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

Round Milky Lens

Square Milky Lens
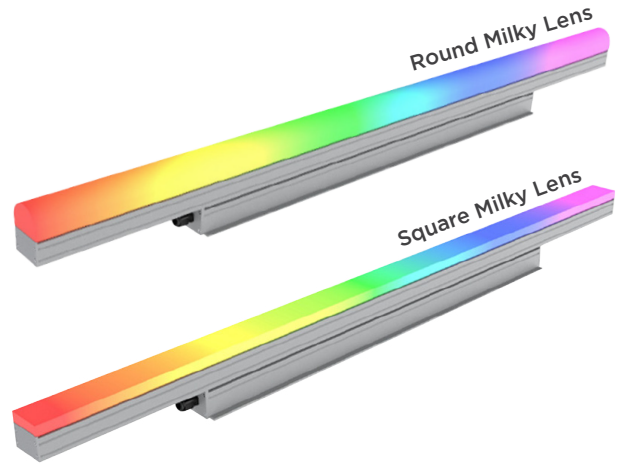
UL CE RoHS IP66

ORDERING GUIDE

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

Mounting Option	Fixture Finish
TS - Tiltable Stand	**GY** - Gray
FM - Fixed Mounting	**BK** - Black
	WH - White

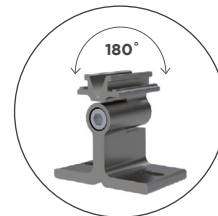**OPTIONAL ACCESSORIES:**

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

180°

Tiltable Stand
For adjustable mounting angles
from 0°-180°

Fixed Mounting
For mounting
without adjustable angles

AVAILABLE COLORS

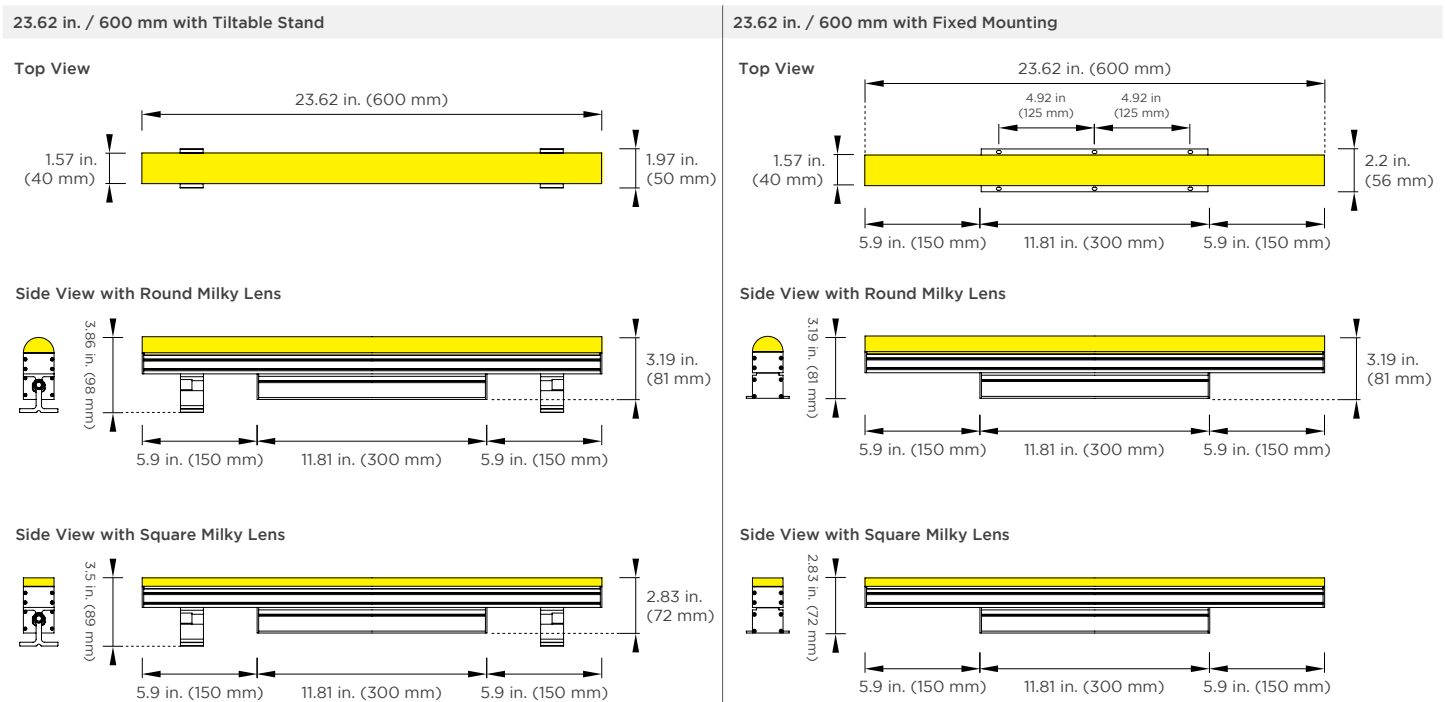RGBW (3000K)

BEAM ANGLES

140°x110°
(Square Lens)

