

Overview

The WLBS series waterproof LED light bar is versatile and designed for indoor and outdoor use. The low-voltage and compact design provides discrete illumination in smaller locations such as RVs and trailer interiors without taking up much space. Integrated On/Off switch; DC barrel connector for easy plug-and-play operation with a CPS power supply. Surface mount onto any metal surface using integrated magnets; install to non-metal surfaces using the mounting tabs on both ends of the light bar. The 90+ high CRI is ideal for environments needing accurate color rendering and striking visual displays. A waterproof IP67 rating protects against weather conditions.

Features

- Low profile and lightweight aluminum housing
- Fully dimmable with compatible PMW dimmers
- Protective polyurethane lens cover
- IP67 rating for wet locations
- High CRI of 90+ for quality color rendering

Product Details

- Connection with female 5.5 mm x 2.1 mm DC barrel connector
- Flush mount with integrated magnets or screw mounting tabs
- Pulse Width Modulation Dimming – 0-100%
- Wide 120° beam angle
- On/Off push button
- 12 VDC

Available Models¹

- | | | |
|---|---|---|
| <u>Warm 3000K</u> | <u>Natural 4000K</u> | <u>Cool 5000K</u> |
| <input type="checkbox"/> WLBS-30K12-12V | <input type="checkbox"/> WLBS-40K12-12V | <input type="checkbox"/> WLBS-50K12-12V |
| <input type="checkbox"/> WLBS-30K18-12V | <input type="checkbox"/> WLBS-40K18-12V | <input type="checkbox"/> WLBS-50K18-12V |
| <input type="checkbox"/> WLBS-30K24-12V | <input type="checkbox"/> WLBS-40K24-12V | <input type="checkbox"/> WLBS-50K24-12V |
| <input type="checkbox"/> WLBS-30K39-12V | <input type="checkbox"/> WLBS-40K39-12V | <input type="checkbox"/> WLBS-50K39-12V |

Part Number Breakdown

Example: WLBS-40K24-12V

Series	CCT	Size	Voltage
WLBS [Waterproof Light Bar with Switch]	30K [3000K]	12 [12in.]	12V [12 VDC]
	40K [4000K]	18 [18in.]	
	or	24 [24in.]	
	50K [5000K]	39 [39in.]	

Applications

- Boat Cabins
- Bookshelves
- Decks
- Display Cases
- Outdoor Kitchens
- RV Lights
- Showcases
- Sign Lighting
- Task Lighting
- Under-Cabinets

