

|         |  |          |  |
|---------|--|----------|--|
| Project |  | Location |  |
| Contact |  | Date     |  |
| Part#   |  | Fixture  |  |

# OmniFixt™

## Framed Light Guide Panel

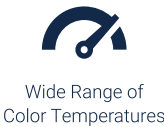


### Description

Achieve even, hot-spot free backlighting with the simplicity of a fixture. OmniFixt™ pairs OmniSheet™ with a thin diffuser or acrylic of your choosing – up to 1/8" (3 mm) thick. Housed in a sturdy, easy-to-hang aluminum frame, OmniFixt™ is great for ceiling and wall applications.

### Applications

- Backlighting
- Backlit graphics
- Ceiling mount T-Grid
- Backlit stone



### Key Features

- Color Rendering Index of 95+
- Can be customized to any size
- A wide range of LED positioning options
- Easily mount with Z-Clips
- Up to 4000 lumens bright
- Wide range of color temperatures available, (Static White and Tunable White)
- Patented V-Cut surface provides unparalleled, uniform light distribution
- Custom printed Diffuser options

\* Based on 4' x 4' 4-side lit panel configuration

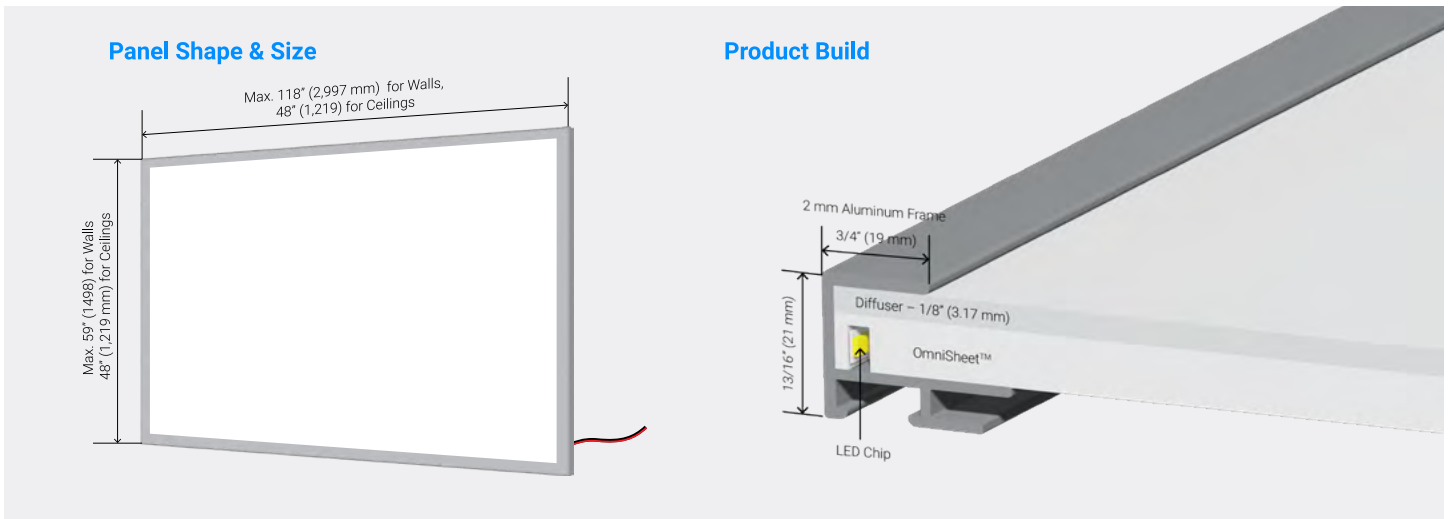
# Specifications

| Performance          |  | OmniFixt™                                      |  |                            |
|----------------------|--|--|--|----------------------------|
| Part Number          | #83910   |  |  |                            |
| CRI                  | ≥95  | ≥90  | N/A  | N/A                        |
| Color Temperature    | 2700K, 3000K, 3500K, 4100K, 5300K, 6500K   | Tunable White (2700K – 6500K)                  | RGB (Red, Green, Blue)                     | RGBW (White: 3000K, 4100K) |
| Surface Brightness * | ≥ 3,200 lx   |  | N/A  | N/A                        |
| Lumen Maintenance    | L70 @ ~ 54,000 hrs   |  |  |                            |
| Light Engine         | OmniSheet™   |  | OmniSheet™ RGB                             | OmniSheet™RGBW             |
| Illumination         | Single Face Illumination (SFI)   |  |  |                            |
| Operating Temp.      | -30 °C (-22 °F) ~ +40 °C (+104 °F)   |  |  |                            |
