

## MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)



### General Safety Information

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.



Picture is for illustration purposes only.  
Your model may vary.

#### **WTC Series**

Operating Temperature: -40°C to 40°C  
Rated Voltage: 120-277 Vac 50/60Hz

#### **WARNING:**

##### **RISK OF ELECTRICAL SHOCK**

- 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.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.
- Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.

#### **CAUTION:**

##### **RISK OF INJURY**

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- 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.

#### **CAUTION:**

##### **RISK OF FIRE**

- Keep combustible and other materials that can burn away from luminaire and lamp/lens
- **MIN 90°C SUPPLY CONDUCTORS.**

#### **Models: WTC Series**

#### **FCC Statement:**

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### **FCC Warning:**

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.

# MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)

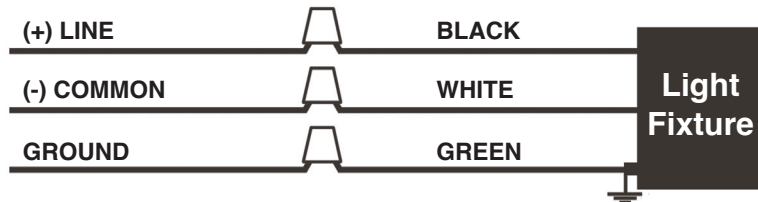


## General Wiring Diagram

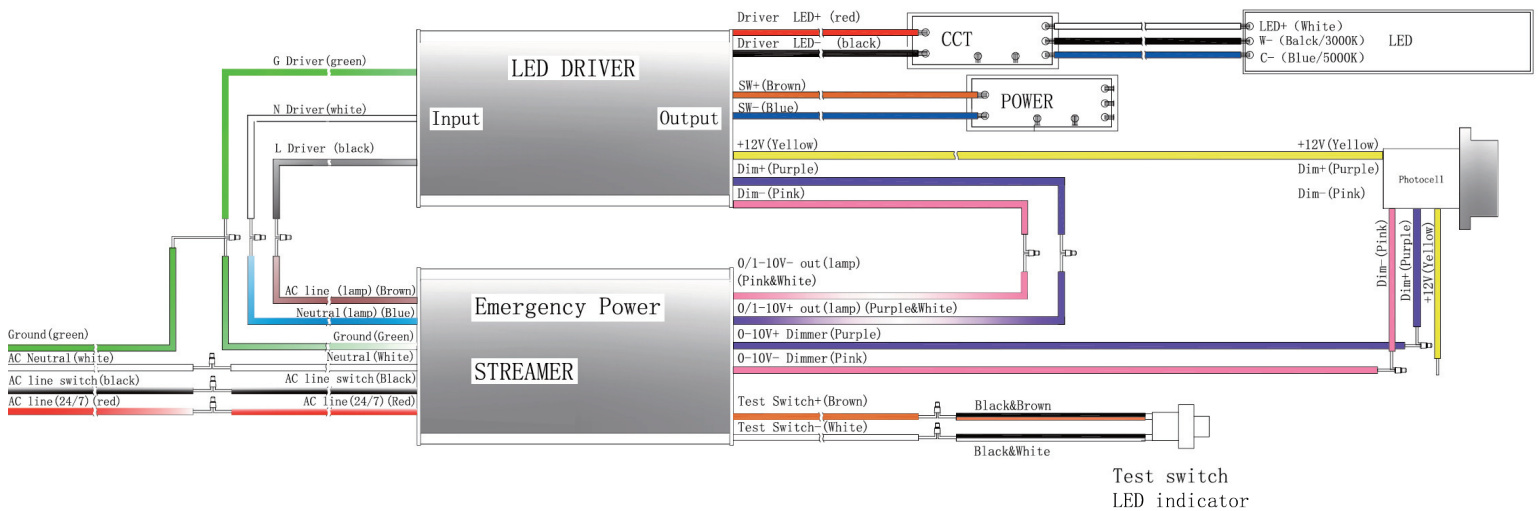
**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Connecting panels to AC source supply: All units must be individually connected to the AC supply.

