

Figure 1

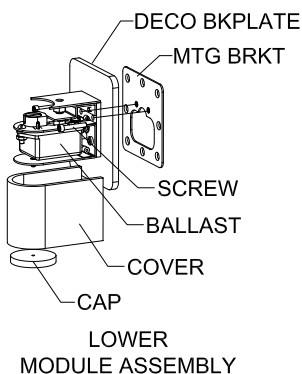


Figure 2



Figure 3

### Lamping Specifications

10138 I-wall 2'  
 • Fluorescent  
 120v, One, F14WT5/Mini Bi-Pin  
 277v, One, F14WT5/Mini Bi-Pin

10139 I-wall 3'  
 • Fluorescent  
 120v, One, F21WT5/Mini Bi-Pin,  
 277v, One, F21WT5/Mini Bi-Pin

10140 I-wall 4'  
 • Fluorescent  
 120v, One, F28WT5/Mini Bi-Pin  
 277v, One, F28WT5/Mini Bi-Pin

**IMPORTANT! AT ALL TIMES WIRING TO BE DONE PER NATIONAL ELECTRIC CODES (NEC) OR APPLICABLE LOCAL CODES**

**IMPORTANT | CAUTION  
 READ ALL INSTRUCTIONS  
 THOROUGHLY. TURN OFF POWER  
 AT CIRCUIT BREAKER OR FUSE BOX  
 BEFORE PROCEEDING.**

Step 1 Carefully remove fixture from packaging. Avoid using a sharp blade as it may damage the decorative finish or the glass cylinder. Remove the decorative cap from the fixture and remove decorative cover from the lamp assembly to expose the internal mounting hardware. (See Figures 1 and 2)

Step 2 Remove the nuts from the socket head screws as these are for shipping purposes solely. (See Figure 3) The wall fixture is designed to be mounted to a standard wall outlet box or mounted to a mirror or similar surface. For the wall mount installation leave the decorative back plate assembled to the fixture as the back plate will conceal the wall outlet box. Install in conjunction with the smaller 3.00" mounting bracket.

IMPORTANT: During installation make sure that the ballast is oriented in the lower portion of a vertical installation. If the ballast is located towards the top in the installation the ballast may prematurely fail as a result of improper thermal transfer and heat damage.

NOTE: The orientation of the mounting brackets are critical. (See Figure 4)

Step 3 Attach the mounting bracket to the outlet box in the lower position first (powered end). Mount so that the pem-nut hardware faces the outlet box. The fixture assembly will attach to the mounting bracket in the final stage of the installation process. (See Figure 5)

Step 4 Attach the provided mounting template to the mounting bracket with 8-32 FHM screws. The mounting template is provided so the installer can align the secondary fixture assembly at a proper distance and angle from the primary powered fixture assembly. (See Figure 6)

Step 5 Attach the remaining mounting bracket to the opposite end of the mounting template. Note that the orientation of the mounting bracket is critical. Mark the install locations of the mounting bracket and install drywall anchors or similar hardware and fasten the mounting bracket to the wall. (See figure 1)

Step 6 Remove the mounting template once both mounting brackets are aligned and installed, discard template as it is intended for installation only.