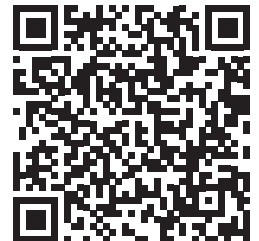
Certifications and Compliances

- CE compliant



Warranty

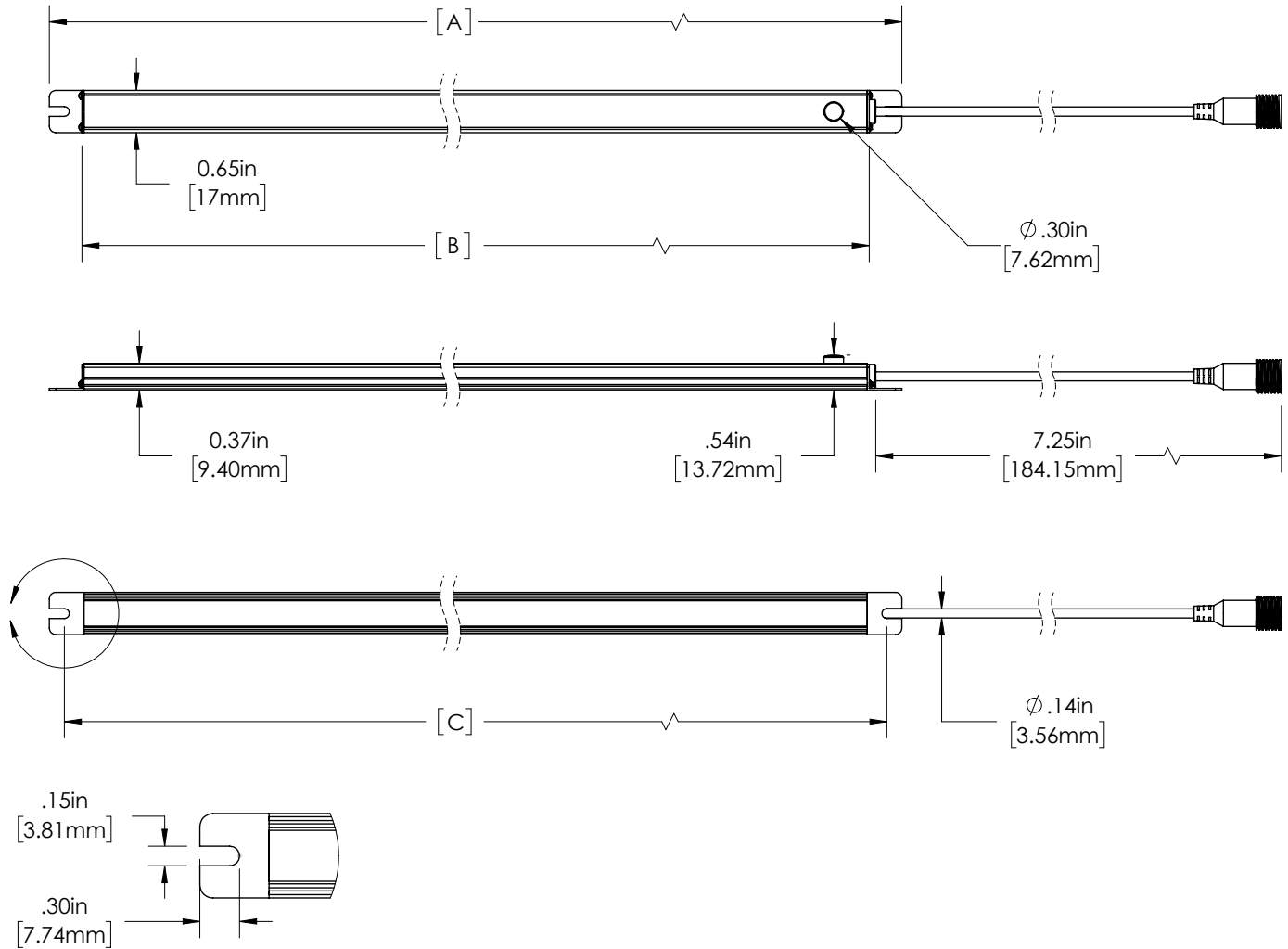
- 5-year warranty



WLBS Series

Waterproof Aluminum LED Light Bar Specifications

Dimensional Drawings



Model	A	B	C
WLBS-xK 12 -12V	13.0in. [330mm]	12.1in. [308mm]	12.5in. [318mm]
WLBS-xK 18 -12V	19.0in. [483mm]	18.1in. [461mm]	18.5in. [470mm]
WLBS-xK 24 -12V	25.0in. [635mm]	24.1in. [613mm]	24.5in. [622mm]
WLBS-xK 39 -12V	40.0in. [1016mm]	39.1in. [994mm]	39.5in. [1003mm]



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Waterproof Aluminum LED Light Bar Specifications

Specifications

Model WLBS-	xK12-12V	xK18-12V	xK24-12V	xK39-12V
Length	12in. (1ft)	18in. (1.5ft)	24in. (2ft)	39in. (3.25ft)
Lumens per Watt	330 lm/ft	333 lm/ft	325 lm/ft	338 lm/ft
Wattage	4.5 watts	6.5 watts	9 watts	13 watts
Current Draw	380mA	540mA	750mA	1.1A
CCT	3000K, 4000K, or 5000K (as ordered)			

Series	
Operating Voltage	12 VDC
Beam Angle	120°
Dimmer Type	PWM
CRI	90+
IP Rating	IP67
Input Connection Type	5.5mm x 2.1mm DC Barrel
Wire Length	7.25 in. (184 mm)
LED Lifetime	50000 hours
Ambient Operating Temperature	-35-55 °C (-31-131 °F)

