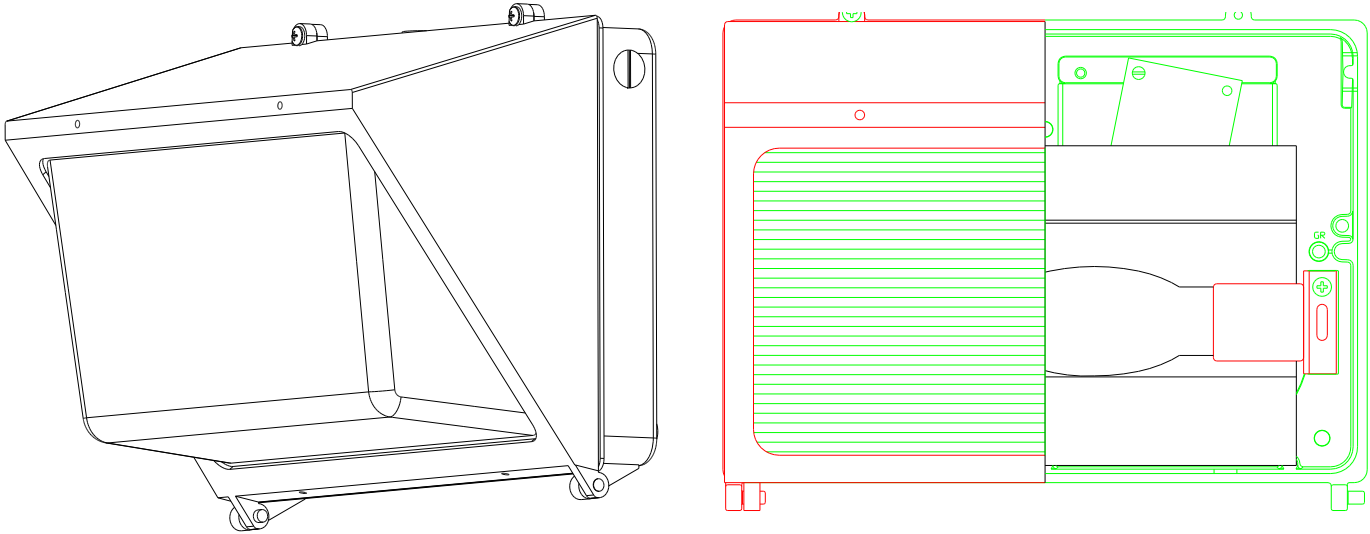


INSTALLATION INSTRUCTIONS – 300 Series Wallcube

These instructions may not provide directions to cover every variation and detail. To obtain additional information, consult the applicable electrical codes or contact the factory directly for assistance before attempting anything with uncertainty.

WARNING: To avoid electrical shock, **TURN POWER SUPPLY OFF** before installing or servicing this unit.



DESCRIPTION

This luminaire is designed for **OUTDOOR** lighting and should not be used in areas with limited ventilation or within enclosures with high ambient temperatures. **NOT INTENDED FOR USE IN CAR WASHES OR OTHER AREAS THAT MAY ENTRAP HEAT.**

GENERAL SAFETY INFORMATION:

WARNING: DO NOT HANDLE AN ENERGIZED FIXTURE OR ENERGIZE ANY FIXTURE WITH WET HANDS OR WHEN STANDING ON A WET OR DAMP SURFACE OR IN WATER.

External metal parts of fixture develop high operating temperatures. To avoid pain or injury, do not touch external parts of fixture when it is in operation. Turn off power and allow fixture to cool before touching for any reason.

1. This fixture must be properly fused and wired in accordance with all electrical and safety codes and ordinances.
2. This fixture must be adequately **grounded** to the housing with a separate ground wire from supply feed for your protection against shock hazards and to assure proper operation.
3. A qualified electrician should perform all wiring.
4. Make certain that the power source conforms to the requirements of this fixture.
5. Disconnect power before installing or servicing. If power disconnect switch is out-of-sight, lock it in the open position and tag it to prevent unexpected application of power.
6. This fixture is intended to be used for general lighting in a normal open-air ambient. Do not install in closed-ceiling, dead air, sheltered, buried or boxed-in locations. Not intended to be used in potentially dangerous locations such as flammable or explosive atmospheres.
7. Failure to follow above safety instructions could result in fatal shock or fire hazards.

