

MaxLite® MLFP Value Flat Panels



General Safety Information

IMPORTANT:

READ CAREFULLY BEFORE INSTALLING THE FIXTURE. RETAIN FOR FUTURE REFERENCE.

WARNING:

- Upon receipt of the fixture, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier.
- Turn off electrical power, at fuse or, circuit breaker box before wiring fixture to the power supply.
- Turn off the power, when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connection should be capped with UL approved wire connectors.
- Avoid direct eye exposure to the light source while it is on.
- Account for, small parts and destroy packing material, as these may be hazardous to children.
- Risk of burn. Disconnect power and allow fixture to cool before handing it..



*Pictures are for illustration purposes only.
Your model may vary.*

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

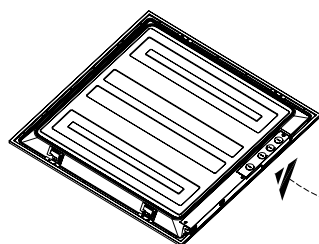
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. THIS PRODUCT MUST BE WIRED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL CODES.
- TO PREVENT PERSONAL INJURY PRODUCT DAMAGE ONLY LICENSED ELECTRICIANS SHOULD PROVIDE ALL INSTALLATION SERVICES.
- TO AVOID ELECTRIC SHOCK OR COMPONENT DAMAGE DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OR SERVICING.
- USE CAUTION WHEN HANDLING THIS PRODUCT DURING OR AFTER OPERATION AS IT MAY BECOME HOT AND CAUSE BURNS. DISCONNECT PRODUCT AND ALLOW COOLING PRIOR TO SERVICING.
- ANY ALTERATION OR MODIFICATION OF THIS PRODUCT IS EXPRESSLY FORBIDDEN AS IT MAY CAUSE SERIOUS PERSONAL INJURY, DEATH, PROPERTY DAMAGE AND / OR PRODUCT MALFUNCTION.
- TO PREVENT PRODUCT MALFUNCTION AND/ OR ELECTRICAL SHOCK THIS PRODUCT MUST BE PROPERLY GROUNDED.

Models

MFLP14, MFLP22, MFLP24

Included in Box:

Fixture, Wire Nuts



The accessories are inside the power compartment



Three (3) Terminals



Two (2) Terminals

PS: Sensor model is not available

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Setting Color Temperature and Power

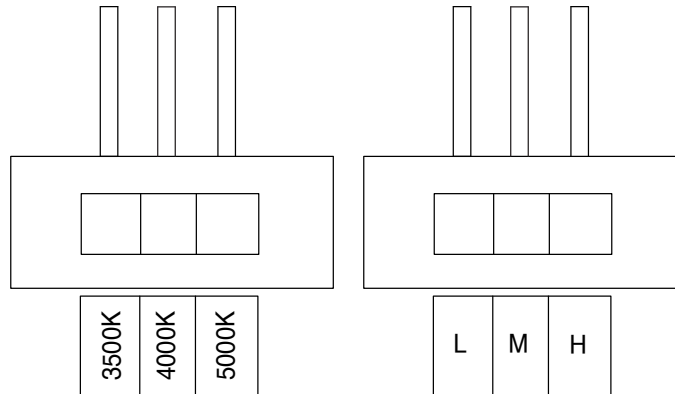
Note: Applicable to models ending in “CS” or “WCS” only. Models are set to lowest wattage and 4000K.

Color settings:

Left, stands for 3500K;
Middle, stands for 4000K;
Right, stands for 5000K;

Wattage settings:

Left, stands for Low;
Middle, stands for Medium;
Right, stands for High;

