

FIXTURES



LBI65 BAR

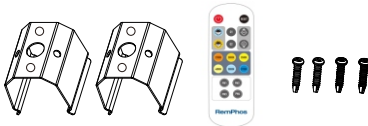
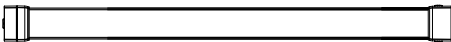
Read this instruction carefully before installation. keep it for furture reference. Make electrical and grounded connections in accordance with the national electrical code and any application code. Always turn off the power supply before installation.This product must be installed in accordance with application code with the applicable installation code by a qualified electrician who is familiar with the construction and operation of the production and the hazards involved.

PART#	WATTAGE	VOLTAGE	LUMENS	COLOR TEMP	DASIY CHAIN
RP-LBI65-2F-6W-40K-WC	4-6-9-12W	120-277V 120-347V	1920LM	27-30-35-40-50-57K	40PCS
RP-LBI65-3F-10W-40K-WC	6-10-15-20W		3200LM		
RP-LBI65-4F-25W-40K-WC	10-15-20-25W		4000LM		

Warning

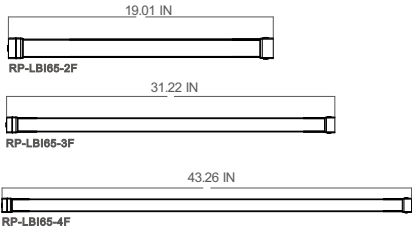
- ⚠ Risk of the fire or electric shock.Fixture installation requires knowledge of luminaires electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.
- ⚠ Risk of fire or electrical shock. Suitable for wet locations. Always turn off the power supply before installation.
- ⚠ Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation line or similar material.
- ⚠ Do not install fixture on unstable, loose or easily breakable surface.
- ⚠ DO NOT exert force on the surface of the fixture.
- ⚠ This is IP65 product. DO NOT install fixture in the rain or sun completely.

