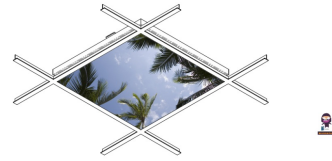AMICO 2X2 FT. ILLUMINATED IMAGE CEILING PANEL

Amico 2×2 ft. Illuminated Image Ceiling Panel Installation Guide

Contents

Amico 2×2 ft. Illuminated Image Ceiling Panel

Specifications:

- **Product Name:** 2′ x 2′ Illuminated Image Ceiling Panel for MRI Applications
- **Manufacturer:** Amico Lights Corporation
- **Model Number:** 1-07-000322 – IDP22 with Riser
- **Size**: 2′ x 2′
- **Application**: MRI Applications

Product Usage Instructions

Installation:

Warning: Fixtures should be supported independently of the ceiling grid. Ceiling structure should be installed to withstand a load rating of 4lbs/sqft. Ceiling mains at the IDP area to be run every 24in. and ceiling grid mains should be ran the shortest distance possible.

Step-by-Step Installation Guide:

1. Turn off the power supply.
2. Place the provided Image Panel into the existing ceiling grid as shown in Diagram 1. Ensure correct configuration and glossy side facing the room side.
3. Place the riser on to the ceiling grid above the Image Panel with the narrower opening facing the room side.
4. Place the IDP22 into the riser aligning the junction box with the incoming supply wire and other luminaires.
5. Wire the IDP22 per the Electrical Connections section.
6. Turn on the power supply.

Electrical Connections:

Step-by-Step Wiring Instructions:

1. Remove the Junction Box cover.
2. Make the following Electrical Connections as per the provided diagram.

Important Safety Instructions

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

Read And Follow All Safety Instructions

1. **Warning**: This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
2. **Warning**: This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
3. **Warning**: This equipment is not for use in hazardous combustible atmospheres as defined by the National Electrical Code.
4. **Danger**: Risk of shock – Disconnect power before installation.
5. Type Non-IC Recessed. Garnitures de type Non-IC.
6. Inherently protected.
7. Dry locations only. Pour emplacements secs seulement.
8. Access above the ceiling is required.

Save These Instructions For Future Reference

Installation

Warning: Fixtures should be supported independently of the ceiling grid. Ceiling structure should be installed to withstand a load rating of 4lbs/sqft. Ceiling mains at the IDP area to be run every 24in. and ceiling grid mains should be ran the shortest distance possible.

NOTE: There are multiple configurations possible for the IDP. Illustrated below is an example of a standard 2' x 2' installation. IDP's can be arranged in arrays of various shapes using multiple panels. Questions with a specific installation should be directed to the Customer Site Installation drawings or to your Sales Representative.
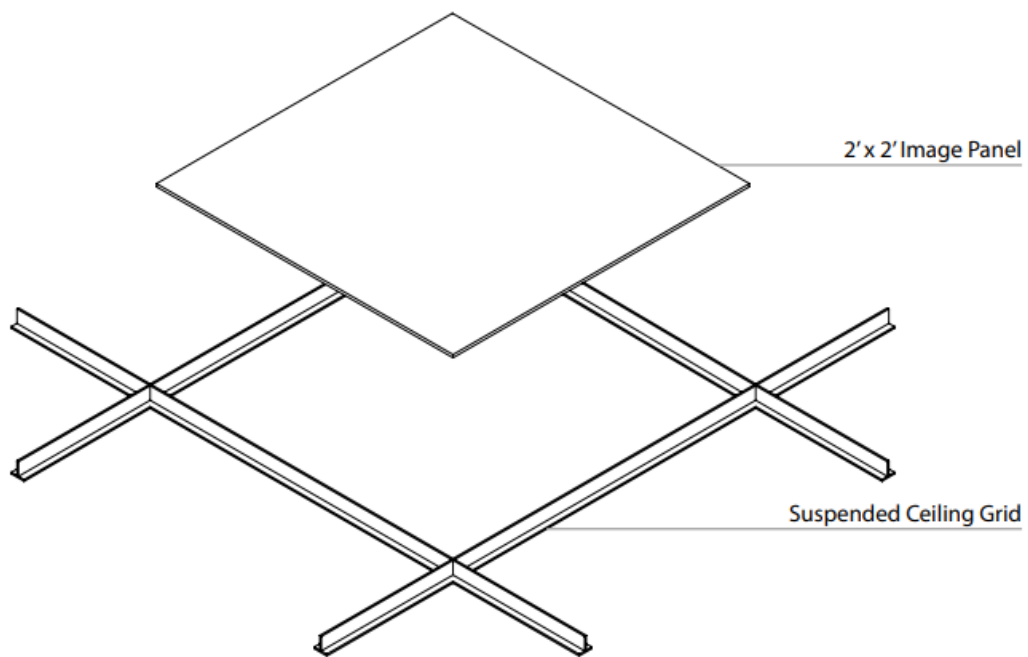
1. **Step 1:**

