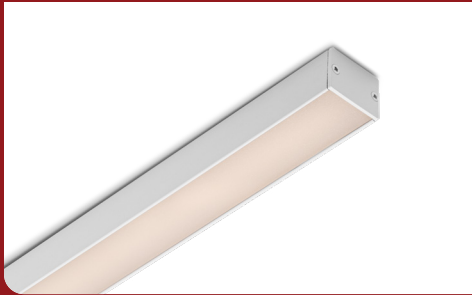


FIXTURE TYPE \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_



## CrossBar™ Frosted Lens

DIFFUSED WIDE ANGLE  
LENS T-GRID FIXTURE

Store in a Temperature-Controlled Environment.



### Description

Crossbar provides seamless illumination upon either axis of a drop ceiling system, requiring no modifications to an existing T-grid.

### Features

- Diffuse Wide Angle Lens
- Easily Mounts to Existing Grid
- Fast Installation
- Integrated Seismic Strap
- UL Listed
- 50,000 Hour Life
- Multi-Volt 24VDC Remote Driver (Sold Separately)

### Specifications

|                 |                                       |
|-----------------|---------------------------------------|
| Length          | 2ft, 4ft                              |
| Temp/Color      | 2700K, 3000K, 3500K, 4000K            |
| Dimming Options | PWM, 0–10V, DMX 512, DALI, TRIAC, ELV |
| Finish          | White                                 |
| Input Voltage   | 24V DC                                |
| Watts per Foot  | 13W for 2ft, 26W for 4ft              |
| Lumen per Foot  | 1100 lm for 2ft, 2200 lm for 4ft      |
| Lumens per Watt | 84 lm/W                               |
| Beam Angle      | 120°                                  |
| Max Run Length  | 12ft                                  |
| CRI             | 90+                                   |
| Operating Temp. | -20°F (-29°C) to 158°F (70°C)         |

### Product Code Builder

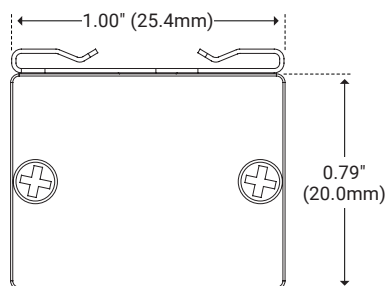
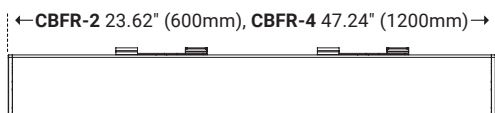
| Item                          | Output                | Temp/Color                                                                           | Length                                                                                                                                                 |                 |
|-------------------------------|-----------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>CBFR</b>                   | <b>550</b>            |                                                                                      |                                                                                                                                                        |                 |
| <b>CBFR</b> —CrossBar Frosted | <b>550</b> —550 lm/ft | <b>27K</b> — 2700K<br><b>30K</b> — 3000K<br><b>35K</b> — 3500K<br><b>40K</b> — 4000K | <b>2</b> —2ft (304.8mm)<br><b>4</b> —4ft (1219.2mm)                                                                                                    |                 |
| Beam Angle                    | Input Voltage         | Finish                                                                               | Mounting                                                                                                                                               | Option          |
| <b>120</b>                    | <b>24V</b>            | <b>WH</b>                                                                            |                                                                                                                                                        | <b>NA</b>       |
| <b>120</b> —120°              | <b>24V</b> —24V DC    | <b>WH</b> —White                                                                     | <b>9D</b> —9/16" Drop Tile<br><b>9F</b> —9/16" Flat Tile<br><b>15D</b> —15/16" Drop Tile<br><b>15F</b> —15/16" Flat Tile<br><b>SM</b> —Surface Mounted | <b>NA</b> —None |

Example: CBFR-550-27K-2-120-24V-WH-9D-NA



## Dimensions

|        |                                 |
|--------|---------------------------------|
| Length | 23.62" (600mm), 47.24" (1200mm) |
| Width  | 1.00" (25.4mm)                  |
| Height | 0.79" (20.0mm)                  |

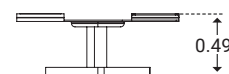
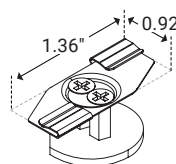


## Mounting

### 9/16" Grid Drop Tile



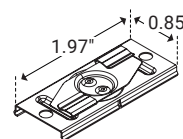
|               |                |
|---------------|----------------|
| Unit Number   | CB-DT-9        |
| Ordering Code | 9D             |
| Width         | 1.36" (34.5mm) |
| Length        | 0.92" (23.5mm) |
| Height        | 0.49" (12.6mm) |



