

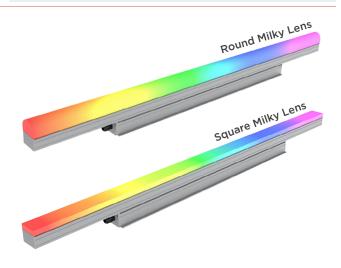
Date Project

Notes

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 140x110° beam angle
- Round lens with 180x110° beam angle
- · Control with DMX
- 5-year warranty









RoHS I

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 StandFor adjustable mounting angles from 0°-180°

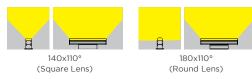


Fixed MountingFor mounting
without adjustable angles

AVAILABLE COLORS



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

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 0.0146 A Lumen Output Square Lens: 178.86 int/ft (586.67 lm/m) Round Lens: 216.97 lm/ft (711.67 lm/m) Square Lens: 183.86 int/ft (603.22 lm/m) Round Lens: 219.28 lm/ft (719.25 lm/m) Round Lens: 219.28 lm/ft (719.25 lm/m) Round Lens: 240.68 lm/W Square Lens: 25.14 lm/m Round Lens: 240.68 lm/W Square Lens: 25.14 lm/m Round Lens: 240.68 lm/W Round Lens: 25.44 lm/w Square Lens: 25.19 lm/m Round Lens: 240.68 lm/W Round Lens: 25.44 lm/w Square Lens: 25.19 lm/m Round Lens: 240.68 lm/W Round Lens: 25.44 lm/w Square Lens: 25.19 lm/m Round Lens: 240.68 lm/W Round Lens: 242.69 lm/W Round Lens: 25.44 lm/w Square Lens: 25.19 lm/m Round Lens: 240.68 lm/W Round Lens: 25.44 lm/w Square Lens: 25.10 lm/m Round Lens: 240.68 lm/W Round Lens: 25.44 lm/w Square Lens: 25.10 lm/m Round Lens: 240.68 lm/W Round Lens: 240.68 lm	Operating Voltage		100-277V AC			
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 In/ft (586.67 Im/m) Round Lens: 216.97 Im/ft (711.67 Im/m) Square Lens: 183.86 Im/ft (603.22 Im/m) Round Lens: 214.08 Im/ft (702.37 Im/m) Round Lens: 224.08 Im/ft (701.67 Im/m) Square Lens: 29.56 Im/m Round Lens: 224.08 Im/ft (702.37 Im/m) Lumen / Watt Square Lens: 20.36 Im/W Round Lens: 246.86 Im/W Round Lens: 25.56 Im/m Round Lens: 246.86 Im/W Round Lens: 245.56 Im/W Round Lens: 246.91 Im/W Round Lens: 242.94 Round Lens: 242.48 Im/W Round Lens: 242.94 Round Lens: 242.48 Im/W Round Lens: 242.94 Round Lens: 242.69 Im/W Round Lens: 242.60 Im/W Round Le		23.62 in. / 600 mm		47.24 in. / 1200 mm		
Amperage 0.084 A 0.115 A 0.146 A Lumen Output Square Lens: 178.86 Im/ft (586.67 Im/m) Round Lens: 216.97 Im/ft (711.67 Im/m) Square Lens: 183.86 Im/ft (603.22 Im/m) Round Lens: 214.08 Im/ft (719.25 Im/m) Round Lens: 216.97 Im/ft (710.67 Im/m) Square Lens: 225.01 Im/m Round Lens: 214.08 Im/ft (709.27 Im/m) Lumen / Watt Square Lens: 326.97 Im/ft (711.67 Im/m) Square Lens: 235.61 Im/W Round Lens: 23.61 Im/W Round Lens: 23.64 Im/W Round Lens: 24.68 Im/W Round Lens: 25.44 Im/W Round Lens: 26.91 Im/W Rou	Power Consumption	17 W	23 W	32 W		
Lumen Output Square Lens: 178.86 Im/ft (586.67 Im/m) Round Lens: 198.36 Im/ft (603.22 Im/m) Round Lens: 219.29 Im/ft (711.67 Im/m) Square Lens: 198.36 Im/ft (603.22 Im/m) Round Lens: 219.28 Im/ft (719.25 Im/m) Lumen / Watt Square Lens: 20.36 Im/W Round Lens: 24.68 Im/W Round Lens: 24.68 Im/W Round Lens: 24.68 Im/W Round Lens: 24.68 Im/W Round Lens: 25.44 Im/W Round Lens: 25.49 Im/W Round Lens: 26.9 Im/W Round Lens: 26.9 Im/W Round Lens: 24.69 Im/W Round Lens:	LEDs per Fixture	12 LEDs	18 LEDs	24 LEDs		
