

Installation Guide

Custom Ceiling Light

MRI Applications



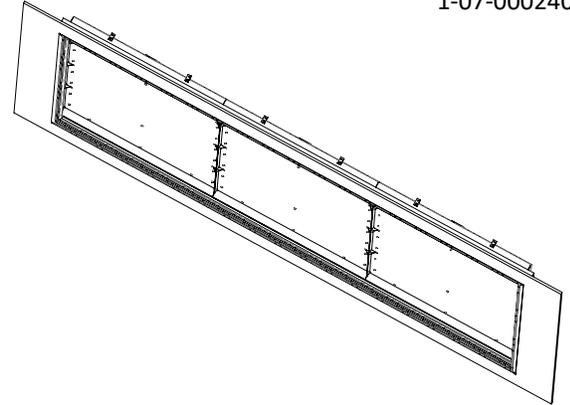
2548 Custom Ceiling Light
1-07-000240

Important Safety Instructions

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

Read And Follow All Safety Instructions

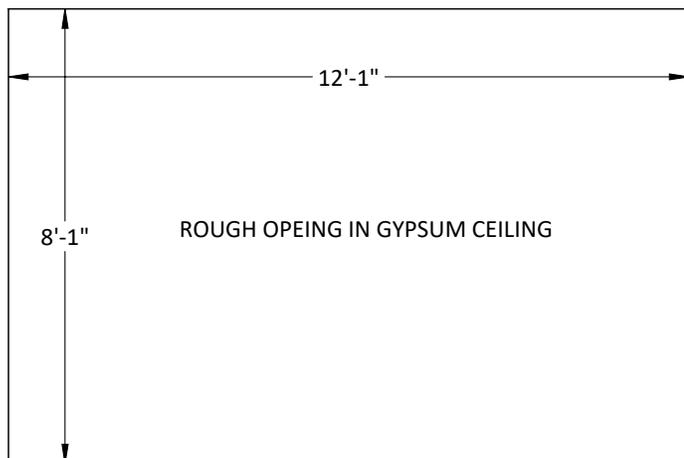
1. **Warning:** This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician. *Attention: Ce luminaire doit être installé conformément au NEC ou à votre code électrique local. Si vous n'êtes pas familier avec ces codes et exigences, consultez un électricien qualifié.*
2. **Warning:** This equipment is not for use in hazardous combustible atmospheres as defined by the National Electrical Code. *Avertissement: Cet équipement ne doit pas être utilisé dans des atmosphères combustibles dangereuses telles que définies par le National Electrical Code.*
3. **Danger:** Risk of shock - Disconnect power before installation. *Danger: Risque de choc – Couper l'alimentation avant l'installation.*
4. Type Non-IC Recessed. *Garnitures de type Non-IC.*
5. Inherently protected. *Protection inhérente.*
6. Dry locations only. *Pour emplacements secs seulement.*
7. Access above ceiling required. *Accès requis au-dessus du plafond.*



Save These Instructions For Future Reference

Installation:

Diagram 1



NOTE: Questions or concerns with a specific installation should be directed to the Customer Site Installation drawings unique to the job site or to your Sales Representative.

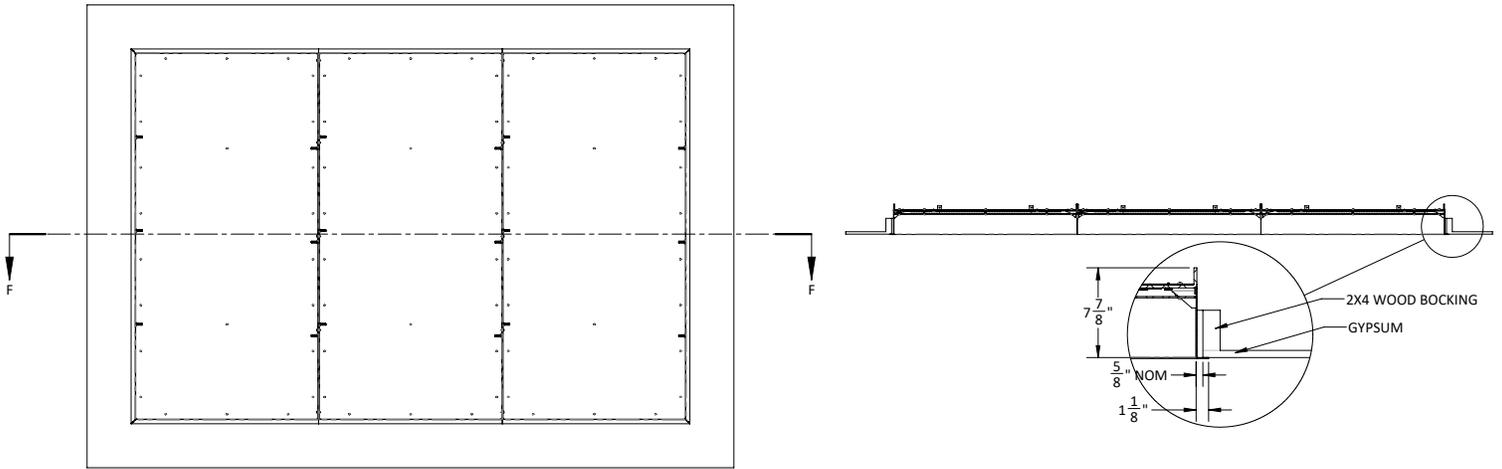
Warning: Fixtures should be supported independently of the ceiling grid.