| IP Rating            | IP22   |  |  |                            |
| Fire Rating          | UL94V-0  |  |  |                            |
| Environment          | Dry/Damp location, Indoor use only   |  |  |                            |
| UL / ETL             | UL Listed (E346146)  |  |  |                            |
| Warranty             | 5 Years  |  |  |                            |
| Mechanical           |  |  |  |                            |
| Thickness            | 21 mm (13/16")   |  |  |                            |
| Maximum Size         | Wall<br>48" x 96"<br>1219 mm x 2438 mm   |  | Ceilings<br>48" x 48"<br>1219 mm x 1219 mm |                            |
| Minimum Size         | 6" x 6"<br>152 mm x 152 mm   |  |  |                            |
| Weight               | 3.2 lb /sqft<br>(15 kg /sqm)   |  |  |                            |
| Frame                | Silver / White / Black / Custom color Aluminum   |  |  |                            |
| Diffuser Options     | Sign White / Printed diffusers available (with thickness up to 3mm)  |  |  |                            |
| Mounting Options     | Z-clips, Euro hangers, T-grid mounting   |  |  |                            |
| Electrical           |  |  |  |                            |
| Input Voltage        | 12V–24V DC   |  |  |                            |
| Power Consumption    | Low 2.4W /ft<br>Standard 4.4W /ft  | 5.5W /ft<br>(4W/ft each channel, 8W/ft Max.)   | RGB 4.4W /ft<br>–                          | RGBW 4.9W /ft<br>–         |
| Wire size            | 20 AWG, 2 wire   | 22 AWG, 3 wire                                 | 22 AWG, 4 wire                             | 22 AWG, 5 wire             |
| Wiring Options       | Each panel must have direct connection to a Power Supply.<br>Do not wire Panels in Series!<br>Maximum wire length 20 ft (6 m) to avoid voltage drop. |  |  |                            |
| Connector Options    | 5' (1.5 m) or 10' (3.0 m) wire with Type A 5.5 / 2.1 mm Barrel Plug or bare leads  | 5' (1.5 m) or 10' (3.0 m) wire with bare leads |  |                            |

