



**T-1 LIGHTING**



Project	Catalog #
Distributor	Type
Prepared by	Date

# ORHB UFO HIGH BAY SERIES T1-ORHBLED

The **Orhb Series** is our new generation LED high bays featuring a thinner and circular profile with an upgraded modern look to the traditional high bay. Designed with easy installation of sensors at the face of the fixture. It is an ideal application for any high ceiling facility looking to improve its aesthetic while being energy-efficient. The **Orhb Series** has an IP65 protection grade that makes it suitable for wet locations and environments with ambient temperature of up to 122°F. This fixture comes equipped with 6/6Kv surge protection, closed hook for mounting and safety cable for stability, 100,000 hour lifespan.



## SPEC

Model Number	Input Power	Color Temp	Input Voltage	Lumens	Efficacy	Temp	CRI	IP
T1-ORHBLED/MW150-MCCT	Multi Watt 80/100/120/150W	MCCT	120-277V	12160	152	-20°C ~ +50°C -4°F ~ +122°F	>80	IP65
				15200				
				18240				
				22800				
T1-ORHBLED/MW250-MCCT	Multi Watt 120/150/200/250W	MCCT	120-277V	18240	152	-20°C ~ +50°C -4°F ~ +122°F	>80	IP65
				22800				
				30400				
				38000				

WARRANTY: SEVEN YEAR PARTS AND FIVE YEAR LABOR

LIFESPAN: 100,000 HOURS

## ORDERING OPTIONS

Series	Wattage	Color Temp	Voltage	Dimming	Accessories	Controls
T1-ORHBLED	/MW150	-MCCT				
T1-ORHBLED	<b>150</b> <b>MW80</b> 80W <b>MW100</b> 100W <b>MW120</b> 120W <b>MW150</b> 150W <b>250</b> <b>MW120</b> 120W <b>MW150</b> 150W <b>MW200</b> 200W <b>MW250</b> 250W	<b>-MCCT</b> 3500K 4000K 5000K	<b>[BLANK]</b> 120-277V	<b>[BLANK]</b> 0-10V	<b>[BLANK]</b> SM Hook Surface mount Bracket Reflector  <b>RF</b>	<b>[BLANK]</b> MS None Bi-level microwave sensor <b>EM</b> Emergency Backup

AVAILABLE IN WHITE



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**UFO HIGH BAY SERIES**  
**T1-ORHBLED**

**DIMENSIONS**

**T1-ORHBLED/MW150-MCCT**



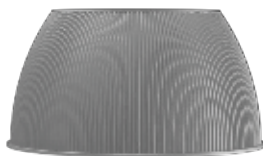
**T1-ORHBLED/MW250-MCCT**



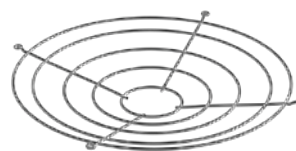
**ACCESSORIES**



Metal Shade Reflector



Poly Carbonate Reflector



Wire Guards



Dimmable Motion Sensor

## INSTALLATION

### **WARNING**

- To reduce the risk of death, personal injury or property damage from fire, electrical 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 the installations: If you are unsure about the installations or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- The National Electric code (NEC) does not permit cords to be concealed where damaged to the cord's insulation may go unnoticed. To prevent fire damage, do not run cord behind walls, ceilings, soffts, or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.
- To prevent wiring damage or abrasion, do not expose wiring to edges or sheet metal or other sharp objects.
- Do not make or alter any open holes in enclosures of wiring or electrical components during kit installation.
- Turn off electrical power at fuse or circuit breaker box before wiring fixture to power supply.
- Turn off the power when you perform any maintenance. Fixture may become hot during operation and fixture to cool down before performing any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Do not exceed the normal supply voltage or amperage ratings,
- All wiring connections should be capped with UL approved wire connectors.

### **CAUTION**

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and before destroy packing material, as they may be hazardous to children.
- Risk of burn. Disconnect power and allow fixture to cool before changing bulb or handling fixture.

