• All power connections should be installed according to local/national codes by a Certified Electrician.
• This installation requires proper support as each luminaire is being installed.

NOTES

HELPFUL VIDEO

0-10V Dimming
Aircraft Cable Installation - Lit
Aircraft Cable Installation - Unlit

Overview

Step 1
Mounting & Suspension
Page 2

Step 2
Identification & Preparation
Page 3

Step 3
Mounting Illuminated Unit to Structure
Pages 4-5

Step 4
Closing Luminaires
Page 6

Mounting Non-Illuminated Unit to Structure
Page 7

Regressed Luminaires Use Same Instructions

This is a hypothetical build to show the capabilities of this luminaire family and mount type. Your build may vary.
HP-2 Acoustic Baffle Lit & Unlit Installation Instructions

Step 1 - Mounting & Suspension

Mounting Options

Option 1
T-Bar Mounting - GridBox™ and Caddy Clips

- Illuminated Unit Only: Install GridBox™ and electrical conduit at feed locations.
- Install caddy clips at mounting point locations.
- All caddy clips are to be secured to structure, per local building codes.

Option 2
Drywall (C4) or other hard surfaces* - J-Box and Anchor Bolts

- Illuminated Unit Only: Install J-Box and electrical conduit at feed locations.
- Install anchor bolts at mounting point locations.
- All anchor bolts are to be secured to structure, per local building codes.

* Other hard surfaces include: wood, sheet metal panels, steel beams, concrete, or masonry. Use hardware appropriate for each surface material type.

Suspension Locations

X = Suspension Dimensions

Refer to Record Drawings and building plans to determine exact mounting, suspension points, and power feed locations.

Mounting Option 1

GridBox™ (provided)  Caddy Clip (provided)

Mounting Option 2

J-Box (by others)  1/4”-20 Anchor Bolt (by others)
A. Identify Luminaires

CAUTION

- Identify all luminaires by their ID label that can be found on the box, the protective bag, and inside the luminaire.
- NOTE: Exact location of labels in these areas may vary.
- Remove all luminaires from their box.
- Refer to Record Drawings that can be found in the hardware kit.

B. Remove Diffusers

- Carefully remove all diffusers, keeping them inside their protective bag.
- Set aside all diffusers to prevent them from getting dirty or damaged.
- Ensure diffusers can be clearly identified back to their corresponding luminaire.

C. Setup

- Remove Acoustic wrap from fixture to install suspension hardware.

Kitted Hardware

- Finelite has provided items listed here, with their Finelite part numbers. These items can be found in separate boxes shipped with the luminaire.
- Account for all parts and set aside until they are needed.
- All other hardware needed for this installation will be by others.

**CAUTION**

Arrange luminaires in order according to ID# at their install locations.

---

**Mounting Option 1**

- **GridBox™**
  - Part#: 94019
  - Mounting & Suspension
  - p. 2, Step 1

- **Caddy Clip**
  - C1 Ceiling - Part#: 94020
  - C2 Ceiling - Part#: 94021

**Mounting Option 2**

- **3-1/2” Canopy**
  - Part#: 94019
  - Mounting & Suspension
  - p. 2, Step 1

- **3-1/2” Dual Feed Canopy**
  - Part#: 94020
  - Mounting & Suspension
  - p. 2, Step 1

- **3-1/2” T-Bar Support Canopy**
  - Part#: 94021
  - Mounting & Suspension
  - p. 3, Step 2

- **5” Canopy**
  - Part#: 94022

- **5” Dual Feed Canopy**
  - Part#: 94023

- **2” Drywall Support Canopy**
  - Part#: 94027

- **Gripper**
  - Part#: 94028
  - Mounting Illuminated Unit
  - p. 4-5, Step 3

- **Safety Bar**
  - Part#: 94029
  - Mounting Illuminated Unit
  - p. 4-5, Step 3

- **Safety Crimp**
  - Part#: 94030
  - Mounting Illuminated Unit
  - p. 4-5, Step 3

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**Cable Bushing**

- **Aircraft Cable**
  - Part#: 94515
  - 50’ - Part#: 94515-12 (Std.)
  - 100’ - Part#: 94515-14
  - 150’ - Part#: 94515-18

- **1/4” Washer**
  - Part#: 94520
  - Mounting Non-Illuminated Unit to Structure
  - p. 7

- **Screw**
  - Part#: 94526
  - Mounting Non-Illuminated Unit to Structure
  - p. 7
**Step 3 - Mounting Illuminated Unit to Structure**

### A. Install Aircraft Cables

- **Attach grippers onto threaded stud.**
- **Feed the aircraft cable through gripper.**

### B. Crimp Cables

**Top-Down View**

- **Estimate required length of cable and add 8".**
- **Loop cable through safety crimp and safety bar, then back through safety crimp.**
- **Crimp, then cut excess cable.**
- **Slide acoustic baffle onto luminaire. Aircraft cable exits through the top of acoustic baffle**

**OPTIONAL Flexible Mount**

Pendant brackets are adjustable for custom mounting locations.