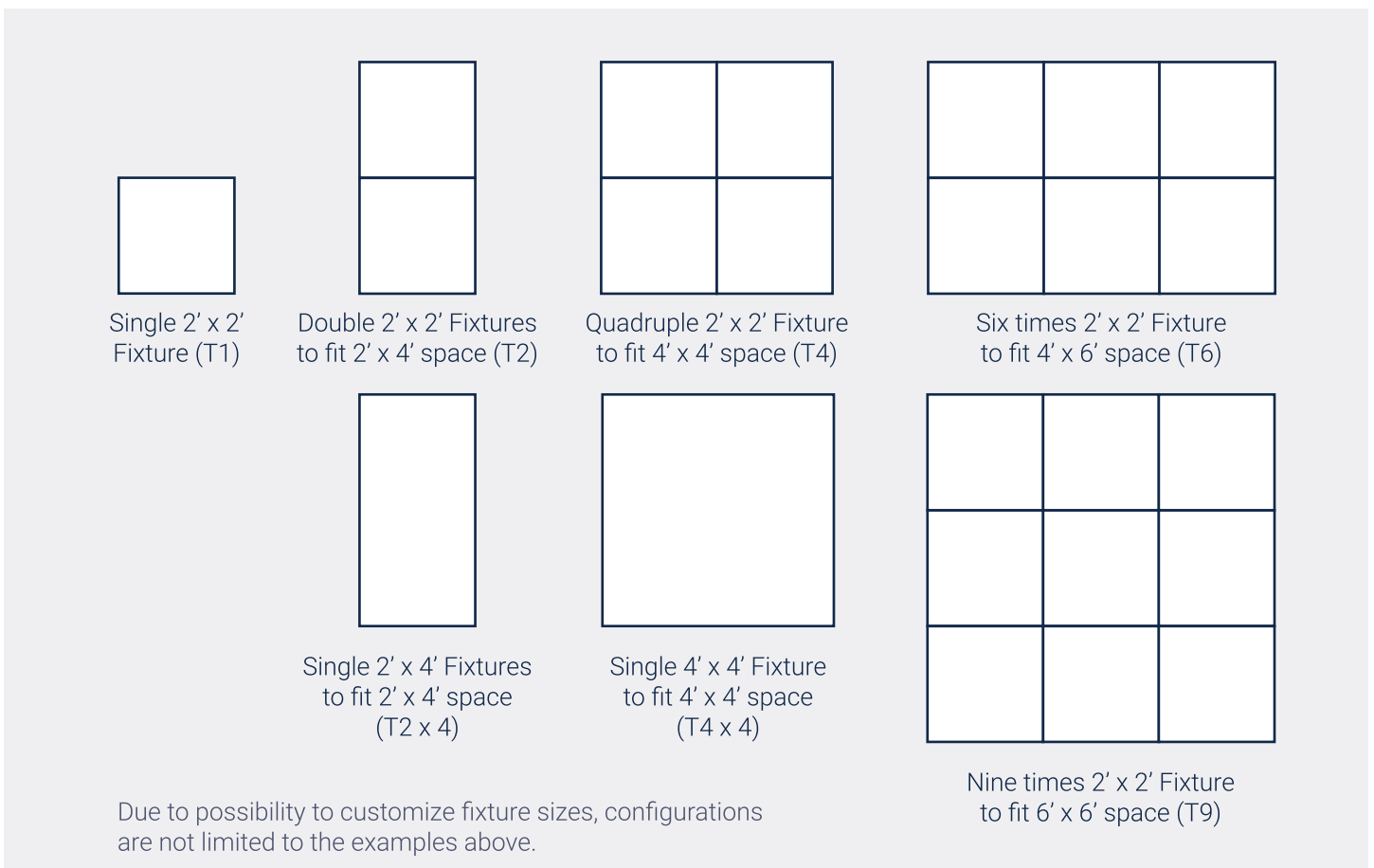
\* Measurements done using 2' x 2' 2-side lit panel configuration

# Customization

## Product Overview



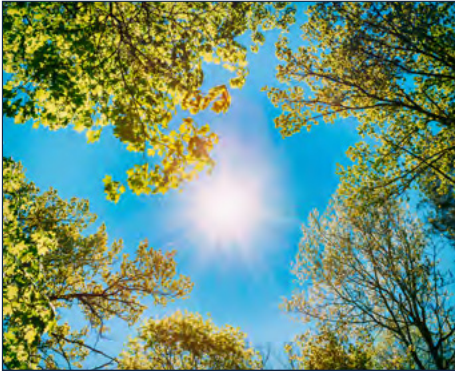
## Fixtures available for below standard T-grid sizes



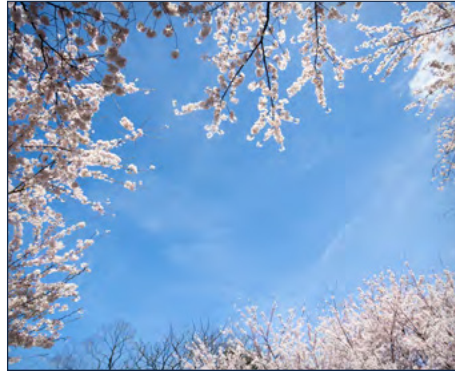
**Note:** The actual size of the fixture will be 1/4" less on the edges for installation in standard ceilings grid systems.

