

LED Linear High Bay - CCT & Lumen Selectable

Instruction Number: P-INT-X-481

Product Series: TritonPro® MLHB2

Use these standard install instructions for the MLHB2 fixture.

Components

- 1 MLHB2 Fixture

Tools Required for Installation

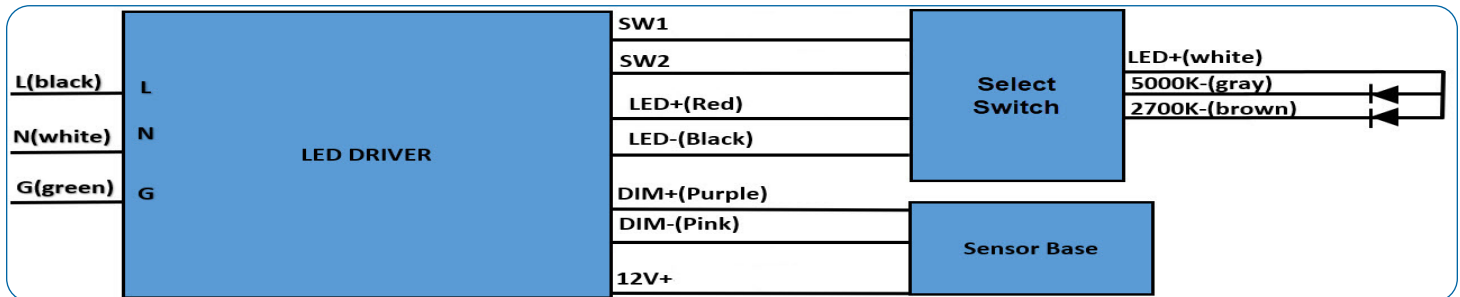
- Cordless drill or Phillips screwdriver and flat head screwdriver
- Wire stripper/cutter

WARNING!



1. Field installers are responsible for recognizing specific site requirements and making adjustment to ensure a complete, functional installation.
2. Electrical connections must be made by a qualified electrician and in accordance with NEC and local codes.
3. Make all power connections using UL listed components.
4. Make sure the supply voltage is the same as the rated voltage of the luminaire.
5. Proper grounding is required to ensure safety.
6. Please wear gloves to avoid injury before installation.
7. Check if there is any damage during shipping. If so, contact manufacturer immediately.
8. Read the installation instruction carefully to check whether all the accessories are included. After confirmation, then install the fixture according to installation steps.
9. Appropriate safety equipment needed during installation, to be determined by installer and per applicable safety standards and precautions.
10. Risk of fire or electrical shock. DO NOT cover fixture with insulation or similar material.
11. DO NOT install on unstable or easily breakable surface.

Standard Wiring Diagram



Standard Suspended Mounting Instructions

- 1 Turn off power supply before installation. Review product label for voltage and amperage load per fixture and use minimum 90°C supply wires.
- 2 Remove the fixture from packaging and inspect for any damages. Handle LED fixture with care.
- 3 Attach desired hanging method to the two mounting holes at fixture ends. Ensure hanging method is securely attached to each hole. (See Fig. 1)

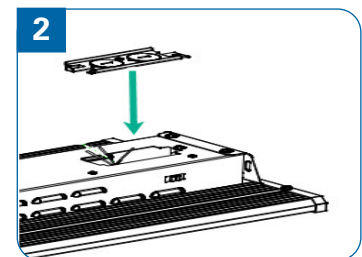
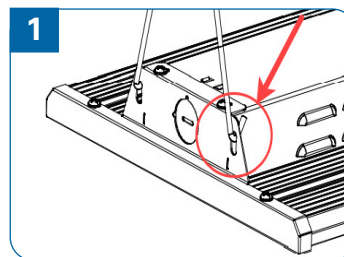
4 Wiring

Power Cord Provided (15W)

Make all electrical connections per NEC and local codes. See wiring diagram. Restore power to fixture and test.

Hardwire (no cord)

Remove access plate (See Fig. 2). Make all electrical connections per NEC and local codes. For dimming wires, use class 1 wiring methods. Cap each dimming wires separately if not used (see wiring diagram). Reinstall access plate and secure with access plate screw. Restore power to fixture and test.