Lumen Output Round Lens: 216.97 Im/ft (711.67 Im/m) Round Lens: 199.71 Im/ft (655.22 Im/m) Round Lens: 214.08 Im/ft (702.17 Im/m) Lumen / Watt Square Lens: 22.36 Im/W Round Lens: 25.36 Im/W Round Lens: 25.44 Im/W Square Lens: 27.51 Im/W Round Lens: 25.44 Im/W Square Lens: 582.9 Im/W Round Lens: 589.1 Total Lumen Square Lens: 352.4 Round Lens: 427 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) USE TRANSPORTED TO THE PROPRIED TO THE PROPR	Amperage	0.084 A	0.115 A	0.146 A		
Lumen / Watt Round Lens: 24.68 Im/W Round Lens: 25.44 Im/W Round Lens: 25.9 Im/W Total Lumen Square Lens: 352.4 Round Lens: 582.9 Round Lens: 863.1 Round Lens: 842.6 Square Lens: 863.1 Round Lens: 842.6 Max # of Dalsy Chained Fixtures 10 fixtures 7 fixtures 5 fixtures Color / Temperature RGBW (3000K) Total Lumen Milky Lens: 140x110° Round Milky Lens: 180x110° Control System DMX Ambient Temperature DMX Housing / Lens Materials Housing: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Flat acrylic cover Flat acrylic cover PMA Cover: Flat acrylic cover Flat acrylic cover PMA Cover: Flat acrylic cov	Lumen Output					
Total Lumen Round Lens: 427 Round Lens: 589.7 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: 140x110° Round Milky Lens: 180x110° Control System DMX Ambient Temperature Agree (-20 – 50°C) Housing Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Flat acrylic cover Cover: Flat acrylic cover Housing / Lens Materials Agree (-20 – 50°C) End Caps: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Flat acrylic cover Clear UV Protected PMMA Cover: Flat acrylic cover Connector 6 pin power connector / 6 pin pMx 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) Protection Rating IP66 Mounting Options Large Tiltable Stand (180° adjustable), fixed mounting (180° adjustab	Lumen / Watt			The state of the s		
Color / Temperature LED Beam Angle Square Milky Lens: 140x110° Round Milky Lens: 180x110° Control System DMX Ambient Temperature -4 – 122 °F (-20 – 50 °C) 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 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 Mounting Options Large Tiltable Stand (180° adjustable), fixed mounting Impact Rating Lifetime (L70 reported) Cettifications Fixure Color Finish Gray, Black and White	Total Lumen	· ·	· ·	· ·		
LED Beam Angle Square Milky Lens: 140x110° Round Milky Lens: 180x110° Control System DMX Ambient Temperature -4 – 122 °F (-20 – 50 °C) Housing / Lens Materials Housing: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Flat acrylic cover End Caps: Extruded Aluminium / Prackets: 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) Protection Rating IP66 Mounting Options Large Tiltable Stand (180° adjustable), fixed mounting Impact Rating IK07 Lifetime (L70 reported) 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	Max # of Daisy Chained Fixtures	10 fixtures	7 fixtures	5 fixtures		
