

Amico RGB LED Illuminated Image Wall Fixture Installation Guide

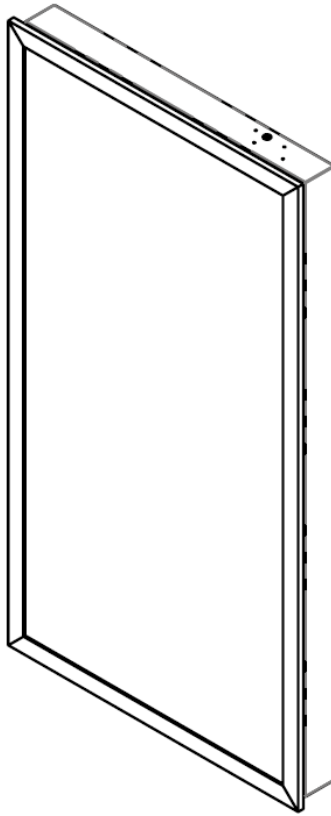
[Home](#) » [Amico](#) » Amico RGB LED Illuminated Image Wall Fixture Installation Guide 

Contents

- [1 Amico RGB LED Illuminated Image Wall Fixture](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 FAQ](#)
- [5 Important Safety Instructions](#)
- [6 Installation](#)
- [7 Electrical Connections](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



Amico RGB LED Illuminated Image Wall Fixture



Product Information

- **Product:** RGB LED Illuminated Image Wall Fixture
- MRI Compatible
- For dry locations only.

Product Usage Instructions

Installation

1. Turn off the power supply.
2. Create a rough opening in the intended mounting location. The rough opening should be 4 1/2 inches from the finished floor for a standard 4" toe kick. Refer to Table 1 for the correct rough-in dimensions.
3. Remove the removable frame assembly by lifting it up and off of the latch clips. Set the assembly aside in a safe place.
4. Remove the Phillips head screws securing the mounting frame and secondary lens to the wall box. Ensure safety when removing these parts and set them aside safely.

Mounting

1. Secure the luminaire to the intended mounting surface with screw or bolt-type fasteners through the 6 mounting holes located on the rear surface of the luminaire housing. Ensure screws do not penetrate the shielding material.
2. If mounting through the sides of the luminaire housing is necessary, appropriately sized holes may be drilled through the side walls, and the luminaire housing may be secured to the mounting surface with screw or bolt-type fasteners. A minimum of 6 fasteners is recommended.

FAQ

Q: Can this product be installed in wet locations?

A: No, this product is designed for dry locations only.

Q: How far should insulation be kept away from this luminaire during installation?

A: Do not install insulation within 76 mm (3 inches) of any part of this luminaire.

Q: Is professional installation recommended for this product?

A: It is recommended to consult a professional for installation to ensure proper setup and safety.

Important Safety Instructions

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

Read And Follow All Safety Instructions

1. **Warning:** This luminaire must be installed by the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
2. **Warning:** This equipment is not for use in hazardous combustible atmospheres as defined by the National Electrical Code.
3. **Danger:** Risk of shock – Disconnect power before installation.
4. Do not install insulation within 76 mm (3 in) of any part of this luminaire.
5. Dry locations only.
6. Access behind the wall is required.
7. Inherently protected.
8. This luminaire must be mounted or supported independently of an outlet box.

Save These Instructions For Future Reference.

Installation

Table 1 – Dimensions

Part Number	Rough-in Dimensions	Cutout Dimensions	
		Width (inches)	Height (inches)
1-07-000013	See Diagram 1	47"	89"
1-07-000140	See Diagram 1	47"	89"
1-07-000141	See Diagram 1	47"	89"
1-07-000142	See Diagram 1	47"	89"
1-07-000143	See Diagram 2	23"	89"
1-07-000144	See Diagram 2	23"	89"
1-07-000145	See Diagram 2	23"	89"
1-07-000150	See Diagram 2	23"	89"

- **Step 1:**

Turn off the power supply.

- **Step 2:**

Create a rough opening in the intended mounting location. The rough opening should be 4 1/2" from the finished floor for a standard 4" toe kick. Reference to the table determines the correct rough in Table 1.