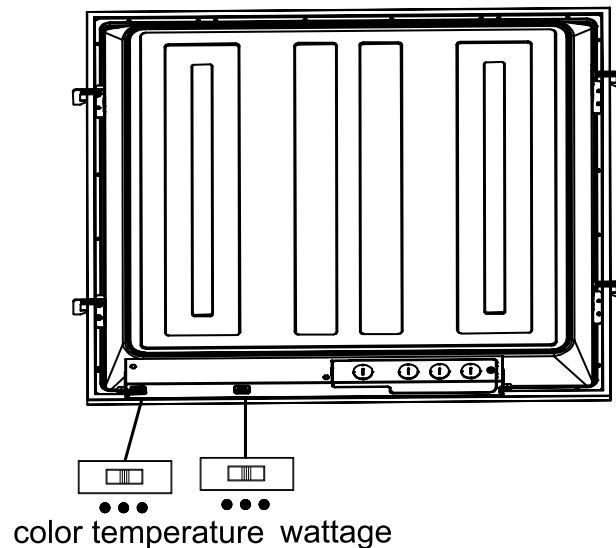


Adjust the color temperature and lumen output using the two DIP switches. Each DIP switch has 3 options (left, middle and right), corresponding to 3 color temperatures and wattages. Use these switches to set desired color temperature and lumen output combination.

Factory Settings:

4000K, lowest wattage based on fixture.

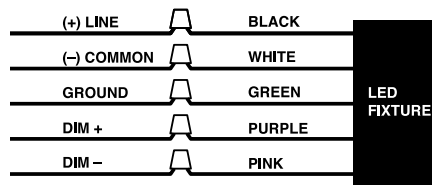
1. DIP switches are located on the back side of the fixture.
2. Select a wattage and color temperature by sliding switch left or right respectively to the desired value.



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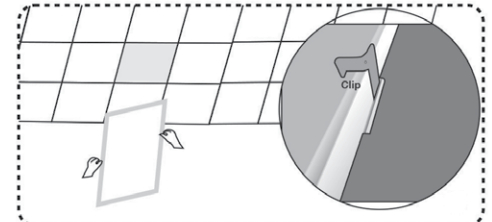
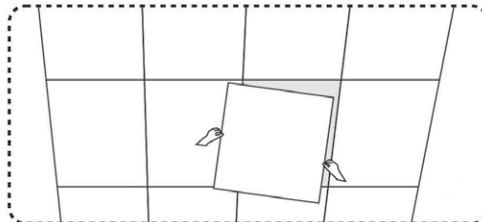
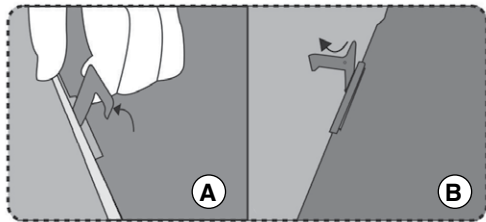
Wiring Diagram



WARNING: TURN POWER OFF AT THE MAIN POWER PANEL OR FUSE BOX BEFORE INSTALLING OR REPLACING THE FIXTURE AND/OR WHEN REPLACING THE BULBS. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE INSTALLATION CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

Installation Instructions

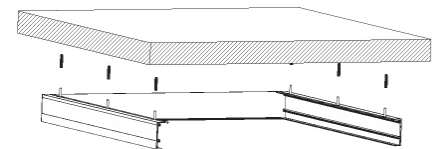
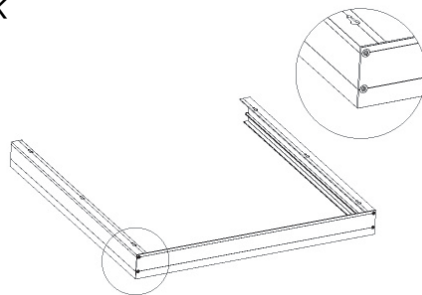
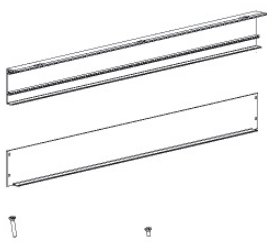
Recessed Mounting



1. Bend hang buckle by 90°, making it vertical to the rear cover of the flat panel fixture. (A) Bend the top part of the hang buckle 90° (B) and repeat on all hang buckle's.
2. Turn off power and remove the ceiling panel.
3. Place the troffer into T-bar. Ensure the troffer is attached to the ceiling.

Surface Mounting (Kits Sold Separately)

ML14G4SMK • ML22G4SMK • ML24G4SMK



1. Turn off the electrical power. Make sure the surface mounting kit has all parts included.
2. Assemble the surface mount kit.
3. Fix the frame to the ceiling.
4. Insert the LED panel into the frame.
5. Fix the last frame into the bracket set.
6. Installation is now complete.

