



## MaxLite® LED Round Pendant Highbay 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.

#### **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.
- **FOR USE INDOOR IN DAMP OR DRY LOCATION ONLY**

#### **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.**

*Illustrations on the manual are for installation purposes only. It may not be identical to the fixture purchased.*

Applicable Models	Weight
MLLHPxxxUSD12/y	7.5# un-mounted

Xxx = nominal wattage; y = optic type



**Narrow model**



**Wide model**



**Side View**

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

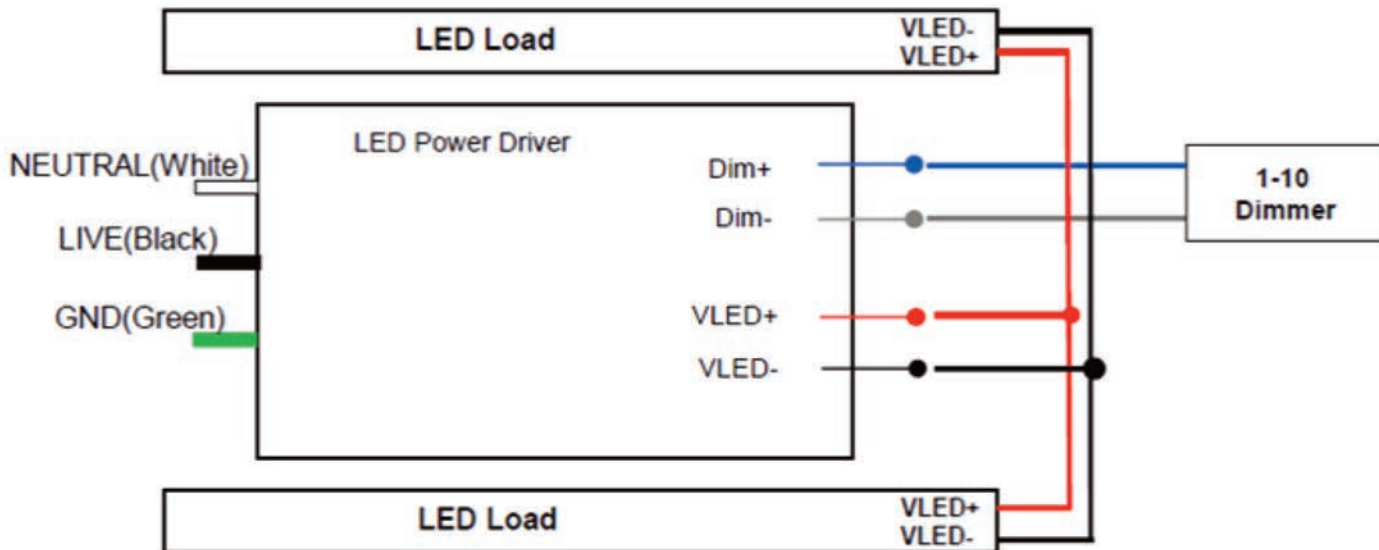
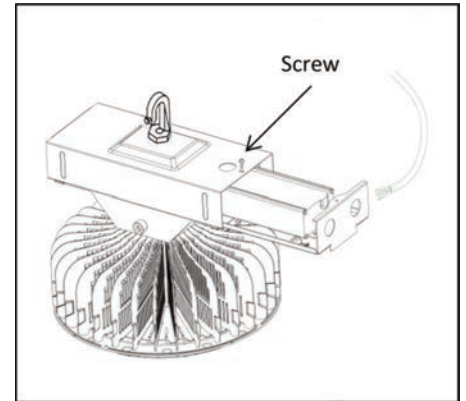
## MaxLite® LED Round Pendant Highbay Series

### General Wiring Diagram

#### Connecting driver to AC source supply:

Fixture Operated using any voltage from 120-277VAC.  
Dimming controlled via IEC 0-10v Sinking current

1. To access the SMPS unfasten the screw shown in Figure 1.
2. Connect electrical power cable conductors coming out of the MaxLED Highbay's driver housing as follows:
  - a. Brown – to – Black (Live)
  - b. Blue – to – White (Neutral)
  - c. Green – to Green (Safety Ground)



3. Make all connections according to NEC. Use only UL listed wiring connectors and UL listed wiring.
4. Use only 105C listed wiring.
5. Be sure to confirm that all connections are secure and fasten the SMPS case enclosure.
6. Contractor or qualified electrician is responsible for connection to source or branch power, installation of cord strain relief, conduit fittings or other means in accordance to applicable NEC, UBC, or local building and safety codes.
7. Use of rigid conduit connection directly to gear box is not recommended.