- **Step 3:**

Remove the removable frame assembly by lifting it up and off of the 8 latch clips. Refer to Diagram 3. Set the assembly aside in a safe and clean place.

- **Step 4:**

Remove the 22 Phillips head screws securing the mounting frame and secondary lens to the wall box.

- **NOTE:** Ensure safety when removing the mounting frame and secondary lens. Refer to Diagram 4. Set the mounting frame and secondary lens aside in a safe and clean place.

Diagram 1 - 4' x 8' Rough-In Dimensions

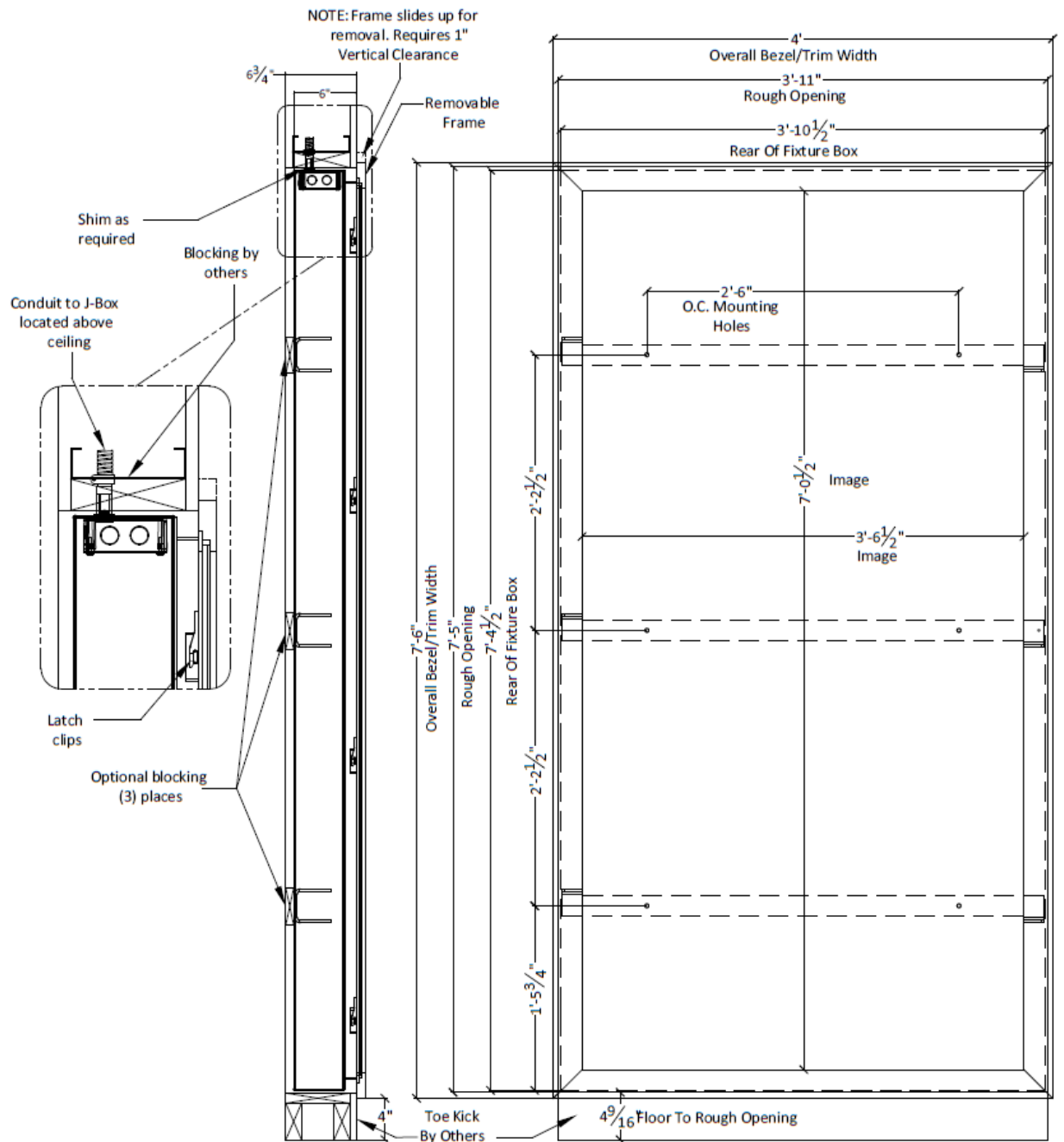
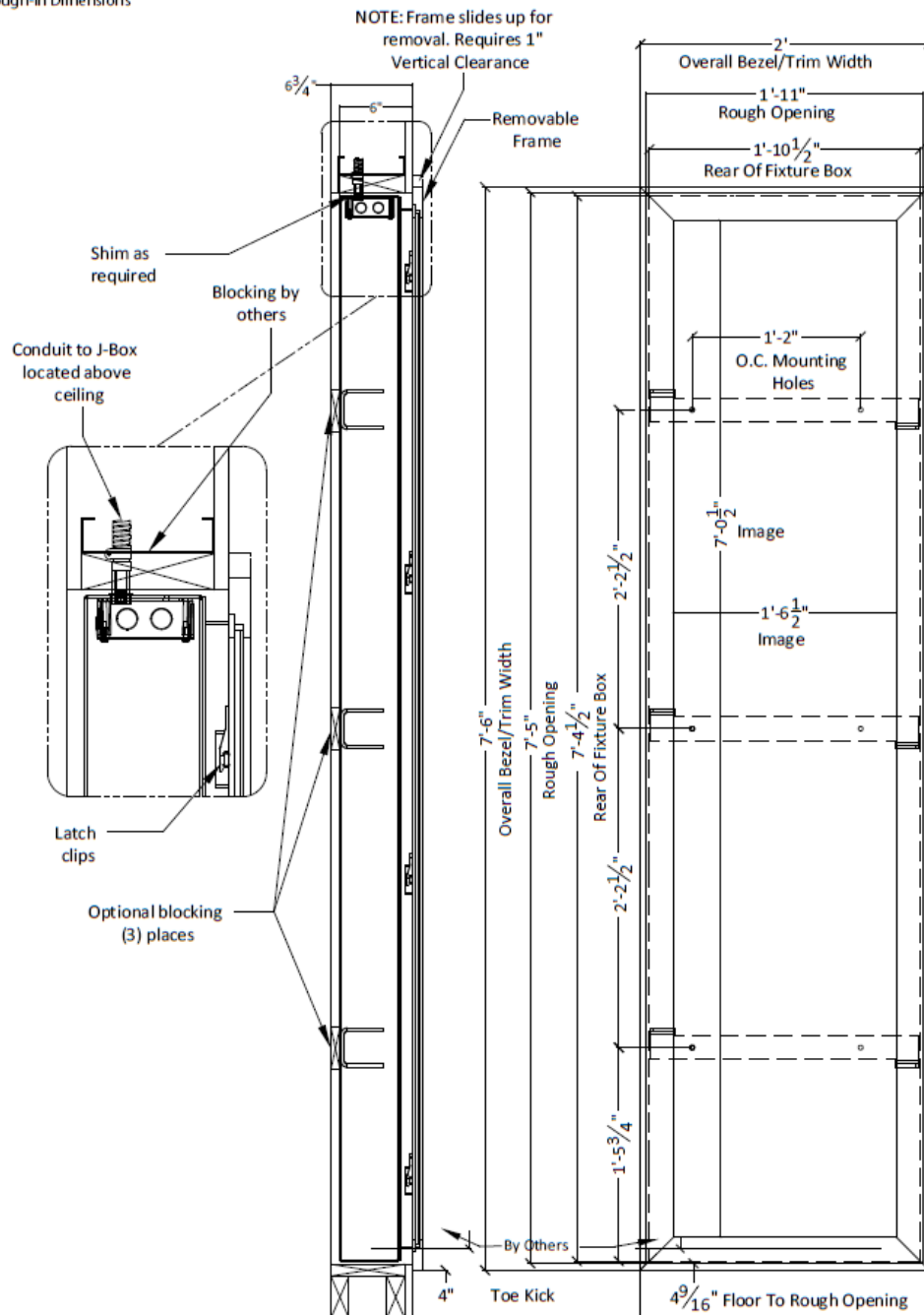


Diagram 2 - 2' x 8' Rough-In Dimensions



• **Step 5:**

Secure the luminaire to the intended mounting surface with screw or bolt-type fasteners through the 6 mounting holes located on the rear surface of the luminaire housing. Screws should be sized to NOT penetrate the shielding material.

