



Complete Specification Sheet

CrossBar Frosted Lens



CrossBar Frosted Lens

Diffused Wide Angle Lens T-Grid Fixture



Specifications

Category	Fixture
Series	CrossBar
Family	Frosted Lens
Watts per Foot	6.5W/ft
Lumens per Foot	550lm/ft
Lumens per Watt	84lm/W
Environment	IP67
CRI	90+
CCT Options	2700K, 3000K, 3500K, 4000K
Input Voltage	24V DC
Lengths	2', 4' Lengths
Width	1.00in (25.4mm)
Height	0.79in (20.0mm)
Max Run Length	12ft
Beam Angle	120°
Storage Temp.	-20°F (-29°C) to 158°F (70°C)
Operating Temp.	-20°F (-29°C) to 104°F (40°C)

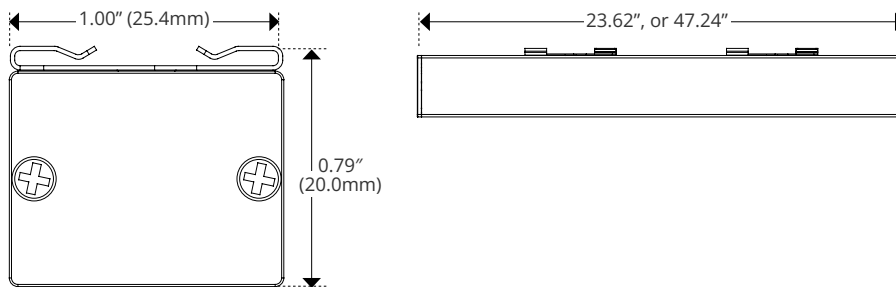
Features

- Diffused 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)

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

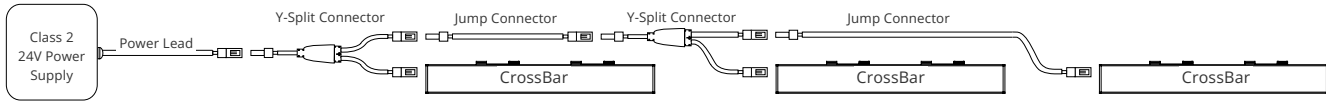
CrossBar Frosted Lens

Product Code Builder

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

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



¹Consult Kelvix for custom lengths

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Fixture Type _____

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Mounting Details

CrossBar

IMAGE

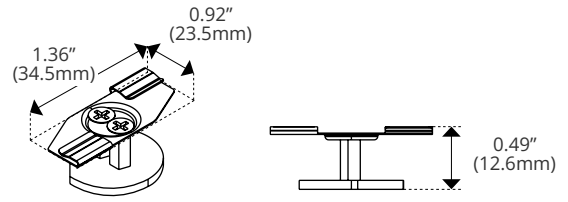
SPECIFICATIONS

DIMENSIONS

9/16" Grid Drop Tile



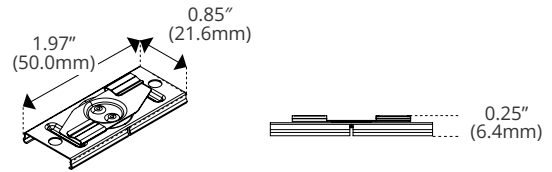
9D	
Length	0.92in (23.5mm)
Width	1.36in (34.5mm)
Height	0.49in (12.6mm)



9/16" Grid Flat Tile



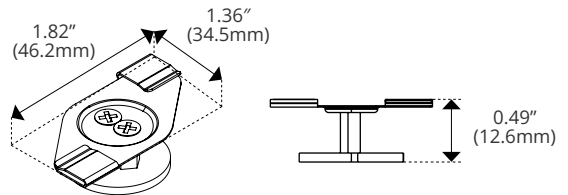
9F	
Length	1.97in (50.0mm)
Width	0.85in (21.6mm)
Height	0.25in (6.4mm)