**MaxLite® LED Round Pendant Highbay Series****Mounting Instructions: Basic Hook (MLLHP100USD12/x / MLLHP150USD12/x)**

*Before installation, ensure if power supply is disconnected. Cables must be connected in accordance to instruction and proper standing rules.*

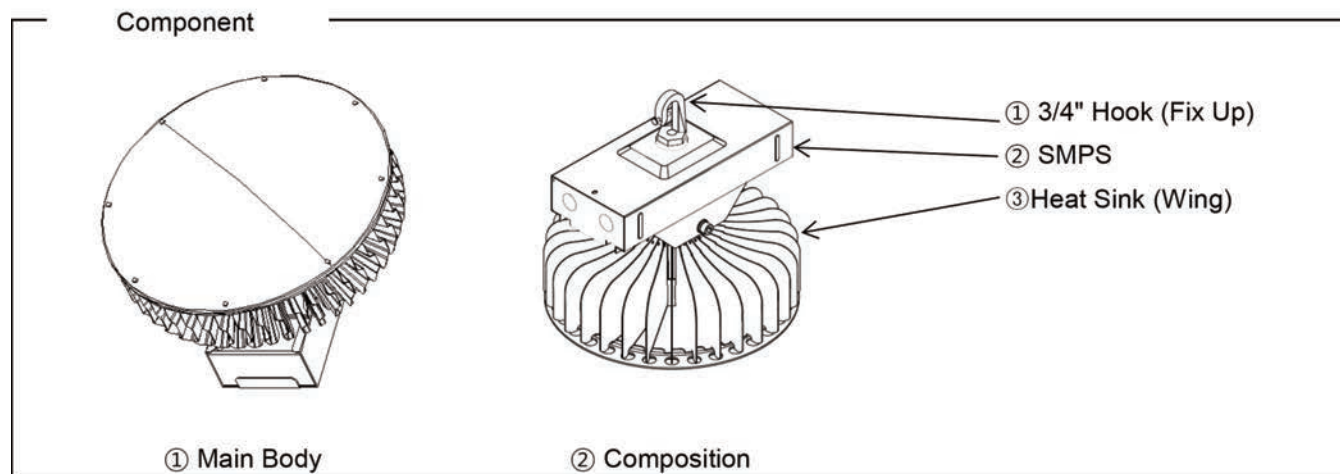
*Fixture comes fully assembled and pre-wired for easy installation. The fixture may be used with a dimmer, dimmer must be IEC 0-1v sinking type.*

*If fixture mounting utilizes a ceiling mounted flange check the condition for any erosion or foreign substances etc.*

\*Note: Make sure chain/cable is rated for 4x over the hanging load. Use (2) D-Ring carabineer's to use with a safety chain (provided by others) if one is required. If mounting directly to a ceiling mounted flange (As shown below) ensure the condition of the flange is suitable to withstand the suspended load.

\*Note: Mounting chain, cable, or stems are not included.

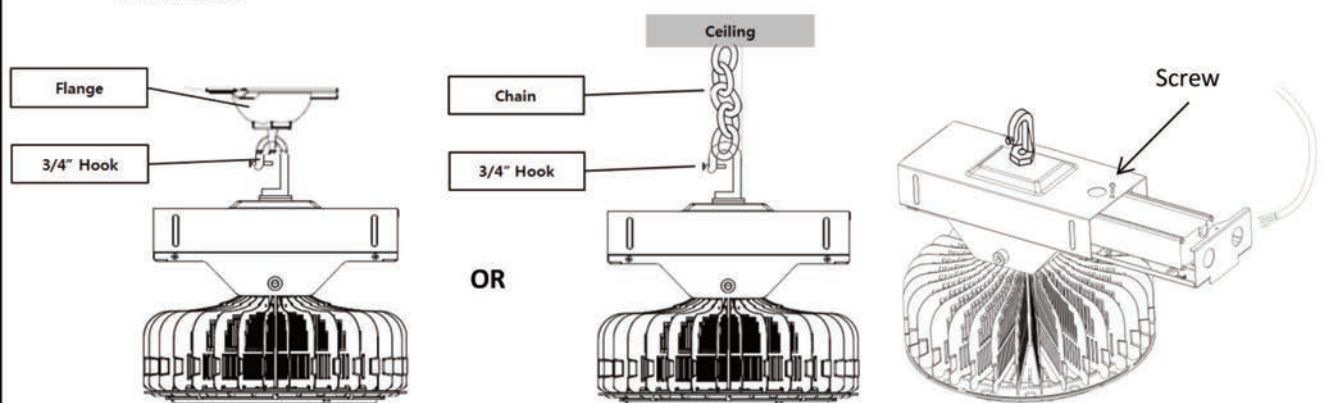
\* This product is designed for illuminaion of industrial location. (for the steel frame or concrete ceiling)



