

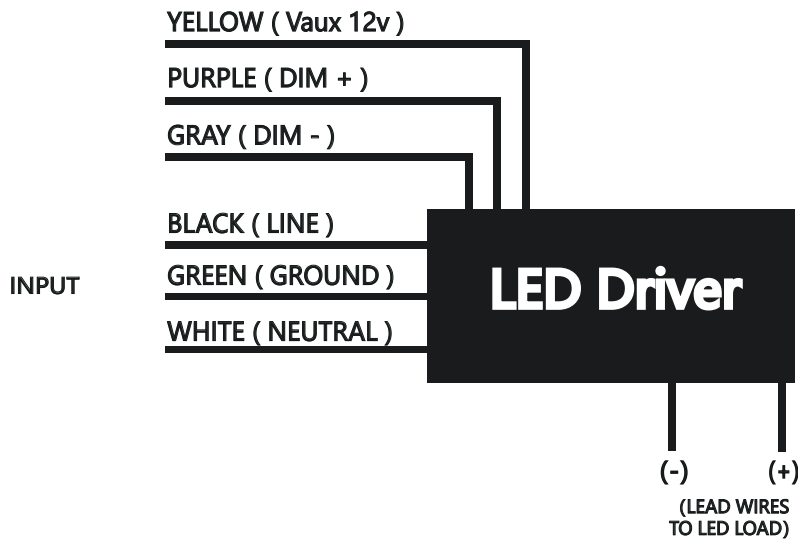
High Temperature LED High Bay

General Wiring Diagram

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

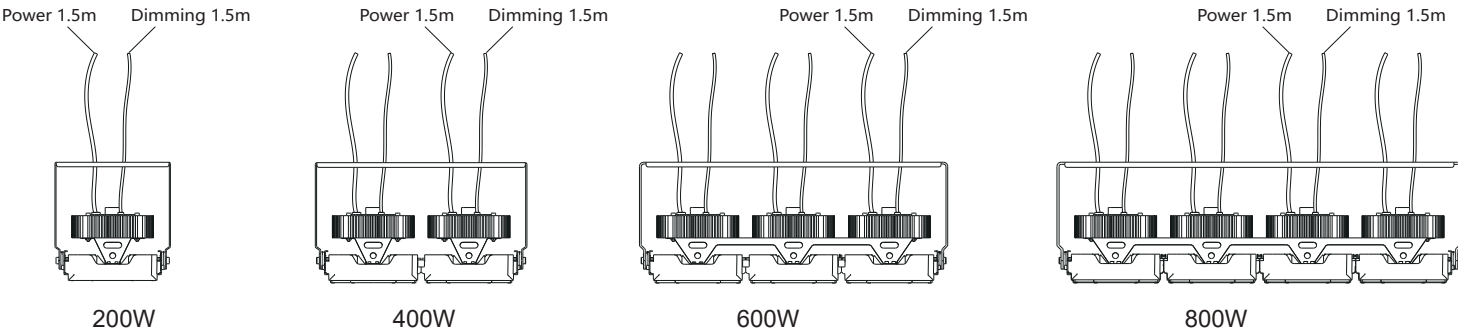
Connecting panels to AC source supply:  
All units must be individually connected to the AC supply.

YELLOW ( Vaux 12v )  
PURPLE ( DIM + )  
GRAY ( DIM - )  
BLACK ( LINE )  
GREEN ( GROUND )  
WHITE ( NEUTRAL )

