

McGraw-Edison

The Architecture of Form & Light

INSTALLATION INSTRUCTIONS

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Parking Luminaire	
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IMPORTANT: READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN FOR FUTURE REFERENCE



GENERAL: Upon receipt of luminaire thoroughly inspect for any freight damage, which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the luminaire label on the housing to assure you have received the correct merchandise.

SAFETY: This luminaire must be wired in accordance with the national electrical code and applicable codes and ordinances. Proper grounding is required to insure personal safety. Carefully observe grounding procedure. All work should be done by a qualified electrician.

WARNING: Make certain power is OFF before starting installation or attempting any maintenance.

WARNING: Risk of Electric Shock. Disconnect power at fuse or circuit breaker before installing or servicing.

WARNING: Risk of Burn. Disconnect power and allow luminaire to cool before changing lamp or handling luminaire.

WARNING: This luminaire is for use with downlight applications only.

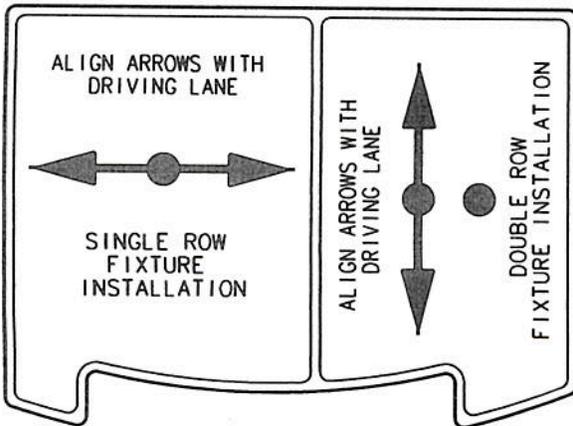
WARNING: RISK OF FIRE! DO NOT mount on or near combustible materials.

FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH

NOTE: Use minimum 90°C supply wire rating for connections in J-box.

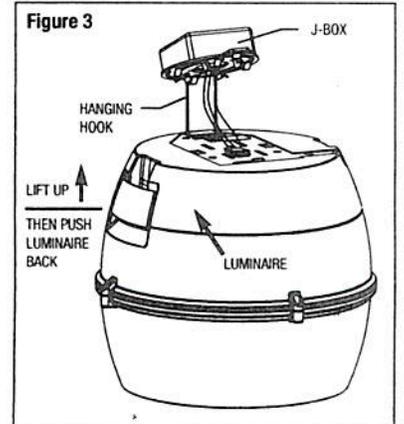
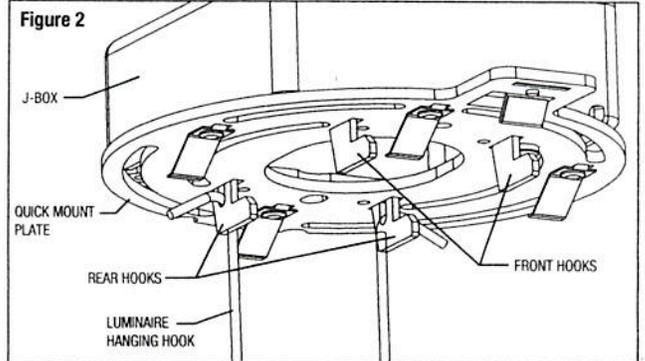
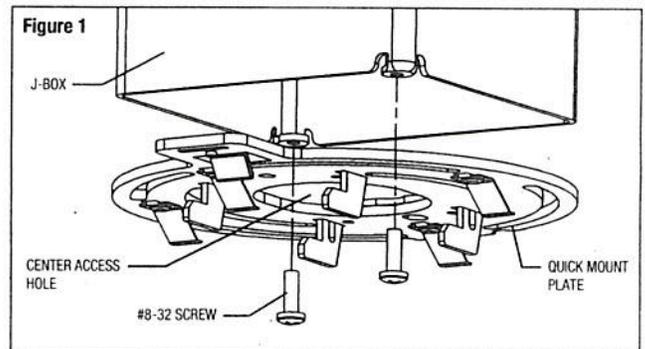
Fixture Orientation Guideline:

Proper orientation of luminaire may vary based upon design requirements specified per given application. Labels are supplied on top of fixture and mounting plate for reference to proper fixture alignment. Align quick mount plate in correct direction by referencing number of fixtures required (double or single row luminaire installation) to direction of arrows. Direction of arrow(s) should be in line with direction of traffic.



