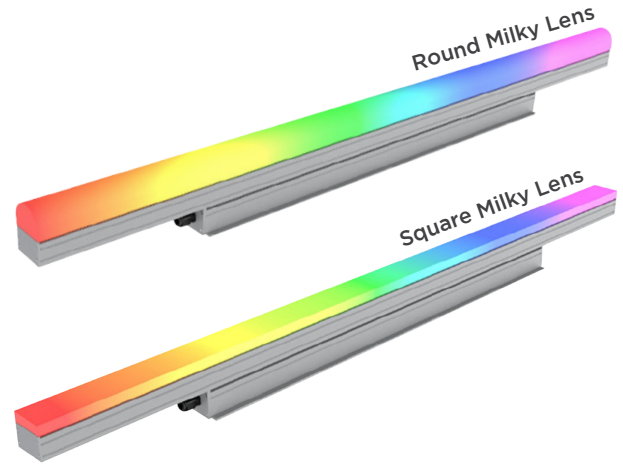


## PIXEL BAR

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</b> - Pixel Bar Fixture	<b>AC</b> - AC 24V	<b>2412</b> - 23.62 in. / 600 mm (17W), 12 pixels	<b>RGB30</b> - RGBW (3000K)	<b>DMX</b> - DMX	<b>RM</b> - Round Milky Lens
		<b>3618</b> - 35.43 in. / 900 mm (23W), 18 pixels			<b>SM</b> - Square Milky Lens
		<b>4724</b> - 47.24 in. / 1200 mm (32W), 24 pixels			
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:

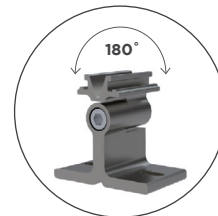
MINIJUMP6PINMK1000 (3 ft 3.3 in. / 1000 mm)  
MINIJUMP6PINMK2000 (6 ft 6.7 in. / 2000 mm)

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

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

#### 3.) End Cap:

MINIAC-CAPRGBW



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



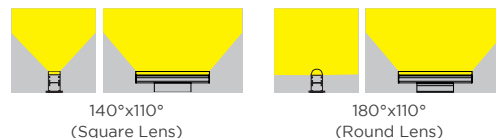
**Fixed Mounting**  
For mounting  
without adjustable angles

## AVAILABLE COLORS



RGBW (3000K)

## BEAM ANGLES



Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

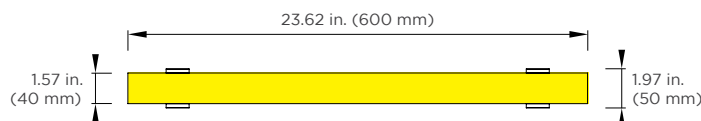
## SPECIFICATIONS

Operating Voltage	AC 24 V		
Length	23.62 in. / 600 mm	35.43 in. / 900 mm	47.24 in. / 1200 mm
Power Consumption	17 W	23 W	32 W
LEDs per Fixture	12 LEDs	18 LEDs	24 LEDs
Amperage	0.084 A	0.115 A	0.146 A
Lumen Output	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)
Lumen / Watt	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
Total Lumen	Square Lens: 352.4 Round Lens: 427	Square Lens: 542.9 Round Lens: 589.7	Square Lens: 863.1 Round Lens: 842.6
Max # of Daisy Chained Fixtures	10 fixtures	7 fixtures	5 fixtures
Color / Temperature	RGBW (3000K)		
LED Beam Angle	Square Milky Lens: 140°x110° Round Milky Lens: 180°x110°		
Control System	DMX		
Ambient Temperature	-4° F to 122° F (-20° C to 50° C)		
Housing / Lens Materials	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		
Connector	6 pin power connector / 6 pin DMX signal connector		
Cable Length	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)		
Protection Rating	IP66		
Mounting Options	Large Tilttable Stand (180° adjustable), fixed mounting		
Impact Rating	IK07		
Lamp Life	L70 @ 100,000 hours		
Certifications	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)		
Fixture Color Finish	Gray, Black and White		
Warranty	5 years		