FCC Statement: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LED Linear High Bay - CCT & Lumen Selectable

Instruction Number: P-INT-X-481
Product Series: TritonPro® MLHB2

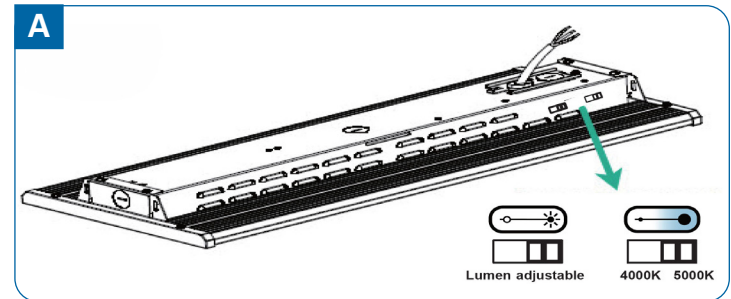
Field Adjustable CCT and Lumens

Note: Default factory setting is 5000K and max lumens. End users can adjust the color temperature to the desired level by the dip switch located on the side of the driver housing. The switch offers two options (4000K and 5000K).

- 1 If fixture is installed, turn off power supply.
- 2 Adjust the CCT and lumens by switching to desired output. (See Fig. A)
- 3 Restore power to fixture.

Below models can adjust the lumens to the desired level.

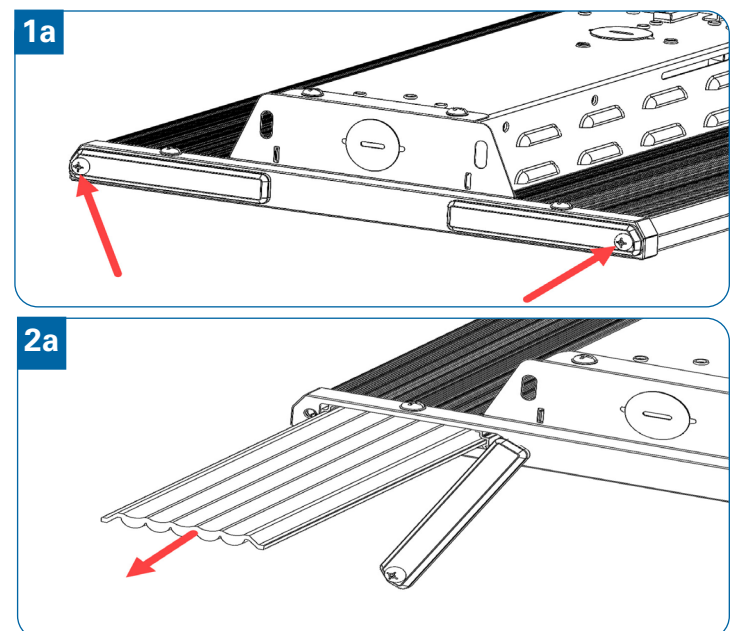
Model Number	Voltage	Wattage Adjustable
MLHB1112LUNVFD8CSLPGR15W	120-277	9000-12000
MLHB1118LUNVFD8CSLPGR15W	120-277	12000-15000-18000
MLHB1230LUNVFD8CSLPGR15W	120-277	24000-30000
MLHB1460LUNVFD8CSLPGR15W	120-277	48000-60000
MLHB1118LHMVFD8CSLPGR15W	277-480	12000-15000-18000
MLHB1230LHMVFD8CSLPGR15W	277-480	24000-30000
MLHB1460LHMVFD8CSLPGR15W	277-480	48000-60000



Lens Replacement

Note: Lenses on the fixture can easily be changed out in the field (sold separately). Make sure you order the correct lens size.

- 1 Turn off power supply before installation.
- 2 Loosen the screw from the fixtures lens cover (See Fig. 1a).
- 3 Rotate the lens cover (See Fig. 2a).
- 4 Carefully slide out the existing lenses (See Fig. 2a).
- 5 Slide in the new lens.
- 6 Rotate the lens cover in place and tighten the fixture lens cover screw.
- 7 Repeat for the other lens.
- 8 Restore power to fixture.



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NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LED Linear High Bay - Lens Replacement