Black / Brown = Line, White = Common, Green = Ground



## Standard Product with -20C EM



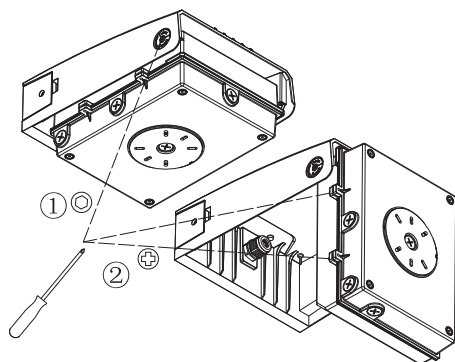
## MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)

**Surface Mount Installation Instructions**

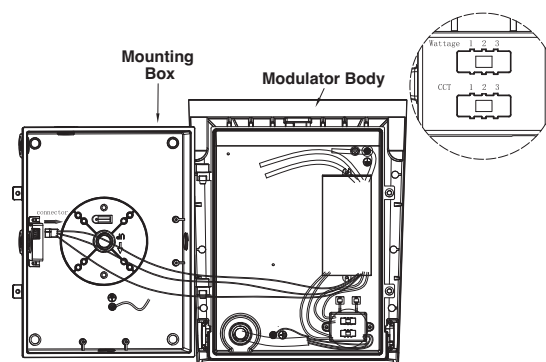
**Note:** Add a bead of exterior grade silicone sealant around the perimeter of the wall pack on the wall to inhibit any moisture from attachment bolts.

**Note:** Disconnect power before installation.

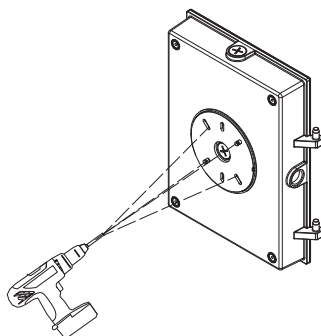
1. Loosen the angle-adjustment hex screw using a 4MM Allen wrench ①. Lift the front heatsink and loosen the two (2) screws on the side of the fixture using a #2 Phillips screwdriver ②. (See **Fig. 1**)

**Fig. 1**

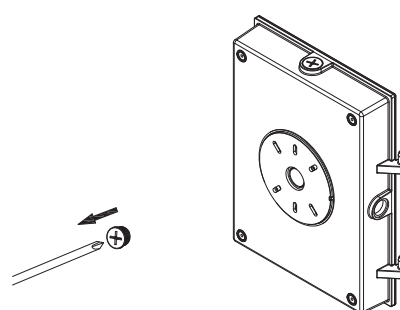
2. Disconnect the DC wire connector and separate the modulator body from the mounting box. Adjust the power and CCT switches attached to the modulator body to the desired settings. (See **Fig. 2**)

**Fig. 2**

3. Drill through the mounting holes on the J-Box template according to the applications requirements. (See **Fig. 3**)

**Fig. 3**

4. Remove the knock-out plug on the back of the mounting box. (See **Fig. 4**)

**Fig. 4**

## MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)



## Surface Mount Installation Instructions (Continued)

5. Using four (4) anchor bolts (not included), secure the mounting box to the wall and pull the supply wires into the fixture through the KO hole. **Note:** These bolts provide structural support, anchoring the fixture to the wall. (See **Fig. 5**) If mounting to a J-Box drill four (4) holes in the corners of the mounting box for these anchor bolts. (See **Fig. 6**)

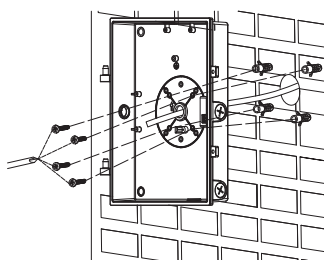


Fig. 5

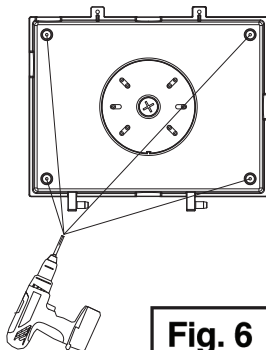


Fig. 6

6. Install the modulator body back onto the mounting box, reconnect the DC wire connector, and connect the AC input wires according to the wiring diagram. (See **Fig. 7**)