**AT ALL TIMES WIRING TO BE DONE PER NATIONAL ELECTRIC CODES (NEC) OR APPLICABLE LOCAL CODES.**

**IMPORTANT! BE SURE ALL POWER IS OFF PRIOR TO INSTALLING FIXTURE. READ ALL INSTRUCTIONS BEFORE PERFORMING ANY WORK**

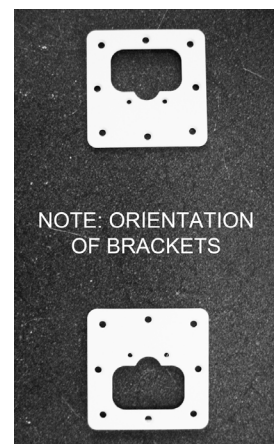


Figure 4

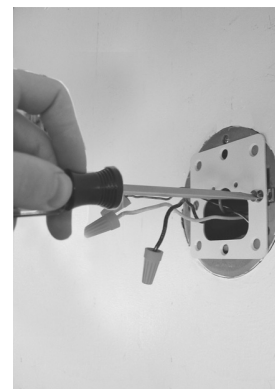


Figure 5

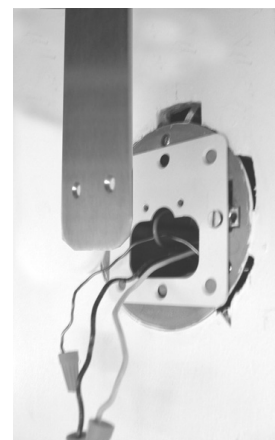


Figure 6

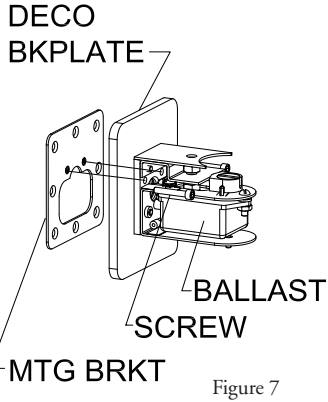


Figure 7



Figure 8

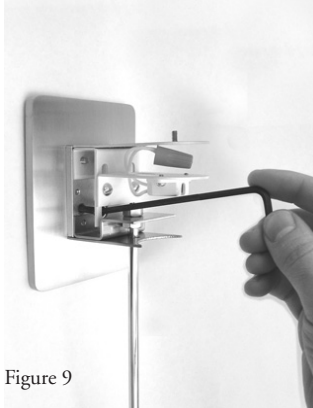


Figure 9

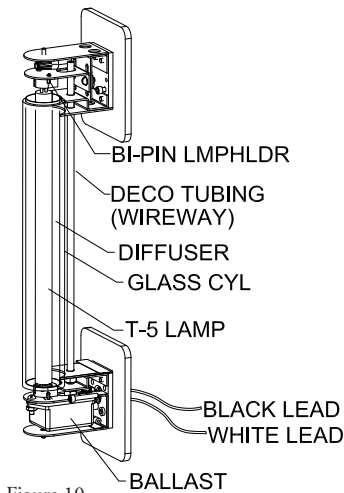


Figure 10

Step 7 Make wire connections to the primary powered (ballast end) fixture assembly using twist-on connectors: connect the black fixture wire to the hot supply wire (typically black); connect the white fixture wire to the neutral supply wire (typically white); connect the green fixture wire to the ground wire or ground terminal at the outlet box. Push all connections inside of outlet box. Align the powered (ballast end) fixture assembly to the mounting bracket and fasten with socket cap screws. (See Figure 7)

Step 6 Carefully feed the yellow supply wire through the decorative stem and align the fixture assembly to the remaining mounting bracket and assemble. This wire supplies power to the lamp holder from the ballast. Be careful not to damage the insulation on the wire during assembly as this could cause a direct short and result in damage. It may be necessary to loosen and slide the adjustable lamp holder bracket to gain access to the wall mount screws. (See Figure 9)

Step 7 Securely fasten the upper back plate. Secure the decorative tubing into position with nuts. Use wire connector to connect the yellow lamp holder wires to the yellow supply wire that has been routed up through the decorative stem. (See Figure 9)

Step 8 Install T-5 lamp per proper lamping specifications into the lamp sockets and adjust the lamp holder bracket so as to provide a minimum clearance of .030" (approx. 1/32") of gap between the lamp and socket at each end of the lamp. (See Figure 11) Once proper adjustment has been achieved, tighten screws to secure lamp holder into position and remove T-5 lamp. (See Figure 11)

Step 9 Install the glass, internal filter and lamp. Carefully place the T-5 lamp through the center of the glass cylinder and internal filter. Align the cylinder so that the seam of the internal filter faces towards the wall. Position the T-5 lamp pins into the lamp holder socket at both ends and turn to lock into position.