### 9/16" Grid Flat Tile



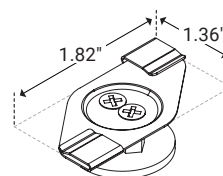
|               |                |
|---------------|----------------|
| Unit Number   | CB-FT-9        |
| Ordering Code | 9F             |
| Width         | 0.85" (21.6mm) |
| Length        | 1.97" (50.0mm) |
| Height        | 0.25" (6.4mm)  |



### 15/16" Grid Drop Tile



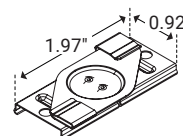
|               |                |
|---------------|----------------|
| Unit Number   | CB-DT-15       |
| Ordering Code | 15D            |
| Width         | 1.36" (34.5mm) |
| Length        | 1.82" (46.2mm) |
| Height        | 0.49" (12.6mm) |



### 15/16" Grid Flat Tile



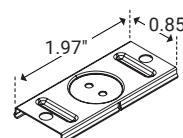
|               |                |
|---------------|----------------|
| Unit Number   | CB-FT-15       |
| Ordering Code | 15F            |
| Width         | 0.92" (23.5mm) |
| Length        | 1.97" (50.0mm) |
| Height        | 0.27" (6.8mm)  |



### Surface



|               |                |
|---------------|----------------|
| Unit Number   | CB-SM          |
| Ordering Code | SM             |
| Width         | 0.85" (50mm)   |
| Length        | 1.97" (21.6mm) |
| Height        | 0.16" (4.2mm)  |





## | Power & Connectors Options

### Power Lead



**REQUIRED ITEM** Connects a CrossBar or group of CrossBar fixtures to the power supply.

| Unit Number | Length      |
|-------------|-------------|
| CB-FML-6    | 6ft (1.83m) |

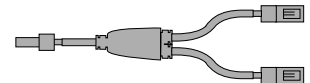


### Y-Split Connector



Required to connect each additional CrossBar in a series of fixtures to a single power supply.

| Unit Number | Length     |
|-------------|------------|
| CB-FMC-Y2   | 8" (200mm) |



### Jump Connector

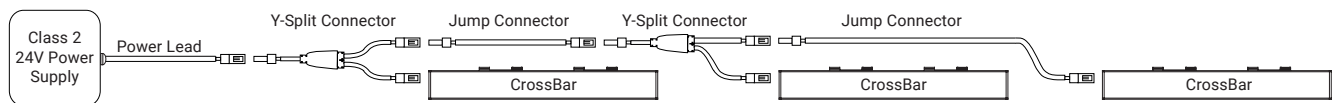


Connects Y-Split connectors and the final fixture in the series. Do not connect CrossBar directly to another Crossbar with jump connectors.

| Unit Number | Length      |
|-------------|-------------|
| CB-FMC-6    | 6ft (1.83m) |



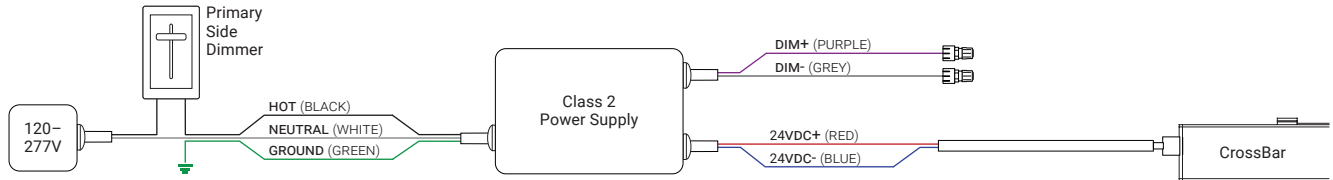
## | Wiring Diagram



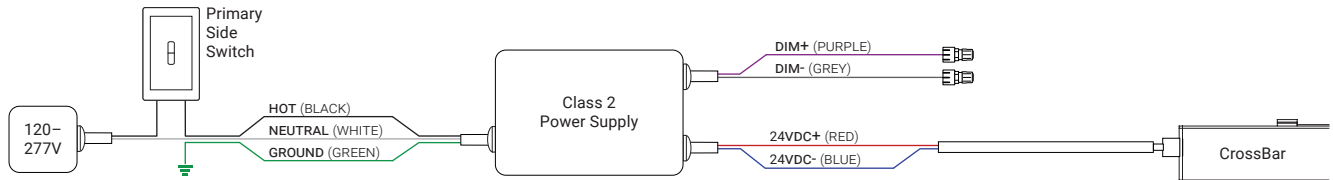


## I Wiring Options

### Primary Side Dimming (120V Only)



### Primary Side Switching (120-277V)



### 0-10V Dimming (120-277V)