   Turn off the power supply.
2. **Step 2:**

   Place the provided Image Panel into the existing ceiling grid as shown in Diagram 1. If there is more than one image, ensure they are laid out in the correct configuration and the glossy side of the image is facing the room side.
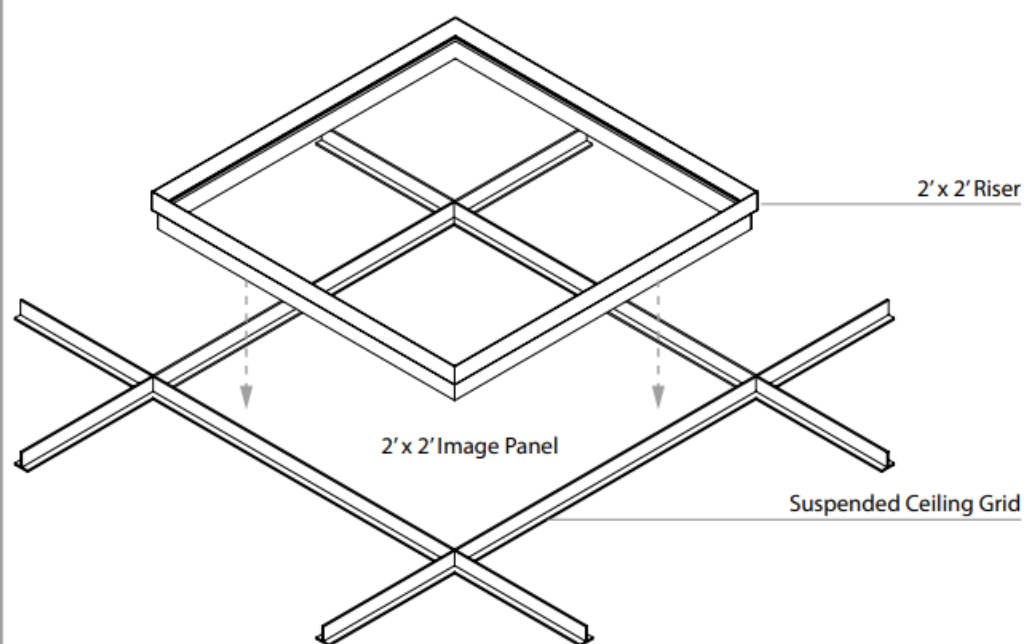
Diagram 1 - Install Image Panel