- **NOTE:** If mounting through the sides of the luminaire housing is necessary, appropriately sized holes may be drilled through the side walls and the Luminaire housing may be secured to the intended mounting surface with screw or bolt-type fasteners. A minimum of 6 fasteners is recommended.

• **Step 6:**

Remove the Junction box cover located within the mounting frame.

• **Step 7:**

Wire the luminaire per the Electrical Connections section.

• **Step 8:**

Replace the Junction box cover removed in Step 6.

• **Step 9:**

Replace the mounting frame and secondary lens removed in Step 4 ensuring all of the 22 screws are replaced.

- **Step 10:**

Replace the decorative lens assembly removed in Step 3.

- **Step 11:**

Turn on the power supply.

Diagram 3 - Decorative Lens and Frame

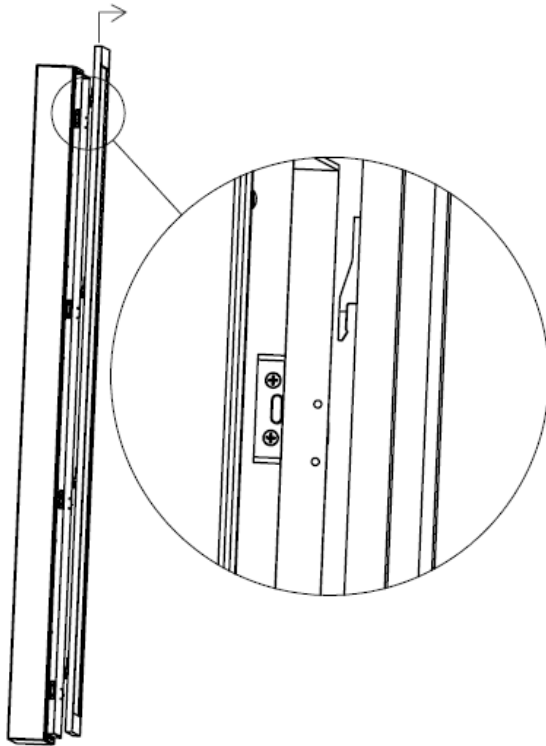
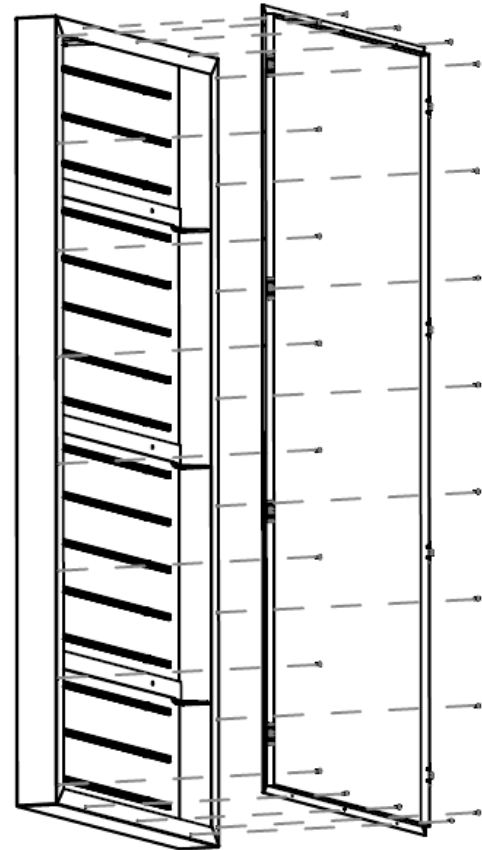