Included With Every Bar



- 1. LBI 65 BAR X1
- 2. BRACKET X2
- 3. REMOTE X1
- 4. SCREW X4

Dimensions

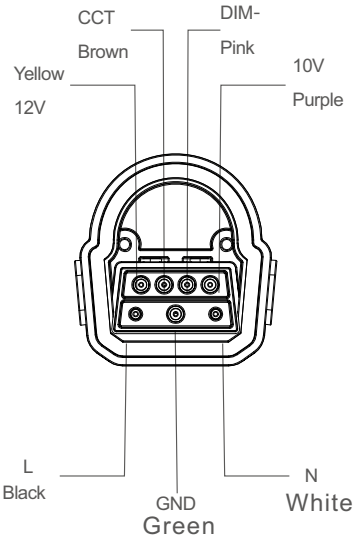


FIXTURES

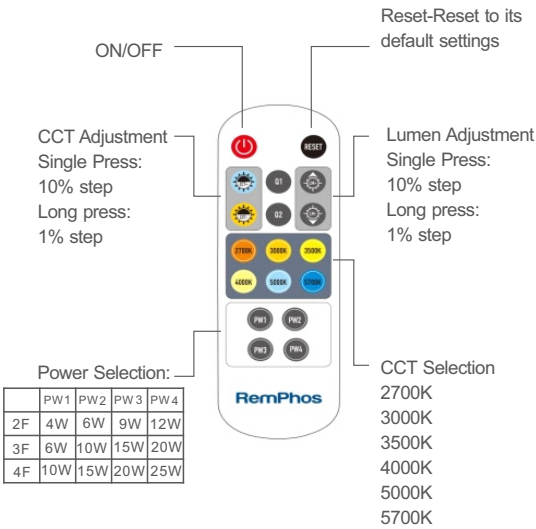


LBI65 BAR

Pin Layout



Remote Instruction



Wiring Method

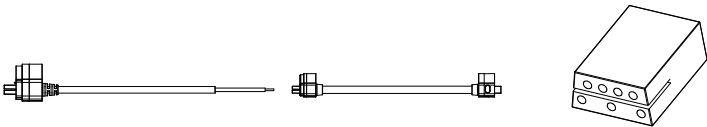
Accessory for wiring

Incoming power cable

Linking cable

Seamless Connector

Conduit Adapter



FIXTURES

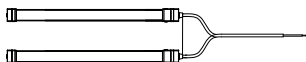


LBI65 BAR

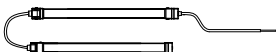
WIRING METHOD

If your application calls for multiple light bars in a single fixture, there are 2 possible ways to order and wire (see below).

PARALLEL



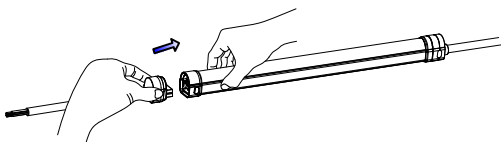
SERIES (WITH LINKING CABLE)



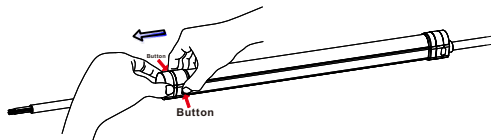
SERIES (WITH SEAMLESS CONNECTOR)



IMPORTANT NOTE ON WIRING METHOD



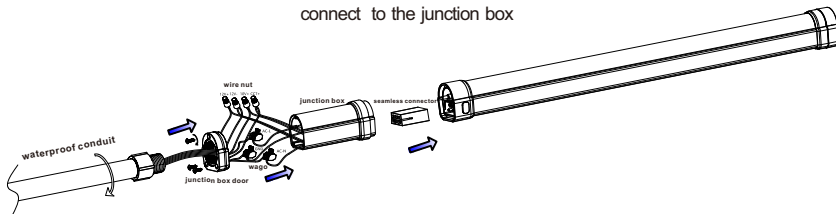
Install the cable to the bar, make sure there is a sound "Da" to make sure the incoming power cable is well installed.



Press 2 buttons at sides, pull the bar and cables towards to each other, and then pull them away.

Junction Box wiring

1. Use screwdriver to remove the junction box door
2. Use wire nut and wago connector to wiring. Then screw the junction box door. Then use the waterproof conduit to connect to the junction box
3. Use seamless connector to connect the junction box to bar



Caution

- * Make sure the distance between 2 end caps is less than 1mm.
- * Make sure the bar is firmly fixed by internal mechanical clips
- * Make sure the bars are in straight line with each other, no distortion is acceptable.
- * Make sure the output end is installed with the cap with vault.

FIXTURES



LBI65 BAR

Installation

WARNING

- Risk of fire. Turn off power before installation.
- Risk of electronic shock. Install only by certified electrician with gloves.
- To be used in indoor dry and damp location only.
- If the luminaire exhibits undesirable operation (buzzing, flickering, not working etc.), immediately turn off power, remove luminaire and contact manufacturer.
- Do not make mass installation before testing.
- Suitable for Damp Locations.
- Consult a qualified electrician to ensure correct branch circuit conductor



INSTALLATION FOR SURFACE MOUNTING

1. Disconnect or turn off power before installation, see step ①

If applicable: adjust the FlexWatt and/or FlexColor by remote to desired wattage/lumen package and CCT.

