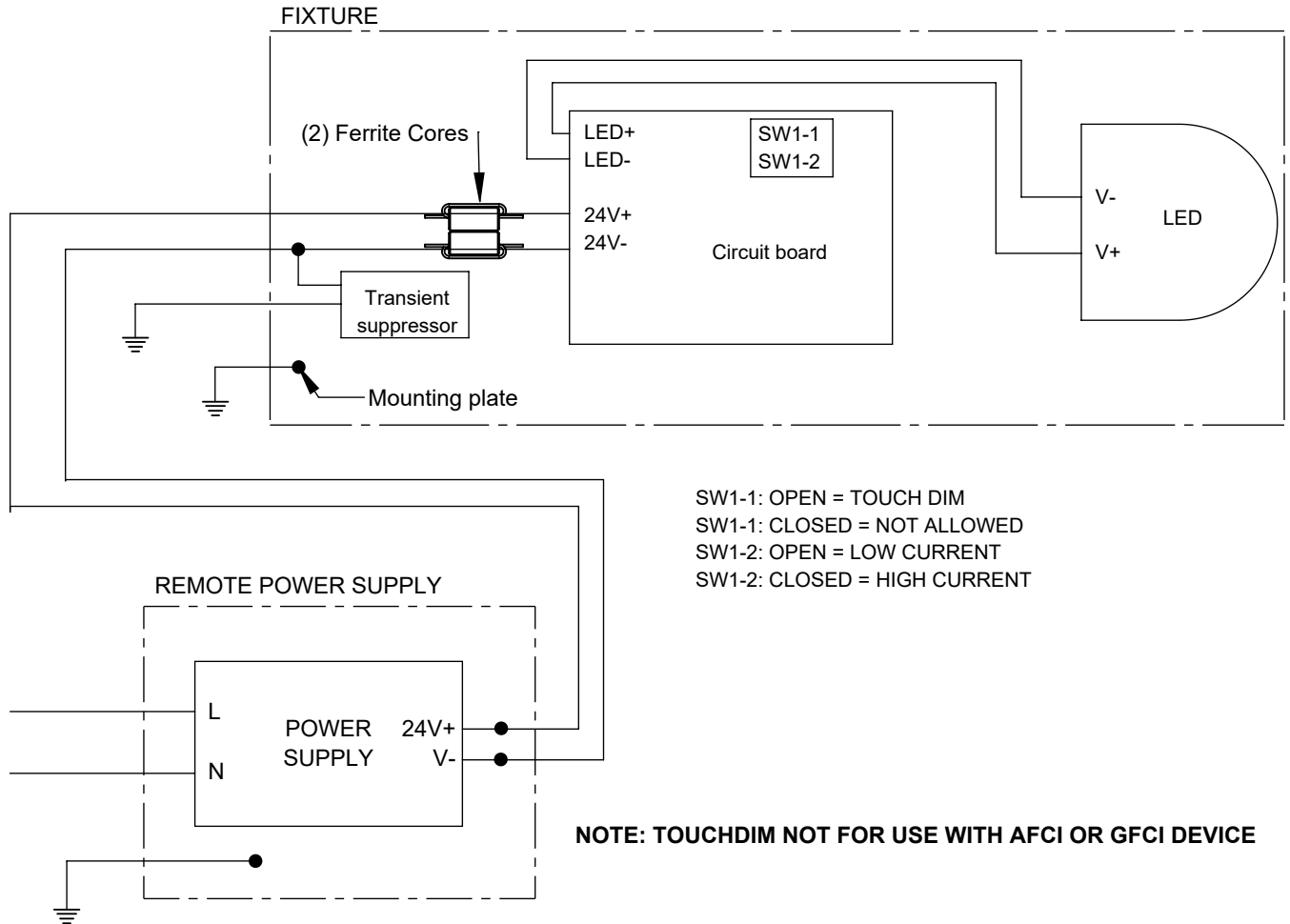
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INSTALLATION INSTRUCTIONS

Model: **CB1800**
Fixture Family: **GIG**
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CB1800 TOUCH DIMMING **REMOTE DRIVER**



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

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- Make sure all connections are in accordance with the National Electrical Code and local regulations.
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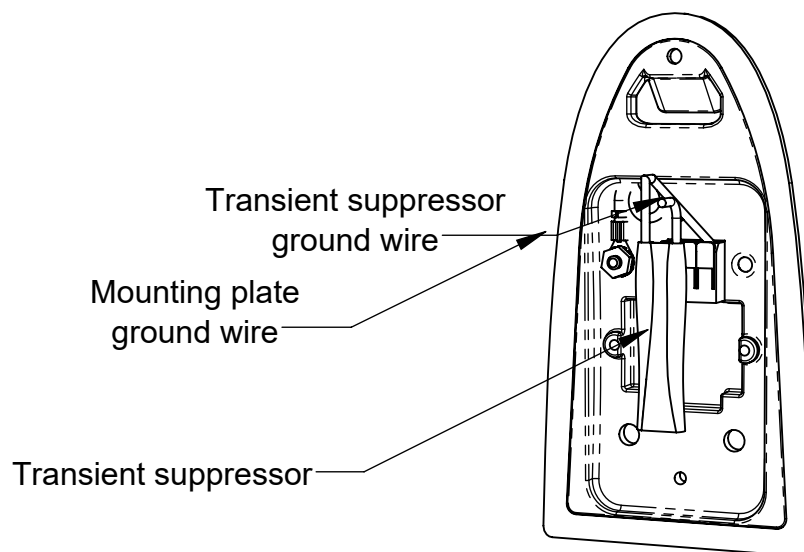
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TOUCHDIM TROUBLESHOOTING STEPS

1. If this is the first installation or modifications have been made to the installation, be sure to cycle power OFF and then ON to allow fixture to properly self-calibrate
2. Touchdim controlled fixtures should not have the AC supply power switched on/off with an external switch. When power first is switched on to a Gig in touch-dim mode, the output is not always in a “defined” state until the first time someone touches it. That means that the output may be a bit dim or appear to flicker at a high frequency. Once it starts reading touches, it should snap into its defined states of on/dim/off.
3. If issues persist:
 - With the power to the fixture OFF, check continuity between the front housing and ground. There should not be continuity between front housing and ground when fully installed. If continuity is present, **check the condition of the isolating washers beneath the heads of the housing fasteners, and the rubberized wall mounting plate. If these are damaged they must be replaced.**
 - Confirm proper wiring per instructions on sheets 4 & 5.
 - Ensure that the mounting plate ground wire and transient suppressor are both connected to earth ground, ensure the black rubberized coating on the mounting plate is intact & undamaged. Exposed bare metal can cause grounding & touch dimming issues.
 - If the fixture is “touched” continuously for more than 60 seconds (holding or leaning on the fixture etc.), it will recalibrate itself based on whatever is touching it. When that touch is removed the fixture should revert to normal operation. Cycle power if this does not resolve quickly.



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

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