180°x110°
(Round Lens)

SPECIFICATIONS

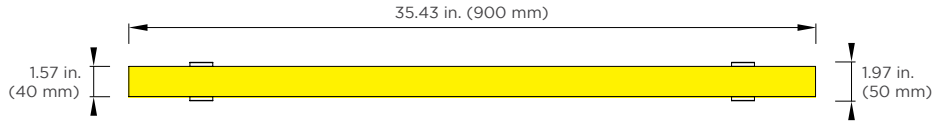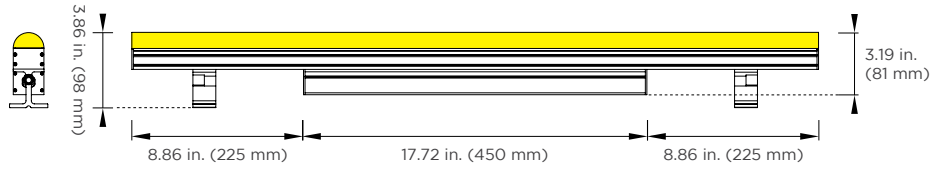|			
Operating Voltage	100-277V AC		
Length	23.62 in. / 600 mm	35.43 in. / 900 mm	47.24 in. / 1200 mm
Power Consumption	17 W	23 W	32 W
LEDs per Fixture	12 LEDs	18 LEDs	24 LEDs
Amperage	0.084 A	0.115 A	0.146 A
Lumen Output	Square Lens: 178.86 lm/ft (586.67 lm/m) Round Lens: 216.97 lm/ft (711.67 lm/m)	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 Tiltable 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 Tiltable Stand
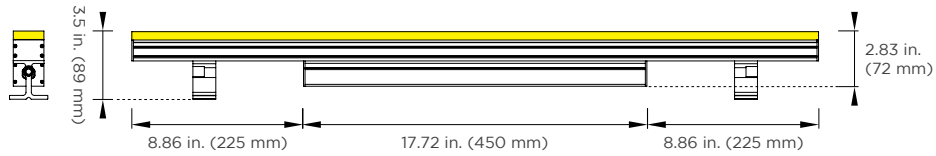

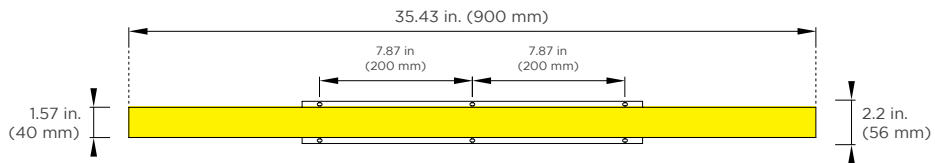**Top View**

Side View with Round Milky Lens

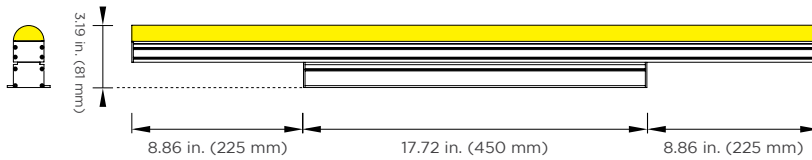**Side View with Square Milky Lens**

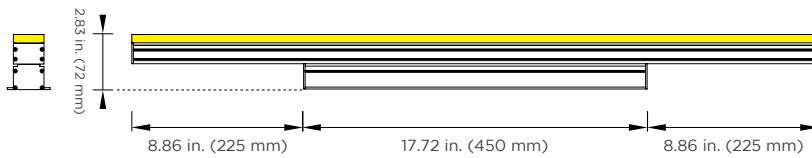### 23.62 in. / 600 mm with Fixed Mounting

Top View

Side View with Round Milky Lens

Side View with Square Milky Lens

DIMENSIONS

35.43 in. / 900 mm with Tiltable Stand

Top View

35.43 in. (900 mm)

1.57 in. (40 mm)

1.97 in. (50 mm)

Side View with Round Milky Lens

3.86 in. (98 mm)

3.19 in. (81 mm)

8.86 in. (225 mm) 17.72 in. (450 mm) 8.86 in. (225 mm)

Side View with Square Milky Lens

3.5 in. (89 mm)

2.83 in. (72 mm)

8.86 in. (225 mm) 17.72 in. (450 mm) 8.86 in. (225 mm)

35.43 in. / 900 mm with Fixed Mounting

Top View

35.43 in. (900 mm)

7.87 in (200 mm) 7.87 in (200 mm)

1.57 in. (40 mm)

2.2 in. (56 mm)

Side View with Round Milky Lens

3.19 in. (81 mm)

8.86 in. (225 mm) 17.72 in. (450 mm) 8.86 in. (225 mm)

Side View with Square Milky Lens

2.83 in. (72 mm)

8.86 in. (225 mm) 17.72 in. (450 mm) 8.86 in. (225 mm)

DIMENSIONS

47.24 in. / 1200 mm with Tiltable Stand

Top View

47.24 in. (1200 mm)

1.57 in. (40 mm)

1.97 in. (50 mm)

