

Installation and Maintenance

Installation for: **WL-COR Series**

Important Safeguards

When Using Electrical Equipment, Basic Safety Precautions Must Always Be Followed, including the following:

Do Not Use This Product For Other Than Intended Use.

Caution: Service Must Be Performed By Qualified Service Personnel.

Do Not Install This Product Near Gas or Electric Heaters.

Use of Accessory Equipment Not Recommended by the Manufacturer May Cause an Unsafe Condition.

Read and Follow All Safety Instructions

- Installation must be performed by qualified Service personnel.
- With fixture body resting face up on a stable surface, open doorframe and remove internal reflector.
- Locate mounting holes and supply knockout locations in the rear and side housing surfaces. (4 each provided.).
- Select knockouts for supply connection. Remove silicone seal from knockout area.
- Create the Supply entrance hole in the housing by removing the revealed knockout using a screwdriver
- Locate mounting surface capable of reliably supporting more than the weight of the fixture according to applicable building codes.
- Secure fixture to mounting surface using minimum (4) 1/4-20 bolts with washers. This and all other hardware should be stainless steel if installed in a wet or damp location.
- Rough in supply connections according to the NEC and local requirements using minimum 90C supply wiring materials.
- Remove any protective films from the outer surfaces as provided. (Do not use water.)
- Replace reflector and secure reflector.
- Install only the rated lamps. (See marking inside fixture for appropriate lamp type.)
- Secure doorframe using Phillips screwdriver.
- Energize fixture with rated voltage from a protected branch circuit. Please note: Fixture may be internally fused with Bussmann/Cooper type GLR fuse element.

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Stainless Steel Maintenance

This fixture is designed to give long lasting service without periodic attention. Stainless steel under most exposures will not rust. However for appearance sake, some exterior surface cleaning may be required and should be performed according to the following instructions: *(Exposures that will damage or rust stainless steel usually contain acids. Acids effect all metals of any type. Fortunately most applications do not use acids in process. Either way the cleaning method is the same.)*

1. Turn off the power and lock out the circuits that supply the fixtures to be cleaned.
2. Provide eye protection for all those involved in or near this procedure.
3. Gloves are to be worn during the cleaning process.
4. Protect the surfaces below the fixtures.
5. Use all lift equipment only according to their instructions.
6. Clean using the proper method below:
 - a. **For Satin Polished Stainless Steel:** Removal of surface mineral deposits and dirt from the stainless steel surfaces should be performed using a wiping motion in the direction of the polished satin grain. To aid in the removal of mineral deposits use common household cleanser, chrome polish **or** Naval Jelly on a clean cloth or pad.
 - b. **For Mill Finish Stainless Steel (not polished or brushed):** If appearance is not important scrubbing with a 3M nylon abrasive pad* by hand will loosen even stubborn rust stains. The abrasive pads are available in several grits. Use the finest grit that effectively removes deposits.
 - c. **For Painted Stainless Steel:** Ordinary household cleaners are able to remove almost all stains from our powder coated stainless surfaces. Do not use abrasive cleaners or naval jelly or damage to the finish might occur.
7. The last step in any cleaning process is to rinse with clear water.

The cleaning pad are commercially available from local hardware stores or McMaster-Carr using the part numbers below.

Clean/Scour (Very Fine)	96	Green	For removing light stains, corrosion, and oxidation.	20	46365A31
All Purpose (Very Fine)	7447	Maroon	More abrasive than Clean/Scour. For light deburring and general cleaning.	20	46365A33

(Optional
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In order to minimize or eliminate appearance problems: When the exterior metal surface is clean, coat the surface with a commercially available stainless steel treatment. *This step may aid in future cleaning and prolong the time between cleaning.*