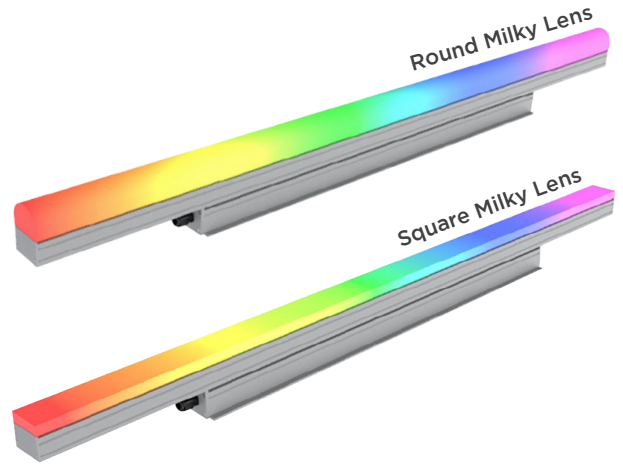


### PIXEL BAR

The Pixel Bar is a color changing RGBW fixture designed and engineered for façade and bridge illumination and installations that require seamless light. Choose from square or rounded acrylic lenses that diffuse the LEDs for a smooth, diode-free appearance. The Pixel Bar features addressable 1.97 in. (50 mm) pixels that can be controlled by DMX for amazing effects. It is available in three set sizes up to 47.25 in. (1200 mm).

- Pixel Bar fixtures use AC power -- no external driver needed!
- Decorative, accent lighting bar
- Addressable 1.97 in. (50 mm) pixels
- 7.9 W/ft (26 W/m)
- Three sizes:  
23.62 in. (600 mm), 35.43 in. (900 mm), 47.24 in. (1200 mm)
- Square lens with 140°x110° beam angle
- Round lens with 180°x110° beam angle
- Control with DMX
- 5-year warranty



**RoHS IP66**

### ORDERING GUIDE

Category	Input Voltage	Length & Number of Pixels	Color	Control	Lens
<b>PXLBAR</b>	<b>AC</b>		<b>RGB30</b>	<b>DMX</b>	
<b>PXLBAR - Pixel Bar Fixture</b>	<b>AC - AC 100-277V AC</b>	<b>2412</b> - 23.62 in. / 600 mm (17W), 12 pixels <b>3618</b> - 35.43 in. / 900 mm (23W), 18 pixels <b>4724</b> - 47.24 in. / 1200 mm (32W), 24 pixels	<b>RGB30 - RGB+3000K</b>	<b>DMX - DMX</b>	<b>RM</b> - Round Milky Lens <b>SM</b> - Square Milky Lens

Mounting Option	Fixture Finish
<b>TS</b> - Tilttable Stand	<b>GY</b> - Gray
<b>FM</b> - Fixed Mounting	<b>BK</b> - Black
	<b>WH</b> - White

#### OPTIONAL ACCESSORIES:

##### 1.) 6 Pin Male to Female Jumper Cable:

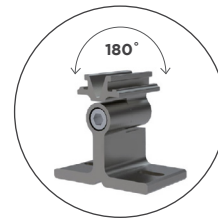
- MINIJUMP6PINMK1000 (3 ft 3.3 in. / 1000 mm)
- MINIJUMP6PINMK2000 (6 ft 6.7 in. / 2000 mm)

##### 2.) 6 Pin Cable with Female Connector to Bare Wire:

- MINICLFB6PIN2000 (6 ft 6.7 in. / 2000 mm)
- MINICLFB6PIN6000 (19 ft 8.22 in. / 6000 mm)

##### 3.) End Cap:

- MINIAC-CAPRGBW



**Tilttable Stand**  
For adjustable mounting angles from 0°-180°



**Fixed Mounting**  
For mounting without adjustable angles

### AVAILABLE COLORS



RGBW (3000K)

### BEAM ANGLES



140°x110°  
(Square Lens)