MaxLite® MLFP Value Flat Panels**Installation Instructions****Suspension Mounting (Kits Sold Separately)**

MLG4CHK • ML24G4CHK



1. Position the screw through the Support.



2. Drive the screw through the desired location on the ceiling until the Support is flush with the surface.



3. The cable has two ends, one free and the other with a Latch Hook. Secure the free side through the pin end of the Locking Terminator.



4. Pass the cable through the hole in the Support.



5. Screw the Locking Terminator into the Support.

6. Locate the clips on the rear of the fixture. Secure the Latch Hook to the fixture clips. Cable length can be shortened by feeding length of the cable through the Locking Terminator. To release the Locking Terminator, push the pin down and pull the cable.



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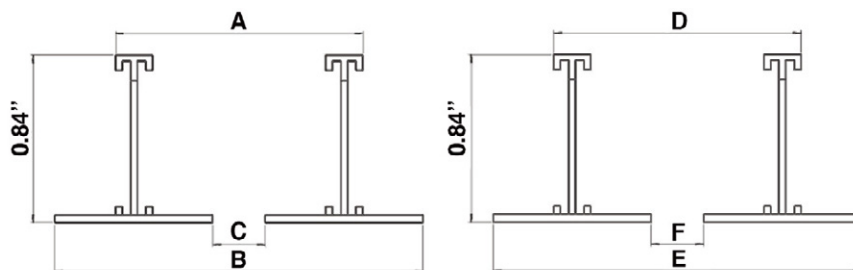
Installation Instructions

Flange Mounting (Kits Sold Separately)

ML14G4FK • ML22G4FK • ML24G4FK

The Recess Troffer Flange Mounting Kit is designed for recess installation in drywall ceiling applications.

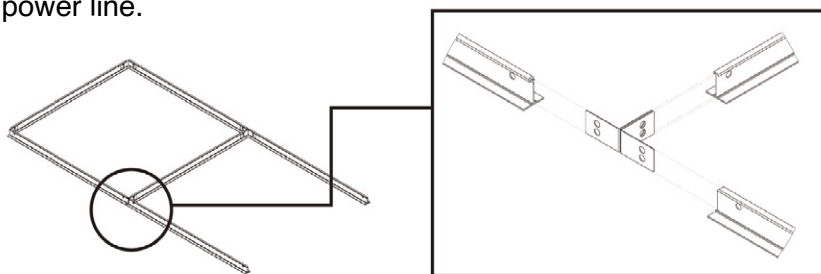
Dimensions



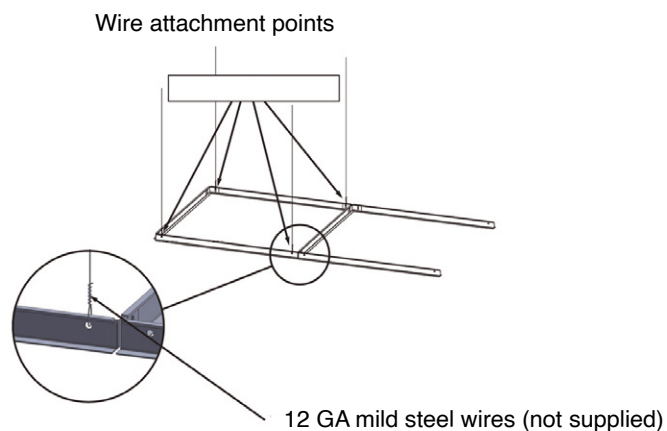
ITEM #	Flange Kit Size After Assembly (Inches)						Ceiling Cutout Size (Inches)	
	A (Width)	B (Width)	C (Width)	D (Length)	E (Length)	F (Length)	A + 1/4" (Width)	D + 1/4" (Length)
ML14G4FK	12.84"	13.50"	11.35"	48.66"	49.36"	47.20"	13.09"	48.91"
ML22G4FK	24.65"	25.31"	23.16"	24.65"	25.30"	23.10"	24.90"	24.90"
ML24G4FK	24.65"	25.31"	23.16"	48.66"	49.36"	47.20"	24.90"	48.91"