Control SystemDMXAmbient Temperature-4 - 122 °F (-20 - 50 °C)Housing / Lens MaterialsHousing: 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 alloyConnector6 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 RatingIP66Mounting OptionsLarge Tiltable Stand (180° adjustable), fixed mountingImpact RatingIK07Lifetime (L70 reported)100,000 hoursCertificationsCE, 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 FinishGray, Black and White	Color / Temperature	RGBW (3000K)				
Ambient Temperature-4 - 122 °F (-20 - 50 °C)Housing / Lens MaterialsHousing: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Flat acrylic cover End Caps: Extruded Aluminium / Brackets: Extruded Aluminium / Brackets: Extruded Aluminium / Brackets: Extruded Aluminium / Brackets: Extruded Aluminium alloyConnector6 pin power connector / 6 pin DMX signal connectorCable Length6 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 RatingIP66Mounting OptionsLarge Tiltable Stand (180° adjustable), fixed mountingImpact RatingIKO7Lifetime (L70 reported)100,000 hoursCertificationsCE, 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 FinishGray, Black and White	LED Beam Angle	Square Milky Lens: 140x110° Round Milky Lens: 180x110°				
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 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 Lifetime (L70 reported) 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	Control System	DMX				
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 Lifetime (L70 reported) 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	Ambient Temperature	-4 – 122 °F (-20 – 50 °C)				
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 IK07 Lifetime (L70 reported) 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	Housing / Lens Materials	Cover: Flat acrylic cover End Caps: Extruded Aluminium / Brackets: Extruded Aluminium				
Protection Rating Mounting Options Impact Rating Large Tiltable Stand (180° adjustable), fixed mounting Impact Rating Lifetime (L70 reported) 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	Connector	6 pin power connector / 6 pin DMX signal connector				
Mounting Options Large Tiltable Stand (180° adjustable), fixed mounting Impact Rating Lifetime (L70 reported) 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	Cable Length					
Impact Rating IK07 Lifetime (L70 reported) 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	Protection Rating	IP66				
Lifetime (L70 reported) 100,000 hours 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	Mounting Options	Large Tiltable Stand (180° adjustable), fixed mounting				
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	Impact Rating	IK07				
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	Lifetime (L70 reported)	100,000 hours				
	Certifications					
Warranty 5 years	Fixture Color Finish	Gray, Black and White				
	Warranty	5 years				