**Note: that not all models have these adjustment. Check your part# and product specification sheet for more details.*

2. Install the bracket (included with bar) to ceiling, see step ②, screw included.

3. There are two types of wiring methods, see step ③

1. Use LBI65 incoming cable at input side (sold separately). See cable installation instruction in page 3

2. Use junction box (sold separately) to at input side. See junction box installation instruction in page 3.

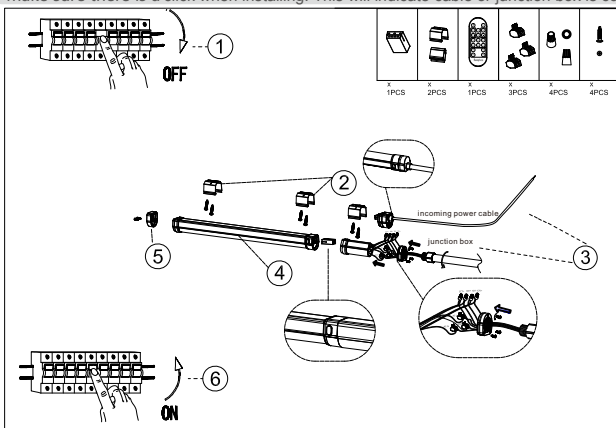
Make the electrical connection to the bar in accordance with local electrical code.

Make all necessary wiring connection observing proper voltage and polarity.

4. Once the wiring is secured and clear. Push the bar into the bracket. See step ④
5. Double check that the outside end is installed with cap with vault. See step ⑤
6. Reconnect power, the bar will be on, see step ⑥
7. Adjust setting of the motion sensor (OCC) if desired. See separate instruction sheet for details.

NOTE

- * Make sure the distance between 2 end caps is less than 1mm.
- * Make sure the bar is firmly fixed by internal mechanical clips
- * Make sure the bars are in straight line with each other, no distortion is acceptable.
- * make sure there is a click when installing. This will indicate cable or junction box is correctly installed



FIXTURES



LBI65 BAR

Installation

WARNING

- Risk of fire. Turn off power before installation.
- Risk of electronic shock. Install only by certified electrician with gloves.
- To be used in indoor dry and damp location only.
- If the luminaire exhibits undesirable operation (buzzing, flickering, not working etc.), immediately turn off power, remove luminaire and contact manufacturer.
- Do not make mass installation before testing.
- Suitable for Damp Locations.
- Consult a qualified electrician to ensure correct branch circuit conductor



INSTALLATION FOR SUSPENSION MOUNTING WITH HANGING CABLE

1. Disconnect or turn off power before installation, see step ①

If applicable: adjust the FlexWatt and/or FlexColor by remote to desired wattage/lumen package and CCT.

**Note: that not all models have these adjustment. Check your part# and product specification sheet for more details.*

2. Install the bracket (included with bar) to bar, use hanging cable (sold separately) to install the ceiling, see step ②

3. There are two types of wiring methods, see step ③

1. Use LBI65 incoming cable at input side (sold separately). See cable installation instruction in page 3

2. Use junction box (sold separately) to at input side. See junction box installation instruction in page 3.

Make the electrical connection to the bar in accordance with local electrical code.

Make all necessary wiring connection observing proper voltage and polarity.

4. Once the wiring is secured and clear. Push the bar into the bracket. See step ④

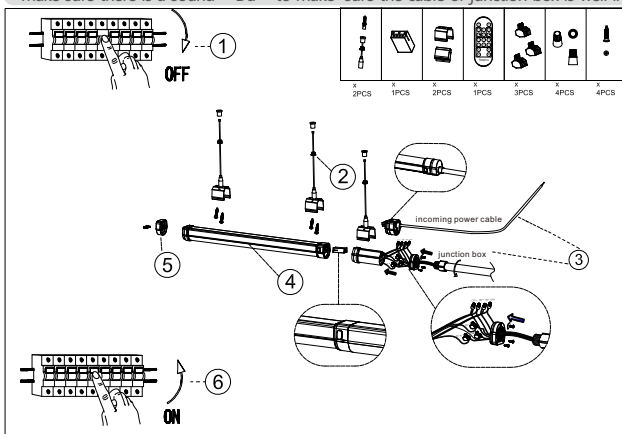
5. Double check that the outside end is installed with cap with vault. See step ⑤

6. Reconnect power, the bar will be on, see step ⑥

7. Adjust setting of the motion sensor (OCC) if desired. See separate instruction sheet for details.

NOTE

- * Make sure the distance between 2 end caps is less than 1mm.
- * Make sure the bar is firmly fixed by internal mechanical clips
- * Make sure the bars are in straight line with each other, no distortion is acceptable.
- * make sure there is a sound "Da" to make sure the cable or junction box is well installed.