Installation

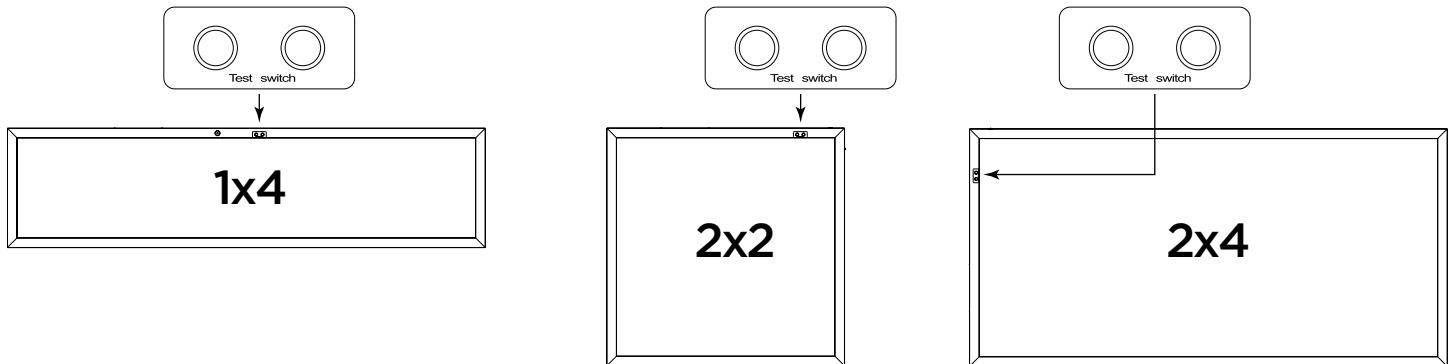
1. For installation in plaster ceilings, cut an opening of the appropriate size, and then connect the panel light to an incoming power line.
2. Rotate the panel light by 45 degrees.
3. Pass the panel through the ceiling surface.
4. Lay in the panel light on the ceiling or grid.



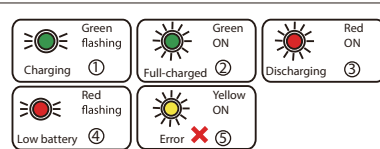
Wire Support



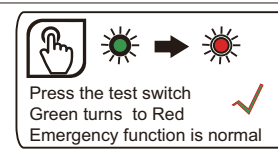
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Installation & Operation – Emergency ModelIndicator Light Introduction