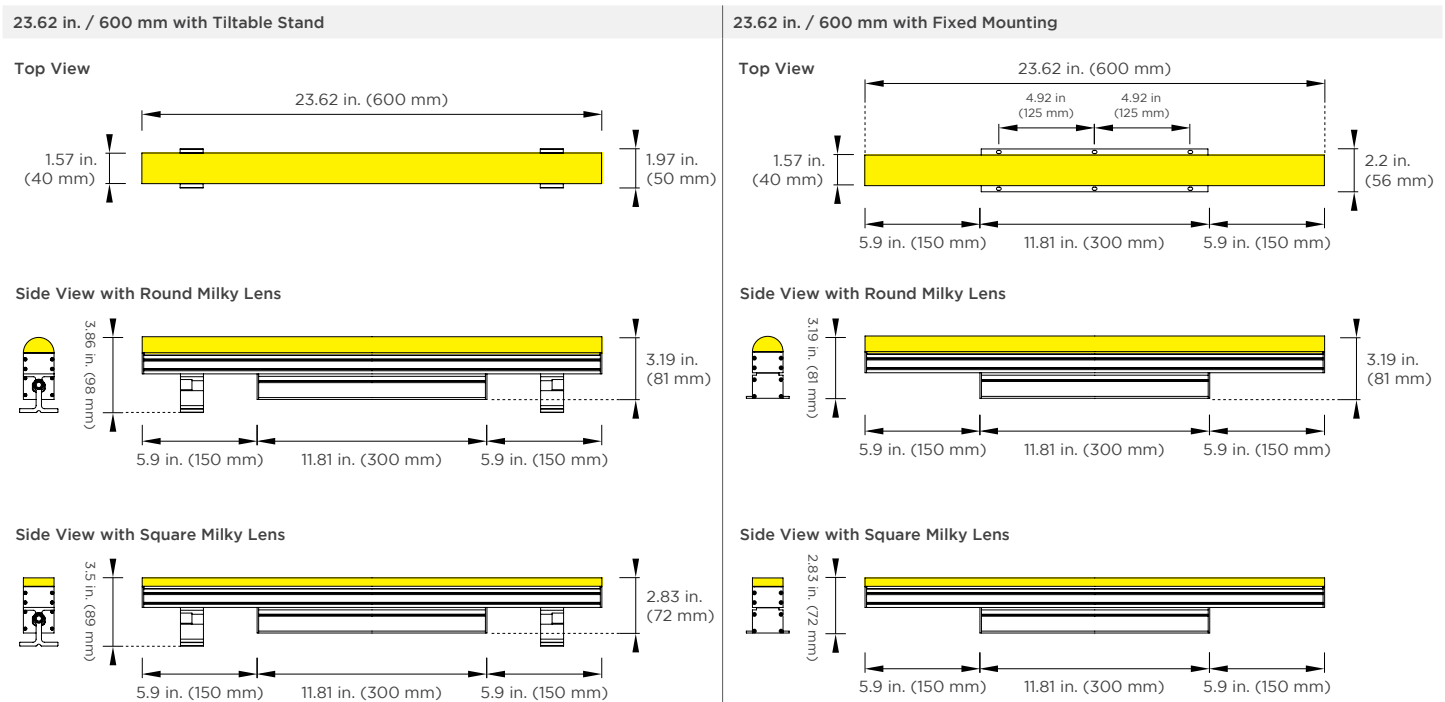
180°x110°  
(Round Lens)