FIXTURES

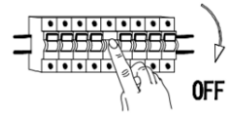


LBI65 BAR

Installation

WARNING

- Risk of fire. Turn off power before installation.
- Risk of electronic shock. Install only by certified electrician with gloves.
- To be used in indoor dry and damp location only.
- If the luminaire exhibits undesirable operation (buzzing, flickering, not working etc.), immediately turn off power, remove luminaire and contact manufacturer.
- Do not make mass installation before testing.
- Suitable for Damp Locations.
- Consult a qualified electrician to ensure correct branch circuit conductor



INSTALLATION FOR SURFACE MOUNTING WITH DAISY CHAIN FUNCTION

1. Disconnect or turn off power before installation, see step ①

If applicable: adjust the FlexWatt and/or FlexColor by remote to desired wattage/lumen package and CCT.

**Note: that not all models have these adjustment. Check your part# and product specification sheet for more details.*

2. Install the bracket(included with bar) to bar, use hanging cable to install the ceiling, see step ②

3. There are two types of wiring methods, see step ③

1. Use LBI65 incoming cable at input side(sold separately). See cable installation instruction in page 3

2. Use junction box(sold separately) to at input side. See junction box installation instruction in page 3.

Make the electrical connection to the bar in accordance with local electrical code.

Make all necessary wiring connection observing proper voltage and polarity.

4. Once the wiring is secured and clear. Push the bar into the bracket. See step ④

5. Use the seamless connector or linkable cable connectors to connect two or more bars, see step ⑤

6. Install the second fixture to the ceiling, see step ⑥ and continue to desired amount, max connections are:

4F: 40PCS- Pro tip: 1. if multiple controls or sensor are used in a connected long run,

3F: 40PCS a Seamless NODIM connector should be used to separate desired zones of controls.

2F: 40PCS 2. The number of mount points needed is always more than the fixture used.

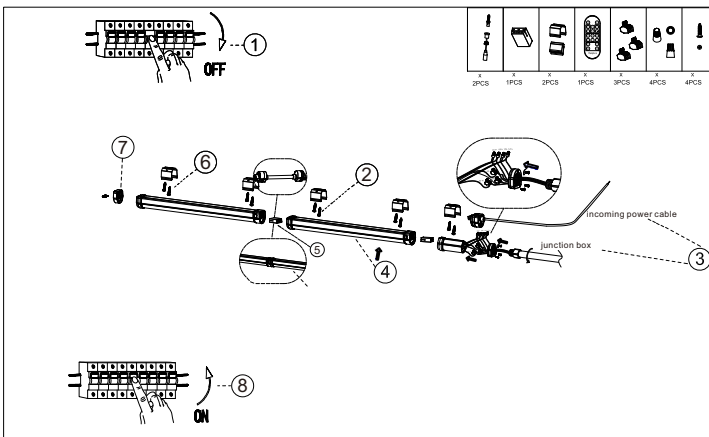
5. Double check that the output end is installed with cap with vault. See step ⑦

6. Reconnect power, the bar will be on, see step ⑧

7. Adjust setting of the motion sensor(OCC) if desired. See separate instruction sheet for details.

NOTE

- * Make sure the distance between 2 end caps is less than 1mm.
- * Make sure the bar is firmly fixed by internal mechanical clips
- * Make sure the bars are in straight line with each other, no distortion is acceptable.
- * make sure there is a sound "Da" to make sure the cable or junction box is well installed.



