

C-LITE
C-HB-C-RD Series
Round UFO LED
High Bay Light



C-LITE C-HB-C-RD Series Round UFO LED High Bay Light Installation Guide

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C-LITE[®]

C-HB-C-RD Series Round UFO LED High Bay Light



Specifications

Voltage input: 120-277V 50/60 Hz

Installation Instructions

Hook and Cord Mounting – Non-Emergency Units

1. Thread the supplied hex nut onto the threaded shaft of the hook.
2. Thread the hook into the tapped hole on top of the fixture housing.
3. Tighten the hex nut against the top of the housing.
4. Tighten the security screw on the hub of the housing against the hook to lock it in place.
5. Attach the supplied safety cable to the fixture and the mounting surface using the safety hook.
6. Loosen the retaining screw on the hook to allow it to engage the eye bolt.

CCT and Wattage Adjustments CCT

1. Remove the rubber protective cover from the center fitting on the fixture.
2. Select the desired CCT setting using the 3-position dip switch.

WATTAGE

1. Remove the rubber protective cap from the center fitting on the fixture.
2. Select the wattage using the 4-position dip switch.

FAQ

Q: What should I do if I encounter harmful interference with the device?

A: If you experience harmful interference, ensure that changes or modifications to the device are approved and follow FCC guidelines to prevent undesired operation.

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. **WARNING!** Fixtures must be grounded and installed in accordance with the National Electrical Code and all local codes by a qualified electrician.. Failure to do so may increase the RISK OF PERSONAL INJURY, PROPERTY DAMAGE, FIRE AND DEATH. Install and use so fixture failures do not cause a hazard and use only in environments for which the product is specifically marked.
2. Do not switch on before complete installation.
3. Luminaires do not have any additional protection measures to prevent luminaire from high altitude falling and windproof structure, cannot be used as flood or tunnel luminaire.
4. **CAUTION!** Follow ALL luminaire recommendations, product markings, instructions, restrictions and warnings regarding luminaire operation and burning position. Luminaire label shows electrical and environmental requirements and restrictions.
5. Turn off electric power to all affected circuits and allow to cool before servicing.
6. A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optical system. Any accumulation of dust or dirt should be removed regularly.
CAUTION: RISK OF INJURY. Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
7. Avoid direct eye exposure to the light source while it is on.
8. **CAUTION: RISK OF FIRE.** Keep combustible and other materials that can burn away from luminaire and lamp/lens.
9. MIN 90°C SUPPLY CONDUCTORS.
10. FILS D'ALIMENTATION 90 °C MIN.
11. Voltage input: 120-277V 50/60 Hz only
12. Illustrations on the manual are for installation purposes only. It may not be identical to the fixture purchased.
13. **WARNINGS:** Dangerous voltage exist within the unit and all precautions usually observed in handling high voltage equipment should be observed when replacing light engine or otherwise servicing luminaires. Disregarding this warning could result in electrical shock and possible injury to the individual installing or servicing this equipment. Installation and servicing should be done by qualified personnel.
14. The height between luminous surface and ground suggested be more than 5m (16.5ft); and the height between bottom of luminaire and mounting surface must be more than 0.3m (11.8in).
15. Ensure fixture is within 6 feet from the junction box for wiring.

HOOK AND CORD MOUNTING- NON-EMERGENCY UNITS

1. Thread the supplied hex nut onto the threaded shaft of the hook. See Figure 1.
2. Thread the hook into the tapped hole on top of the fixture housing.
3. Tighten the hex nut against the top of the housing.
4. Tighten security screw on the hub of housing against the hook to lock hook in place.
5. Attach supplied safety cable to fixture and to mounting surface using safety hook. See Figure 2.
6. Loosen retaining screw on hook to allow hook to engage eye bolt (supplied by others) attached to mounting surface. After engaging hook onto eye bolt, retighten retaining screw to prevent hook from coming off eye bolt. See Figure 1.
NOTE: Make sure eye bolt and supporting structure have appropriate weight ratings to support weight of fixture (50 lbs).

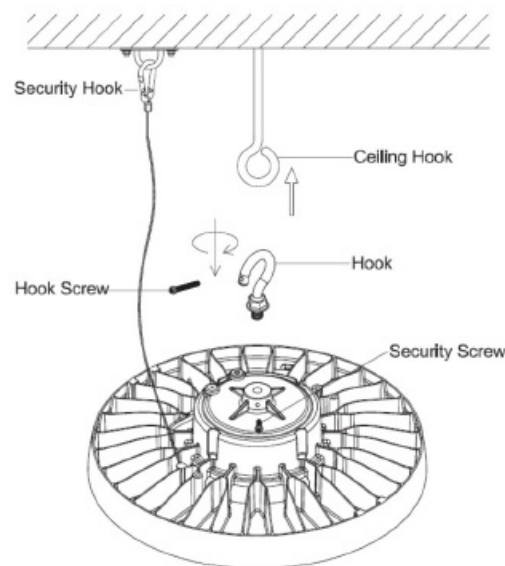
7. Splice fixture cord leads to supply leads in junction box per Electrical Connections section. For dimming applications second cord with pink and violet leads will also be used. Supply power to fixture.

NOTE: 120-277V Only

FIGURE 1



FIGURE 2



CCT AND WATTAGE ADJUSTMENTS

CCT

1. Remove the rubber protective cover from the center fitting on the fixture. See Figure 3.
2. Select the desired CCT setting using the 3-position dip switch. See Figure 4.