Step 14 Install the fixture cover housings and decorative caps. (See Figure 12)

Step 15 Restore power to circuit and confirm proper installation.

INSTALLATION NOTES: There are two sizes of mounting brackets available, the smaller mounting bracket is used with the decorative fixture back plates and will allow for this fixture to be mounted directly to an outlet box and conceal the outlet box behind the back plate. (See Figure 13)

The larger mounting bracket is available for use with mirror mounted applications. The larger mounting bracket provides a larger mounting surface and additional mounting locations for greater versatility.

\*\* See next page for detailed Mirror Mounting installations.



Figure 11



Figure 12

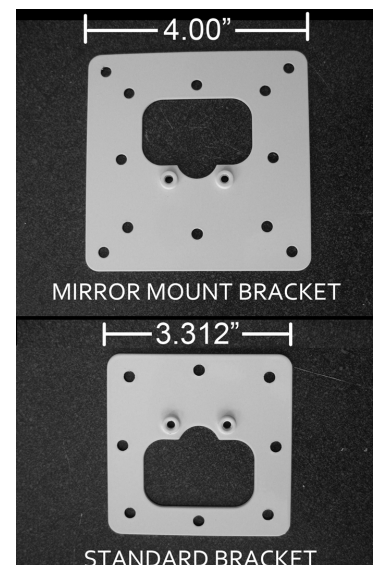


Figure 13

### Mirror Mount Installation:

For a mirror mounted installation, remove the retainer screws and the decorative back plate from the housing assembly. (See Figure 1)  
The mounting bracket will be installed at the outlet box behind the mirror or similar structure. (See Figures 2 and 3)

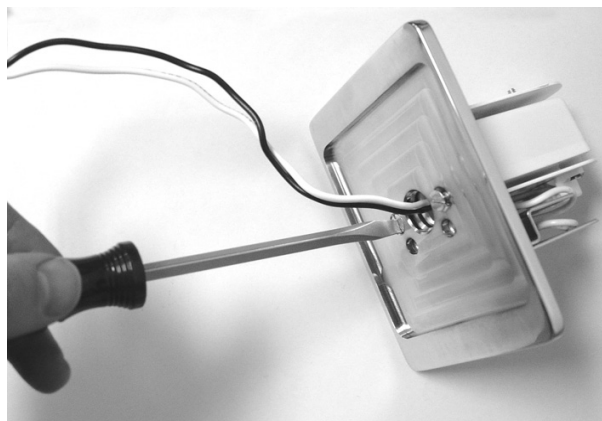


Figure 1

It will be necessary to provide a method of attachment for the mounting brackets to a substrate behind the mirror installation.

The hardware that attaches the I-wall fixture to the mounting bracket and the wires that provide power to the ballast will require access via the recommended 1-1/2" holes that are to be cut through the mirror.

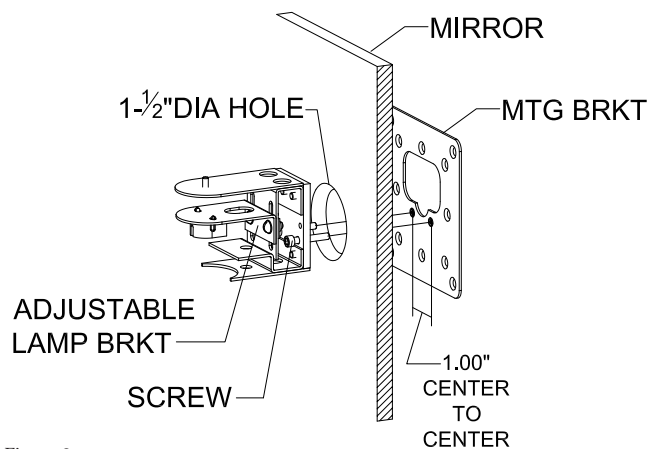


Figure 2

See illustrations below for accurate hole placement depending upon the catalog number of the lighting fixture that you are preparing to install.

Note: The orientation of the mounting brackets are critical.