- **NOTE:** Minimum 6" from end of housing to threaded stud on pendant bracket.
- **Maximum distance depends on length of luminaire (see table).**

<table>
<thead>
<tr>
<th>Luminaire Length</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' - 8'</td>
<td>24&quot;</td>
</tr>
</tbody>
</table>

**Endcap**

- **Min. 6"**

**Threaded Stud**

- **Min. 6"**

**Luminaire**

**Flexible Mounting Bracket**

- **Bracket Screw**

**Aircraft Cable**

**Gripper (provided)**

**Threaded Stud**

**Luminaire**

**OPTIONAL Flexible Mount**

- **Mounting Option 1 (shown)**
  - 3-1/2" Canopy (provided)
  - 2" T-Bar Support Canopy (provided)
- **Mounting Option 2**
  - 5" Canopy (provided)
  - 2" Drywall Support Canopy (provided)

**Bushing/Cable Assembly (provided)***

**Gripper (provided)**

**Safety Crimp (provided)**

**Safety Bar (provided)**

**Slip Ring w/ Set Screw (provided)**
HP-2 Acoustic Baffle Lit Installation Instructions

Step 3 - Mounting Illuminated Unit to Structure

C. Mount Illuminated Unit to Structure

- Slide canopy appropriate for electrical type onto mounting bolt (anchor bolt or caddy clip bolt).
- (Option 2) Thread the slip ring onto bushing.
- Thread the bushing/cable assembly onto mounting bolts.
- While properly supporting luminaire, maneuver luminaire to ceiling.
- Level each luminaire to desired height by depressing top of gripper to adjust cable length.

D. Mounting Illuminated Unit to Structure

WIRING LEGEND

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Hot</td>
</tr>
<tr>
<td>White</td>
<td>Neutral</td>
</tr>
<tr>
<td>Green</td>
<td>Ground</td>
</tr>
<tr>
<td>Grey</td>
<td>Dimming 0-10V DC</td>
</tr>
<tr>
<td>Purple</td>
<td>Dimming 0-10V DC</td>
</tr>
</tbody>
</table>

- (Option 1) Feed power cord through the 3-1/2" canopy and connect wires inside the GridBox™.
- (Option 2) Feed power cord through the 5" canopy and connect wires inside the J-Box.

Bottom-Up View

3-1/2" Canopy (provided)
2" T-Bar Support Canopy (provided)
5" Canopy (provided)
2" Drywall Support Canopy (provided)
Slip Ring w/ Set Screw (provided)
Bushing/Cable Assembly (provided)
Support Canopy (provided)
Mounting Bolt (see options, p.2)
Depress to release locking mechanism

Option 1
GridBox™

Option 2
J-Box

5" Canopy (provided)
3-1/2" Canopy (provided)
**Replace Diffusers** Bottom-Up View

- **NOTE:** If your installation includes a battery backup, please see addendum (98333) that should be included with your kitting package.
- Peel off wax backing from double sided tape, which is located on the internal side of acoustic baffle, and apply pressure firmly onto luminaire. For easier access to tape, lift the acoustic sleeve up above the luminaire.
- Remove diffuser from protective plastic bag.
- **CAUTION:** Wear gloves to keep diffuse surface clean.
- **CRITICAL:** Be sure to install correct diffuser to its corresponding luminaire ID.
- Install diffuser into luminaire body, ensuring it snaps into place.
- Turn on power to luminaires.
Mount Non-Illuminated Unit to Structure

- Feed the aircraft cable through gripper.
- Add screw washer to bottom of gripper.
- Estimate required length of cable and add 8".
- Loop cable through safety crimp and safety bar, then back through safety crimp.
- Crimp, then cut excess cable.
- While properly supporting baffle, maneuver baffle to ceiling.
- Thread the bushing/cable assembly onto mounting bolts.
- Slide support canopy onto mounting bolt (anchor bolt or caddy clip bolt).
- Level each baffle to desired height by depressing top of gripper to adjust cable length.

* Refer to pg.4 for safety bar install