

Round LED high bay for high ceilings, with **selectable wattage and colour temperature** on the fixture, 0/1-10 V dimmable. Three installation methods: **hook, ceiling or 1/2 in. NPT stem**. Choose the method that suits the purchased product and your needs. Read the whole guide before you start.

⚠ CAUTIONS

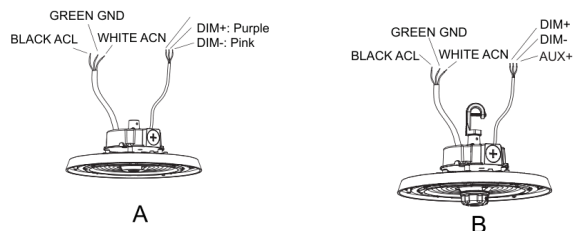
- Do not use an electric generator to test the LED fixture.
- Follow the applicable national, regional and local laws and regulations when installing this fixture.
- **Turn off the power** before installation or maintenance.
- Proper **earth grounding** is required to ensure safety.
- To avoid the risk of electric shock or fire, the installer must have **professional electrical knowledge**.
- Wear gloves during installation to avoid injury.
- If any smoke or spark occurs at the wires, turn off the power immediately and notify the relevant personnel.
- Use a **listed waterproof strain relief bushing** when connecting the supply cord to the outlet box.
- Check whether the product was damaged during shipping; if so, contact LEDCO promptly.
- Read the guide carefully and check that all accessories are included before installing the fixture according to the steps.

WIRING AND DIMMING

This high bay can be fitted with an optional **DC motion sensor** (LCHB-SENSOR-T) and offers **0/1-10 V dimming**, with 3 dimming solutions: 1. 0/1-10 V dimming; 2. intelligent dimming with the DC motion sensor; 3. pre-installed, tool-free DC motion sensor dimming module — the dimming function can be chosen freely.

Connect the external dimmer to the leads marked **dimming+ (purple)** and **dimming- (pink)** (10 V DC). The wires with shrinkable tubing must not be damaged (**no connection**). **Class 1 wiring only**. The cumulative leakage current on the control circuit must be less than **3.5 mA**.

FIXTURE LEADS



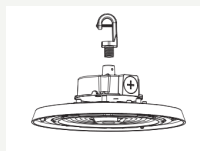
GREEN GND: ground · BLACK ACL: line · WHITE ACN: neutral · DIM+ / DIM-: dimming leads · AUX+: auxiliary.

RECOMMENDED DIMMERS (0/1-10 V)

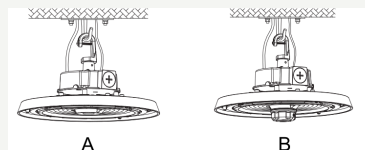
Brand	Model
Lutron	NTSTV-DV
Leviton	DS710-10Z / IP710
Legrand	RH4FBL3PW

HOOK MOUNT

- 1 Screw the hook into the fixture, tighten and secure it.

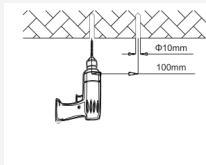


- 2 Hang the fixture on the ceiling hook or chain. Then connect the fixture wires to the mains according to local wiring rules: make sure the connection is secure and well protected.



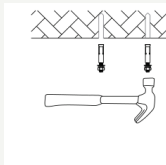
CEILING MOUNT

- 1 Mark the mounting surface with a marker or sharp tool, then drill.

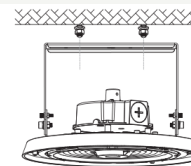


Hole: Φ 10 mm, 100 mm.

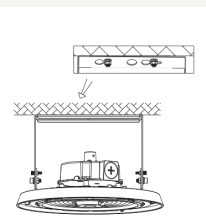
- 2 Drive the screws into the holes with a hammer.



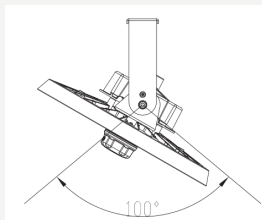
- 3 Align the bracket hole with the screw.



- 4 Push the fixture to one side and secure it.

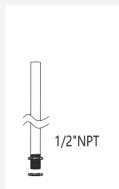


- 5 Connect the fixture wires to the mains according to local wiring rules (secure, well protected connection). The bracket screws let you tilt the fixture **50° to the left or right**.

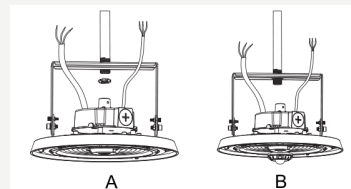


1/2 IN. NPT STEM MOUNT

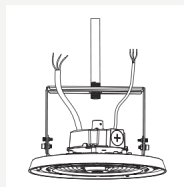
- 1 Unscrew the nuts on the 1/2 in. NPT stem.



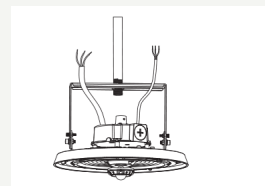
- 2 Insert the 1/2 in. NPT stem into the bracket hole.