FIXTURES

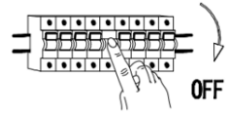


LBI65 BAR

Installation

WARNING

- Risk of fire. Turn off power before installation.
- Risk of electronic shock. Install only by certified electrician with gloves.
- To be used in indoor dry and damp location only.
- If the luminaire exhibits undesirable operation (buzzing, flickering, not working etc.), immediately turn off power, remove luminaire and contact manufacturer.
- Do not make mass installation before testing.
- Suitable for Damp Locations.
- Consult a qualified electrician to ensure correct branch circuit conductor



INSTALLATION FOR SUSPENSION MOUNTING WITH HANGING CABLE WITH DAISY CHAIN FUNCTION

1. Disconnect or turn off power before installation, see step①

If applicable: adjust the FlexWatt and/or FlexColor by remote to desired wattage/lumen package and CCT.

*Note: that not all models have these adjustment. Check your part# and product specification sheet for more details.

2. Install the bracket(included with bar) to bar, use hanging cable to install the ceiling, see step②

3. There are two types of wiring methods, see step③

1. Use LBI65 incoming cable at input side(sold separately). See cable installation instruction in page 3

2. Use junction box(sold separately) to at input side. See junction box installation instruction in page 3.

Make the electrical connection to the bar in accordance with local electrical code.

Make all necessary wiring connection observing proper voltage and polarity.

4. Once the wiring is secured and clear. Push the bar into the bracket. See step④

5. Use the seamless connector or linkable cable connectors to connect two or more bars, see step⑤

6. Install the second fixture to the ceiling, see step⑥ and continue to desired amount, max connections are:

4F: 40PCS- Pro tip: 1. if multiple controls or sensor are used in a connected long run,

3F: 40PCS a Seamless NODIM connector should be used to separate desired zones of controls.

2F: 40PCS

2. The number of mount points needed is always more than the fixture used.

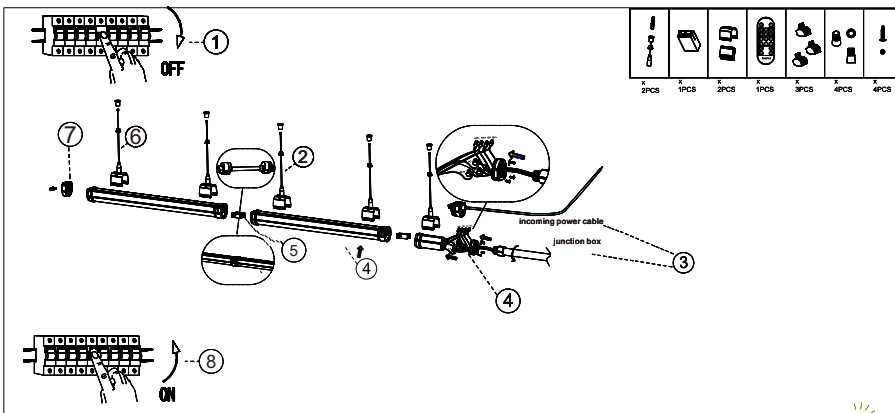
5. Double check that the outside end is installed with cap with vault. See step⑦

6. Reconnect power, the bar will be on, see step⑧

7. Adjust setting of the motion sensor(OCC) if desired. See separate instruction sheet for details.

NOTE

- * Make sure the distance between 2 end caps is less than 1mm.
- * Make sure the bar is firmly fixed by internal mechanical clips
- * Make sure the bars are in straight line with each other, no distortion is acceptable.
- * make sure there is a sound "Da" to make sure the cable or junction box is well installed.



LIGHT EFFICIENT DESIGN HEADQUARTERS 188 S. Northwest Highway - Cary, IL 60013

INNOVATION & MANUFACTURING CENTER 30 Log Bridge Road, Building 200. Middleton, MA 01949

847.380.3540 led-lic.com

11.29.22 Information is subject to change without notice.