2' x 2' Image Panel

Suspended Ceiling Grid

3. **Step 3:**

Place the riser on to the ceiling grid above the Image Panel with the narrower opening facing the room side as shown in Diagram 2.
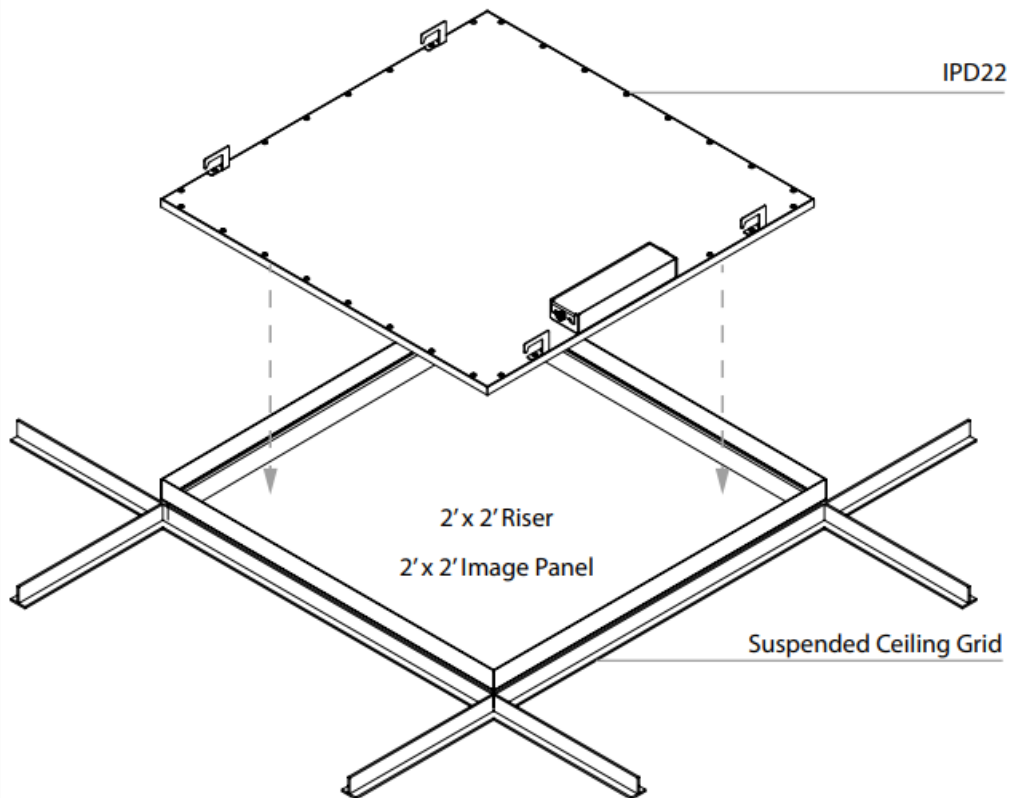
Diagram 2 - Install Riser

2' x 2' Riser

2' x 2' Image Panel

Suspended Ceiling Grid

4. **Step 4:**

Place the IDP22 into the riser as shown in Diagram 3 aligning the junction box with the incoming supply wire and the other luminaires if applicable.

Diagram 3 - Install IDP22

IPD22

2' x 2' Riser

2' x 2' Image Panel

Suspended Ceiling Grid

5. **Step 5:**

   Wire the IDP22 per the Electrical Connections section.