DIMENSIONS (continues on next page)

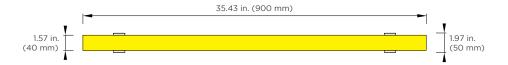
23.62 in. / 600 mm with Fixed Mounting 23.62 in. / 600 mm with Tiltable Stand Top View Top View 23.62 in. (600 mm) 4.92 in (125 mm 23.62 in. (600 mm) 1.57 in. (40 mm) 2.2 in. (56 mm) 5.9 in. (150 mm) 11.81 in. (300 mm) 5.9 in. (150 mm) Side View with Round Milky Lens Side View with Round Milky Lens 3.19 in. 3.19 in. (81 mm) (81 mm) 11.81 in. (300 mm) 5.9 in. (150 mm) 5.9 in. (150 mm) 11.81 in. (300 mm) 5.9 in. (150 mm) 5.9 in. (150 mm) Side View with Square Milky Lens Side View with Square Milky Lens 2.83 in. (72 mm) 5.9 in. (150 mm) 11.81 in. (300 mm) 5.9 in. (150 mm) 5.9 in. (150 mm) 11.81 in. (300 mm) 5.9 in. (150 mm)



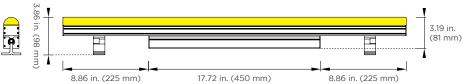
DIMENSIONS

35.43 in. / 900 mm with Tiltable Stand

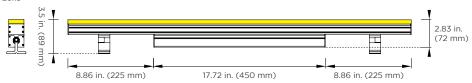
Top View



Side View with Round Milky Lens

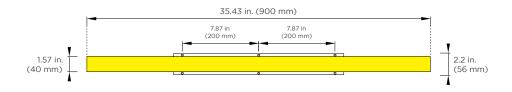


Side View with Square Milky Lens

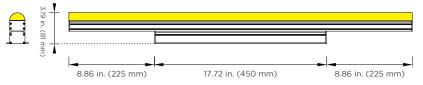


$35.43 \ \text{in.} \ / \ 900 \ \text{mm}$ with Fixed Mounting

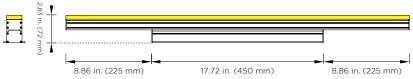
Top View



Side View with Round Milky Lens



Side View with Square Milky Lens

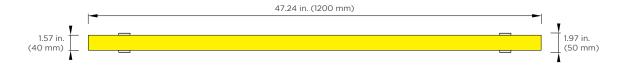




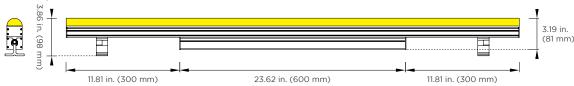
DIMENSIONS

47.24 in. / 1200 mm with Tiltable Stand

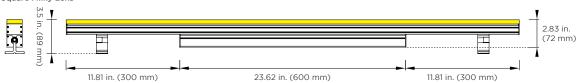
Top View



Side View with Round Milky Lens

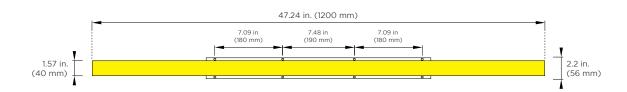


Side View with Square Milky Lens

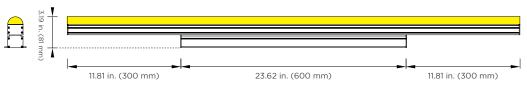


47.24 in. / 1200 mm with Fixed Mounting

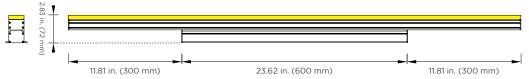
Top View



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 ln. / 2000 mm) MINICBLFB6PIN6000 (19 ft 8.22 ln. / 6000 mm)

6 Pin Male To Female Jumper Cable

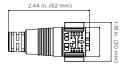
To connect 6 pin male connector to 6 pin female connector Lengths: 39.4 in. (1000 mm) and 78.7 in. (2000 mm) (Consult factory for custom length)



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

End Cap

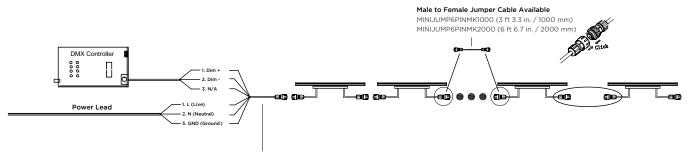






Part Number MINIAC-CAPRGBW

CONNECTION



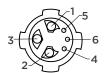
6 Pin Female Connector to Bare Wire (Power)

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

6-PIN CONNECTOR AND WIRE SPECS

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

PIN ID:





6-Pin Connector is used for the following cables:

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

REV.19AUG2025

GLOBAL HQ

320 Murray Hill Pkwy East Rutherford, NJ 07073 U.S. T: (+1) 212 629 6830

E: Sales-US@GENLEDBrands.com

EUROPEAN HQ

Hogeweyselaan 119 1382 JK Weesp Netherlands T: (+31) 346 235 000 E: SalesEurope@GENLEDBrands.com

MEINA HQ

PO Box 371378, #823, Building 4EA Dubai Airport Free Zone Dubai, UAE

T: (+971) 4 701 7901 E: SalesMEINA@genledbrands.com

ASIA-PACIFIC HQ

Room 402, Building D Shenshi Tongchuang Science and Technology Park No. 16 Hongyin Road Xingqiang Community, Xinhu Street Guangming District, Shenzhen, China 518107 T: (+86) 755 8529 0710 E: Sales-Pacific@GENLEDBrands.com