- 3 Screw the nuts back on.

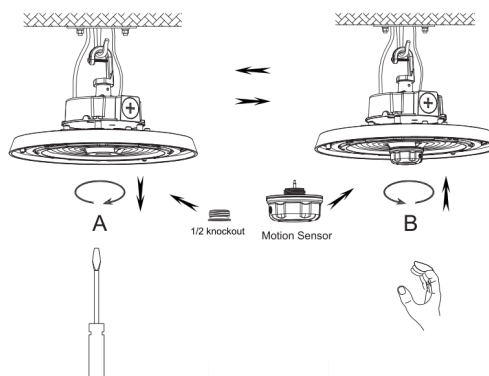


- 4 Connect the fixture wires to the mains according to local wiring rules (secure, well protected connection). The bracket screws let you tilt the fixture **50° to the left or right**.



INSTALLING THE DC MOTION SENSOR (OPTIONAL)

If the fixture has a sensor receptacle, unscrew the **1/2 in. knockout** with a screwdriver in the direction shown, then screw on the **LCHB-SENSOR-T** sensor. The sensor is set to **universal mode** (see the sensor sheet); settings are programmable with the **LCHB-REMOTE-T** remote control (not included in the standard package).

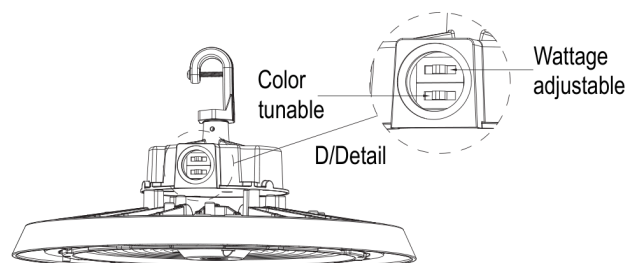


A: remove the 1/2 in. knockout with a screwdriver · B: screw the motion sensor on by hand.

COLOUR AND WATTAGE SELECTORS

The fixture has a built-in **colour temperature** selector (4000K or 5000K) and a **wattage** selector (3 wattages); the settings can be customized.

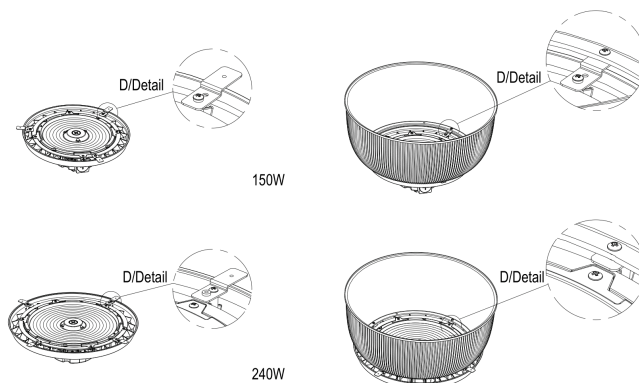
Remove the plug, set the switches as shown to the desired colour temperature and wattage, then **screw the plug back on**. The original settings can be the factory default or customized.



Color tunable: colour temperature selector · Wattage adjustable: wattage selector · D/Detail: detail.

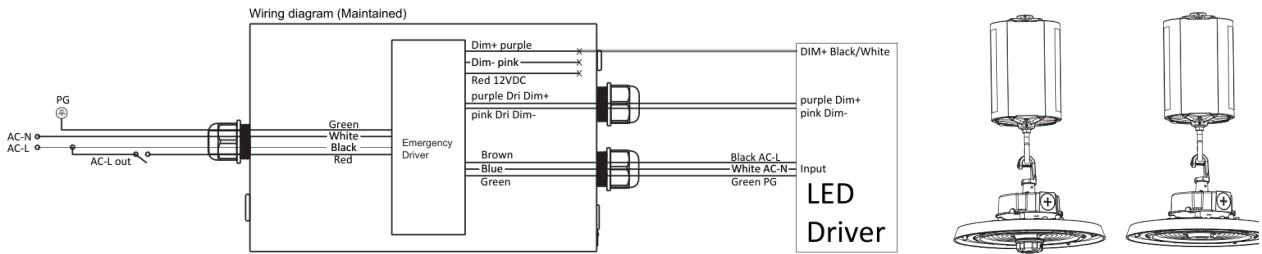
POLYCARBONATE REFLECTOR (OPTIONAL)

1. Obtain a reflector of the correct size for the fixture.
2. Fix the adapter pieces on the fixture with their screws.
3. Fix the reflector and tighten the screws: installation is finished.



Top: 150 W fixture · bottom: 240 W fixture · D/Detail: detail of the adapter piece.

EMERGENCY LED DRIVER



Once the emergency driver is fixed on the fixture, connect the wires according to the wiring diagram: installation is finished. Wiring diagram (Maintained) · Emergency Driver · LED Driver · AC-L out: switched line output · PG: ground · Dim+ purple / Dim- pink: dimming leads · Red 12VDC: red 12 V DC lead.