



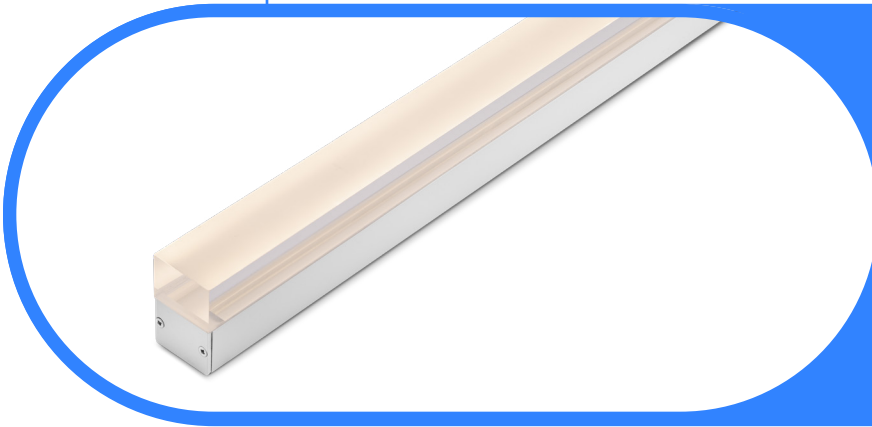
# Complete Specification Sheet

## CrossBar Crystal

LINEAR  
LED

### CrossBar Crystal

Modern Drop Crystal Lens T-Grid Fixture



### Specifications

<b>Category</b>	Fixture
<b>Series</b>	CrossBar
<b>Family</b>	Crystal
<b>Watts per Foot</b>	6.5W/ft
<b>Lumens per Foot</b>	550lm/ft
<b>Lumens per Watt</b>	84lm/w
<b>Environment</b>	IP67
<b>CRI</b>	90+
<b>CCT Options</b>	2700K, 3000K, 3500K, 4000K
<b>Input Voltage</b>	24V DC
<b>Lengths</b>	2', 4' Lengths
<b>Width</b>	1.00in (25.4mm)
<b>Height</b>	1.5in (40.0mm)
<b>Max Run Length</b>	12ft
<b>Beam Angle</b>	120°
<b>Storage Temp.</b>	-20°F (-29°C) to 158°F (70°C)
<b>Operating Temp.</b>	-20°F (-29°C) to 104°F (40°C)

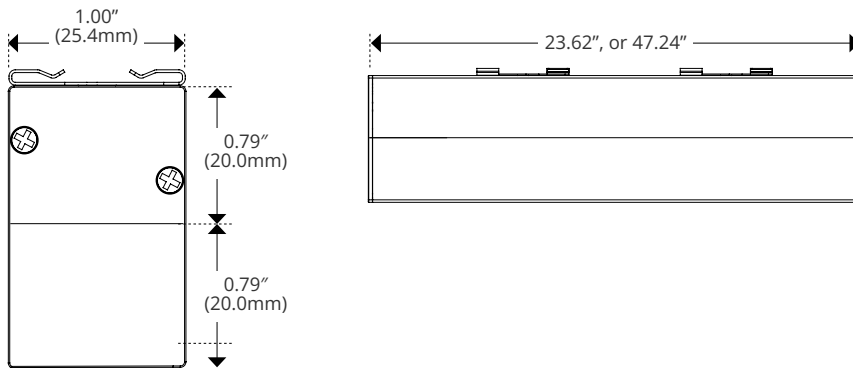
### Features

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

### Description

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

### Dimensions



Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.