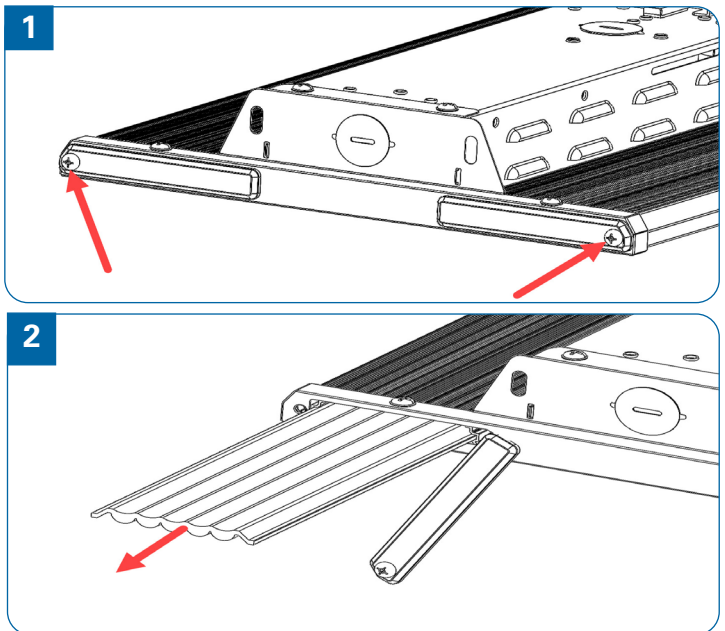
Instruction Number: P-INT-X-481.1

Product Series: TritonPro® MLHB2

Lens Replacement

Note: Lenses on the fixture can easily be changed out in the field (sold separately). Make sure you order the correct lens size.

- 1 Turn off power supply before installation.
- 2 Loosen the screw from the fixture's lens cover (See Fig. 1).
- 3 Rotate the lens cover (See Fig. 2).
- 4 Carefully slide out the existing lenses (See Fig. 2).
- 5 Slide in the new lens.
- 6 Rotate the lens cover in place and tighten the fixture lens cover screw.
- 7 Repeat for the other lens.
- 8 Restore power to fixture.



FCC Statement: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LED Linear High Bay - Pendant Mount

Instruction Number: P-INT-X-481.2

Product Series: TritonPro® MLHB2

Use these install instructions to pendent mount the MLHB2 fixture with a battery backup.

Components

1 MLHB-BB-PMR02-KIT (for 2', 3' and 4' fixture lengths)

Kit Includes:

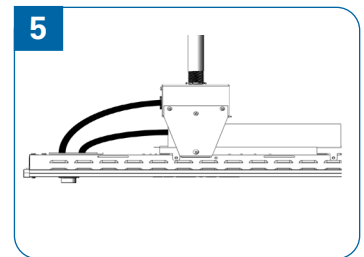
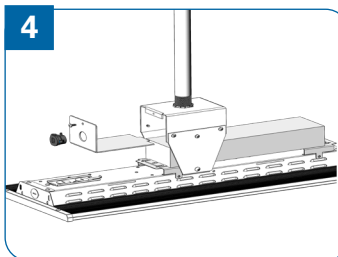
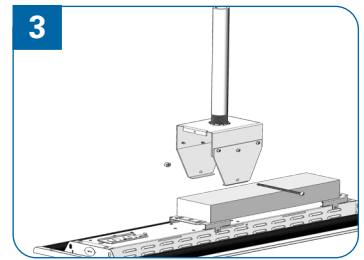
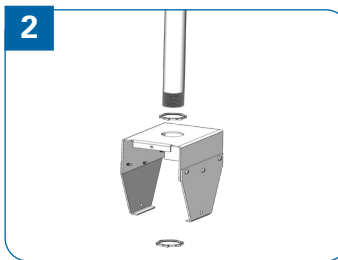
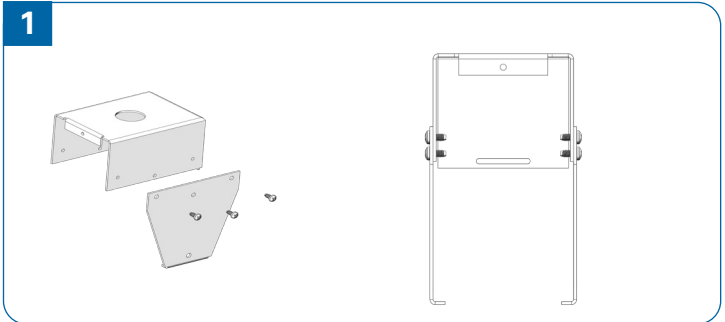
- (1) Pendant box
- (2) Pendant brackets
- (1) Pendant access plate
- (2) 3/4" Conduit nut
- (1) Strain relief bushing
- (3) Wire connectors
- (1) 10-24 x 4" Screw
- (1) 10-24 Nylon lock nut
- (7) 8-32 x 1/4" Screws

Tools Required for Installation

- Cordless drill or Phillips screwdriver and flat head screwdriver
- Wirestripper/cutter
- Level