LUMINAIRE INSTALLATION:

1. Install quick mount plate on a 4" junction box as shown in (Figure 1). Note the required position of plate to ensure correct light beam orientation from fixture. See guidelines above or labels on top of fixture housing and mounting plate if applicable.
2. Secure hanging hook into the rear hooks of quick mount plate (Figure 2 & 3).
3. Make wiring connection while luminaire is being suspended from hanging hook.
4. Push excess wires and connectors up into the junction box through center access hole.



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5. Lift up luminaire onto the (4) four hooks of quick mount plate while guiding the wires through center access hole (Figure 3).
6. Push luminaire forward for engagement (Figure 3). When it reaches the full-engaged position, a "CLICK" can be heard.
CAUTION: If full engagement is not reached, it is not yet rigidly installed.

REMOVAL OF LUMINAIRE:

WARNING: Make sure the power to the unit is OFF and allow it to cool.

1. **Note:** Remove tamper proof screws first if luminaire includes (TR) tamper-resistant option (Figure 4).
2. To release clasp lock on "quick mount" bracket, push handle inward and pull luminaire forward (Figure 5).
CAUTION: Do not let luminaire fall. Support luminaire while lowering off of j-box to resting, hanging position.
3. Remove hanging hook from quick mount plate (Figure 2 & 3).
CAUTION: Support luminaire while removing.
4. For re-installation of luminaire, refer to steps 1 through 6 on Luminaire Installation.

Figure 4

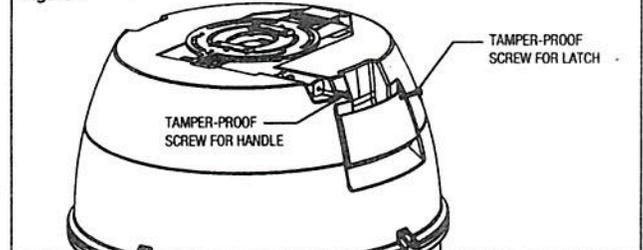
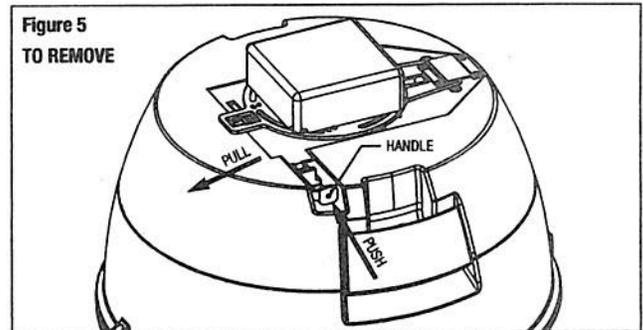