Side View with Round Milky Lens

3.86 in. (98 mm)

3.19 in. (81 mm)

11.81 in. (300 mm)   23.62 in. (600 mm)   11.81 in. (300 mm)

Side View with Square Milky Lens

3.5 in. (89 mm)

2.83 in. (72 mm)

11.81 in. (300 mm)   23.62 in. (600 mm)   11.81 in. (300 mm)
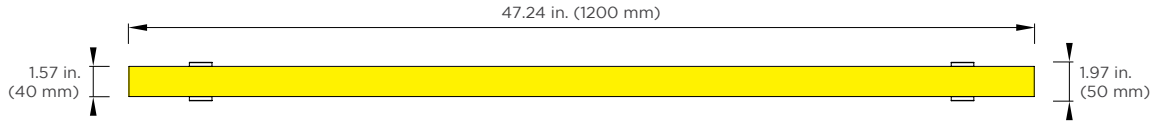
47.24 in. / 1200 mm with Fixed Mounting

Top View

47.24 in. (1200 mm)

7.09 in (180 mm)   7.48 in (190 mm)   7.09 in (180 mm)

1.57 in. (40 mm)

2.2 in. (56 mm)

Side View with Round Milky Lens

3.19 in. (81 mm)

11.81 in. (300 mm)   23.62 in. (600 mm)   11.81 in. (300 mm)

Side View with Square Milky Lens

2.83 in. (72 mm)

11.81 in. (300 mm)   23.62 in. (600 mm)   11.81 in. (300 mm)
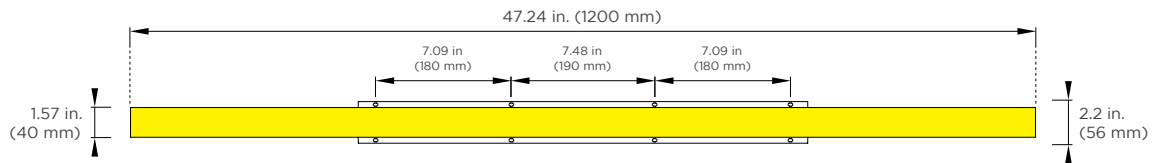
ACCESSORIES

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)
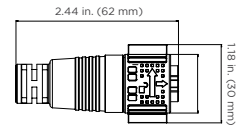MINICBLFB6PIN6000 (19 ft 8.22 In. / 6000 mm)

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)
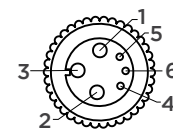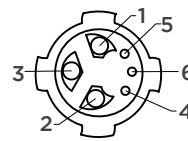MINIJUMP6PINMK2000 (6 ft 6.7 in. / 2000 mm)

End Cap

2.44 in. (62 mm)
1.18 in. (30 mm)

Build in 120Ω resistor

Part Number:
MINIAC-CAPRGBW

CONNECTION

Male to Female Jumper Cable Available
MINIJUMP6PINMK1000 (3 ft 3.3 in. / 1000 mm)
MINIJUMP6PINMK2000 (6 ft 6.7 in. / 2000 mm)

Click

DMX Controller

1. Dim +
2. Dim -
3. N/A

Power Lead

1. L (Live)
2. N (Neutral)
3. GND (Ground)

6 Pin Female Connector to Bare Wire (Power)
MINICBLFB6PIN2000 (6 ft 6.7 In. / 2000 mm)
MINICBLFB6PIN6000 (19 ft 8.22 In. / 6000 mm)
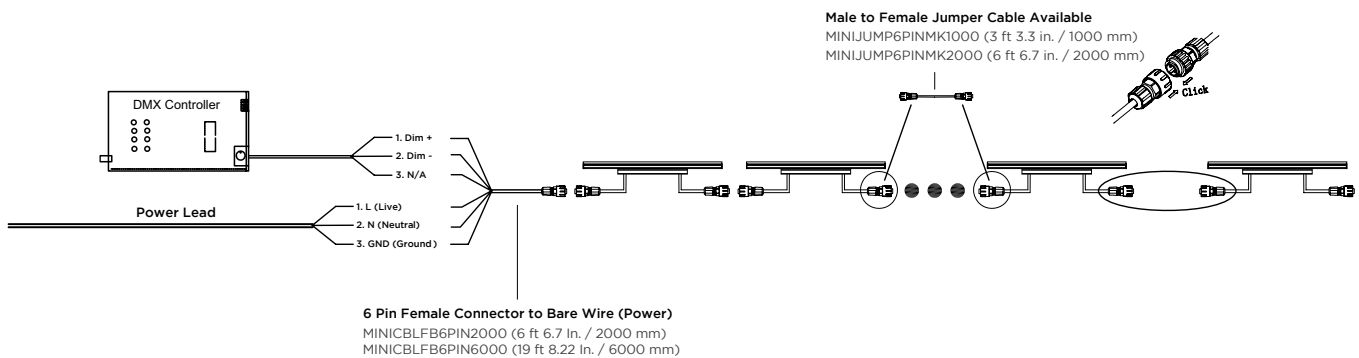
6-PIN CONNECTOR AND WIRE SPECS

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

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