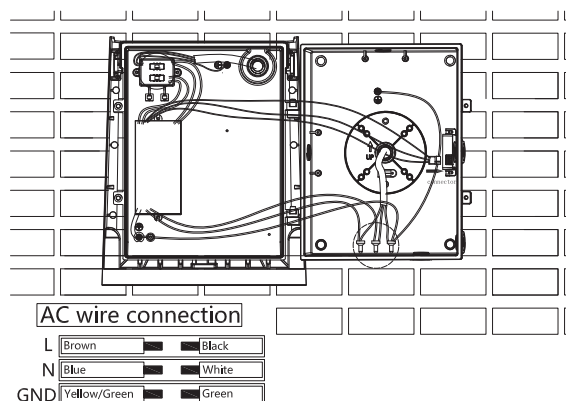


Fig. 7

7. Close the fixture and tighten the two (2) screws on the side of the fixture loosened in step 1. Ensure that the gasket between the modulator body and mounting box is fully compressed. (See **Fig. 8**)

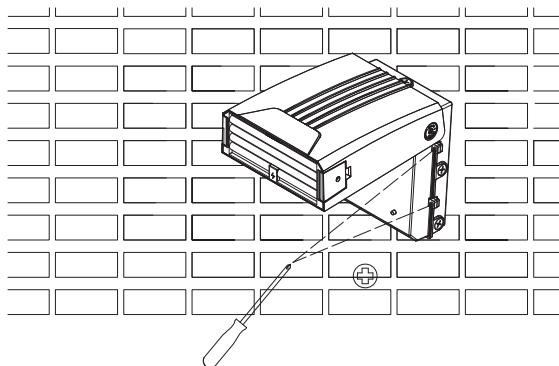


Fig. 8

8. Adjust the heatsink to the desired angle and tighten the angle-adjustment hex screw loosened in step 1 using the 4MM Allen wrench. (See **Fig. 9**)

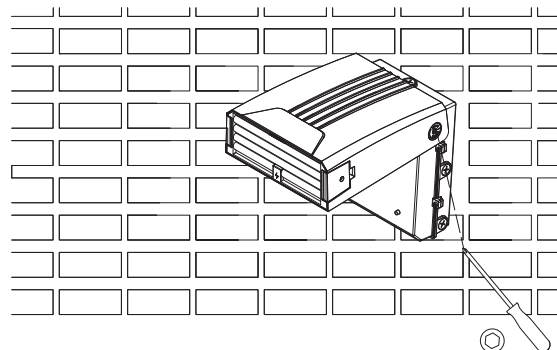


Fig. 9



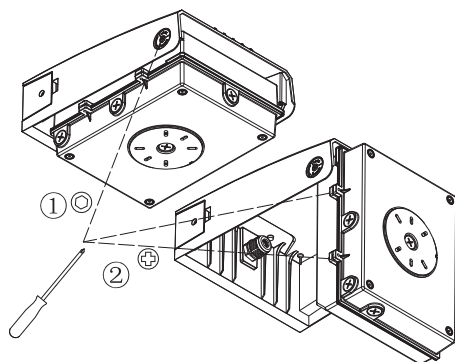
## MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)

**Conduit Mount Installation Instructions**

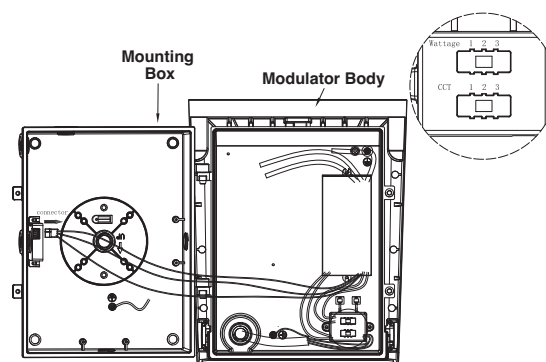
**Note:** Add a bead of exterior grade silicone sealant around the perimeter of the wall pack on the wall to inhibit any moisture from attachment bolts.