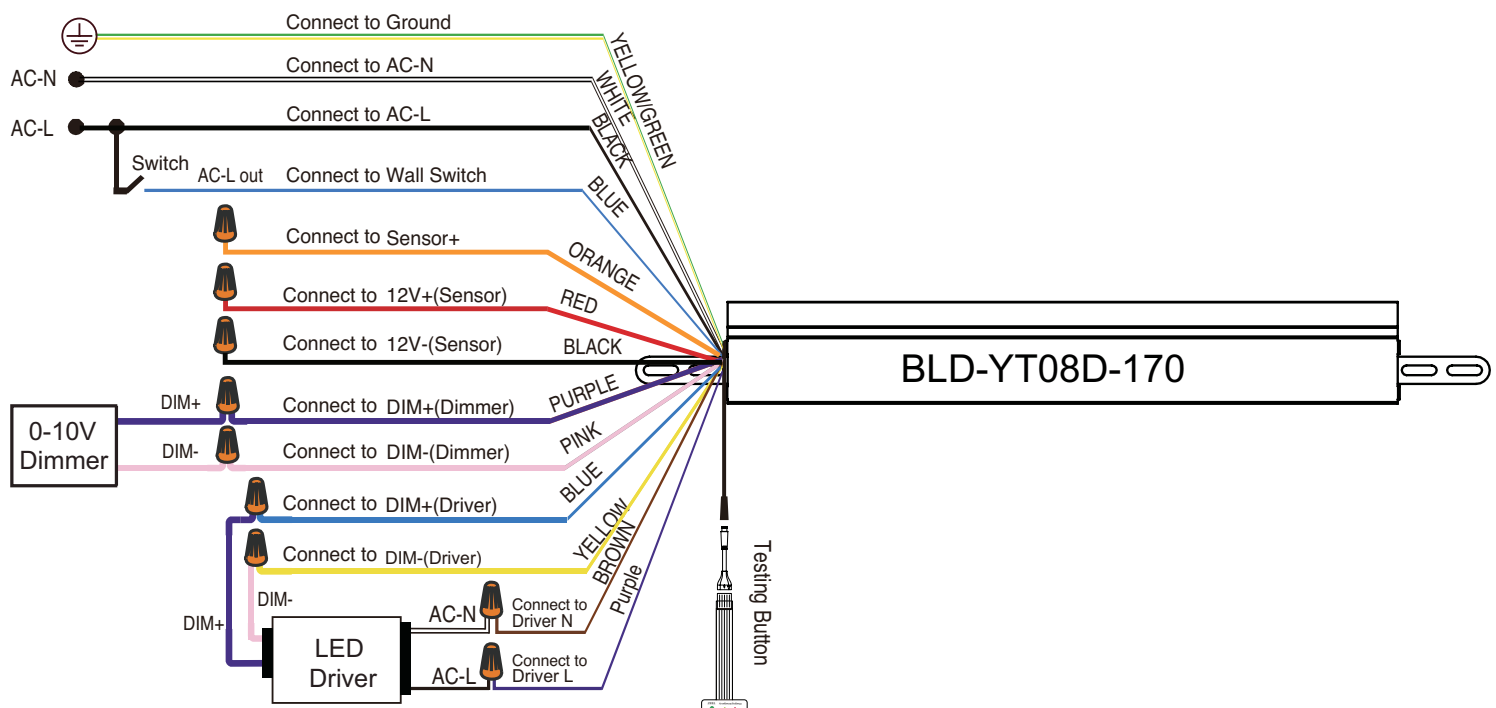
- ① Green/Flashing: Charging
- ② Green/ON: Full-charged
- ③ Red/ON: Discharging(EM mode)
- ④ Red/Flashing: Low battery
- ⑤ Yellow: Error

Test Switch Introduction

Press the test switch to confirm whether emergency function is normal

Wiring Diagram

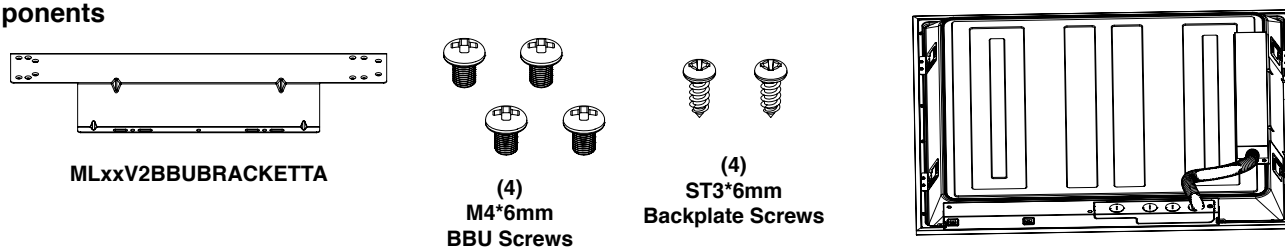
For luminaire with 0-10V LED driver and using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 60W).
Emergency Inverter Dim+ (Blue) , Driver Dim- (Yellow) has to connect with LED driver DIM+ and DIM-.



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**Installation & Operation – Field Install Battery Back-up (sold separately)**

