

WARNING: For your safety, read and understand instructions completely before starting installation. Luminaires must be installed by a qualified electrician (check with local and national codes for proper installation). To prevent electrical shock, disconnect electrical supply before installation or servicing.

WARNING: Risk of fire. Do not install insulation within 3 inches of fixture sides or wiring compartment, nor above fixture in such a manner as to entrap heat. Contractor is responsible for adequately reinforcing walls and/or ceilings to support the luminaire weight. Bartco Lighting accepts no responsibility for inadequately reinforced walls and/or ceilings.

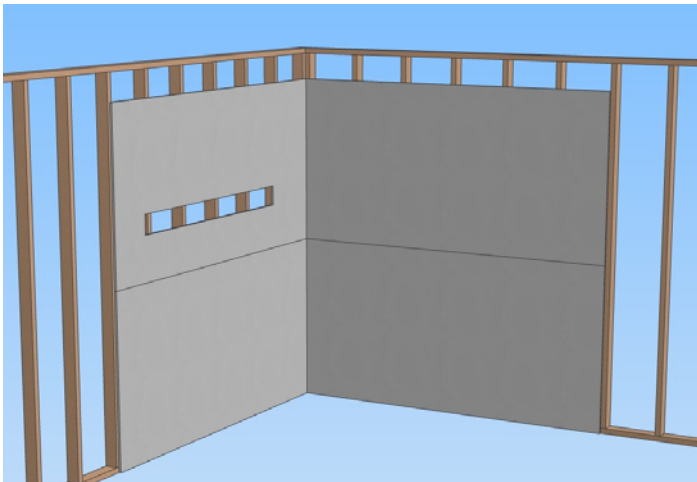


figure 1 - Opening in wall

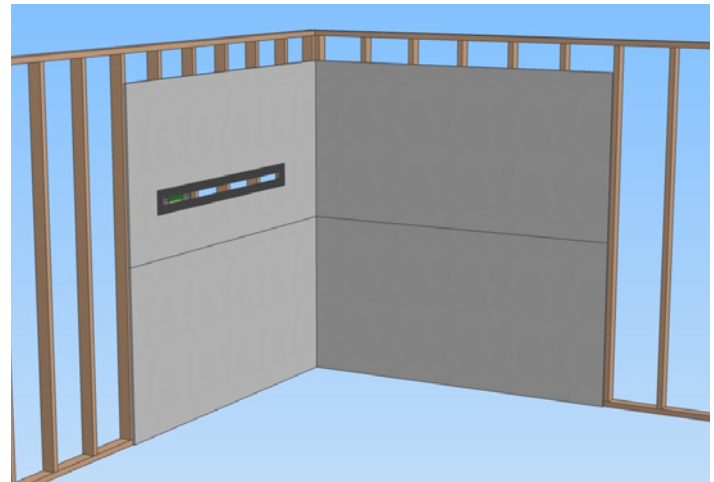


figure 2 - Test fit fixture

1. Cut opening in wall 5-1/2" wide by proper length to fit the selected fixture. (to determine proper opening length, deduct 1" from the overall fixture length). *fig. 1*
 2. Make small marks on wall to identify the centers of all the studs along the opening.
 3. Remove lens from fixture and set aside.
 4. Remove the LED assembly by unscrewing the four Allen head screws located at each corner, and set aside. Do not remove the hex nuts.
 5. Insert fixture housing into wall opening. *fig. 2*
- NOTE: If the center of a framing member is not within 4" from a fixture end, install an additional piece of bracing (see vertical orientation recommendations on page 3).
6. If the driver box interferes with a wall stud, simply remove screws holding it in place and relocate

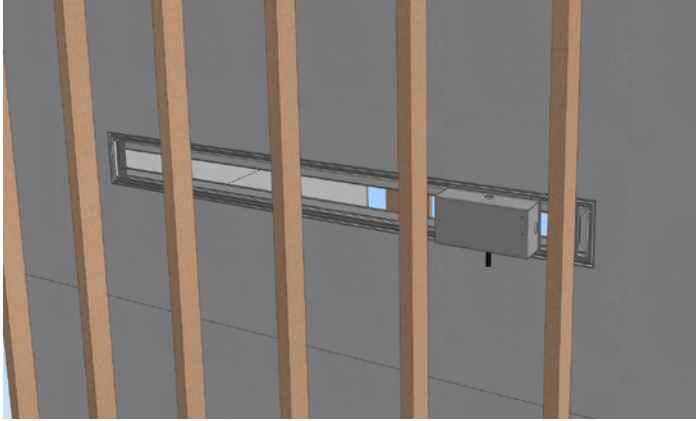


figure 3 - Driver box relocated to clear wall studs

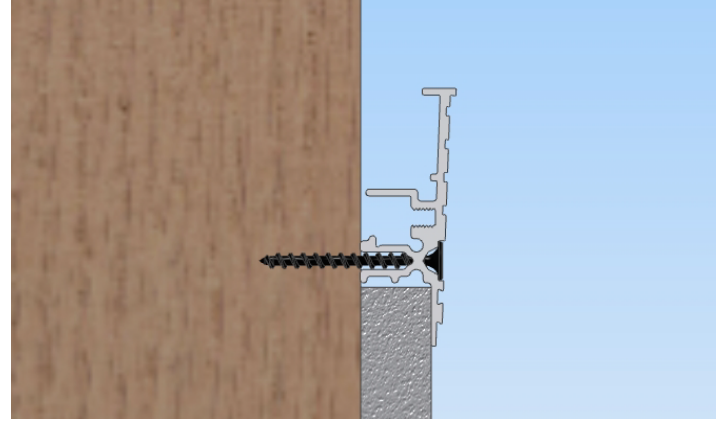


figure 4 - Drill holes through the mounting groove

to a new position where it will clear the wall studs.