**NOTICE: Green ground screw provided in proper location. Do not relocate.**

**NOTICE: Minimum 90 supply conductors.**

**NOTICE: Specifications and dimensions subject to change without notice.**

**NOTICE: Suitable to dry damp location.**

**Install or remove sensor as Fig. indicated.**

### **FIXTURE MOUNTING**

#### **1) U Bracket MOUNTING (FIG.1)**

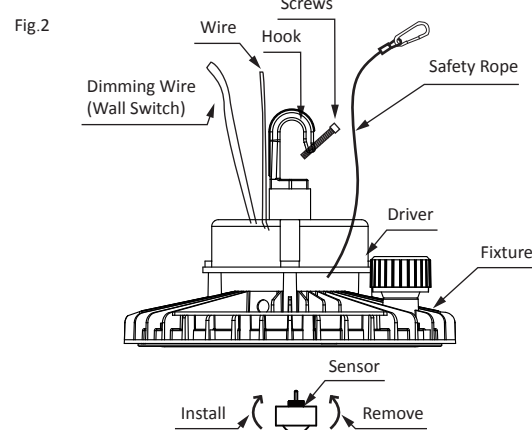
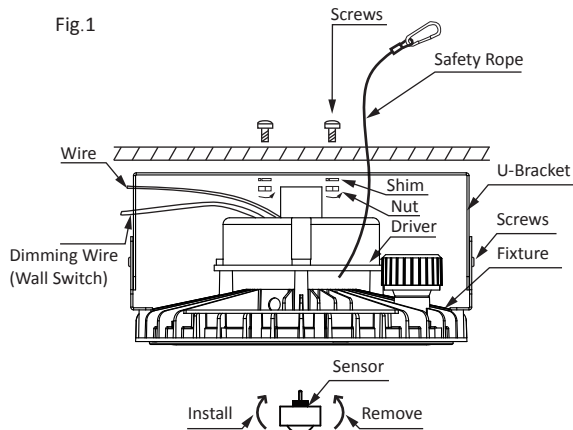
1. Mount the U-bracket to the canopy structure( U bracket is adjustable upon request for fixture angle).
2. Connect driver with external input wire.
3. Fix safety chain with fixture body and canopy structure.

#### **2) HOOK MOUNTING. (FIG.2)**

1. Use hanging chain or hook or anything else upon requirement.
2. Make sure safety rope is applied for supplemental safety support for the fixture.

## INSTALLATION

The light-emitting surface of the fixture can only be installed vertically to the ground.



### WIRING DIAGRAM

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. Follow wiring directions as in Fig. 3.

1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground.

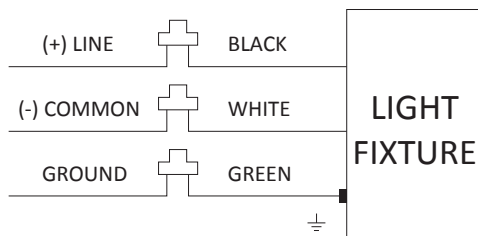


Fig. 3

### 0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. A 5-wire cord is provided. For 0-10V Dimming, follow the wiring directions as Fig. 4.

1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground. DO NOT connect the GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the pink fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

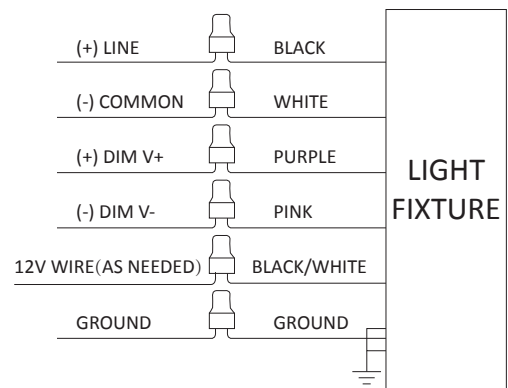


Fig. 4

## INSTALLATION

### CLEANING & MAINTENANCE

**CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.**

Do not open fixture to clean the LED. Do not touch the LED.

**Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation operation or maintenance.**

### Wattage & CCT Adjust (Only for the Wattage & CCT Turnable models)

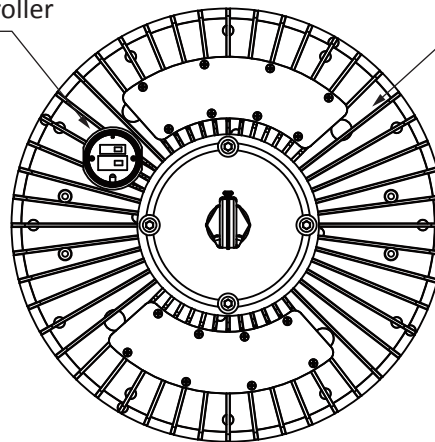
Pull up the cover and adjust the power, color temperature as needed before installing. Close the cover after adjustment.

### TROUBLESHOOTING

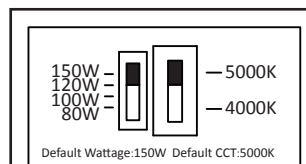
1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?

Wattage and CCT Select Controller

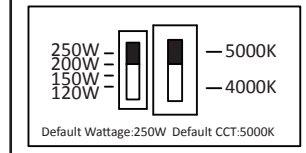
Fixture



150W



250W





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**PHOTOMETRIC DATA**

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