Step 1:
Turn off the power supply.

Step 2:
Frame in the rough opening in the existing gypsum ceiling as shown in **Diagram 1**.

Step 3:
Reference **Diagram 2** for dimensions of the final fixture in the ceiling. PDC will also provide shop drawings for final dimensions.

Diagram 2



Step 4:

Beginning with the 2 outside luminaires, install each into the framed in rough opening in the ceiling as shown in **Diagram 3**.

Step 5:

Secure the 2 outside luminaires in place using tie wire to support the luminaire to the structural ceiling support as shown in **Diagram 4**. 10 mounting tabs per section are provided.

Step 6:

Wire the 2 outside luminaire per the **Electrical Connections** section.

Step 7:

Install the center luminaire in the same manner as **Steps 4 and 5** as shown in **Diagram 5**.

Diagram 4

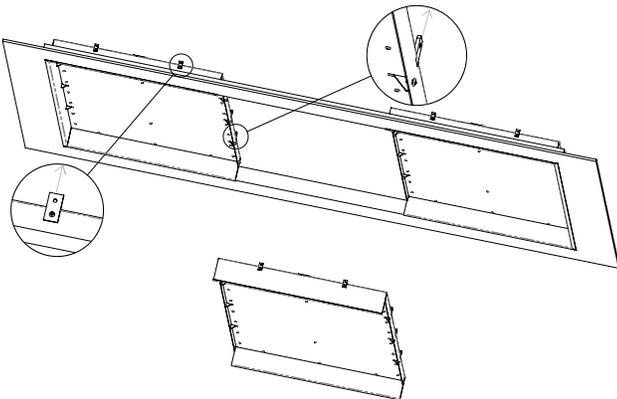
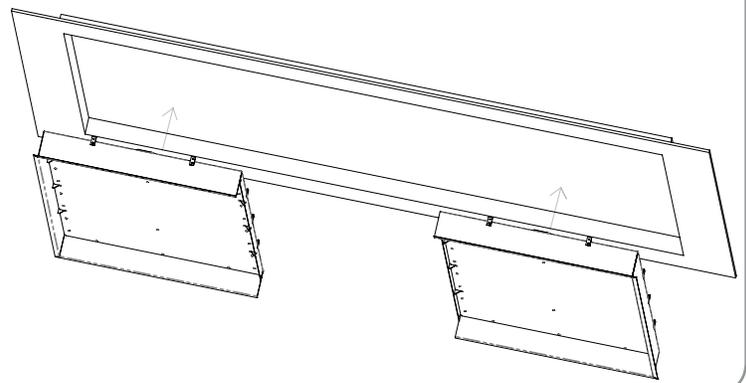


Diagram 3



Step 8:

Wire the center luminaire per the **Electrical Connections** section.

Step 9:

Bolt the 3 luminaires together as shown in **Diagram 6** using provided hardware.

Step 10:

Install the fabric retainer per manufacturers recommendations as shown in **Diagram 7**.

Step 11:

Turn on the power supply.