# Customization

## Printed Acrylic Diffuser Options



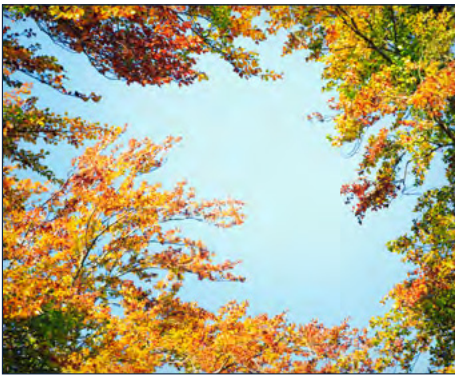
Nature 1



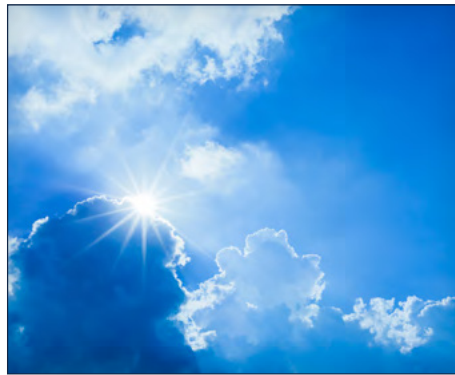
Nature 2



Nature 3



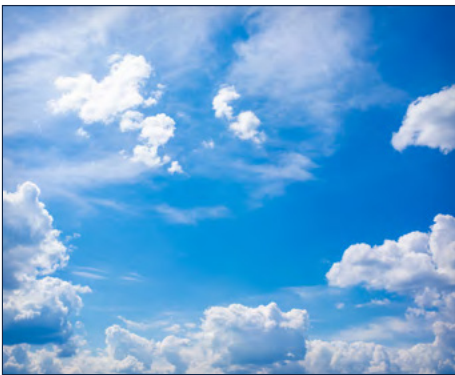
Nature 4



Clouds 1



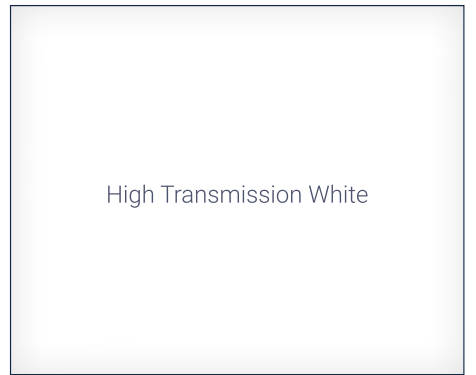
Clouds 2



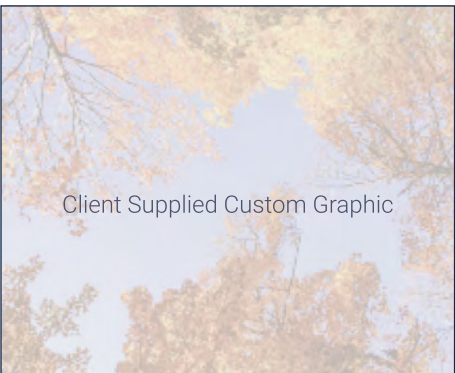
Clouds 3



Underwater 1



White (Standard)



Client Supplied Custom Graphic

Custom imagery prints are also available at additional cost, artwork must be supplied by the client.

Supplied artwork must meet requirements posted in our downloadable **Print Submission Guidelines** ([Click Here](#))

**Disclaimer:** Image options are provided for selection within our standard sizes. Prints exceeding standard sizes may result in reduced quality and cannot be guaranteed.