**Note:** Disconnect power before installation.

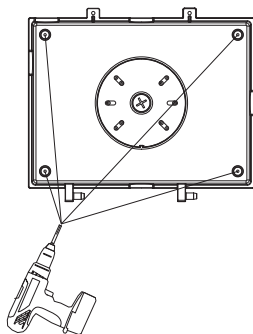
1. Loosen the angle-adjustment hex screw using a 4MM Allen wrench ①. Lift the front heatsink and loosen the two (2) screws on the side of the fixture using a #2 Phillips screwdriver ②. (See **Fig. 10**)

**Fig. 10**

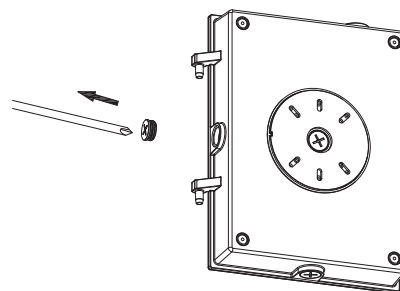
2. Disconnect the DC wire connector and separate the modulator body from the mounting box. Adjust the power and CCT switches attached to the modulator body to the desired settings. (See **Fig. 11**)

**Fig. 11**

3. Drill four (4) holes in the corners of the mounting box (See **Fig. 12**)

**Fig. 12**

4. Remove the end cap plug from the side of the back plate where the supply wires will be fed in and affix the foam gasket to the back of the fixture using the adhesive side of the gasket. (See **Fig. 13**)

**Fig. 13**

## MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)

Conduit Mount Installation Instructions (Continued)

5. Using four (4) anchor bolts (not included), secure the back plate to the wall and pull the supply wires into the fixture through the KO hole. **Note:** These bolts provide structural support, anchoring the fixture to the wall. Please use a UL certified waterproof conduit, compatible with the ½ NPT KO hole. (See Fig. 14)

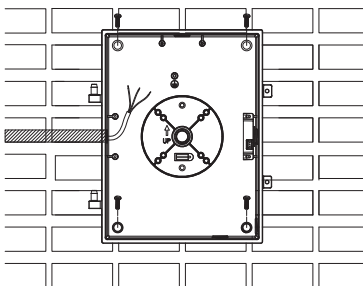


Fig. 14

6. Install the modulator body back onto the mounting box, reconnect the DC wire connector, and connect the AC input wires according to the wiring diagram. (See Fig. 15)

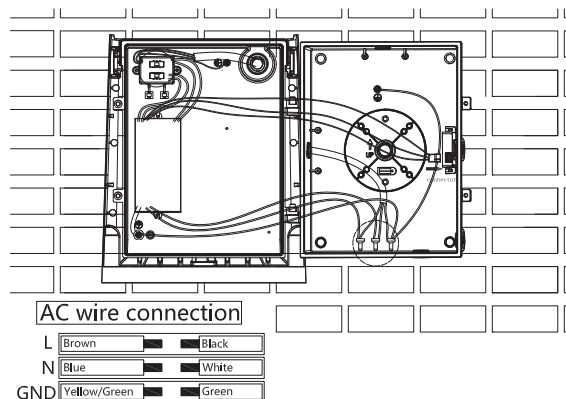


Fig. 15

7. Close the fixture and tighten the two (2) screws on the side of the fixture loosened in step 1. Ensure that the gasket between the modulator body and mounting box is fully compressed. (See Fig.16)

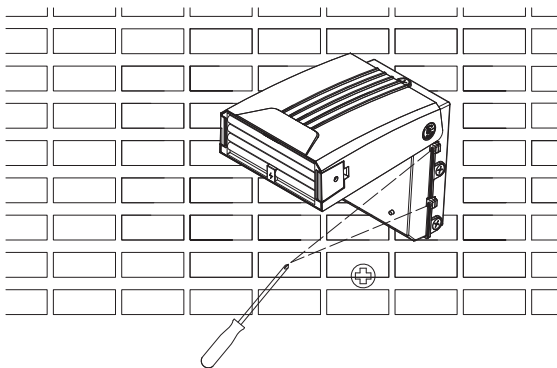


Fig. 16

8. Adjust the heatsink to the desired angle and tighten the angle-adjustment hex screw loosened in step 1 using the 4MM Allen wrench. (See Fig. 17)