fig. 3

7. Once the fixture is in the wall opening, transfer all the marks to the fixture extrusion at the mounting groove

8. Drill 5/32" diameter holes through the mounting groove, in line with the marking locations. *fig. 4*

9. Bring fixture close to its final location and make primary voltage electrical connection to the driver.

10. Secure fixture to wall with drywall screws using the holes in the frame. *fig. 4*

11. Bring LED assembly next to fixture and make the low voltage electrical connection to the driver. *fig. 5*

12. Secure LED assembly with the four previously removed Allen head screws.

13. Test fixture.

14. Protect lens with plastic or painters tape and install into fixture. *fig.6*

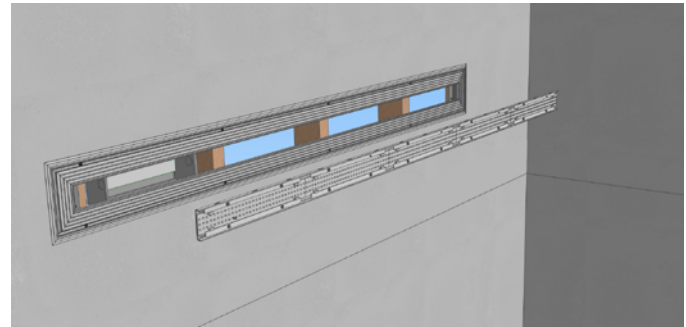


figure 5 - Mounted fixture housing with LED assembly removed

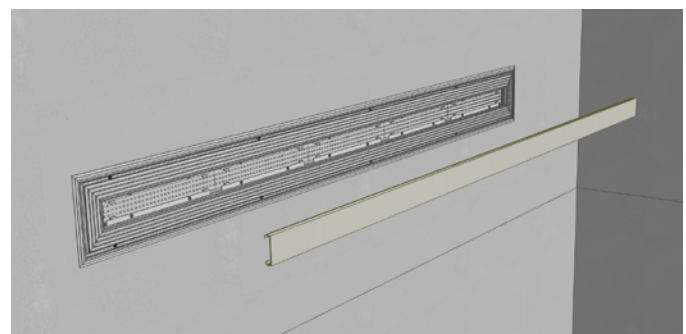


figure 6 - Mounted fixture assembly with lens removed

15. Affix fiberglass mesh tape along the perimeter of fixture.
16. Apply plaster in a manner to create a smooth transition from the fixture aperture to the wall surface. NOTE: For best flush appearance, allow a minimum of 2-1/2" of wall surface beyond the fixture edges.
17. Sand smooth, prime and paint.
18. Remove lens from fixture and remove its protective material.
19. Reinstall lens.

FOR INSTALLING FIXTURE IN A VERTICAL ORIENTATION

New Construction: Install horizontal wall studs in 16" spacing in between the vertical studs *fig. 8*

Existing Walls: Insert 2x4 wood studs through the wall opening in 16" spacing and rotate horizontally and secure to drywall with screws. *fig. 9*



figure 7 - Complete fixture ready for plaster work

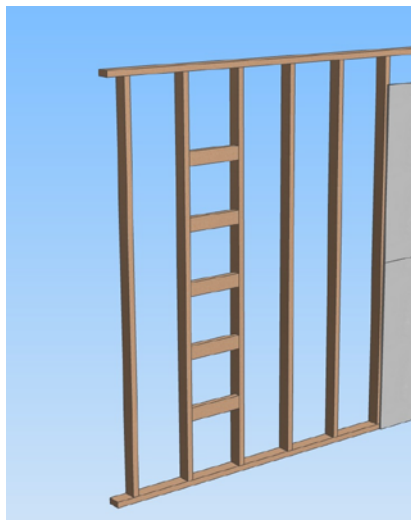


figure 8 - New construction

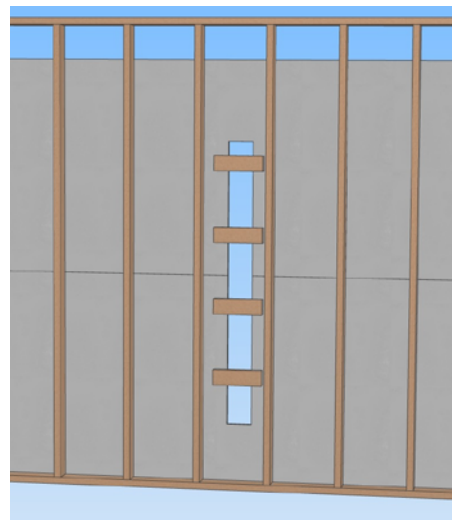


figure 9 - Existing wall