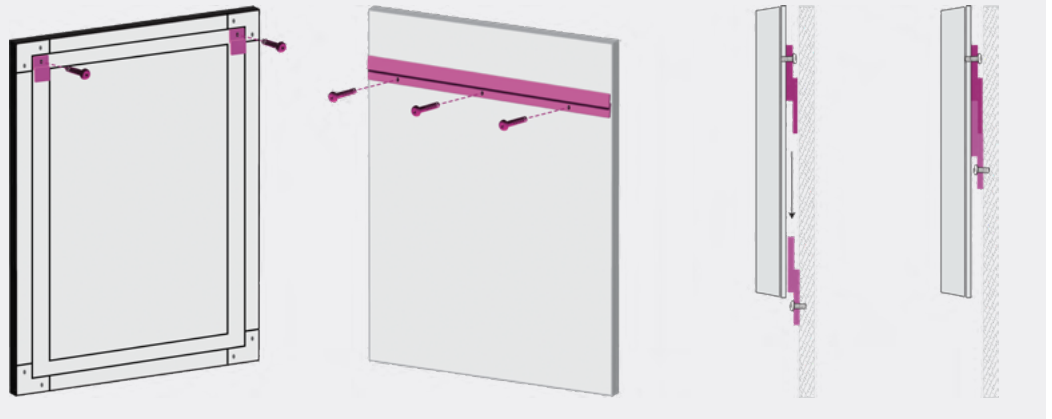
Custom Printed Acrylic

# Customization

## Mounting Options for Wall Applications

### Option 1: Z-Clips

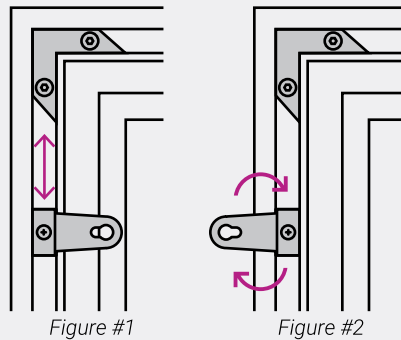
1. Place the supplied Z-Clip mounting hangers on the back of the frame and tighten.
2. Drill holes on the wall for screw locations.
3. Place Z-Clip mounting bracket on wall and tighten.
4. Hold frame in position close to the wall and slide from top to bottom to create a secure hold.



### Option 2: Euro Hanger

Single-sided OmniFixt™ is provided with four mounting clips with keyhole slot on back along with pre-drilled hole(s) for securing the frame to the wall.

You can relocate (Figure #1) or turn the mounting clip 180 degrees (Figure #2) by loosening the screw. Make sure the screw on the clip is tightened after relocation before you install the light box.



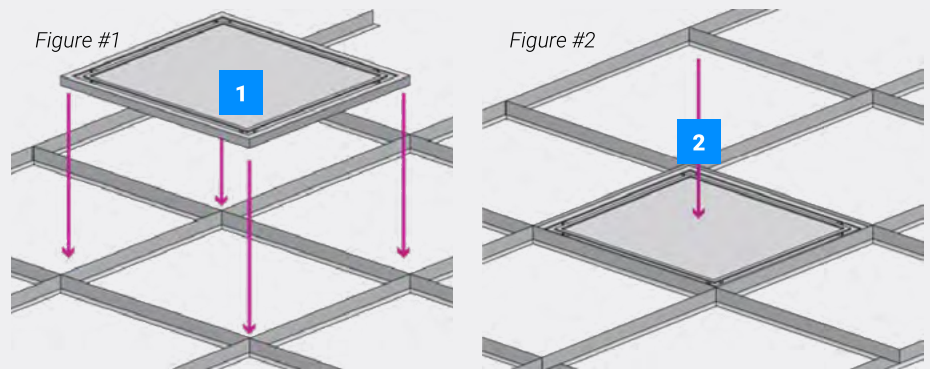
## Mounting Option for Ceiling Applications

### T-Bar Grid Mounting

Figure 1: Lift fixture at angle through the grid, align it with the T-Bar grid.