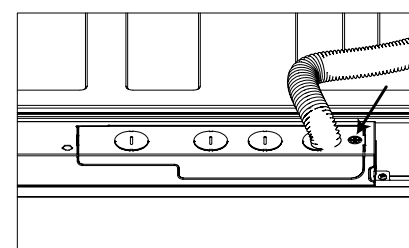
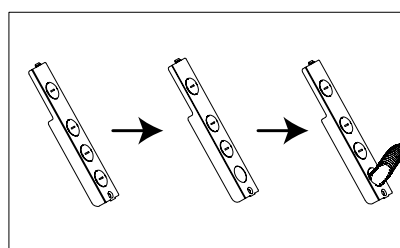
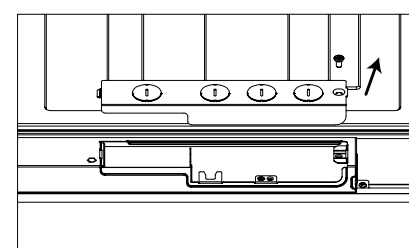
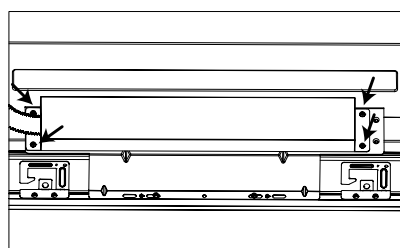
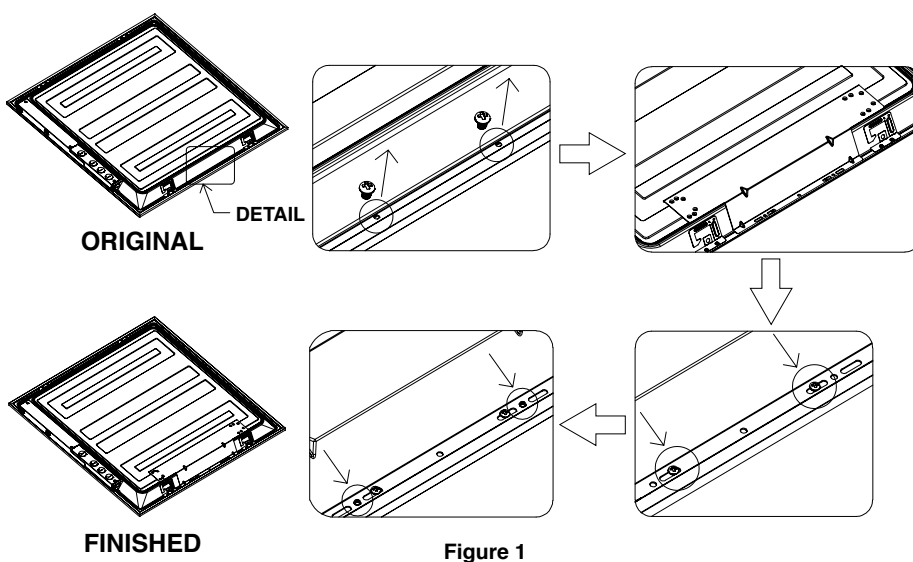
BBU bracket kit screws INCLUDED with bracket kit. Emergency BBU unit (sold separately)

Components**Components Required - MLxV2BBUBRACKETTA**

Includes:

- (4) M4*6mm BBU screws
- (4) ST3*6mm backplate screws
- Compatible Emergency BBU Unit

1. Turn off all power before installation.
2. Carefully take out the BBU bracket from the packaging.
3. Fix the BBU bracket: Remove two screws between the clips and fix the bracket using those two screws in that position. If necessary, two ST3*6mm screws can be added to ensure that the bracket is fixed tightly. (See Figure 1)
4. Fix the BBU: Place the BBU on the bracket and fix it with four M4*6mm screws. Make sure the BBU is fixed tightly. (See Figure 2)
5. Remove the screw at the top of the driver box. (See Figure 3)
6. Remove one of the knockouts, then insert the flexible conduit into the knockout and fix it with the cover plate of the driver box. (See Figure 4)
7. Connect the wires from the flex conduit and the wires from the panel according to the wiring diagram. (See wiring on the following page)
8. Put the cover plate back and screw it to the top of the driver box again. (See Figure 5)
9. Install the test switch: Fix the test switch in an easily operable position on the panel light. Make sure the switch indicator light is visible and wires are not exposed.
10. Finish installation and turn on the power.