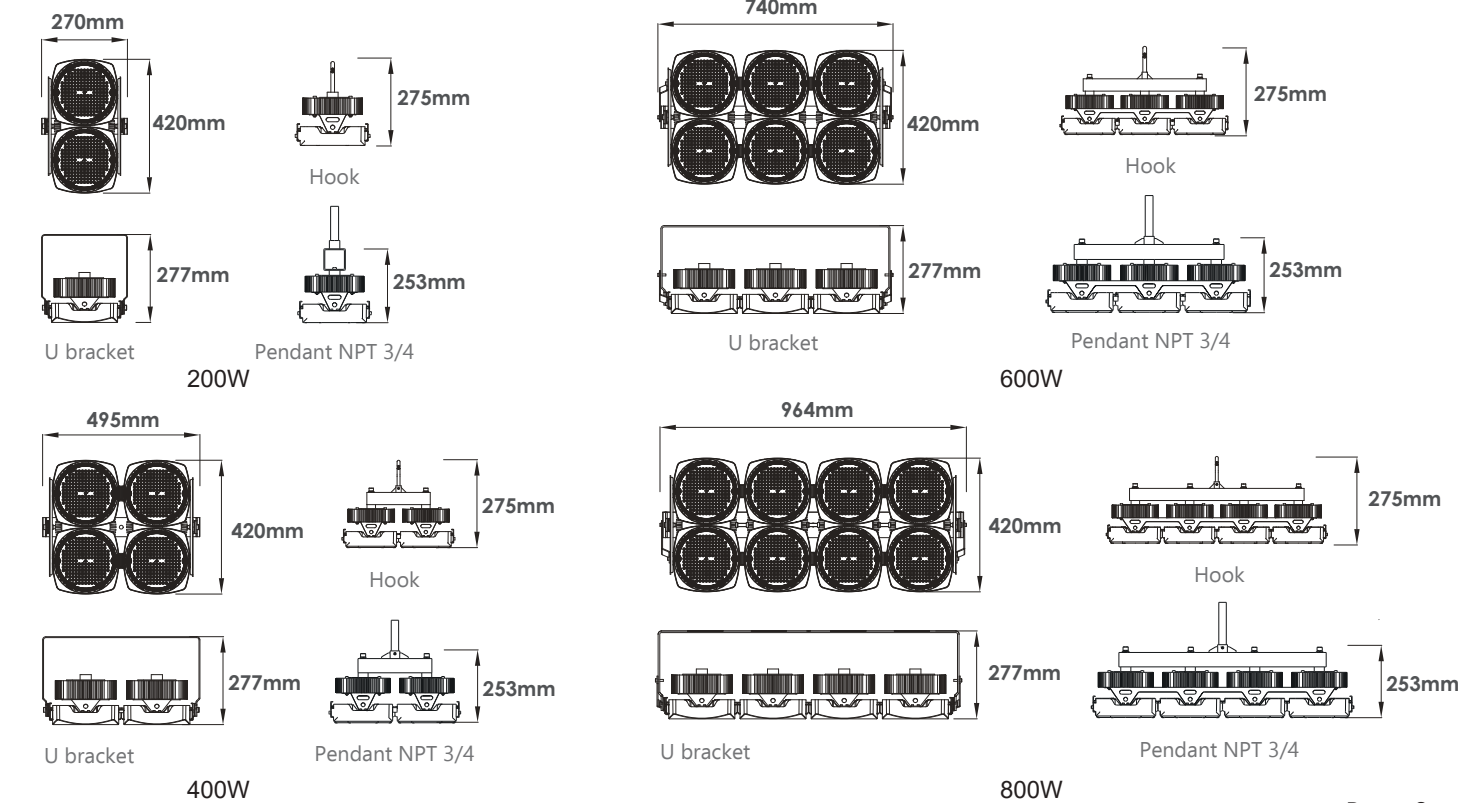


Installation & Operation

Electrical Connection



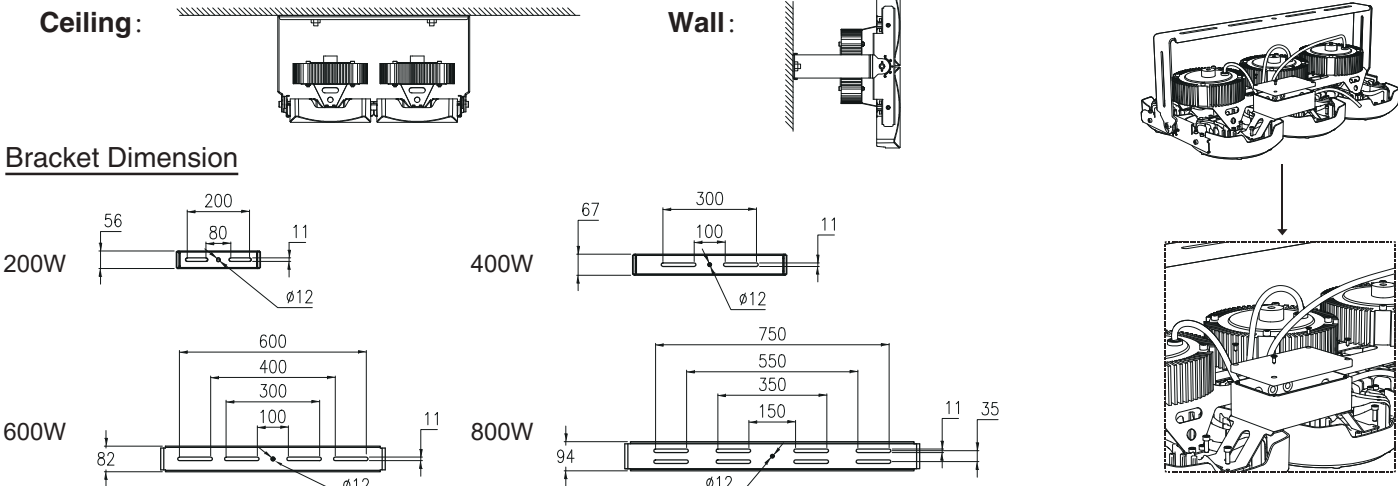
Product Dimension



High Temperature LED High Bay

Installation

1. Ceiling / Wall ( U-Bracket )



**Step 1.** Make sure mounting location is suitable for the weight of fixture; Secure the bracket with (M10) bolts (not provided) or appropriate hardware directly to a structural member; Adjust the angle of the bracket and fix the position.

**Step 2.** Loosen the ten (M6) hexagon socket head cap screws of the hood with torque value (7 N-m).

**Note:** The electrical cables used must comply with the NEC, CEC and local codes and regulations:

**FOR POWER CABLE:**

- Temperature rating : Min 90°C

- Clamping Range Ø min - max : 6-12mm

2. Pendant