## MaxLite® LED Round Pendant Highbay Series

### Mounting Instructions: Basic Hook (MLLHP100USD12/x / MLLHP150USD12/x)

#### Installation

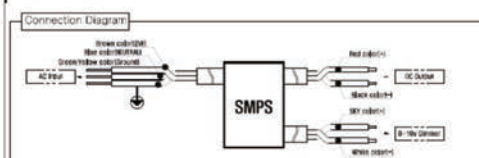


1. Check the condition of the flange or Chain on the ceiling before the installation.  
(check the condition of fixed screw , foreign substances, and rust removal etc.)
2. Assembly the SMPS with SMPS case and fasten by Screw
3. Using the 3/4" hook, connect to the flange or chain

#### Caution (Installation/Storage)

- Please treat the item carefully not to be damaged on the front cover that can be scratched
- Please be cautious about the fall of the item when installed on the high spot
- Please be aware that you ought to wear safety gloves and begin working owing to be injured from the sharp part of the LED module.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

#### Wire diagram



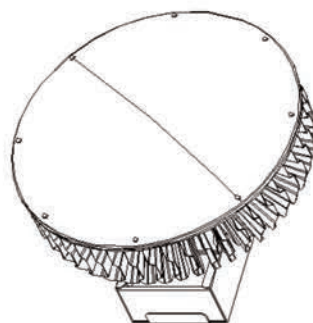


## MaxLite® LED Round Pendant Highbay Series

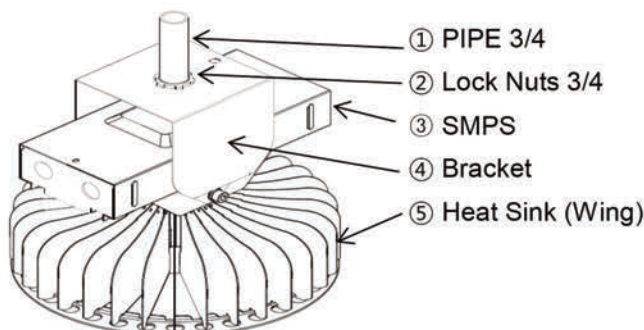
### Mounting Instructions: Pendant (MLLHP100USD12S/x / MLLHP150USD12S/x)

\* This product is designed for illumination of industrial location. (for the steel frame or concrete ceiling)

#### Component

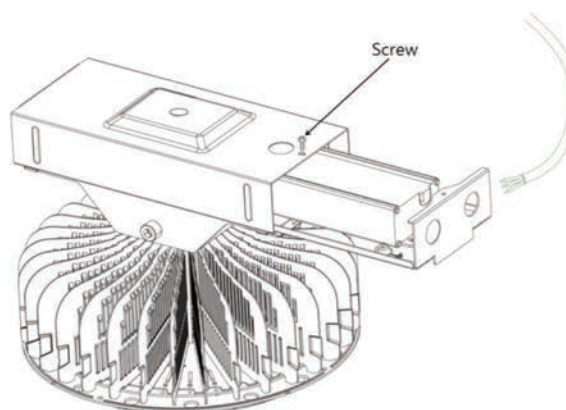
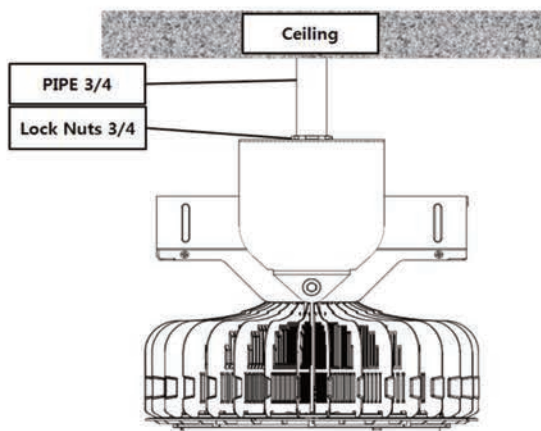