Conforms to ANSI/UL Standard 2108  
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type \_\_\_\_\_

Project Name \_\_\_\_\_

Location \_\_\_\_\_



# Product Code Builder

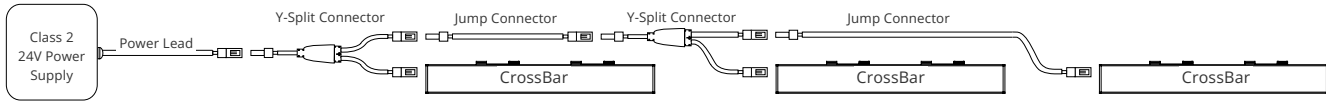
## CrossBar Crystal

### Product Code Builder

Example: CBCR-550-27-2-120-24V-WH-9D

SERIES	OUTPUT	CCT/COLOR	LENGTH	BEAM	INPUT	FINISH	DIMENSIONS <sup>1</sup>																						
<b>CBCR</b>	<b>550</b>			<b>120</b>	<b>24V</b>	<b>WH</b>																							
CrossBar	550 lm/ft	<table border="1"> <tr><td><b>27</b></td><td>2700K</td></tr> <tr><td><b>30</b></td><td>3000K</td></tr> <tr><td><b>35</b></td><td>3500K</td></tr> <tr><td><b>40</b></td><td>4000K</td></tr> </table>	<b>27</b>	2700K	<b>30</b>	3000K	<b>35</b>	3500K	<b>40</b>	4000K	<table border="1"> <tr><td><b>2</b></td><td>2ft (304.8mm)</td></tr> <tr><td><b>4</b></td><td>4ft (1219.2mm)</td></tr> </table>	<b>2</b>	2ft (304.8mm)	<b>4</b>	4ft (1219.2mm)	120°	24V	White	<table border="1"> <tr><td><b>9D</b></td><td>9/16" Drop Tile</td></tr> <tr><td><b>9F</b></td><td>9/16" Flat Tile</td></tr> <tr><td><b>15D</b></td><td>15/16" Drop Tile</td></tr> <tr><td><b>15F</b></td><td>15/16" Flat Tile</td></tr> <tr><td><b>SM</b></td><td>Surface Mounted</td></tr> </table>	<b>9D</b>	9/16" Drop Tile	<b>9F</b>	9/16" Flat Tile	<b>15D</b>	15/16" Drop Tile	<b>15F</b>	15/16" Flat Tile	<b>SM</b>	Surface Mounted
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### WIRING DIAGRAM



<sup>1</sup>Consult Kelvix for custom lengths

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Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type \_\_\_\_\_

Project Name \_\_\_\_\_

Location \_\_\_\_\_



# Mounting Details

## CrossBar

### IMAGE

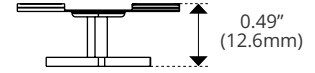
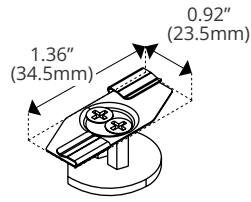
### SPECIFICATIONS

### DIMENSIONS

9/16" Grid Drop Tile



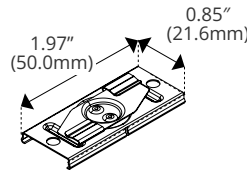
<b>9D</b>	
<b>Length</b>	0.92in (23.5mm)
<b>Width</b>	1.36in (34.5mm)
<b>Height</b>	0.49in (12.6mm)



9/16" Grid Flat Tile



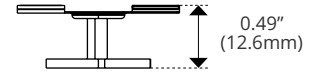
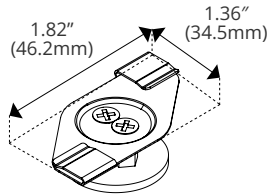
<b>9F</b>	
<b>Length</b>	1.97in (50.0mm)
<b>Width</b>	0.85in (21.6mm)
<b>Height</b>	0.25in (6.4mm)



15/16" Grid Drop Tile



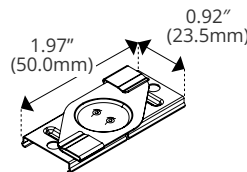
<b>15D</b>	
<b>Length</b>	1.82in (46.2mm)
<b>Width</b>	1.36in (34.5mm)
<b>Height</b>	0.49in (12.6mm)



