



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



BOB - 2'X2'

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
- DesignLights Consortium® Qualified Luminaire



LED SYSTEMS

	23WLED	31WLED
Calculated L ₇₀ (TM-21)	>100K	>100K
Delivered Lumens	2,316 lm	3,367 lm
Total Input Watts	23 W	31 W
Luminaire Efficacy Rating (LER)	101 lm/W	109 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:

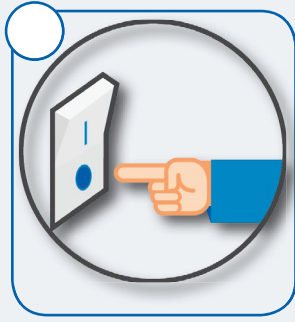
BOB	31WLED	4BD	UNIV	50	e.g. ADH
Series	LED	# Of Boards	Driver	Color	Options

- | | | | | | |
|--|---------------------------------|--|--|-----------------------------|---|
| <input type="checkbox"/> BOB Bolt On Board | <input type="checkbox"/> 23WLED | <input type="checkbox"/> 2BD(23W Only) | <input type="checkbox"/> UNIV 120-277 Driver | <input type="checkbox"/> 50 | <input type="checkbox"/> ADH Factory Installed Adhesive |
| | <input type="checkbox"/> 31WLED | <input type="checkbox"/> 4BD(31W Only) | | <input type="checkbox"/> 40 | <input type="checkbox"/> PWxxx Pre-wired And Assembled Kit From Factory |
| | | | | <input type="checkbox"/> 35 | |

Battery Backup Options Available See Field Installed LED BB Sheet

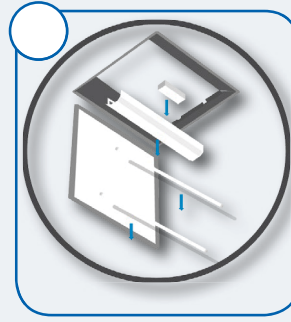
IES Files Available Online
 Battery Pack Available Upon Request

INSTALL INSTRUCTIONS



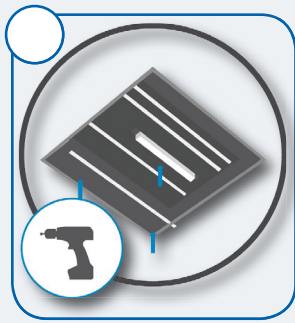
STEP 1

Shut off or disconnect power to the fixture.



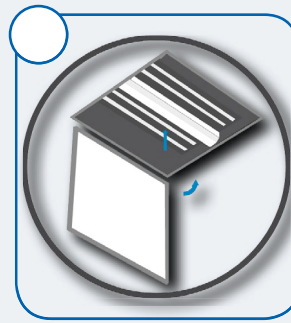
STEP 2

Remove existing fluorescent lamps and bypass the ballast.



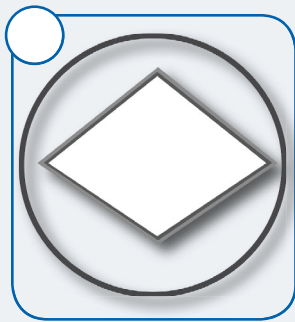
STEP 3

Install LED boards and driver.



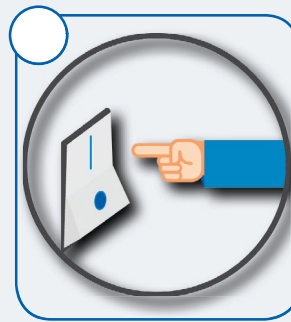
STEP 4

Reinstall original optic and ballast cover.



STEP 5

Install additional frosted sheet if ordered.



STEP 5

Turn on main power.