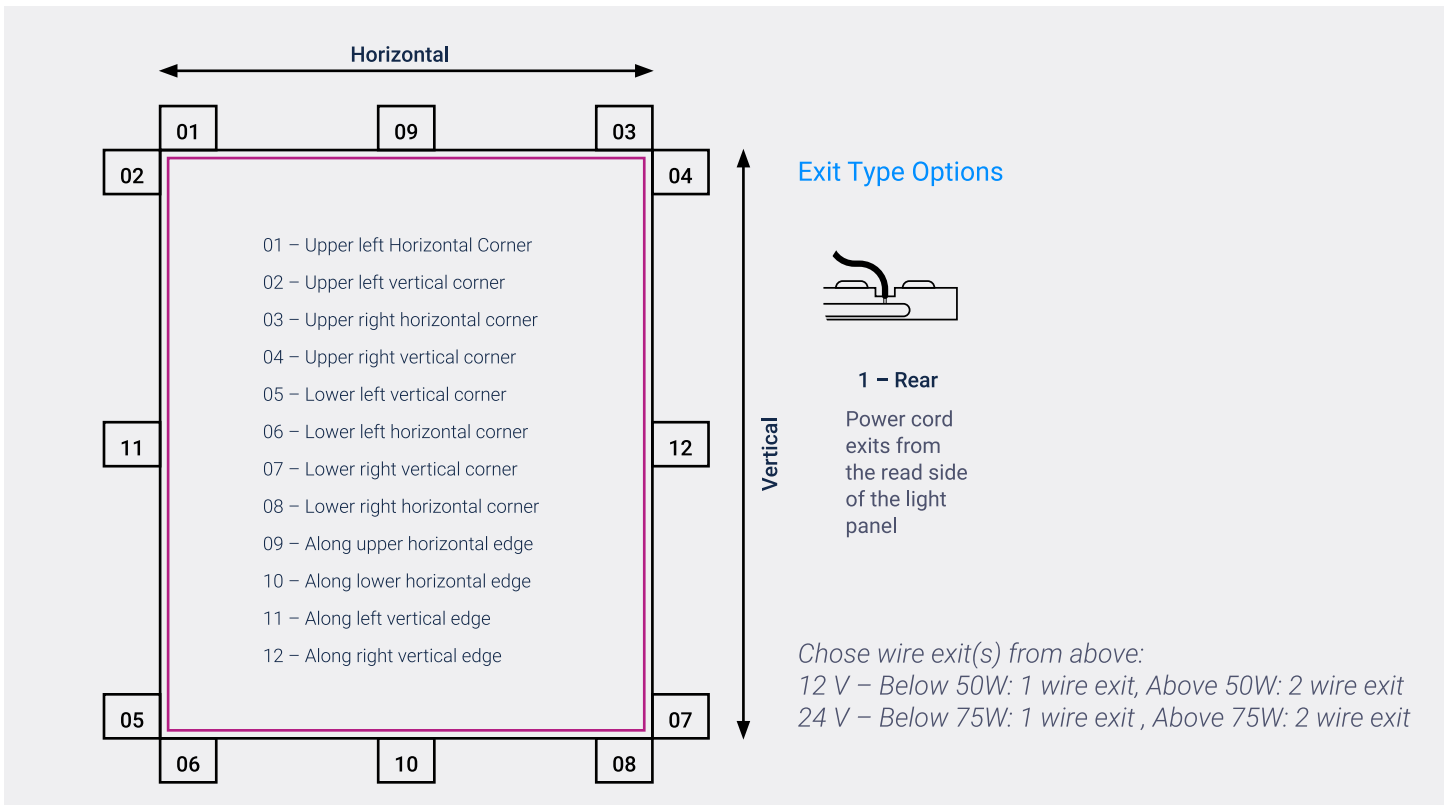
Figure 2: Drop fixture into its place within the T-Bar grid, it should fit easily and precisely.

Hardware (Euro Hanger) provided on one of the edges for securing hanger wire to T-Bar.



# Customization

## Wire Exit Locations

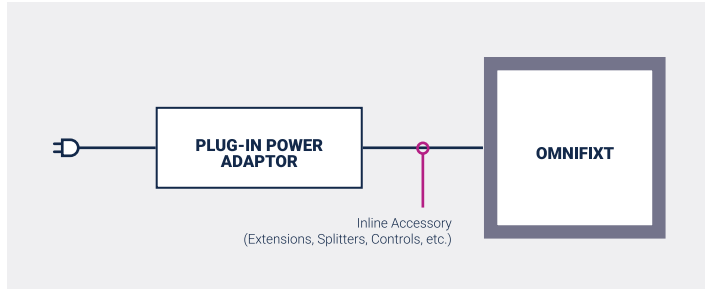


# Customization

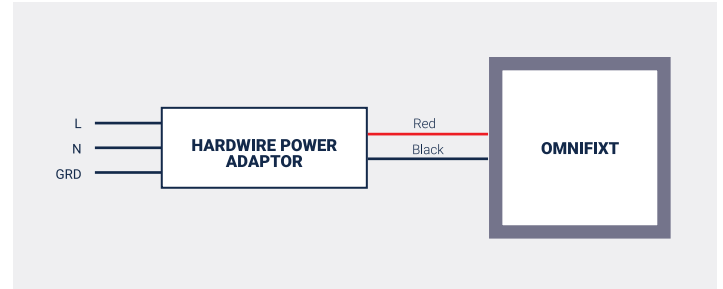
## Wiring Options

Determine your system components, including a power adaptor, as well as optional dimmer and controller. Use only UL certified power adaptors with the power output that coordinates with your input voltage.

