



Project Name:	
Catalog Number:	Fixture Type:
Volts / Watts:	Lamps / Board:



## BOB - 1'X4'

### BOLT ON BOARD

### FEATURES

- LED Board & Driver Kits for Recessed Lighting Applications
- ETL Listed (UL1598C)
- 3500K, 4000K, & 5000K Colors Available
- Diffuse Light With Optional Frosted Sheet (Contact Factory)
- Multiple Wattage Options Available
- 0-10V Dimmable Driver (100% - 5%)
- Philips LED Boards
- 5 yr. Warranty
- All Necessary Hardware Included:
  - Ballast Disconnect
  - Self Drilling Screws
  - Jumper Wires
  - Power Wires
  - Ground Wires
  - Wire Nuts
  - Grounding & Rating Labels



### LED SYSTEMS

	23WLED	31WLED
Calculated L70 (TM-21)	>100K	>100K
Delivered Lumens	2,411 lm	3,268 lm
Total Input Watts	23 W	31 W
Luminaire Efficacy Rating (LER)	106 lm/W	106 lm/W
Correlated Color Temperature (CCT)	4000K	4000K
Color Rendering Index (CRI)	>80	>80
Maximum Ambient Temperature	120°F	120°F
Minimum Ambient Temperature	-20°F	-20°F
Universal Driver	120-277 V	120-277 V

LED System data above based on BOB-23WLED-2BD-UNIV-40 & BOB-31WLED-4BD-UNIV-40  
 LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient.

### SUITABLE APPLICATIONS

- Offices
- Hallways
- Multipurpose Rooms
- Conference Rooms



### ORDERING GUIDE:

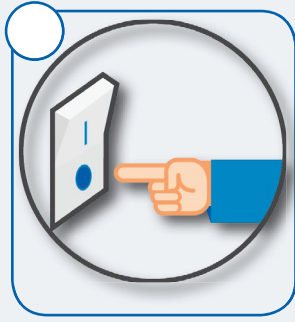
BOB	31WLED	4BD	UNIV	40	e.g. ADH
Series	LED	# of Boards	Driver	Color	Options
<input type="checkbox"/> BOB Bolt On Board	<input type="checkbox"/> 23WLED <input type="checkbox"/> 31WLED	<input type="checkbox"/> 2BD(23W Only) <input type="checkbox"/> 4BD(31W Only)	<input type="checkbox"/> UNIV 120-277 Driver	<input type="checkbox"/> 50 <input type="checkbox"/> 40 <input type="checkbox"/> 35	<input type="checkbox"/> ADH Factory Installed Adhesive <input type="checkbox"/> PWxxx Pre-wired & Assembled Kit From Factory

Battery Backup Options Available See Field Installed LED BB Sheet

IES Files Available Online  
 Battery Pack Available Upon Request

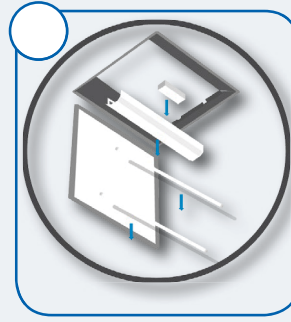
# INSTALL INSTRUCTIONS

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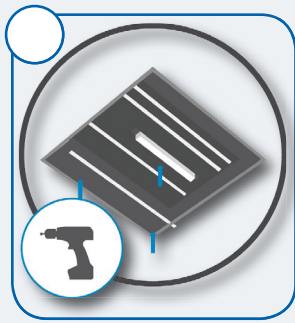
## STEP 1

Shut off or disconnect power to the fixture.



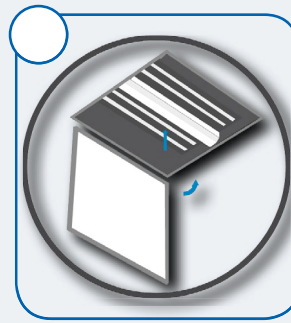
## STEP 2

Remove existing fluorescent lamps and bypass the ballast.



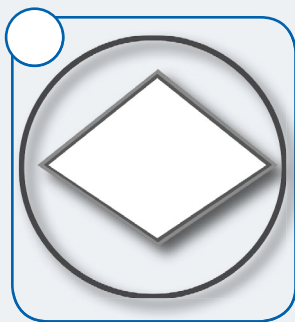
## STEP 3

Install LED boards and driver.



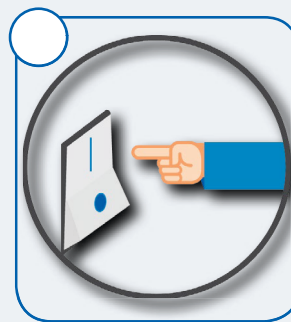
## STEP 4

Reinstall original optic and ballast cover.



## STEP 5

Install additional frosted sheet if ordered.



## STEP 5

Turn on main power.