



Complete Specification Sheet

CrossBar Frosted Lens

LINEAR
LED



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)

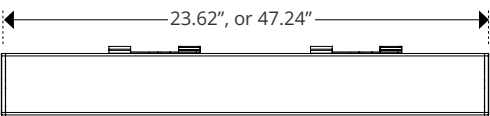
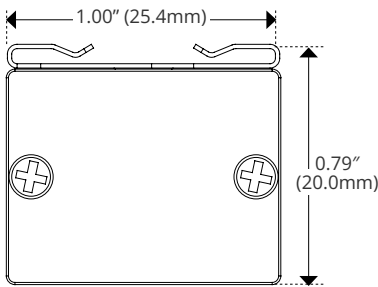
Features

- 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



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

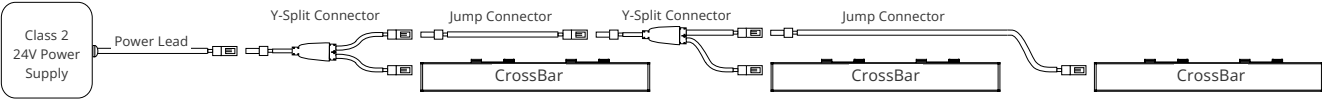
LINEAR
LED

Product Code Builder

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

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

WIRING DIAGRAM



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Project Name _____

Location _____



Mounting Details

CrossBar

IMAGE

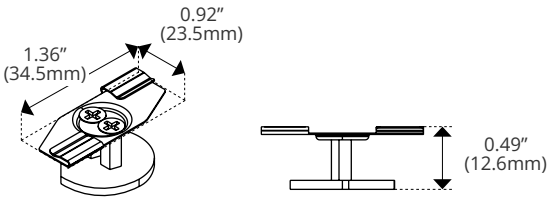
SPECIFICATIONS

DIMENSIONS

9/16" Grid Drop Tile



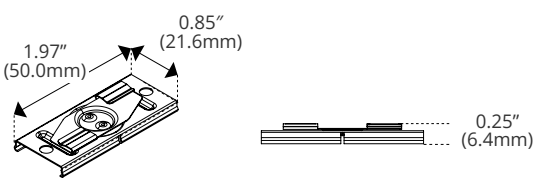
9D	
Length	0.92in (23.5mm)
Width	1.36in (34.5mm)
Height	0.49in (12.6mm)



9/16" Grid Flat Tile



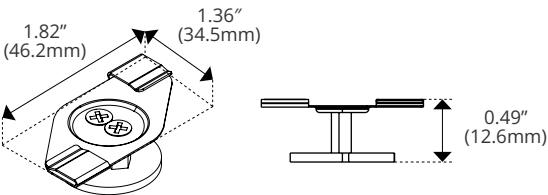
9F	
Length	1.97in (50.0mm)
Width	0.85in (21.6mm)
Height	0.25in (6.4mm)



15/16" Grid Drop Tile



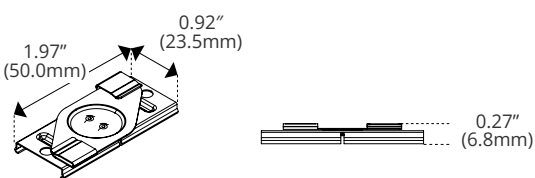
15D	
Length	1.82in (46.2mm)
Width	1.36in (34.5mm)
Height	0.49in (12.6mm)



15/16" Grid Flat Tile



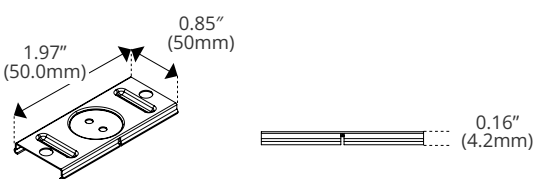
15F	
Length	1.97in (50.0mm)
Width	0.92in (23.5mm)
Height	0.27in (6.8mm)



Surface



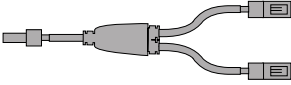
SM	
Length	1.97in (50.0mm)
Width	0.85in (50mm)
Height	0.16in (4.2mm)





Power and Feed Options

CrossBar

IMAGE	SPECIFICATIONS	DIAGRAM
Power Lead 	CB-FML-6 Length6ft (1.83m) REQUIRED ITEM Connects a CrossBar or group of CrossBar fixtures to the power supply.	
Y-Split Connector 	CB-FMC-Y2 Length8in (200mm) Required to connect each additional CrossBar in a series of fixtures to a single power supply.	
Jump Connector 	CB-FMC-6 Length6ft (1.83m) Connects Y-Split connectors and the final fixture in the series. Do not connect CrossBar directly to another CrossBar with jump connectors.	

Fixture Type

Project Name

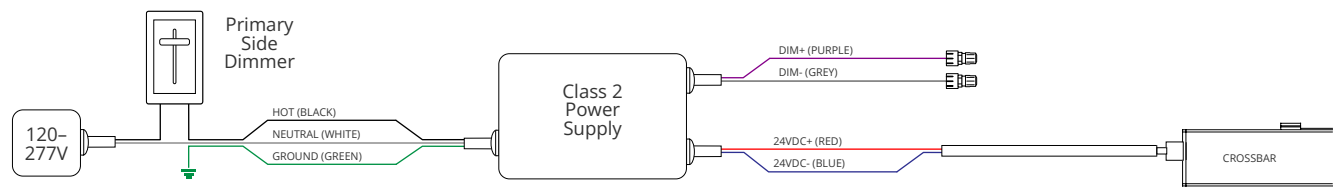
Location



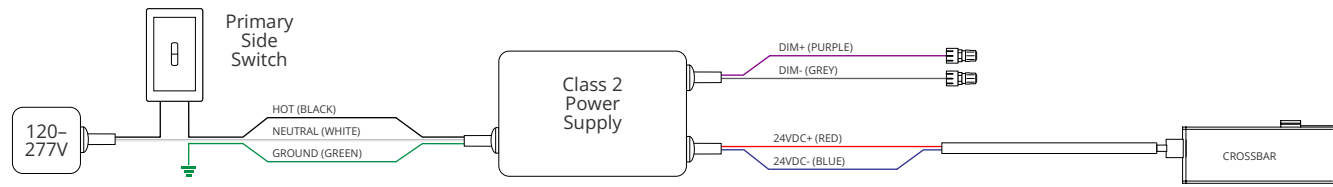
Wiring Options

CrossBar

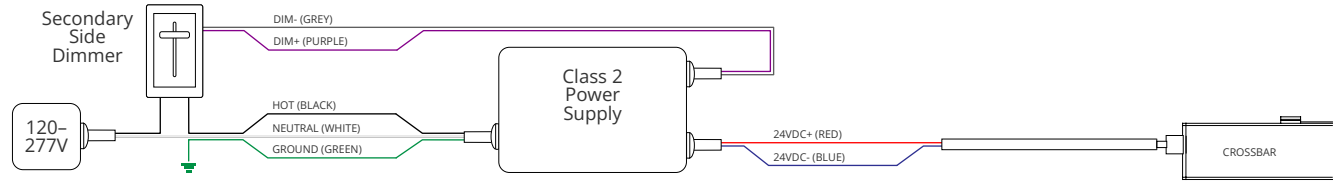
PRIMARY SIDE DIMMING (120V ONLY)



PRIMARY SIDE SWITCHING (120-277V)



0-10V DIMMING (120-277V)



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