① Main Body



② Composition

#### Installation

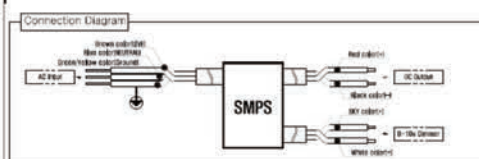


1. Check the condition of the Pipe on the ceiling before the installation.  
(check the condition of fixed screw , foreign substances, and rust removal etc.)
2. Assembly the SMPS with SMPS case and fasten by Screw
3. Using the Lock Nuts 3/4, connect the Pipe and Bracket

#### Caution (Installation/Storage)

- Please treat the item carefully not to be damaged on the front cover that can be scratched
- Please be cautious about the fall of the item when installed on the high spot
- Please be aware that you ought to wear safety gloves and begin working owing to be injured from the sharp part of the LED module.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

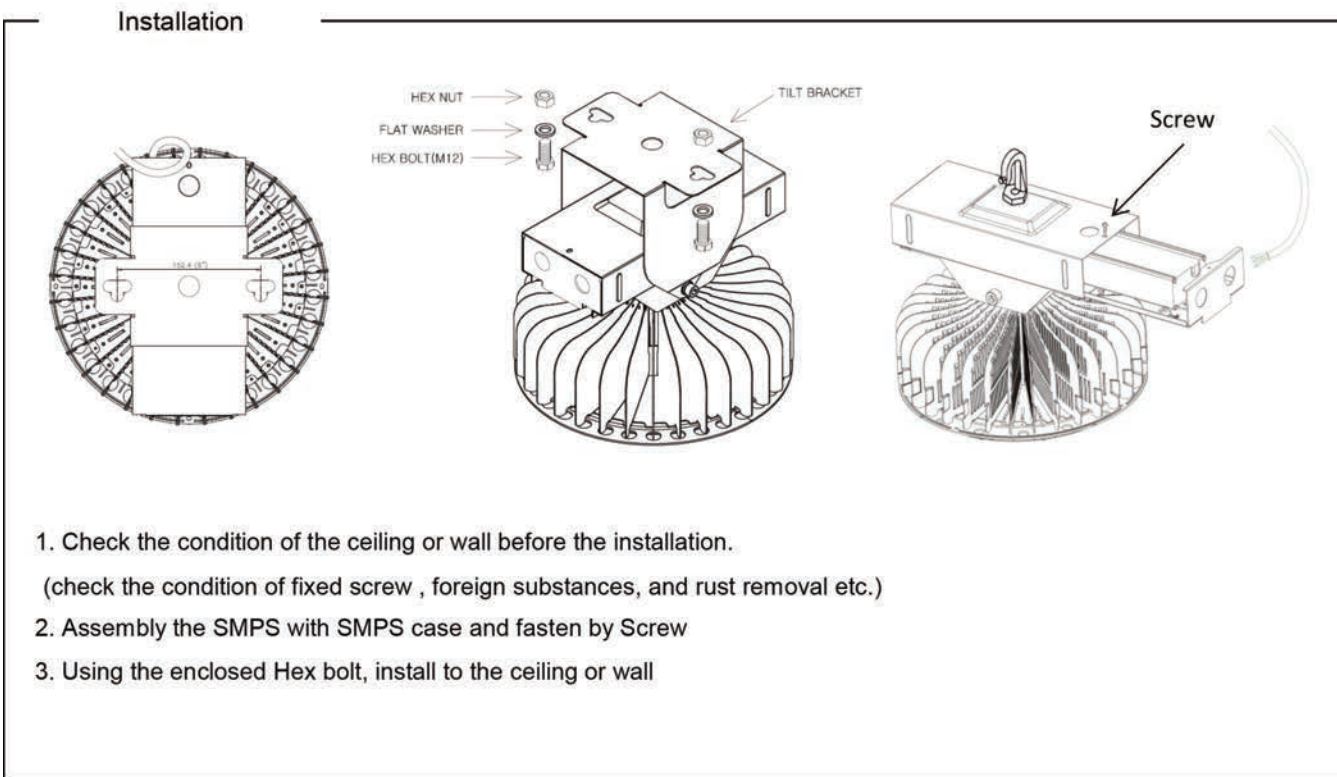
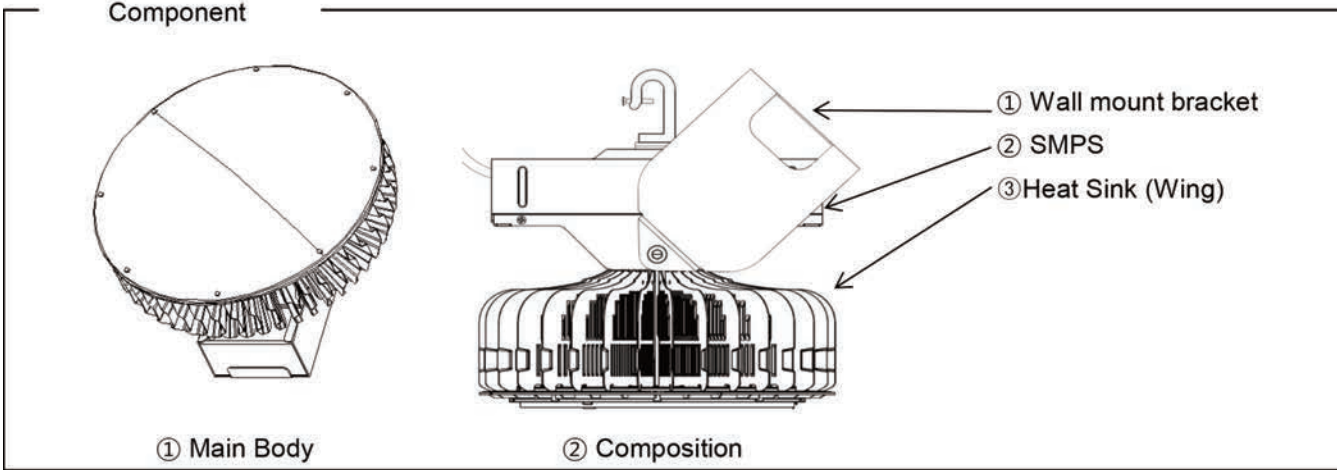
#### Wire diagram