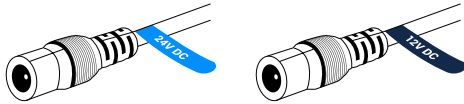
### Using a Plug-in Power Adaptor



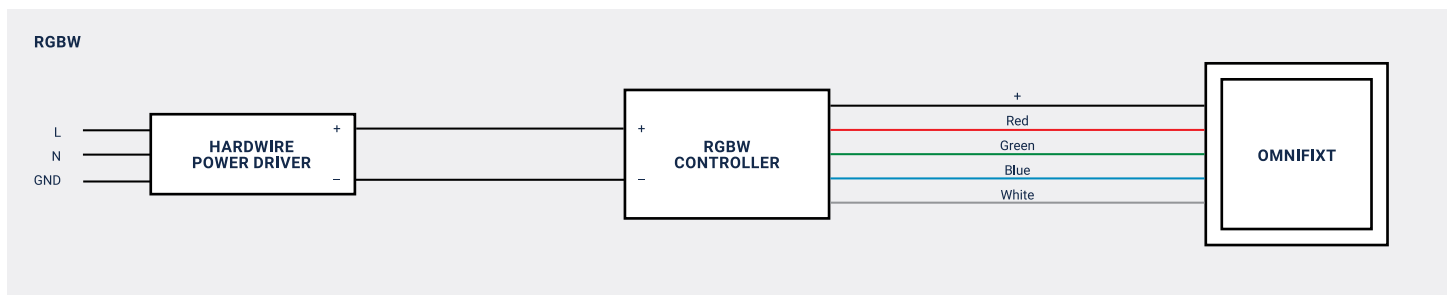
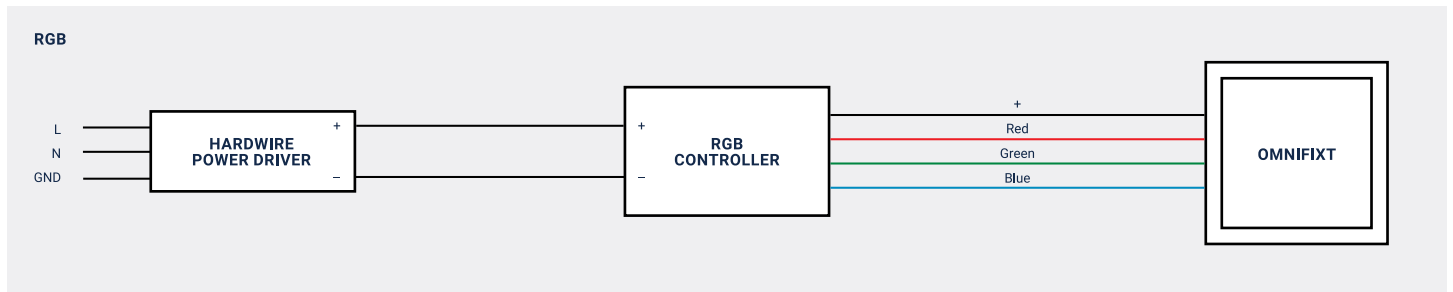
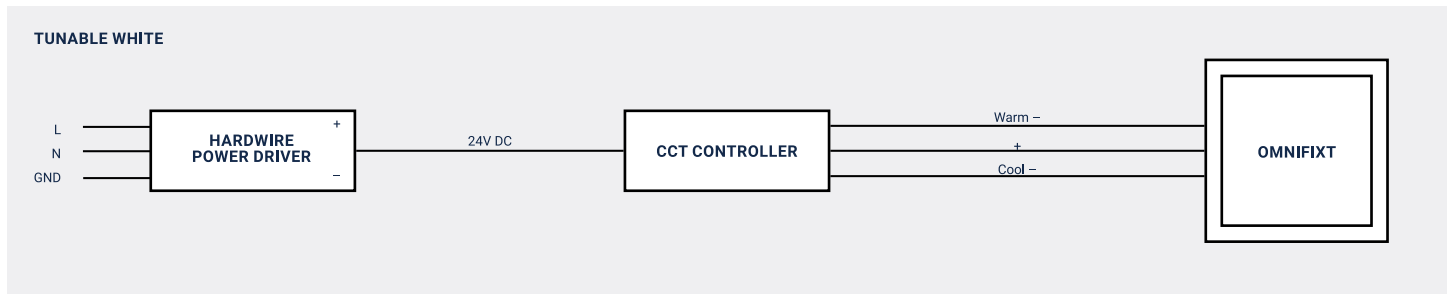
### Wiring with Hardwire Power Adaptors