INSTALLATION INSTRUCTIONS – 300 Series Wallcube

TROUBLE SHOOTING

SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Lamp does not light.	1. No power to unit. 2. Loose lamp connection. 3. Burned out lamp or ballast. 4. Loose wiring.	1. Check circuit protection device (circuit breaker, fuse or switch.) 2. Remove lamp, clean contacts and tighten in socket. 3. Replace. 4. Recheck wiring connections. NOTE: Items 2, 3, and 4 to be done with POWER OFF.

INSTALLATION and MOUNTING:

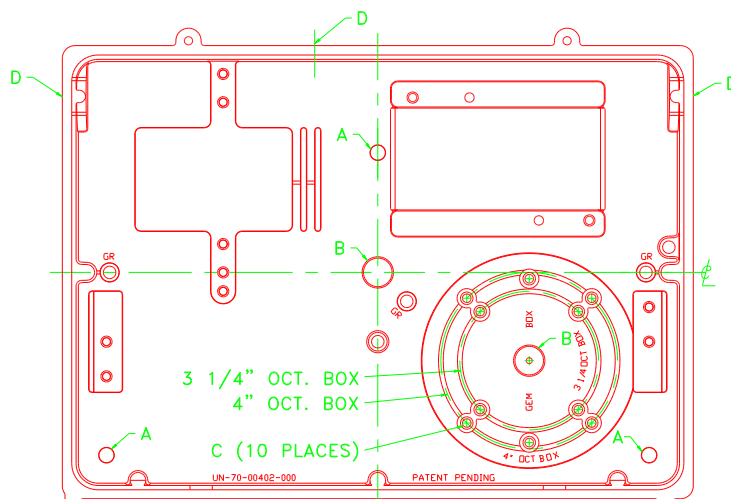
WARNING: MAKE SURE THAT ALL POWER IS TURNED OFF WHILE INSTALLING UNIT. DO NOT TURN POWER ON UNTIL FIXTURE IS COMPLETELY INSTALLED. TURN POWER OFF AT CIRCUIT BREAKER BOX.

Wallcube™ Luminaires are designed to be mounted on any surface. The inside surface of the Wallcube™ backplate has a cast in drill and knockout template to match virtually any standard recessed junction box, as well as knockouts for three 5/16" mounting holes "A". Three 1/2" NPS tapped holes "D" are also available for surface conduit, photocontrol, etc. (see drawing)

- A. – are 5/16" diameter knockouts.
- B. – are 9/16" diameter knockouts.
- C. – are knockouts for #10 screw clearance.
- D. – are 1/2" NPS tapped holes.

To access the backplate refer to the following instructions:

1. Remove the reflector.
2. Prepare the backplate for mounting by drilling or knocking out the appropriate holes.
3. Line up the backplate in desired location and mounting securely.
4. Complete the wiring to the power source and ground (see wiring instructions).
5. Reassemble the reflector. Install lamp and mount the refractor lens assembly.



NOTE: To weatherproof your outdoor installation, be sure to seal all holes in fixture housing (mounting, conduit, plugs, photocontrols, etc.) with Duxseal or equivalent sealer.

WIRING Units built for a specific voltage are completely factory wired. Double check your power source to make sure the supply voltage is compatible with the unit.

Tri-Tap (-T) units maybe used with a choice of 120V, 277V or 347V provided that proper transformer leads are connected in the field. For example, if your supply voltage is 120V, connect the "HOT" supply wire to the 120V ballast tap and the "COMMON" supply wire to the transformer "COMMON" wire. Make sure all of the unused leads are properly capped.

IMPORTANT NOTE: Factory wiring of individual units may vary, depending on the specific ballast used. When replacing a ballast, follow the ballast manufacturer's diagram attached.

LIMITED THREE YEAR WARRANTY

Fixtures are guaranteed against mechanical and electrical defects for a period of three years from date of delivery. Replacement or repair of authorized returns found to be mechanically or electrically defective within the guarantee period constitutes fulfillment of all obligations under this warranty. We assume no responsibility for the improper installation of our products, or for labour costs involved in repair or replacement. Ballasts and lamps are covered by manufacturers trade warranties.



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Page 2 of 2

Philips Lighting North America
Corporation
200 Franklin Square Drive,
Somerset, NJ 08873, USA

Philips Lighting Canada Ltd.
281 Hillmount Road,
Markham ON, Canada L6C 2S3