Please Note: This fixture design allows for some adjustments of the lamp holder position, this provides for some flex-ability in the distances between the upper and lower assemblies but will only allow for approx. 1/2" to 3/4" max.

### C-10138-40 I-WALL MIRROR MOUNT DETAIL

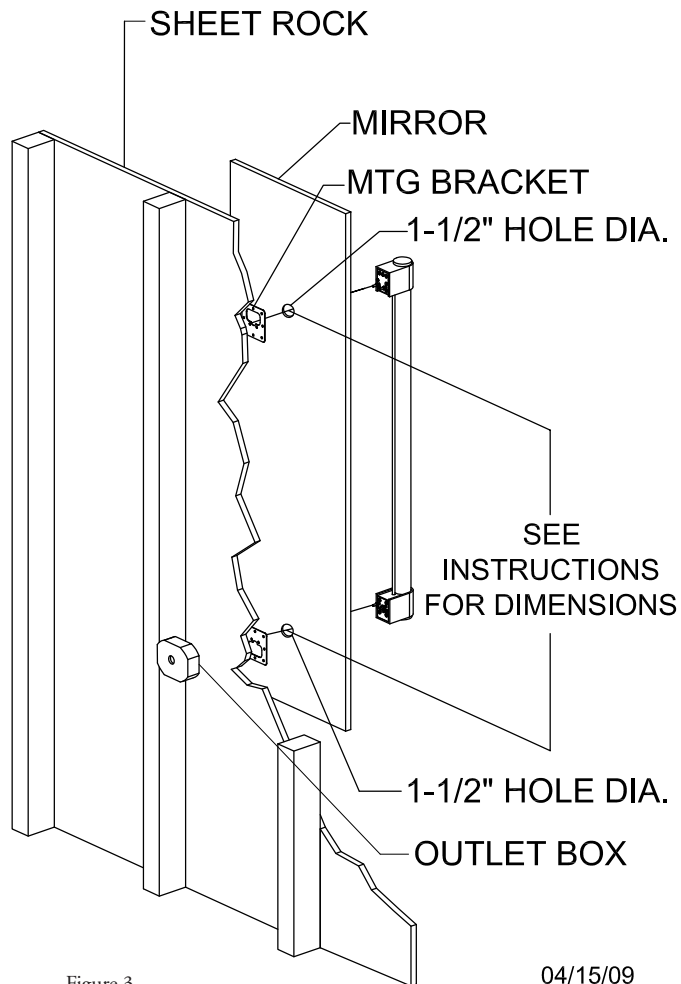
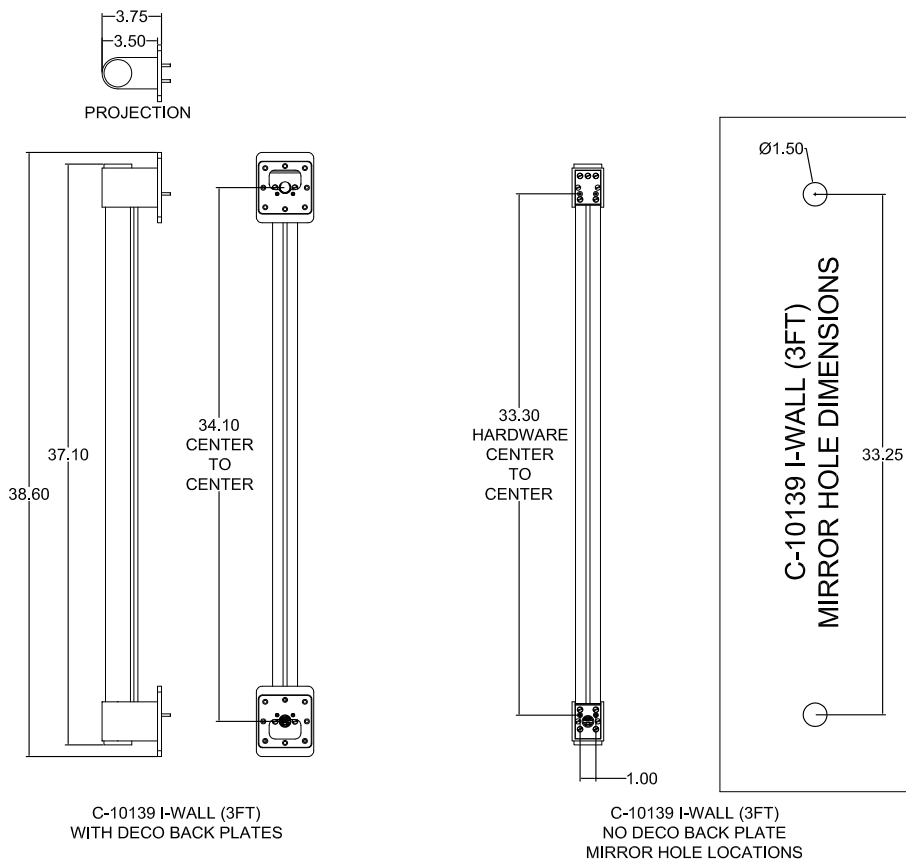
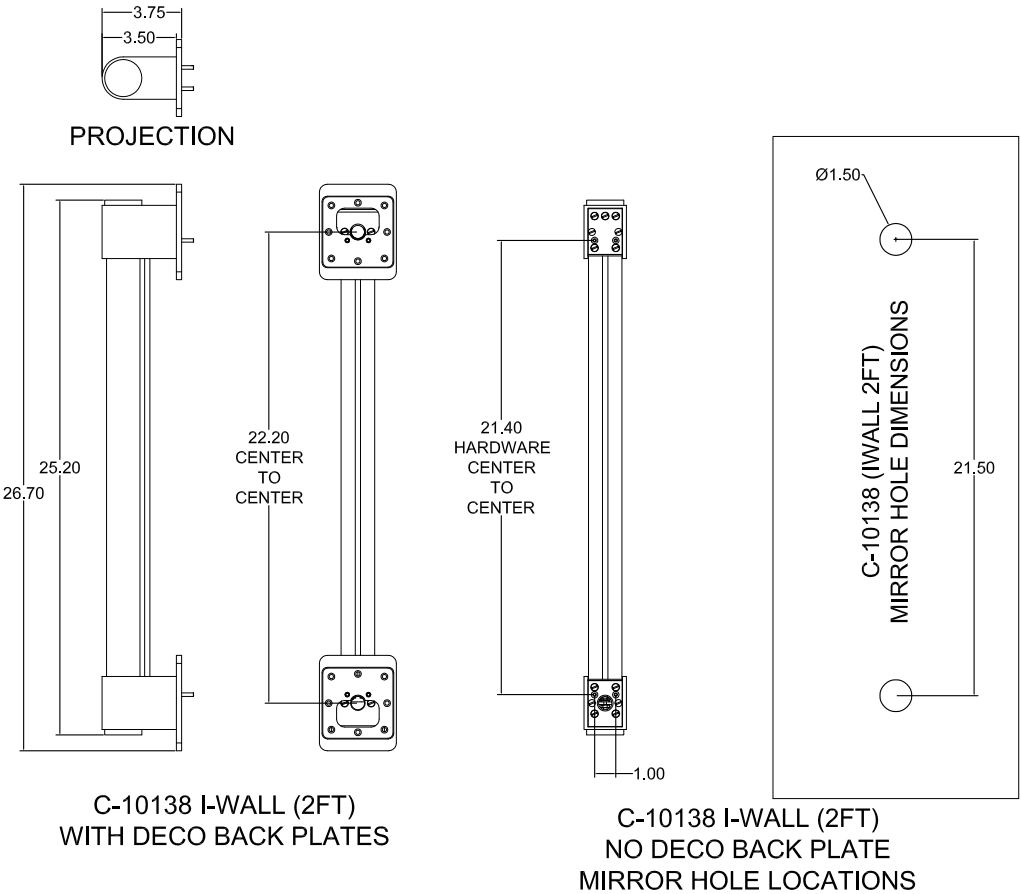


Figure 3

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