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**SPECIFICATIONS**

<b>Operating Voltage</b>	100-277V AC		
<b>Length</b>	23.62 in. / 600 mm	35.43 in. / 900 mm	47.24 in. / 1200 mm
<b>Power Consumption</b>	17 W	23 W	32 W
<b>LEDs per Fixture</b>	12 LEDs	18 LEDs	24 LEDs
<b>Amperage</b>	0.084 A	0.115 A	0.146 A
<b>Lumen Output</b>	Square Lens: 178.86 lm/ft (586.67 lm/m) Round Lens: 216.97 lm/ft (711.67 lm/m)	Square Lens: 183.86 lm/ft (603.22 lm/m) Round Lens: 199.71 lm/ft (655.22 lm/m)	Square Lens: 219.28 lm/ft (719.25 lm/m) Round Lens: 214.08 lm/ft (702.17 lm/m)
<b>Lumen / Watt</b>	Square Lens: 20.36 lm/W Round Lens: 24.68 lm/W	Square Lens: 23.56 lm/W Round Lens: 25.44 lm/W	Square Lens: 27.51 lm/W Round Lens: 26.9 lm/W
<b>Total Lumen</b>	Square Lens: 352.4 Round Lens: 427	Square Lens: 542.9 Round Lens: 589.7	Square Lens: 863.1 Round Lens: 842.6
<b>Max # of Daisy Chained Fixtures</b>	10 fixtures	7 fixtures	5 fixtures
<b>Color / Temperature</b>	RGBW (3000K)		
<b>LED Beam Angle</b>	Square Milky Lens: 140°x110° Round Milky Lens: 180°x110°		
<b>Control System</b>	DMX		
<b>Ambient Temperature</b>	-4° F to 122° F (-20° C to 50° C)		
<b>Housing / Lens Materials</b>	Housing: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Flat acrylic cover End Caps: Extruded Aluminium / Brackets: Extruded Aluminium Housing, bracket, end cap material - 6063 high density aluminum alloy		
<b>Connector</b>	6 pin power connector / 6 pin DMX signal connector		
<b>Cable Length</b>	6 Pin Cable with Female Connector to Bare Wire: 6 ft 6.7 in. (2000 mm), 19 ft 8.22 in. (6000 mm) 6 Pin Male to Female Jumper Cable: 3 ft 3.3 in. (1000 mm), 6 ft 6.7 in. (2000 mm)		
<b>Protection Rating</b>	IP66		
<b>Mounting Options</b>	Large Tilttable Stand (180° adjustable), fixed mounting		
<b>Impact Rating</b>	IK07		
<b>Lamp Life</b>	L70 @ 100,000 hours		
<b>Certifications</b>	CE, UL 1598, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 / Luminaires - CSA C22.2 No.250.0-08, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 (R2013)		
<b>Fixture Color Finish</b>	Gray, Black and White		
<b>Warranty</b>	5 years		

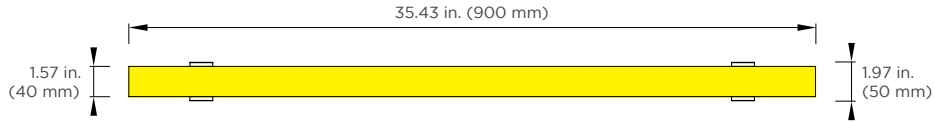
**DIMENSIONS** (continues on next page)