**Step 1.** Make sure mounting location is suitable for the weight of fixture; Secure the Support Bar on the top of the fixture with appropriate hardware (provided). Thread the fixture onto the NPT 3/4 inch conduit. Tighten the M5 set-screw.

**Step 2.** Connect supply cables to luminaire wire leads into junction box on top of fixture, Follow wiring diagrams.

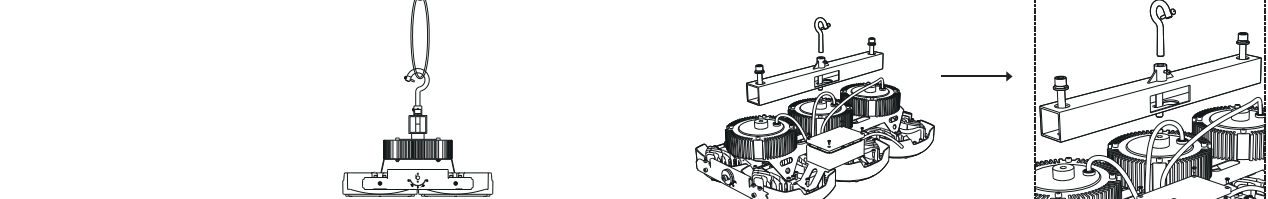
**Note:** The electrical cables used must comply with the NEC, CEC and local codes and regulations:

**FOR POWER CABLE:**

- Temperature rating : Min 90°C

- Clamping Range Ø min - max : 6-12mm

3. Hook or Eyebolt



**Step 1.** Make sure mounting location is suitable for the weight of fixture; Secure the Support Bar and M12 Hook or M12 Eyebolt on the top of the fixture with appropriate hardware (provided). Tighten the M5 set-screw.