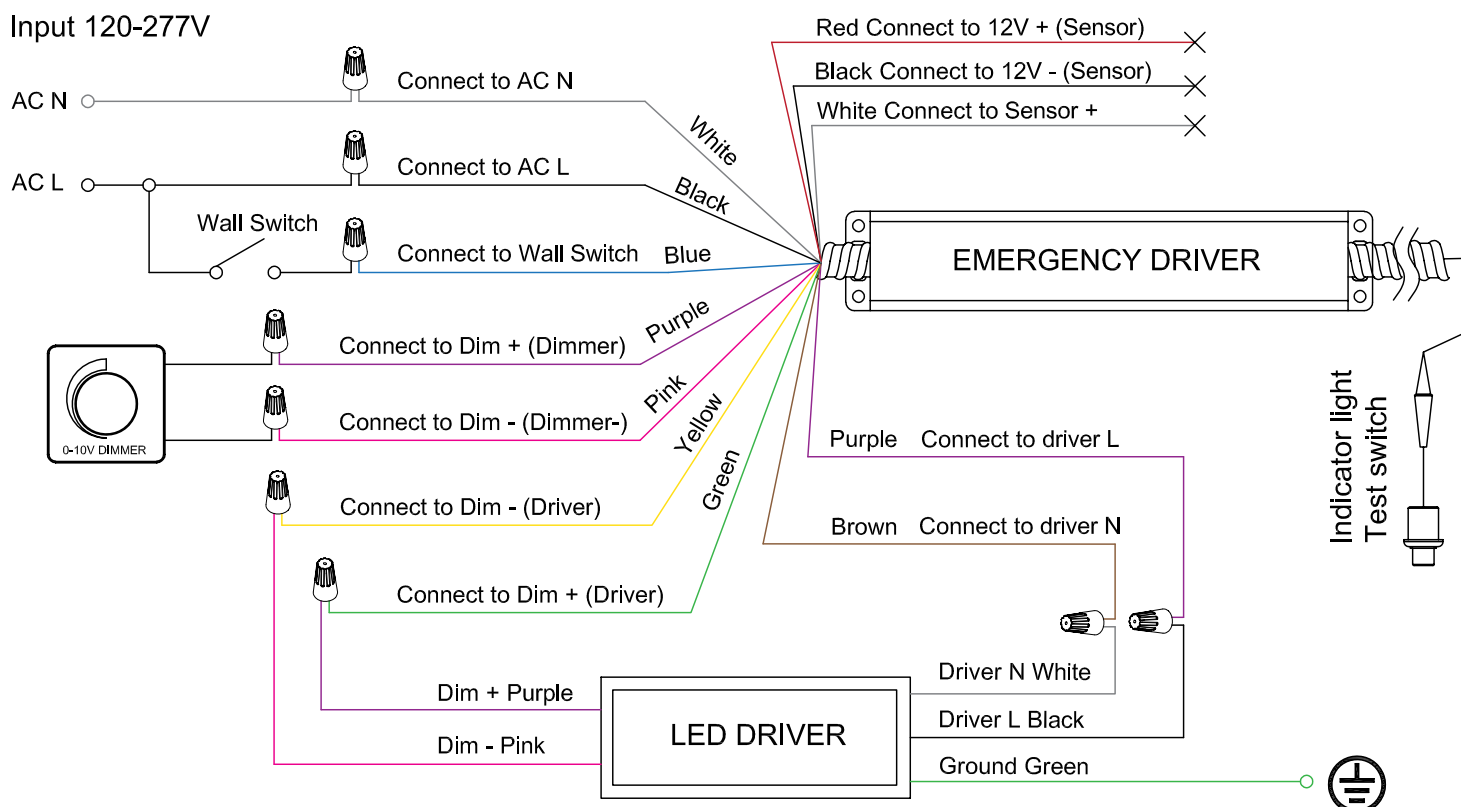


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Test Indicator

Mode	LED Indicator Status		error	EM Driver Status/Mode	Corrective Action
Normal Mode	Solid Green		None	Battery is fully charged	N/A
	Flashing Green		None	Battery is charging	N/A
Emergency Mode	Solid Red		None	Emergency mode discharging	N/A
	Flashing Red		None	Discharging is about to end	N/A
Fault Mode	Flashing Green and Red		Error	Emergency driver error detected	1. Change a new product. 2. Contact customer service.