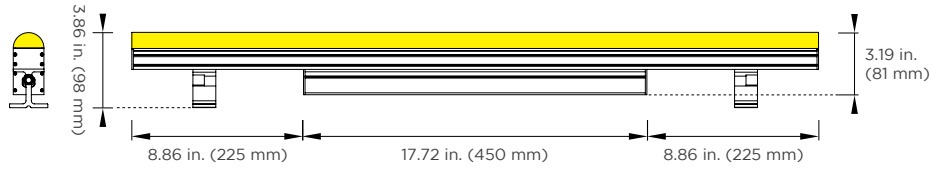
**DIMENSIONS**

**35.43 in. / 900 mm with Tilttable Stand**

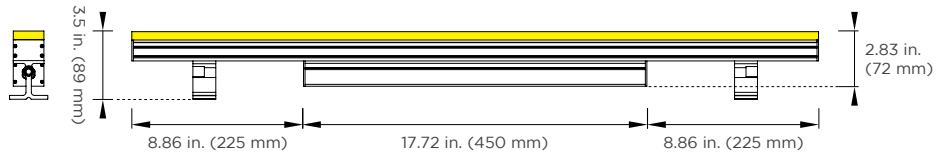
Top View



Side View with Round Milky Lens

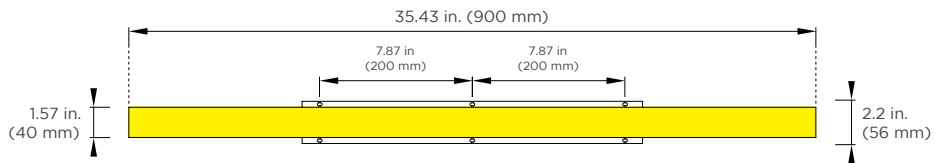


Side View with Square Milky Lens

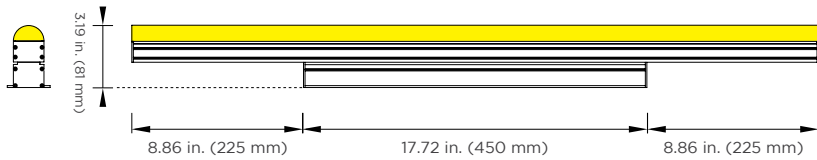


**35.43 in. / 900 mm with Fixed Mounting**

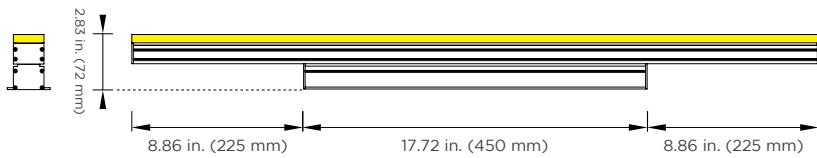
Top View



Side View with Round Milky Lens



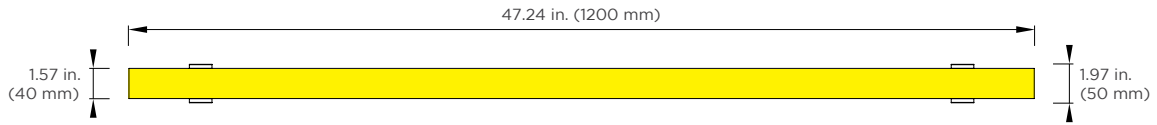
Side View with Square Milky Lens



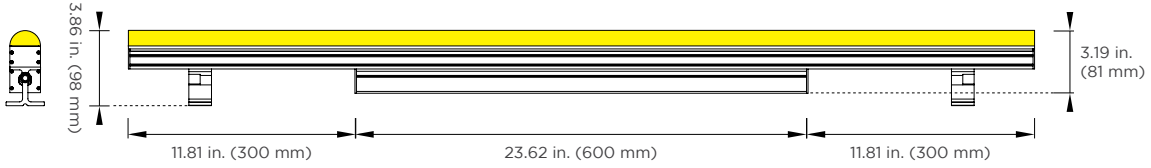
**DIMENSIONS**

**47.24 in. / 1200 mm with Tiltable Stand**

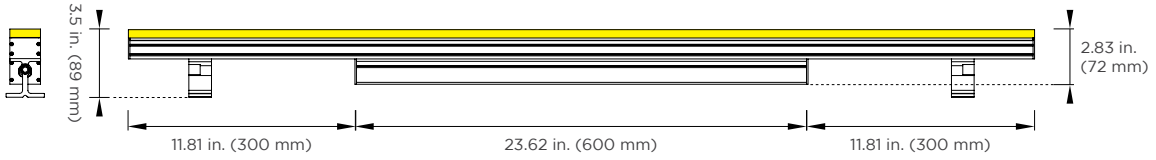
Top View



Side View with Round Milky Lens

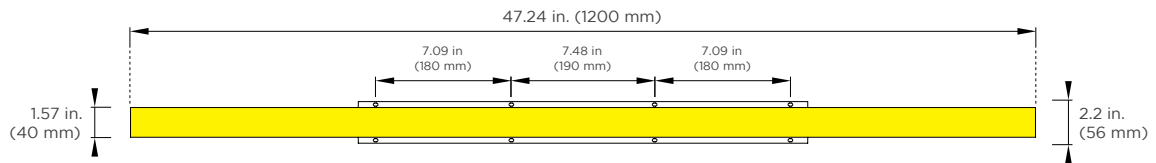


Side View with Square Milky Lens

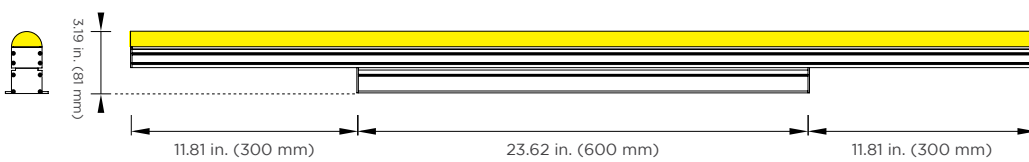


**47.24 in. / 1200 mm with Fixed Mounting**

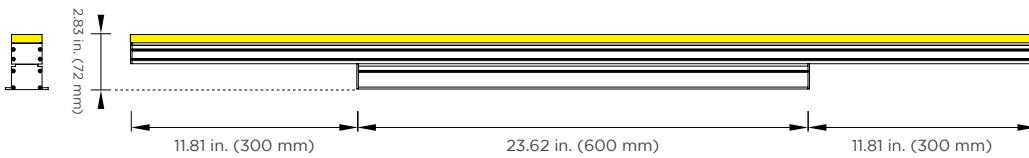
Top View



Side View with Round Milky Lens



Side View with Square Milky Lens



ACCESSORIES

**6 Pin Cable with Female Connector to Bare Wire (Power)**

To bare wire for incoming power  
Lengths: 78.74 in. (2000 mm) and 19.7 ft (6000 mm)