WATTAGE

1. Remove the rubber protective cap from the center fitting on the fixture. See Figure 3.
2. Select the wattage using the 4-position dip switch. See Figure 5.

NOTE: 240W fixtures:

- Position I for 240W
- Position II for 200W

- Position III for 180W
- Position IV for 150W

NOTE: 150W fixtures:

- Position I for 150W
- Position II for 100W
- Position III for 80W
- Position IV for 50W

FIGURE 3

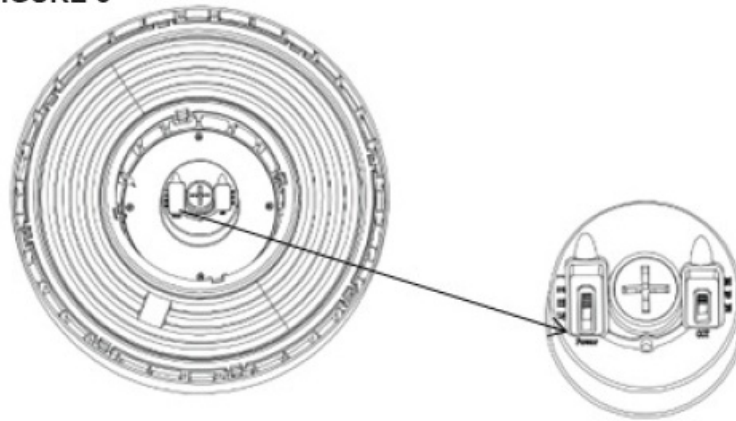


FIGURE 4

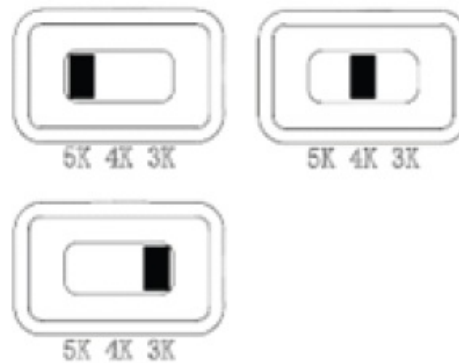
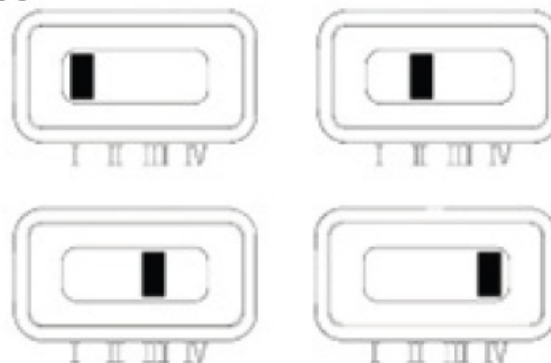


FIGURE 5



FCC NOTICE

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment. 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.

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.
CAN ICES-005 (A)/NMB-005 (A)

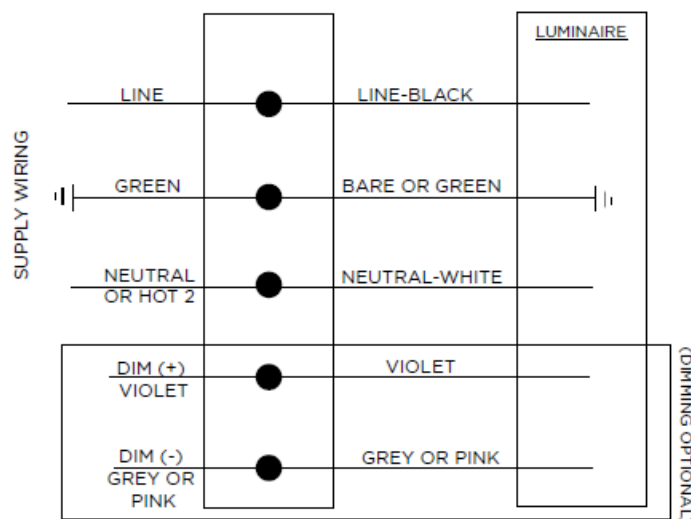
ELECTRICAL CONNECTIONS- NON-EMERGENCY UNITS

Fixture is equipped with universal volt driver 120-277V

NOTE: Make sure voltage range of fixture is compatible with supply voltage.

Make the following Electrical Connections:

1. Connect the black fixture lead to the voltage supply lead.
2. Connect the white fixture lead to the neutral supply lead (Hot 2 for 208/240/480V wiring).
3. Connect the bare or green ground fixture lead to the supply ground lead.



DIMMING

NOTE: If the motion sensor accessory is being used, dimming will be controlled by the motion sensor. Make sure violet and grey or pink dimming leads are capped off.

NOTE: If dimming is not being used, cap off the grey or pink and violet leads from cord exiting top of fixture.

1. Pink (-) and violet (+) leads are for 0-10V dimming systems. Cap off if not used.
2. For dimming connections, use Class 1 wiring methods.

<http://lighting.cree.com/warranty>

Documents / Resources



[C-LITE C-HB-C-RD Series Round UFO LED High Bay Light](#) [pdf] Installation Guide

C-HB-C-RD Series Round UFO LED High Bay Light, C-HB-C-RD Series, Round UFO LED High Bay Light, LED High Bay Light, High Bay Light, Bay Light

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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