Test Mode	Description	Action	Reset
Initial Testing	Quick Discharge Test	Press the test button once, LED load goes into EM mode	Release test button, auto reset
Shipping Mode	Turn OFF EM Mode	In EM mode, press the test button twice, EM mode goes off.	Reconnect product input line

Wiring Diagram – Model Number EBUUP17015N200B

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Standard Product Warranty

TERMS & CONDITIONS

Introduction

This product warranty (the "Warranty") covers each of MaxLite's LED lighting fixtures, lamps, and controls (the "Product(s)") that are purchased while the Warranty is in effect, for a specified period of time (the "Warranty Period") from the earlier of the actual installation date or 90 days after the original date of purchase from a MaxLite authorized distributor/dealer. For each Product, the Warranty Period can be found in the most current versions of the MaxLite Standard Product Warranty Coverage document ("SPWC") and applicable MaxLite Product Data Sheet ("PDS").

Warranty Coverage

If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same Product (or, if the same Product is not reasonably available, with a product that is comparable in MaxLite's view) at no charge, or will issue a refund. MaxLite reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured products or parts in the warranty replacement process.

General Terms and Conditions of the Warranty

1. The Warranty is effective for purchases of Products on and after July 22, 2019. MaxLite reserves the right to modify the Warranty from time to time; any such modifications shall be effective for all purchases made on and after the effective date of such modification.
2. The Warranty is applicable only to Products originally purchased from an authorized MaxLite distributor/dealer and is otherwise void.
3. Except for Products that qualify for a labor allowance per the SPWC, MaxLite is not responsible for any of the labor costs or other expenses associated with Product removal or installation.
4. The Warranty is void if the Product is operated outside its normal operating conditions per the applicable PDS, has been installed for an application for which it is not rated, or has been subject to accident, neglect, abuse, misuse, or Acts of God, and shall only be effective if the Product has been used, installed, and maintained in accordance with MaxLite's written instructions.
5. The Warranty shall not apply to any Product which is used, installed, operated, or maintained in violation of any applicable standard, code, or instructions for use, including without limitation, those contained in the Standards for Safety of Underwriters Laboratory, Inc (UL); the National Electric Code (NEC); Standards for the American National Standards Institute (ANSI); or, in Canada, the Canadian Standards Association (CSA).
6. The Warranty does not cover any 3rd party devices or products used in conjunction with the Product unless they are purchased from or provided by MaxLite to be used specifically with the Product.
7. Repaired and/or replacement products are warranted by MaxLite for the remainder of the failed Product's original Warranty Period.
8. The Warranty shall not apply to Products, parts, advice, assistance, or service which a) MaxLite furnishes as a courtesy or for no fee, and/or b) that are purchased and/or used outside of the United States or Canada.
9. In the event that LEDs fail to operate, such shall constitute a Product defect under the Warranty only if at least 15% of the LEDs per product have stopped illuminating.
10. The Warranty does not cover any cosmetic Product defects, including without limitation, damage to the painted Product finish or other finish or coating. Nor does the Warranty cover any lumen drop-off or CCT (color temperature) variations experienced by a Product.
11. Only an Officer of MaxLite, or a designee appointed in writing by an Officer of MaxLite is authorized to change, modify or extend the terms of this Warranty.
12. The Warranty and all matters connected with the performance thereof shall be construed, interpreted, applied and governed in all respects by the laws of the State of New Jersey in the United States of America. Any action, suit or proceeding arising out of or relating to this Limited Warranty and/or to the purchase of Products covered by this Limited Warranty, shall be venued exclusively in the State or Federal courts located within the State of New Jersey (U.S.A.).
13. To make a claim under the Warranty, customer must notify MaxLite (or MaxLite's designee) in writing, during the Warranty Period, of the Product failure. All claims must be initiated using the warranty claim process found on MaxLite's website.
14. Before providing Warranty coverage, MaxLite or its designee(s): (i) may require that you provide evidence of the purchase and/or installation date (e.g. a copy of original receipt/invoice, customer order number, etc.); and (ii) shall have the right but not the obligation to inspect the relevant project job site.
15. Warranty coverage is only available if the original purchaser is not in default or arrears on any portion of its payment obligations to MaxLite for the defective Product.

LIMITATION OF LIABILITY

THIS WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, such limitation may not apply to you.