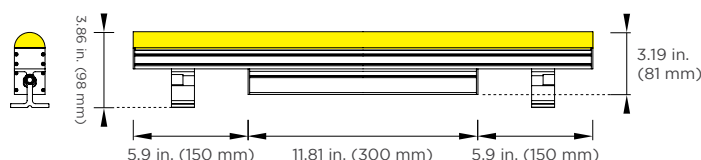
## DIMENSIONS (continues on next page)

### 23.62 in. / 600 mm with Tilttable Stand

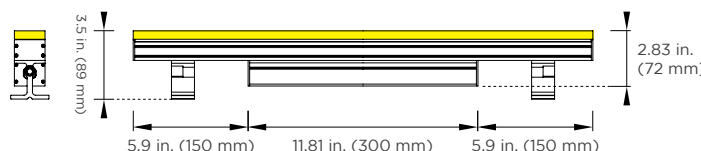
#### Top View



#### Side View with Round Milky Lens

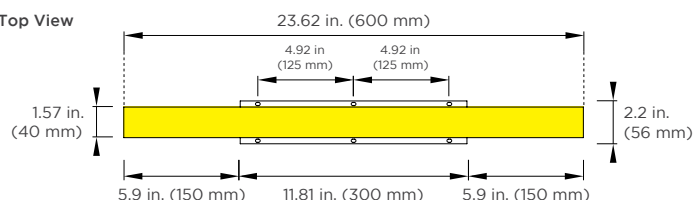


#### Side View with Square Milky Lens

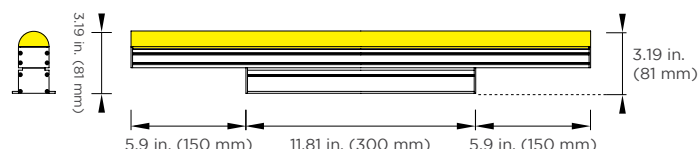


### 23.62 in. / 600 mm with Fixed Mounting

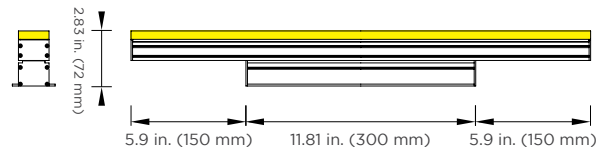
#### Top View



#### Side View with Round Milky Lens



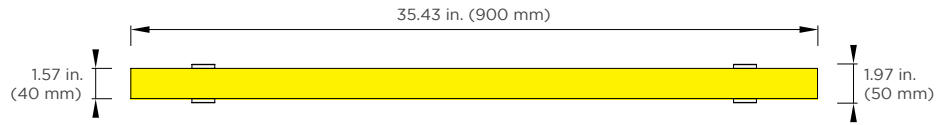
#### Side View with Square Milky Lens



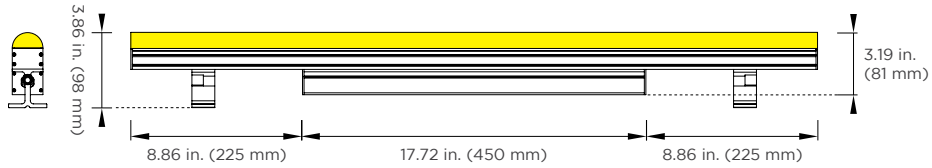
## DIMENSIONS

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