Pendant Mount Step by Step Instructions

- 1** Turn off power supply before installation. Review product label for voltage and amperage load per fixture and use minimum 90°C supply wires.
- 2** Remove the fixture from packaging and inspect for any damages. Handle LED fixture with care.
- 3** Assemble each pendant brackets (2) to sides of the pendant box using 8-32 x 1/4" screws (3) on each side. (See Fig. 1)
- 4** Attach pendant bracket assembly to threaded pendant/conduit (not supplied) using the conduit nuts (2) (supplied) (See Fig. 2)
- 5** Support the fixture while snapping fixture housing into pendant bracket assembly aligned inside center support slots. (See Fig. 3)
- 6** Insert 10-24 x 4" screw through pendant bracket. Properly tighten nut to secure bracket on both side slots on fixture center channel (See Fig. 3). Ensure fixture is level and even.
- 7** Cut and strip fixture cord and route into pendant access plate using strain relief bushing and nut provided through access plate.
- 8** Make all electrical connections inside pendant box per NEC and local codes wire connectors. See standard assembly instructions for wiring diagram.
Note: Make sure no wires are pinched and are tucked inside the pendant bracket.
- 9** Install access plate and secure with access plate 8-32 screw. (See Fig. 4 and 5). Restore power to fixture and test.



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NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LED Linear High Bay - Surface Mount Kit

Instruction Number: P-INT-X-481.3

Product Series: TritonPro® MLHB2

2' Fixtures

Use these instructions to surface mount the MLHB2 fixture with battery backup.

Components

1 MLHB-BB-SFM02-KIT (Kit includes: 1 surface bracket for 2' fixtures using optional battery backup)

MLHB-BB-SFM03-KIT (Kit includes: 2 surface brackets for 3' and 4' fixtures using optional battery backup)

Hardware: 10-24 x 4" screws, 10-24 nylon lock nuts

Tools Required for Installation

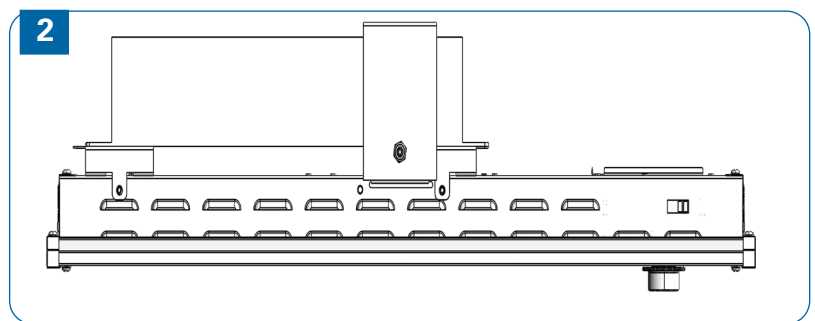
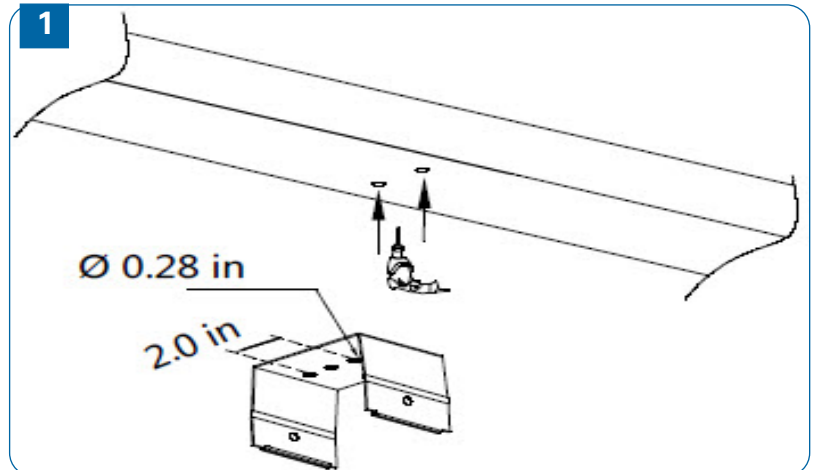
- Cordless drill
- 3/8" Open wrench
- Phillips screwdriver and flat head screwdriver
- Wire nuts
- Wirestripper/cutter