Diagram 4 - Mounting Frame, Secondary Lens



Mounting Frame Secondary Lens

Electrical Connections

- **Step 1:**

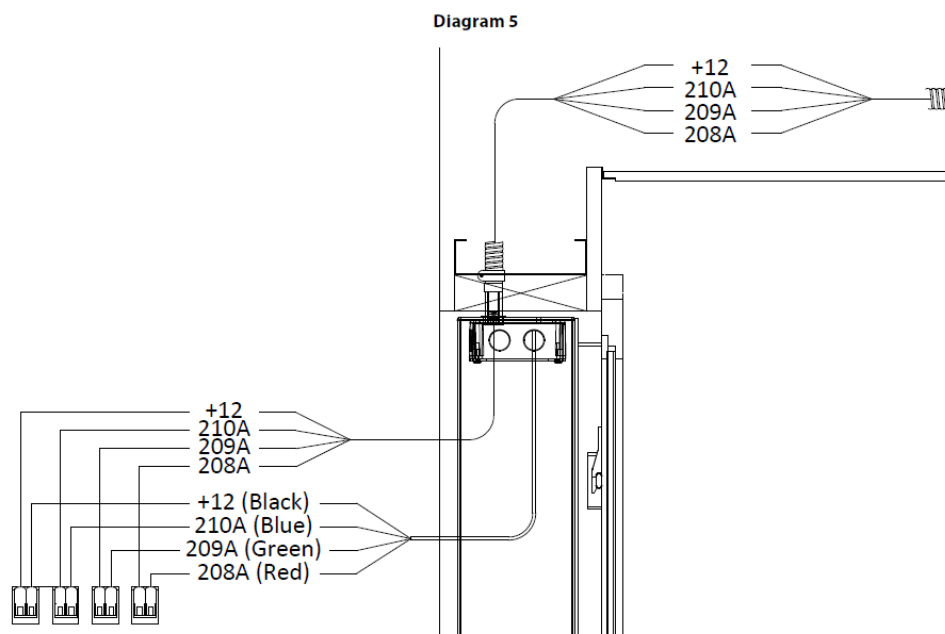
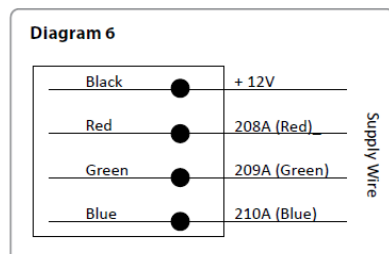
Using customer supplied UL Listed conduit, bring the minimum 12 Awg supply wire to the junction box located at the top of the luminaire housing

- **Step 2:**

Using 90°C minimum-rated wire connectors, terminate the supply wiring in the Junction Box.

RGB LED Illuminated Wall Fixture – Diagrams 5 and 6

1. Connect + 12V supply lead to the Black lead.
2. Connect – 208A Red supply lead to the Red negative lead.
3. Connect – 209A Green supply lead to the Green negative lead.
4. Connect – 210A Blue supply lead to the Blue negative lead.



Note:

If using the Linear RGB Controller, be sure to wire to a site-specific wiring diagram for proper current balancing.

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. 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.

Amico Lights Corporation

- 122-B East Beaver Creek Road, Richmond Hill, ON L4B 1G6, Canada
- Website: www.amico.com.
- Toll Free Tel: 1.877.462.6426
- Toll Free Fax: 1.866.440.4986
- Tel: 905.764.0800
- Fax: 905.764.0862

Documents / Resources

[Amico RGB LED Illuminated Image Wall Fixture](#) [pdf] Installation Guide

1-07-000013, 1-07-000140, 1-07-000141, 1-07-000142, 1-07-000143, 1-07-000144, 1-07-000145, 1-07-000150, RGB LED Illuminated Image Wall Fixture, RGB, LED Illuminated Image Wall Fixture, Illuminated Image Wall Fixture, Wall Fixture

References

- [🏠 Amico Group of Companies | Home Page](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.