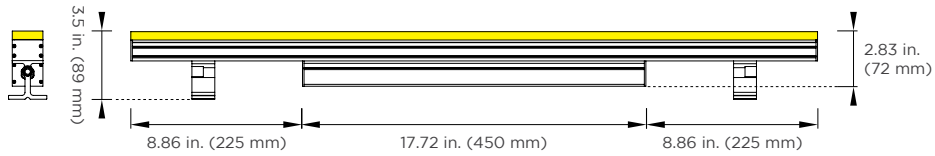
#### Top View



#### Side View with Round Milky Lens

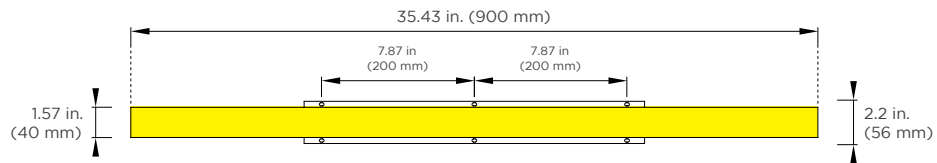


#### Side View with Square Milky Lens

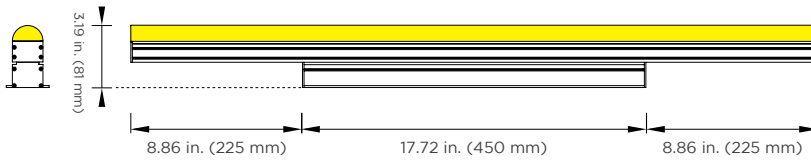


### 35.43 in. / 900 mm with Fixed Mounting

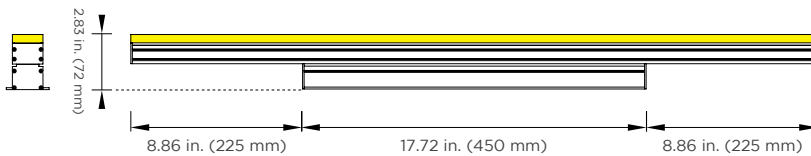
#### Top View



#### Side View with Round Milky Lens



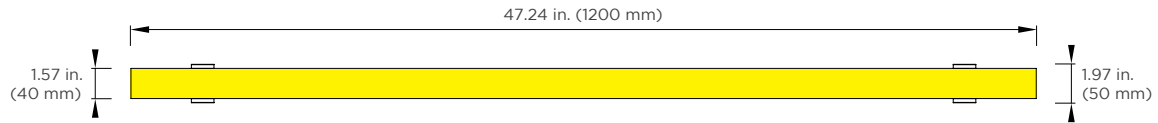
#### Side View with Square Milky Lens



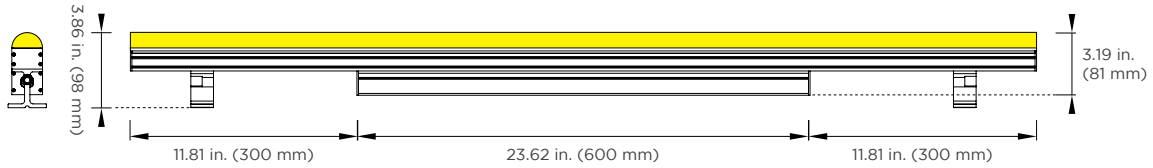
## DIMENSIONS

### 47.24 in. / 1200 mm with Tilttable Stand

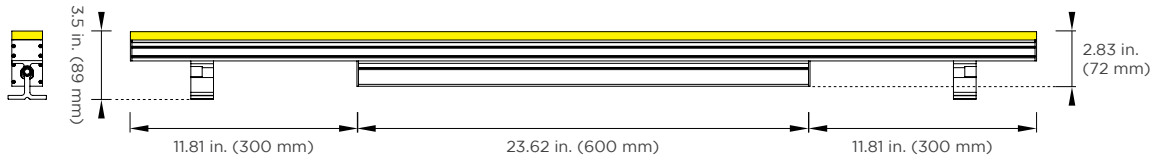
#### Top View



#### Side View with Round Milky Lens

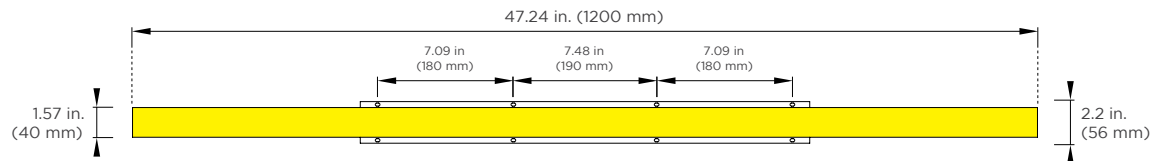