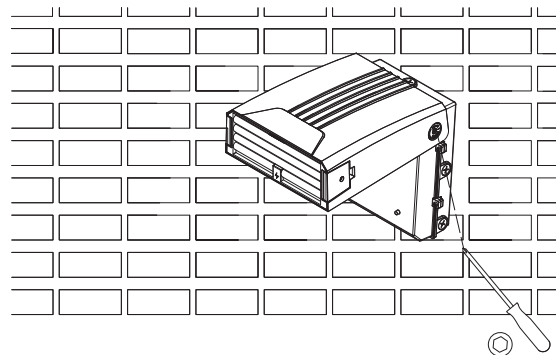


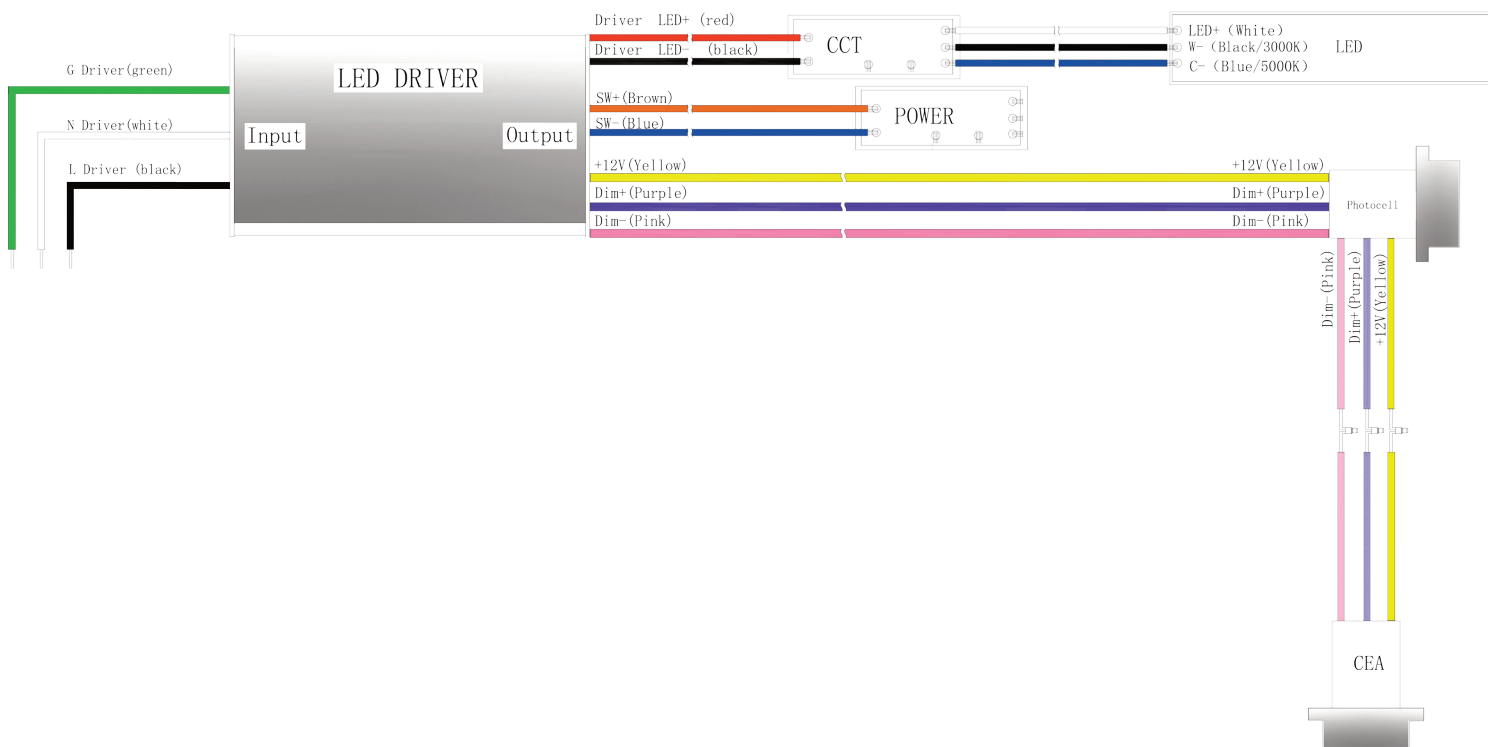
Fig. 17

# MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)

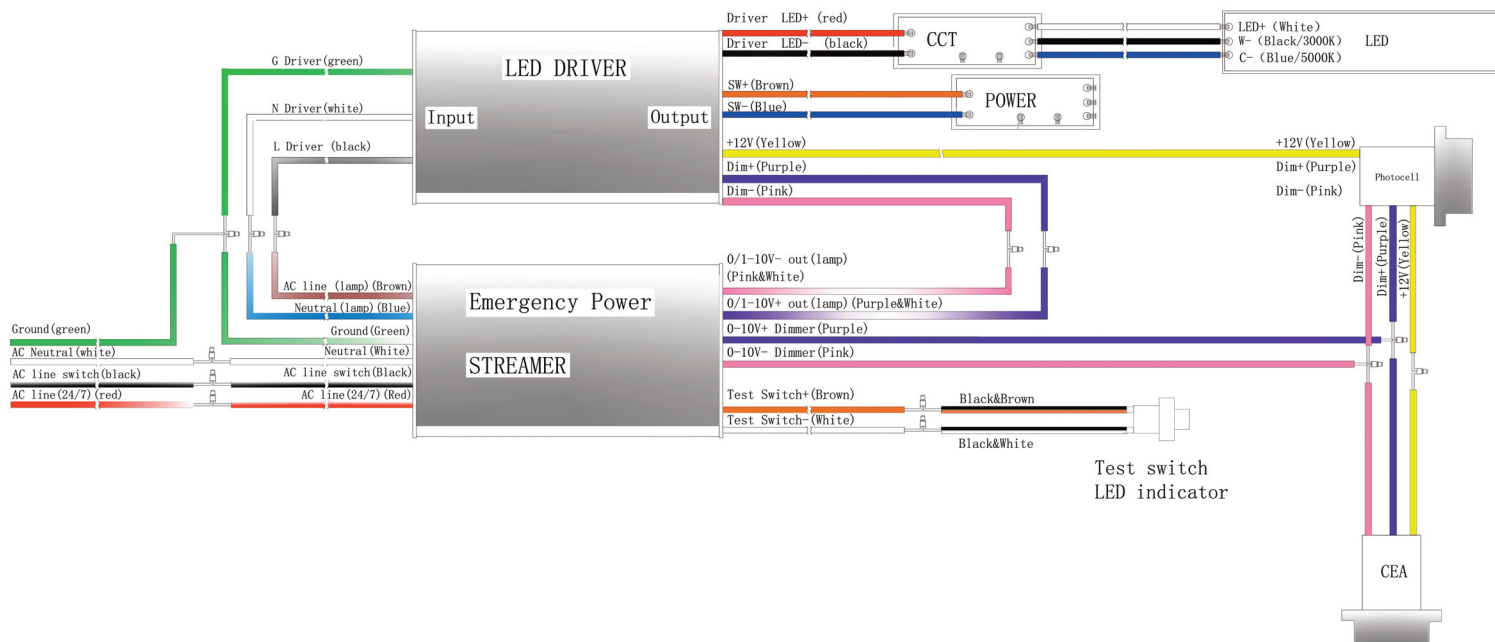


## CEA-RDB Accessory and c-Max Sensor Wiring Diagrams

### Standard Product with CEA-RDB Wiring Diagram:



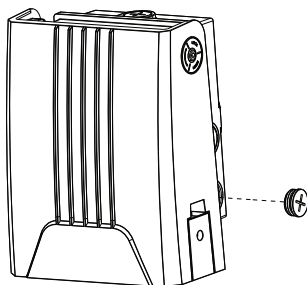
### Standard Product with -20°C EM and CEA-RDB Wiring Diagram:



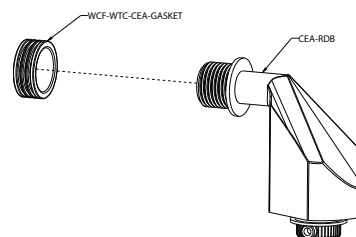
## MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)

CEA-RDB Accessory and c-Max Sensor Installation Instructions

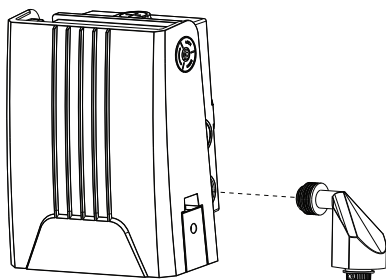
1. Remove the 1/2 NPT KO plug on the side of the luminaire. (See **Fig. 18**)

**Fig. 18**

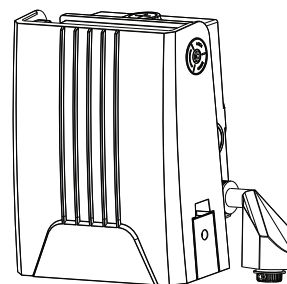
2. Remove the existing gasket, and place WCF-WTC-CEA-GASKET onto the threaded nipple of the CEA-RDB accessory. (See **Fig. 19**)

**Fig. 19**

3. Insert the CEA-RDB into the KO hole on the side of the luminaire. (See **Fig. 20**)

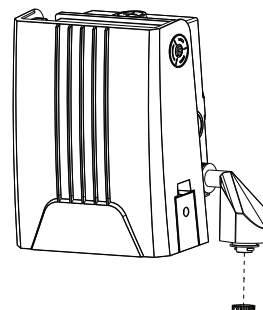
**Fig. 20**

4. Thread the CEA-RDB into the KO hole until the gasket is compressed and the bottom of the CEA is pointing down. (See **Fig. 21**)

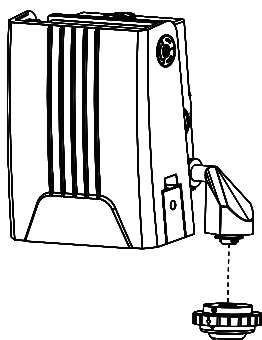
**Fig. 21**

5. Open the luminaire and make necessary wiring connections according to the diagrams above.

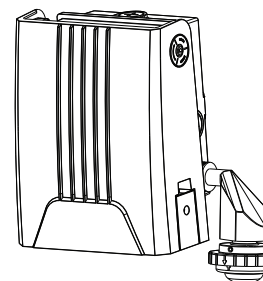
6. Close the luminaire and remove the cover from the CEA-RDB. (See **Fig. 22**)

**Fig. 22**

7. Insert the required c-Max sensor onto the CEA-RDB USB-C receptacle. (See **Fig. 23**)

**Fig. 23**

8. Secure the sensor by twisting the outer ring so that the arrows align. Lock the sensor in place by tightening the set screw. (See **Fig. 24**)

**Fig. 24**

## MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)

Setting Integral Photocontrol (PC) On/Off

1. Remove the clear plastic ½ NPT KO plug using a slotted screwdriver. (See **Fig. 25**)

**Fig. 25**

2. To turn the PC off, put the switch in the down ↓ position. To turn the PC on, put the switch in the up ↑ position. (See **Fig. 26**)