Part Number:  
MINICBLFB6PIN2000 (6 ft 6.7 in. / 2000 mm)  
MINICBLFB6PIN6000 (19 ft 8.22 in. / 6000 mm)

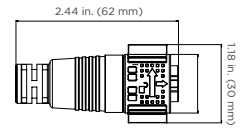
**6 Pin Male To Female Jumper Cable**

To connect 6 pin male connector to 6 pin female connector  
Lengths: 39.4 in. (1000 mm) and 78.7 in. (2000 mm)  
(Consult factory for custom length)



Part Number:  
MINIJUMP6PINMK1000 (3 ft 3.3 in. / 1000 mm)  
MINIJUMP6PINMK2000 (6 ft 6.7 in. / 2000 mm)

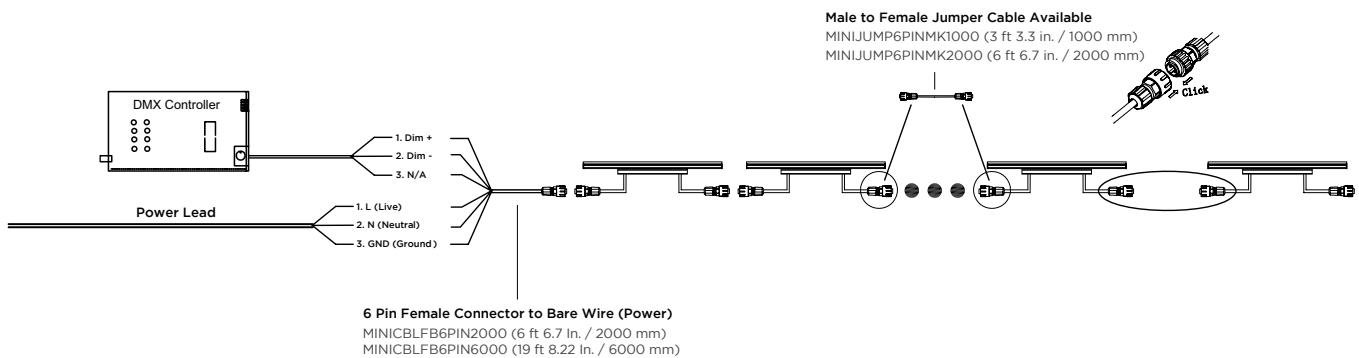
**End Cap**



Build in 120Ω resistor

Part Number:  
MINIAC-CAPRGBW

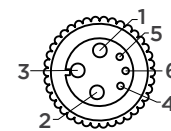
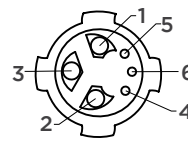
CONNECTION



6-PIN CONNECTOR AND WIRE SPECS

Cable	Function	Pin ID	Wire Size	Wire Color (US)
Power Lead in / Power Extension	L (Line)	1	16AWG	Black
	N (Neutral)	2	16AWG	White
	GND (Ground)	3	16AWG	Green
DMX	DMX +	4	22AWG	Purple
	DMX -	5	22AWG	Gray
	GND	6	22AWG	Yellow
Power & Data Lead in / Power & Data Extension Cable	L (Line)	1	16AWG	Black
	N (Neutral)	2	16AWG	White
	GND (Ground)	3	16AWG	Green
	DMX +	4	22AWG	Purple
	DMX -	5	22AWG	Gray
	GND	6	22AWG	Yellow

PIN ID:



6-Pin Connector is used for the following cables:

1. Fixture in/out
2. MINIJUMP6PINMK1000
3. MINIJUMP6PINMK2000
4. MINICBLFB6PIN2000
5. MINICBLFB6PIN6000