## MaxLite® LED Round Pendant Highbay Series

### Mounting Instructions: Wall Mount (MLLHP100USD12B/x & MLLHP150USD12B/x)

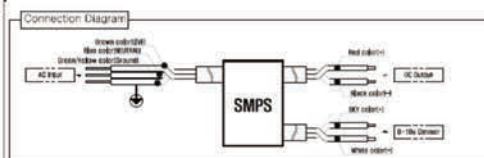
\* This product is designed for illumination of industrial location. (for concrete ceiling or wall)



#### Caution (Installation/Storage)

- Please treat the item carefully not to be damaged on the front cover that can be scratched
- Please be cautious about the fall of the item when installed on the high spot
- Please be aware that you ought to wear safety gloves and begin working owing to be injured from the sharp part of the LED module.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

#### Wire diagram



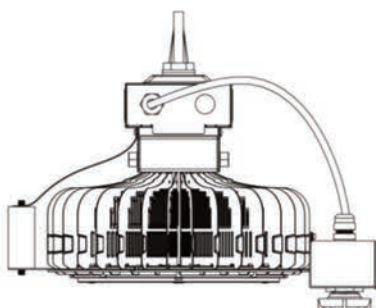
## MaxLite® LED Round Pendant Highbay Series

### Mounting Instructions: Motion Sensor (MLLHP100USD12#/xMS / MLLHP150USD12#/xMS)

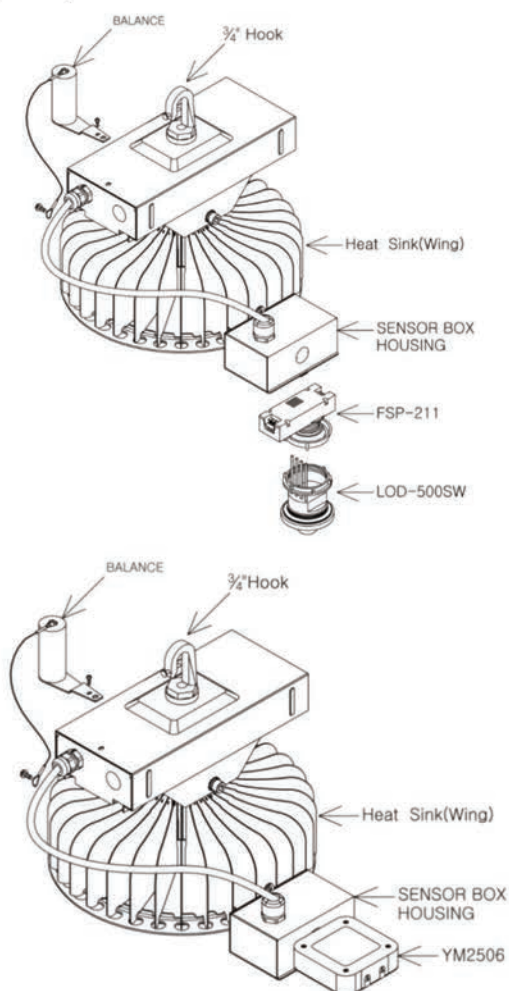
\* This product is designed for illumination of industrial location. (for the steel frame or concrete ceiling)

#### Component

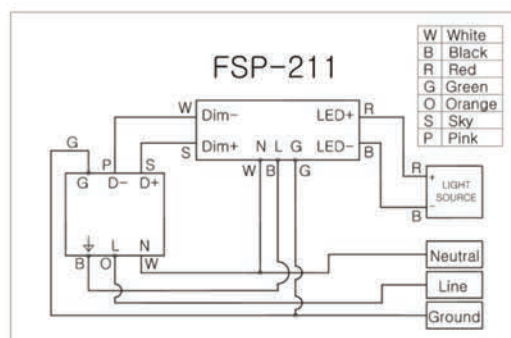
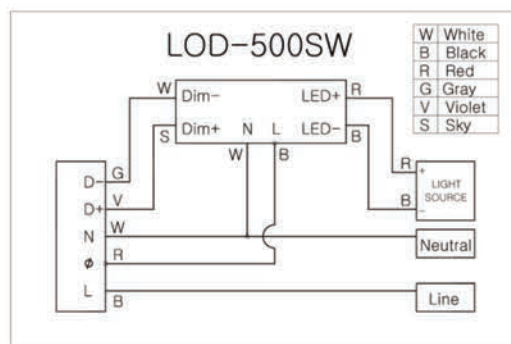
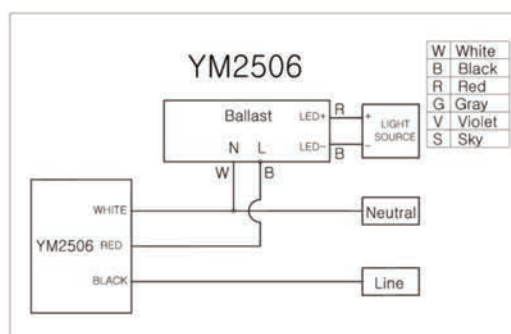
##### ① Main Body



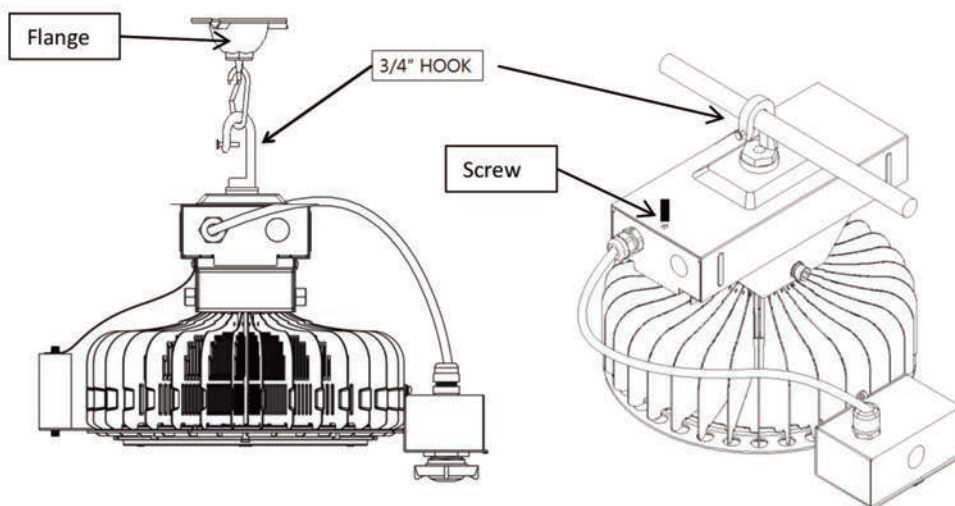
##### ② Composition



#### Wire diagram





**MaxLite® LED Round Pendant Highbay Series****Mounting Instructions: Motion Sensor (MLLHP100USD12#/xMS / MLLHP150USD12#/xMS)****Installation**