Step by Step Instructions

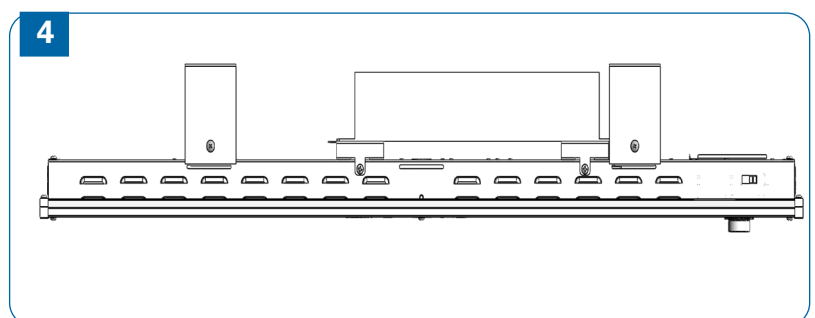
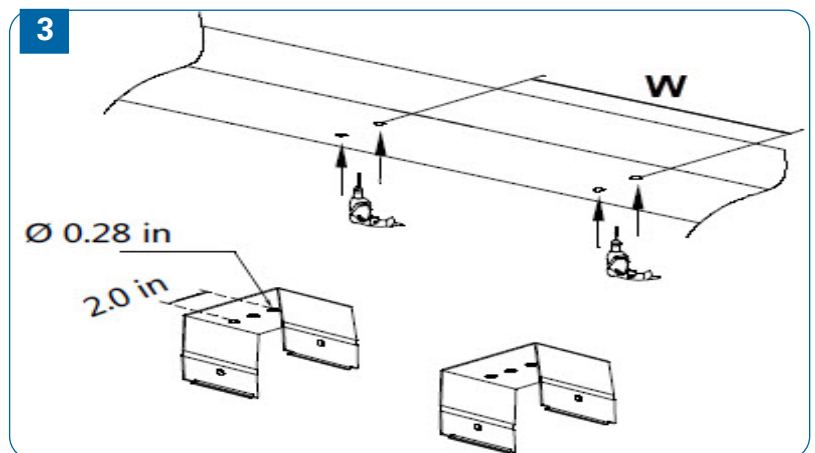
- 1 Turn off power supply before installation. Review product label for voltage and amperage load per fixture and use minimum 90°C supply wires.
- 2 Remove the LED fixture from packaging and inspect for any damage. Handle new LED fixture with care.
- 3 Attach battery backup to fixture. Follow battery backup kit instructions (**MLHB-xxx-BBKIT-xxLxxL**). Skip this step if battery backup was installed by manufacturer.
- 4 Drill holes to mounting surface, 2 inch apart on center. Repeat for a second bracket needed with 3ft, 4ft fixtures (see **W** dimension table and Fig. 1 and Fig 3).
- 5 Attach surface mount bracket(s) to structure using hardware (not provided) rated for the fixture weight.
- 6 Support the fixture while snapping fixture housing into surface mount bracket.
- 7 Insert the 10-24 x 4" screws through the surface mount bracket. Properly tighten the nuts on each of the screws to secure the brackets on both side slots on the fixture center channel. (See Fig. 2 for 2' finished installation, See Fig. 4 for 3' or 4' finished installation.)
- 8 Make all electrical connections per NEC and local codes. See wiring diagram in battery backup instructions.
- 9 Reinstall access plate and secure with access plate screw. Restore power to fixture and test.

W

Size	Lumens	W=Dimension
3'	30L-36L	19.7"
4'	48-60L	26.8"



3' and 4' Fixtures



LED Linear High Bay - Pendant Mount Kit

Instruction Number: P-INT-X-481.4

Product Series: TritonPro® MLHB2

Use these instructions to pendant mount the MLHB2 fixture.

Components

1 MLHB-PMR02-KIT

Kit Includes:

- (1) Pendant bracket
- (1) Access plate
- (2) 3/4" Conduit nut
- (1) Strain relief bushing
- (3) Wire connectors
- (1) 10-24 x 4" Screw
- (1) 10-24 Nylon lock nut
- (1) 8-32 x 1/4" Screw

Tools Required for Installation

- Cordless drill
- Phillips screwdriver and flat head screwdriver
- 3/8" Open wrench
- Wire nuts
- Wirestripper/cutter

Step by Step Instructions

- 1** Turn off power supply before installation. Review product label for voltage and amperage load per fixture.
- 2** Remove the LED fixture from packaging and inspect for any damages. Handle new LED fixture with care.
- 3** Attach pendant bracket to threaded pendant/conduit (not supplied) using the conduit nuts (supplied) (See Fig. 1).
- 4** Support the fixture while snapping fixture housing into pendant bracket.
- 5** Insert 10-24 x 4" screw (item 3) through pendant bracket. Properly tighten nut to secure bracket on both side slots on fixture center channel (See Fig. 2). Ensure fixture is balanced.
- 6** Cut and strip fixture cord and route into pendant bracket using cordgrip and nut provided (item 8) through access plate (item 4). Make all electrical connections inside pendant bracket per NEC and local codes wire connectors (item 9). See standard assembly instructions for wiring diagram. Note: Make sure no wires are pinched and are tucked inside the pendant bracket.
- 7** Install side access plate (item 4) and secure with access plate 8-32 screw. (See Fig. 3) Restore power to fixture and test.