**Step 2.** Connect supply cables to luminaire wire leads into junction box on top of fixture, Follow wiring diagrams.

**Note:** The electrical cables used must comply with the NEC, CEC and local codes and regulations:

**FOR POWER CABLE:**

- Temperature rating : Min 90°C

- Clamping Range Ø min - max : 6-12mm

## High Temperature LED High Bay

### Servicing

- To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.
- Perform visual, electrical, and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However, it is recommended that checks should be made at least once a year. Frequency of use and environment should determine this.
- The external lens should be cleaned periodically to ensure continued luminaire performance. Clean the lens with a clean, damp, non-abrasive, lint-free cloth. If this is not sufficient, use a mild soap or a liquid cleaner. Do not use an abrasive, strong alkaline or acid cleaner as damage may occur. Organic solvent is absolutely forbidden to soak the lens.
- Inspect the cooling fins on the luminaire to ensure that they are free of any contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.
- Mechanically check to make sure all parts are properly assembled.
- Electrically check to make sure that all connections are clean and tight.

### Warranty

We warrant that each of our LED lighting luminaire (the “Product(s)”) that are purchased while this Warranty is in effect will be free from defects in materials and workmanship for the period of time specified in the table below (the “Warranty Period”). The Warranty Period runs from the date of original purchase from its authorized distributor/dealer.

We will repair, or at our option, replace the defective product (exterior finish, housing and heat sinks, lens, LED engine, power supply) during the standard warranty period. This warranty applies only to the repair or replacement of the product and only when the product is properly handled, installed and maintained according to our instructions.

This warranty excludes defects resulting from improper installation, acts of God, fire, vandalism or civil disturbances, power surges or improper power supply, and corrosive environment installations.

This warranty does not cover equipment, systems or components from other manufacturers that the Purchaser uses in conjunction with the Product. Any repair, alteration or modification of the Product, including replacement of Product components with components of other manufacturers will void the warranty in its entirety.

LED Product	Which Model Nos. are Covered by this Warranty	Warranty Period
High Temperature LED High Bay	NJZ-FLH Series	20,000hrs or @70°C ( 2.5 Years ) 30,000hrs@65°C ( 3.5 Years ) 43,800hrs@60°C Ta. ( 5 Year )

Models: NJZ - FLH - 200 - V01 - 70°C - RZ - 15 - TG - BL  
3 4 5 6 7 8 9

3 - Designates luminaire system input wattage rating 200 - 200 W 400 - 400 W 600 - 600 W 800 - 800 W	5 - Ambient temperature 65°C - Polycarbonate lens reduces max ambient temperature to 65°C 70°C - Glass lens reduces max ambient temperature to 70°C
4 - Designates luminaire system input voltage raging V01 - 120~277V V04 - 347~480V	6 - CCT RN - 3000K RL - 4000K RZ - 5000K RM - 5700K
7 - Beam Angle 15=15° 30=30° 60=60° 90=90°	8 - LENS TYPE TG = Clear glass FG = Frosted glass PC = PC (only Ambient temperature is 65)
T3=Type III 32=30°120° 120=120°	9 - Color Finish BL = “black”

## High Temperature LED High Bay

### 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, please 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, please follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- DO NOT INSTALL DAMAGED PRODUCT!
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.
- Make sure that the supply voltage is the same as the luminaire voltage.
- Do not install where the marked operating temperatures exceed the ignition temperatures of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- All gasket seals must be clean and undamaged.

#### 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.
- Luminaire must be supplied by a wiring system with an equipment grounding conductor.

#### 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.

#### Operating characteristic:

- Rated Voltage: 120~277 Vac or 347~480Vac, 50/60Hz

#### Ambient Temperature Range:

- Polycarbonate lens reduces ambient temperature: -40°C (-40°F) ~ +65°C (149°F)  
Glass lens reduces ambient temperature: -40°C (-40°F) ~ +70°C (158°F)



Picture is for illustration purposes only.  
Your model may vary