1. Check the condition of the flange on the ceiling before the installation.  
(check the condition of fixed screw , foreign substances, and rust removal etc.)
2. Assembly the SMPS with SMPS case and fasten by Screw
3. Using the 3/4" hook, connect the flange with chain or hook on the pipe

**Caution (Installation/Storage)**

- Please treat the item carefully not to be damaged on the front cover that can be scratched
- Please be cautious about the fall of the item when installed on the high spot
- Please be aware that you ought to wear safety gloves and begin working owing to be injured from the sharp part of the LED module.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND

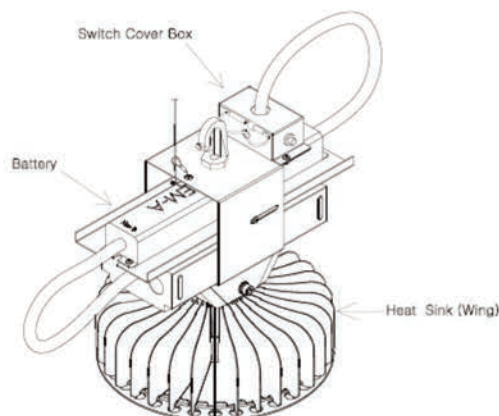


## MaxLite® LED Round Pendant Highbay Series

### Mounting Instructions: Battery Backup Unit (MLLHP100USD12S/xEM / MLLHP150USD12S/xEM)

\* This product is designed for illumination of industrial location. (for the steel frame or concrete ceiling)

#### Component , Wire diagram



① Composition



① DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

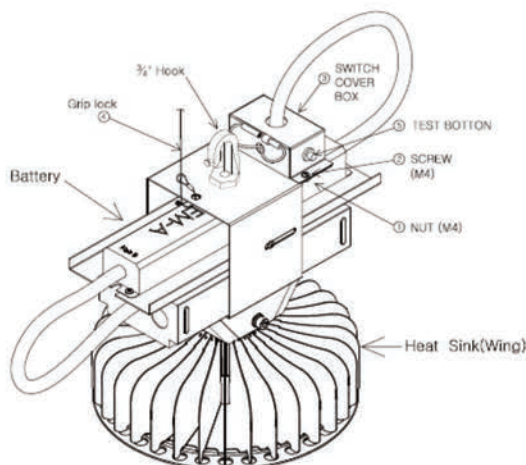
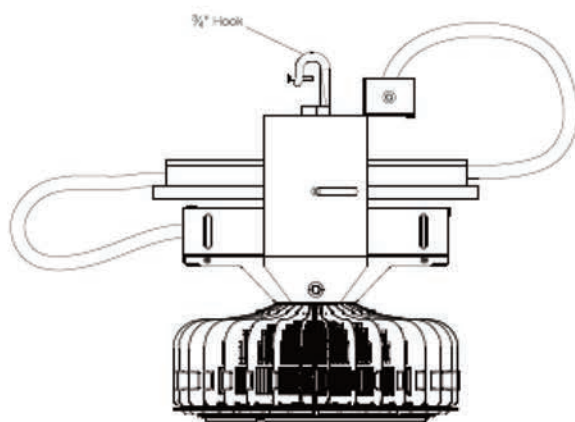
② TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.

③ Please connect the Neutral line of AC Cord to 3pin connector of White label.

④ Please connect the Live line of AC Cord to 3pin connector of Black label.

② Wire diagram

#### Installation



1. Check the condition of the flange on the ceiling before the installation.  
(check the condition of fixed screw , foreign substances, and rust removal etc.)
2. Assembly the SMPS with SMPS case and fasten by Screw
3. Using the snap hook, connect the I bolt and flange

#### Caution (Installation/Storage)

- Please treat the item carefully not to be damaged on the front cover that can be scratched
- Please be cautious about the fall of the item when installed on the high spot
- Please be aware that you ought to wear safety gloves and begin working owing to be injured from the sharp part of the LED module.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED



## MaxLite® LED Round Pendant Highbay 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.