6. **Step 6:**

   Turn on the power supply

Electrical Connections

1. **Step 1:**

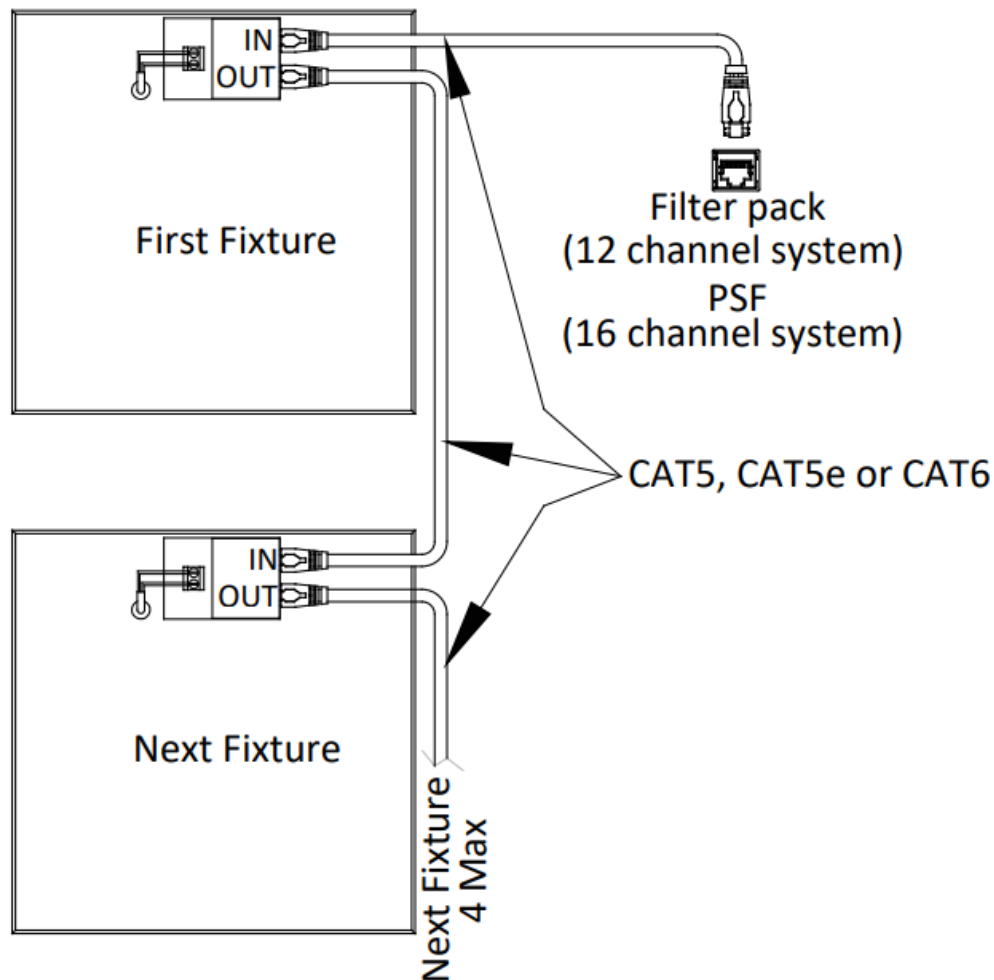   Remove the Junction Box cover.

2. **Step 2:**

   Make the following Electrical Connections.

ETHERNET WIRING:

1. Connect the CAT5, CAT5E or CAT6 Ethernet Cable from the filter pack when using a 12 Channel Driver or from the output port when using a PSF16 to the "In" port in the junction box.
2. Connect the CAT5, CAT5E or CAT6 Ethernet Cable from the "Out" port of the first luminaire to the "In" port of the next Ethernet luminaire.
3. All wires must be terminated to Standard T568B on both ends.

4. Four (4) luminaires maximum per CAT output from 12/16 Channel Driver.

Directive 2012/19/EU (WEEE – Waste Electrical and Electronic Equipment): Information for Users
This product complies with EU Directive 2012/19/EU. The crossed-out wheeled bin symbol on the article means that at the end of its useful lifespan, this product must not be disposed of with your other household or municipal waste. This product has required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment if not properly disposed of. In order to avoid the dissemination of those substances in our environment and to diminish the pressure on natural resources, the user is responsible for delivering the appliance to an appropriate collection facility at the end of its useful lifespan. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information on available collection facilities contact your local waste collection service or the place of purchase.

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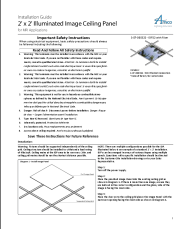
FAQ

Q: Can I install multiple panels in an array configuration?
A: Yes, multiple panels can be arranged in arrays of various shapes using multiple panels. For specific installation configurations, refer to Customer Site Installation drawings or consult your Sales Representative.

Q: What is the maximum load rating for the ceiling structure?
A: The ceiling structure should be installed to withstand a load rating of 4 lbs/sqft at the IDP area.

Documents / Resources

Amico 2x2 ft. Illuminated Image Ceiling Panel [pdf] Installation Guide
1-07-000322, 1-07-000321, 2x2 ft. Illuminated Image Ceiling Panel, 2x2 ft. Ceiling Panel, Illuminated Image Ceiling Panel, Ceiling Panel, Panel

References

- 𝒜 **Amico Group of Companies | Home Page**
- **User Manual**