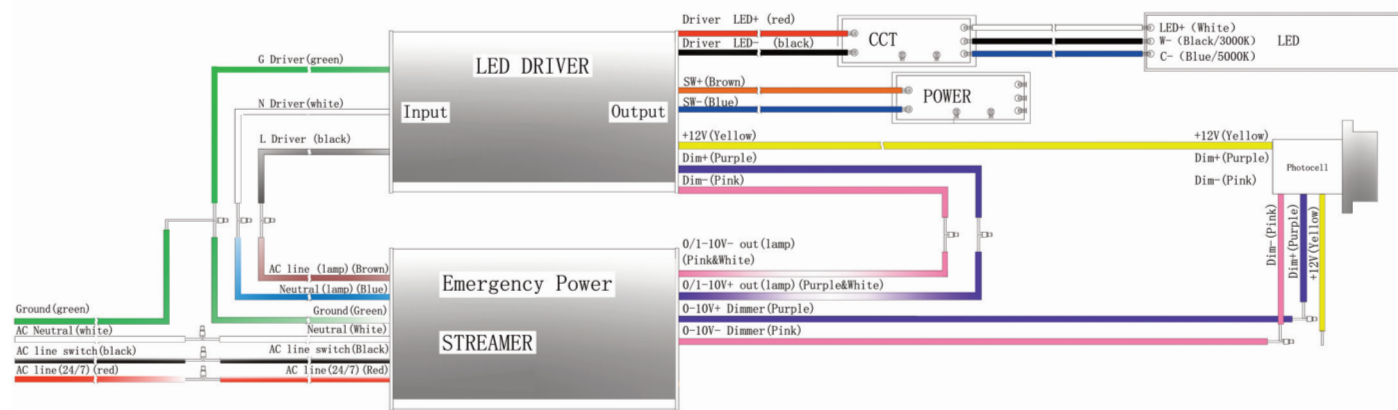
**NOTE:** ON/OFF are also laser printed on the switch as a reference. (**Fig. 27**)

**Fig. 26****Fig. 27**

# MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)



## EM2-REMOTE-MT Installation Instructions



1. Remove the 1/2 NPT KO plug from the side of the fixture. (See Fig. 28)

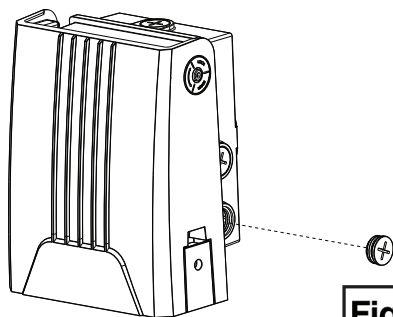


Fig. 28

2. Open the fixture and insert the wires and watertight connector into the KO hole. (See Fig. 29)

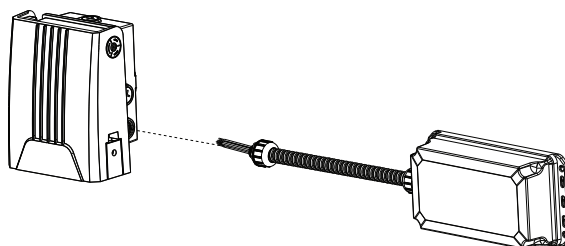


Fig. 29

3. Make wiring connections (refer to wiring diagram). Ensure the watertight connector is secured to the fixture. Secure the fixture and EM to the mounting surface with the appropriate hardware (not included). (See Fig. 30)

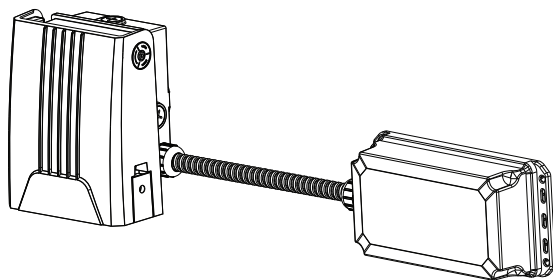


Fig. 30



**MaxLite® WallMax Thin Cutoff Wall Pack (WTC Series)****Warranty Information**

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the “Warranty Period”), as follows: 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 or like Product.

Please refer to Maxlite’s website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

**Limitation of Liability**

THE FOREGOING 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, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP’S PERFORMANCE, 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. 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 Limited 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, this limitation may not apply to you.