15/16" Grid Flat Tile



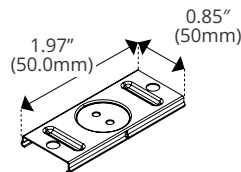
<b>15F</b>	
<b>Length</b>	1.97in (50.0mm)
<b>Width</b>	0.92in (23.5mm)
<b>Height</b>	0.27in (6.8mm)



Surface



<b>SM</b>	
<b>Length</b>	1.97in (50.0mm)
<b>Width</b>	0.85in (50mm)
<b>Height</b>	0.16in (4.2mm)



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Fixture Type \_\_\_\_\_

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# Power and Feed Options

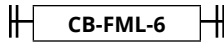
## CrossBar

### IMAGE

### SPECIFICATIONS

### DIAGRAM

#### Power Lead

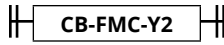


**Length** 6ft (1.83m)

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

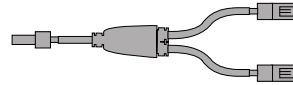


#### Y-Split Connector

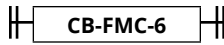


**Length** 8in (200mm)

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



#### Jump Connector



**Length** 6ft (1.83m)

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

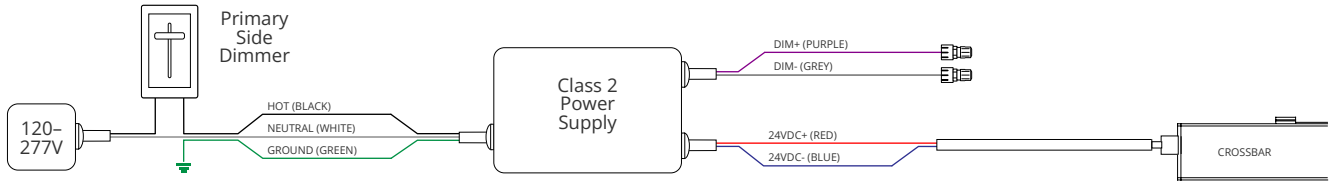




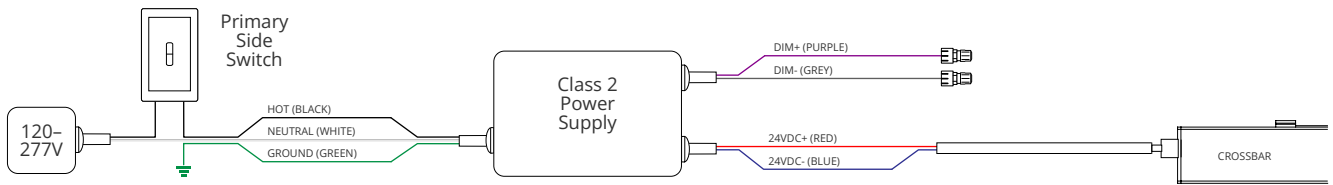
# Wiring Options

## CrossBar

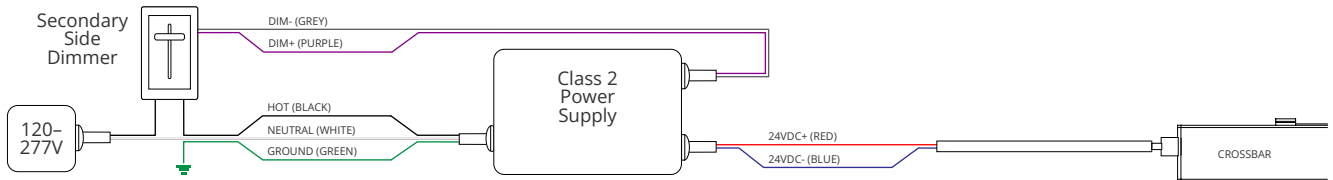
### PRIMARY SIDE DIMMING (120V ONLY)



### PRIMARY SIDE SWITCHING (120-277V)



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



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Fixture Type \_\_\_\_\_

Project Name \_\_\_\_\_

Location \_\_\_\_\_