#### Side View with Square Milky Lens

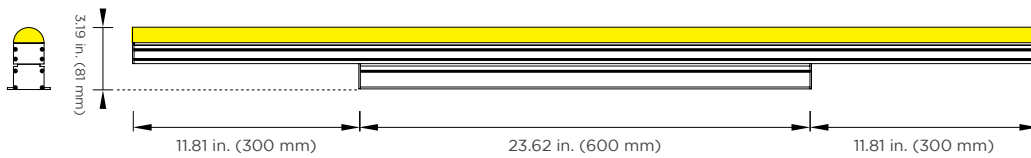


### 47.24 in. / 1200 mm with Fixed Mounting

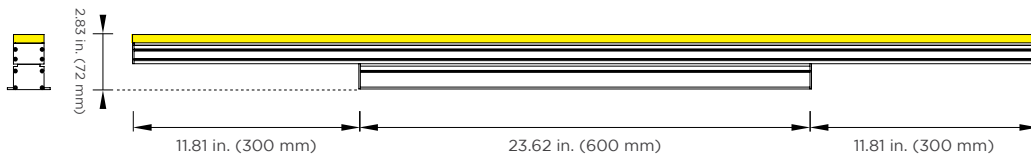
#### Top View



#### 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

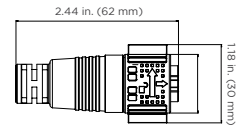
Lengths: 39.4 in. (1000 mm) and 78.7 in. (2000 mm)

(Consult factory for custom length)



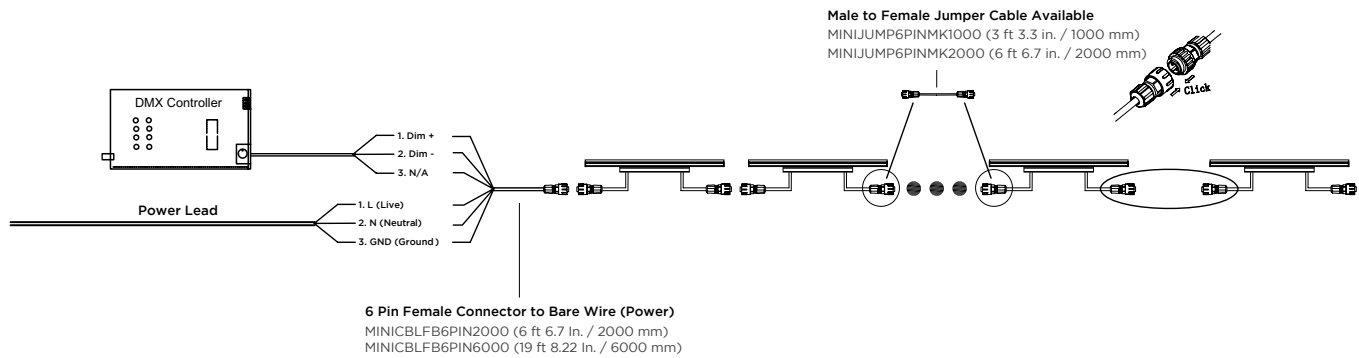
Part Number:  
MINIJUMP6PINMK1000 (3 ft 3.3 in. / 1000 mm)  
MINIJUMP6PINMK2000 (6 ft 6.7 in. / 2000 mm)

### End Cap



Part Number:  
MINIAC-CAPRGBW

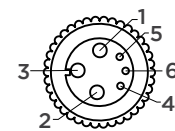
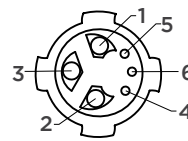
## CONNECTION



### 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