Diagram 5

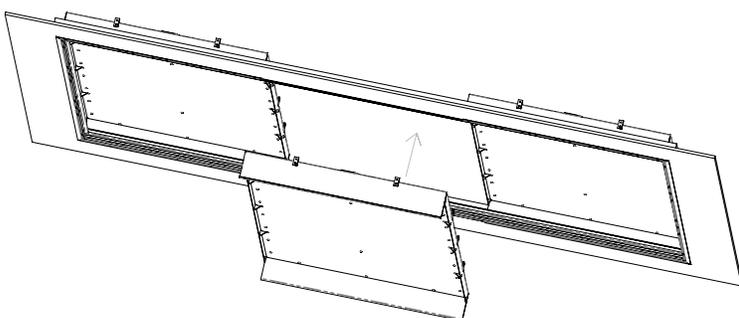


Diagram 6

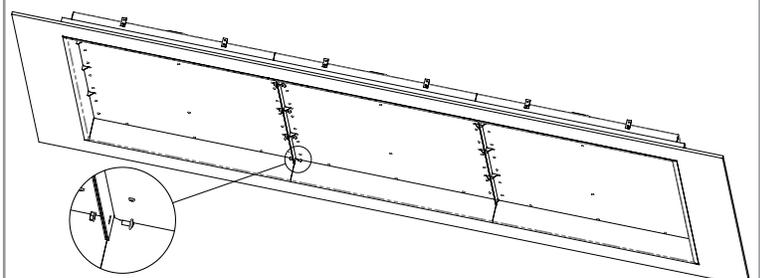


Diagram 7

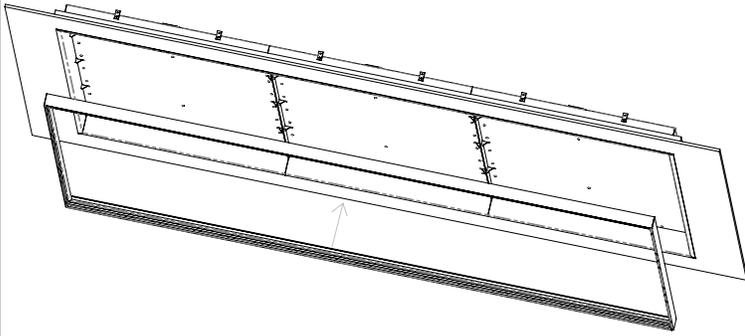
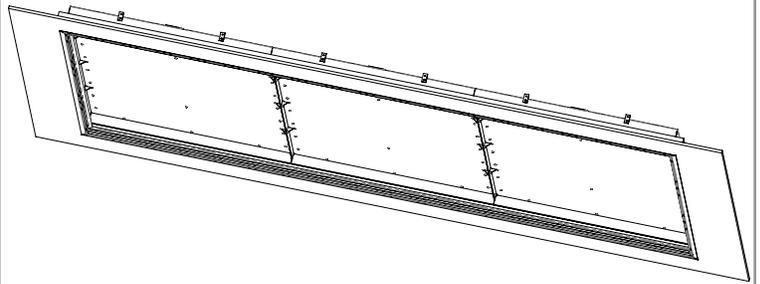


Diagram 8



Electrical Connections:

Electrical Connections

Step 1:

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

Step 2:

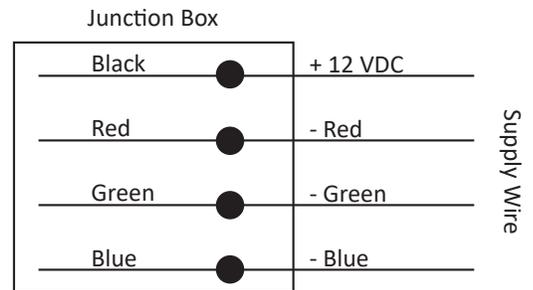
Using 90°C minimum rated wire connectors, terminate the supply wiring in Junction Box.

DC RGB LUMINAIRE WIRING - Diagram 3

1. Connect + 12 VDC supply lead to the Black lead.
2. Connect - Red supply lead to the Red negative lead.
3. Connect - Green supply lead to the Green negative lead.
4. Connect - Blue supply lead to the Blue negative lead.

Note: If using PDC Linear RGB Controller, be sure to wire to site specific wiring diagram for proper current balancing.

Diagram 3



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. In order to avoid dissemination of those substances in our environment and to diminish the pressure on the 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.



700 Walnut Ridge Drive
Hartland, WI 53029
Phone: 262-367-7700
Web: www.pdcbiz.com
Email: pdcbiz@pdcbiz.com

Date Released: 2019.10.18
Date Revised: 2019.10.18
2-41-000050
Version A

© 2019 PDC Suites. All rights reserved.
For informational purposes only. Content is subject to change.