Use a plug-in adaptor to connect the Light Guided Panel to your power source via DC Jack.



1. Turn off power to your system at the main breaker
2. Install your system components. Refer to wiring guidelines for each component to build your system
3. Check connections and turn on power at the main breaker



# Configurator

## OmniFixt™ Framed Light Guide Panel

| Part #            | Frame Color       | Dimensions         | Illumination    | LED Location        | Color Temperature |
|-------------------|-------------------|--------------------|-----------------|---------------------|-------------------|
| 83910 – OmniFixt™ | 10 – White        | T1 – T1            | 1 – Single face | 1 – 1 long edge     | 270 – 2700K       |
|                   | 20 – Silver       | T2 – T2            |                 | 2 – 2 long edge     | 300 – 3000K       |
|                   | 90 – Black        | T4 – T4            |                 | 3 – 1 short edge    | 350 – 3500K       |
|                   | 92 – Custom Color | T6 – T6            |                 | 4 – 2 short edge    | 410 – 4100K       |
|                   |                   | T9 – T9            |                 | 5 – all 4 edges     | 530 – 5300K       |
|                   |                   | T2x4 – T2x4        |                 | 6 – Custom          | 650 – 6500K       |
|                   |                   | T4x4 – T4x4        |                 | 000 – Tunable White |                   |
|                   |                   | xy – custom size   |                 | 900 – RGB           |                   |
|                   |                   | 950 – RGBW (3000K) |                 |                     |                   |
|                   |                   | 951 – RGBW (4100K) |                 |                     |                   |

| Voltage     | Wattage/ft            | Exit Location               | Exit Type | Connectors                     | Mounting        |
|-------------|-----------------------|-----------------------------|-----------|--------------------------------|-----------------|
| 12 – 12V DC | 2.4 – Low (2.4W)      | 01 – Upper left corner (H)  | 1 – Rear  | 1 – Black 5' with barrel plug  | 1 – Z-bars      |
| 24 – 24V DC | 4.4 – Standard (4.4W) | 02 – Upper left corner (V)  |           | 2 – White 5' with barrel plug  | 2 – Euro Hanger |
|             | 5.5 – Tunable (5.5W)  | 03 – Upper right corner (H) |           | 3 – Black 10' with barrel plug | 3 – T-Bar Grid  |
|             | 4.4 – RGB (4.4W)      | 04 – Upper right corner (V) |           | 4 – White 10' with barrel plug | 4 – N/A         |
|             | 4.9 – RGBW (4.9W)     | 05 – Lower left corner (H)  |           | 5 – Black 5' with bare leads   |                 |
|             |                       | 06 – Lower left corner (H)  |           | 6 – White 5' with bare leads   |                 |
|             |                       | 07 – Lower right corner (V) |           | 7 – Black 10' with bare leads  |                 |
|             |                       | 08 – Lower right corner (H) |           | 8 – White 10' with bare leads  |                 |
|             |                       | 09 – Along upper edge (H)   |           |                                |                 |
|             |                       | 10 – Along lower edge (H)   |           |                                |                 |
|             |                       | 11 – Along left edge (V)    |           |                                |                 |
|             |                       | 12 – Along right edge (V)   |           |                                |                 |

### Order Code Example

**83910-10-T1-1-1-350-12-2.4-02-1-1-2**

**Breakdown:** OmniFixt™ – sized T1 – Single Face illumination – LED located along 2 long edges – Color Temperature 3500K Static White – Voltage is 12V DC – Wattage is low 2.4W/ft – Exit location is at the upper left Vertical corner – Exit type is rear – Connector is 5' long, white cable with DC Jack – Mounting is with Euro Hangers.