15/16" Grid Drop Tile



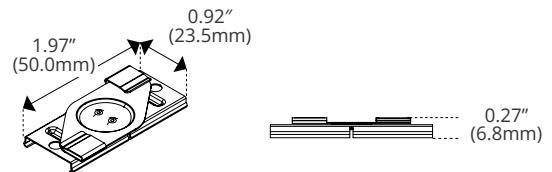
15D	
Length	1.82in (46.2mm)
Width	1.36in (34.5mm)
Height	0.49in (12.6mm)



15/16" Grid Flat Tile



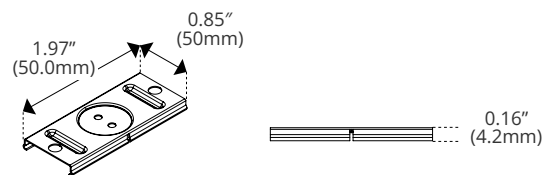
15F	
Length	1.97in (50.0mm)
Width	0.92in (23.5mm)
Height	0.27in (6.8mm)



Surface



SM	
Length	1.97in (50.0mm)
Width	0.85in (50mm)
Height	0.16in (4.2mm)



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Fixture Type _____

Project Name _____

Location _____



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.

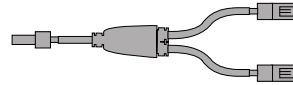


Y-Split Connector



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.

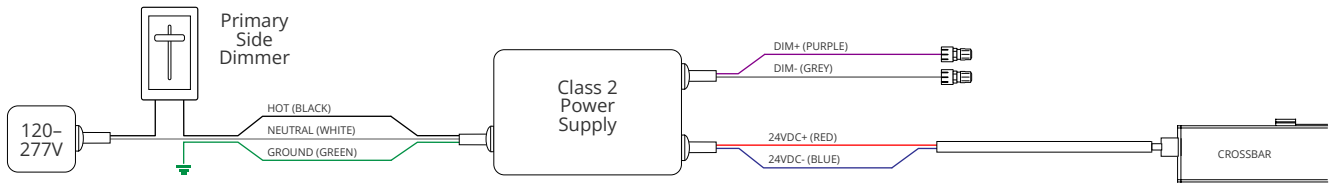




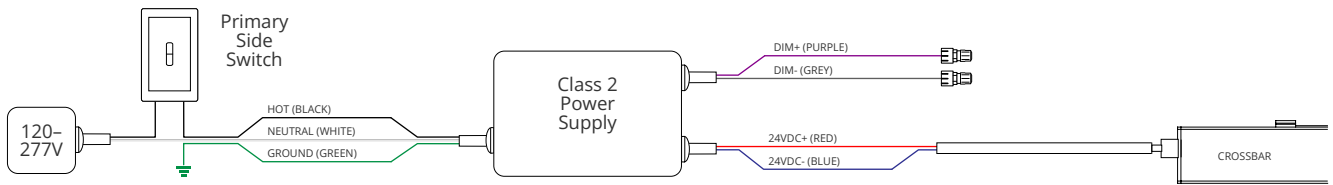
Wiring Options

CrossBar

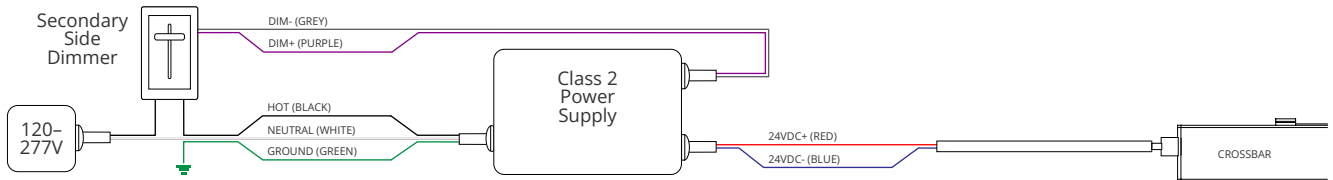
PRIMARY SIDE DIMMING (120V ONLY)



PRIMARY SIDE SWITCHING (120-277V)



0-10V DIMMING (120-277V)



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