

## LBFA Series

LuxBar LED Linear Light Bar Specifications

Project \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_



VARIOUS  
SIZES  
AVAILABLE



### Description

LuxBar LED Linear Light Bar fixtures are versatile for many indoor lighting needs. The durable aluminum fixtures are available in 6, 12, 24, or 36-inch lengths with one powerful 5630 SMD LED per inch delivering up to 270 lm/ft. The high 80+ CRI ensures accurate color rendering of any illuminated object or area. Durable end connectors allow for easy plug-and-play connection of power and interconnect cables.

### Mechanical

- Silver aluminum housing
- Plug-and-play 3-pin connections
- Multiple mounting options available
- Rated Life (L70) of 40,000 Hours

### Electrical

- 24 VDC
- Multiple length/wattage options available

### Available Models<sup>1</sup>

#### Warm White

- LBFA-WW6-V3
- LBFA-WW12-V3
- LBFA-WW24-V3
- LBFA-WW36-V3
- LBFA-WW48-V3

#### Natural White

- LBFA-NW6-V3
- LBFA-NW12-V3
- LBFA-NW24-V3
- LBFA-NW36-V3
- LBFA-NW48-V3

#### Cool White

- LBFA-CW6-V3
- LBFA-CW12-V3
- LBFA-CW24-V3
- LBFA-CW36-V3
- LBFA-CW48-V3

### Part Number Breakdown

Example: LBFA-NW24-V3

Series	CCT	Length	Version
LBFA	WW [3000K] NW [4000K] or CW [5700K]	6 [6 in.]	V3 [version three]
		12 [12 in.]	
		24 [24 in.]	
		36 [36 in.]	
		48 [48 in.]	

### Photometrics

- 115° beam angle
- 80+ CRI
- Up to 270 lm/ft
- CCT options: 3000K, 4000K, or 5700K

### Application

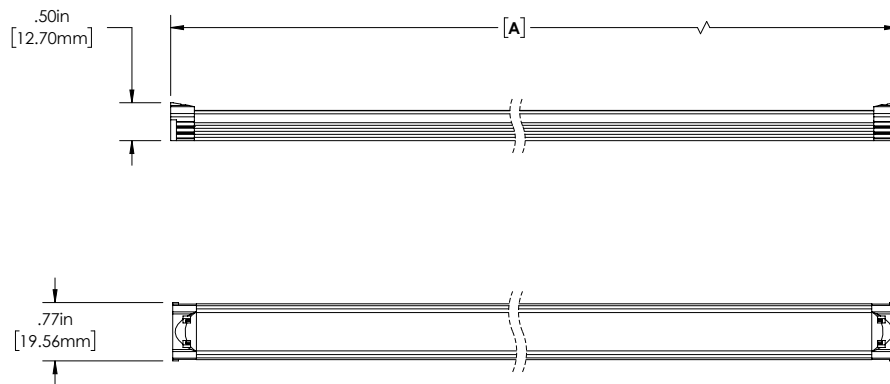
These linear LED fixtures are ideal for cabinet, under-cabinet, cove, bookshelf, showcase, and retail display lighting.

### Warranty

Five (5) Years



### Dimensional Drawing



Model	A
LBFA-xW6-V3	5.9 in. (150 mm)
LBFA-xW12-V3	11.8 in. (300 mm)
LBFA-xW24-V3	23.6 in. (600 mm)
LBFA-xW36-V3	35.4 in. (900 mm)
LBFA-xW48-V3	47.2 in. (1.2 m)



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<sup>1</sup>Contact customer service if interested in options other than those listed.

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#### Optional Accessories<sup>1</sup>

##### Power Switch Cables

- LBFA-SW30 (12" straight plug)



- LBFA-SW183 (6' right angle plug)



##### DC5.5 x 2.1 mm Barrel Power Connectors

- LBFA-P30 (0.98 ft)
- LBFA-P50 (1.64 ft)
- LBFA-P100 (3.3 ft)



##### Interconnect Jumper Cables

- LBFA-I25 (9.8 in.)
- LBFA-I50 (1.64 ft)
- LBFA-I100 (3.3 ft)
- LBFA-I150 (4.9 ft)
- LBFA-I183 (6 ft)



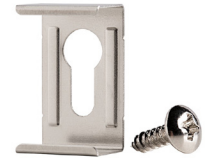
##### Pigtail Power Connector

- LBFA-PPT (19.7 in.)



##### Mounting Clips

- LBFA-MC1 (Flat Type)



- LBFA-MC2 (Angled Type)



- LBFA-MC3 (Aimable Type)



##### Dimmers

- LBFA-DT (Touch Dimmer)



##### Diffuser Lenses

- LB-DF-L142 (5.9 in.)
- LB-DF-L288 (11.8 in.)
- LB-DF-L588 (23.6 in.)
- LB-DF-L888 (35.4 in.)
- LB-DF-L1188 (47.2 in.)



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Specifications are subject to change without notice.



# LBFA Series

## LuxBar LED Linear Light Bar Specifications

### Specifications

Model LBFA-	WW6-V3	WW12-V3	WW24-V3	WW36-V3	WW48-V3
Number of LEDs	6	12	24	36	48
Power Consumption	1.7 W	3.3 W	6.6 W	10 W	13.9 W
Current Draw   24 VDC	70 mA	140 mA	280 mA	420 mA	560 mA
Max Run (Class 2)	24	12	6	4	3
Light Length	5.9 in.	11.8 in.	23.6 in.	35.4 in.	47.2 in.

Series	LBFA-xWxx-V3		
Color Temperature	3000K	4000K	5700K
Brightness	270 lm/ft	220 lm/ft	240 lm/ft
Operating Voltage	24 VDC		
Beam Angle	115°		
CRI	80+		
Dimming	yes (with compatible LBFA dimmer)		
Environmental Rating	IP20		
Rated Life (L70)	40,000 hours		
Ambient Operating Temperature	-40-113 °F (-20-45 °C)		