Figure 5
TO REMOVE



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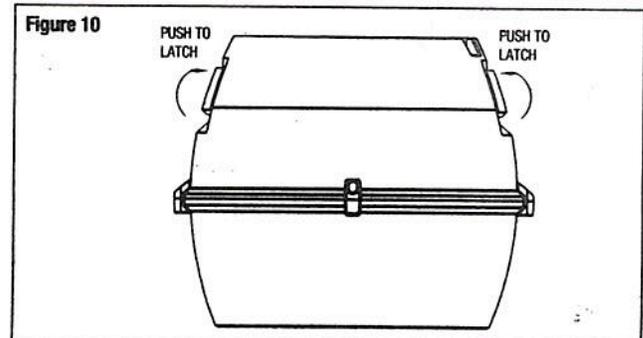
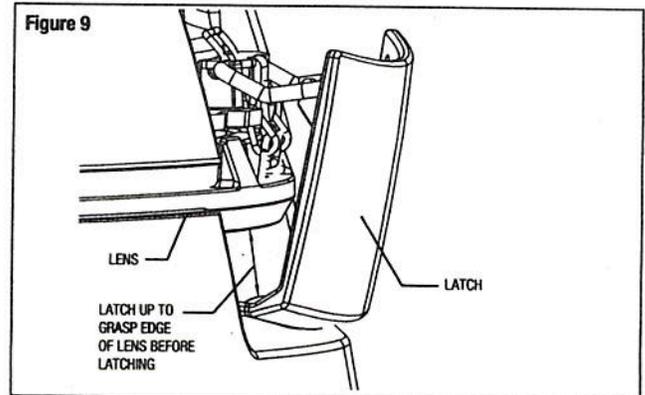
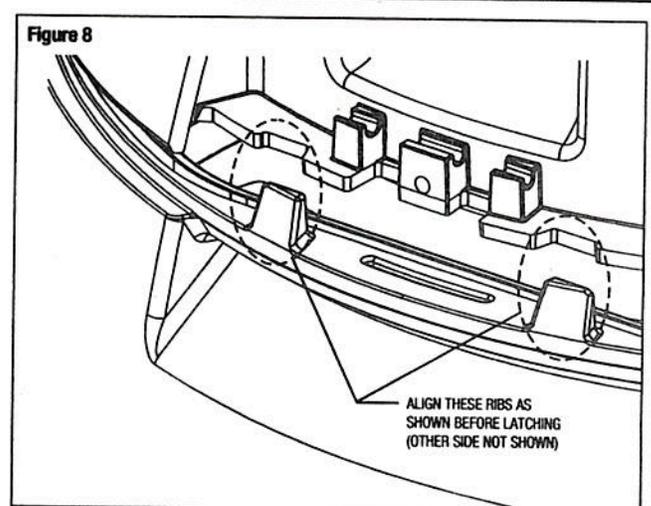
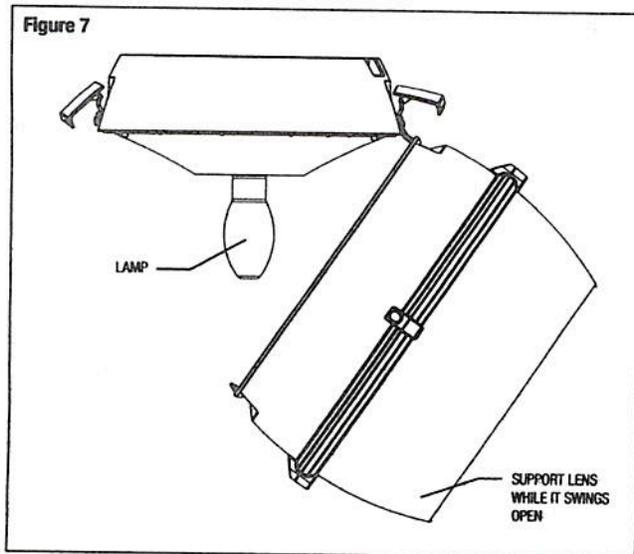
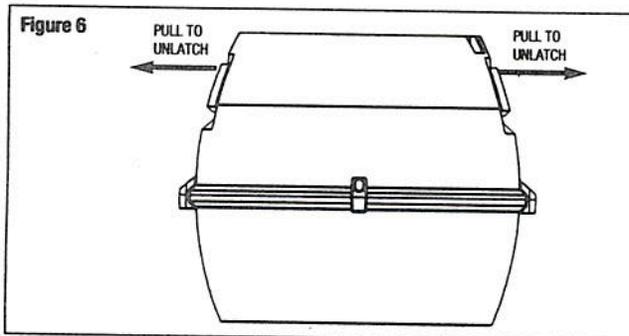
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LAMP INSTALLATION: :

1. To install the lamp, unlatch both latches (Figure 6). **Note:** Remove tamper proof screws first if luminaire includes (TR) tamper-resistant option (Figure 4).
2. Allow lens to swing open (Figure 7). Lens will remain captive.
CAUTION: Support lens while it swings open.
3. Install lamp securely into socket. **CAUTION:** Verify that lamp source and wattage correspond with the luminaire label.
4. To close the luminaire, rotate lens back up to position. Lift up the lens and align with (4) ribs of top lens on both sides (Figure 8).
CAUTION: Latching luminaire closed prior to having proper alignment will result in lens breakage.
5. Push one side of the latch up to grasp edge of lens and then push inward to complete latching (Figure 9 & 10). Repeat for the other latch.



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TRUNNION MOUNT INSTALLATION: (Figure 11)

Note: Use minimum 90°C supply wire when installed per below procedure and connections are made inside of conduit body.

Note: For 8-3/8" to 13-1/4" vertical adjustment (Up or Down only).

1. Install top trunnion on the ceiling using 1/4" masonry anchors (provided by others).
2. Apply sealing compound (by others) on one end of 1/2" nipple.
3. Screw nipple into the housing.
4. Install bottom trunnion L-brackets on the top plate (with provided #10-24 pan head screws, lock washers and nuts—Torque between 24-27 in-lb).
5. Install top plate on the housing (with provided #10-24 flat head screws—Torque between 24-27 in-lb).
6. Pull wires from back of luminaire through nipple to make for easy routing into conduit body.
7. Apply sealing compound to top of nipple. Screw conduit body onto nipple.
8. Install bottom trunnion L-brackets to the top trunnion (with provided 3/8" bolts, lock washers and nuts—Torque between 17-20 ft-lb).
9. Route conduit and power supply wires to conduit body.
10. Make connections. Push excess wires and connectors back into the conduit body.
11. Install gasket and cover.

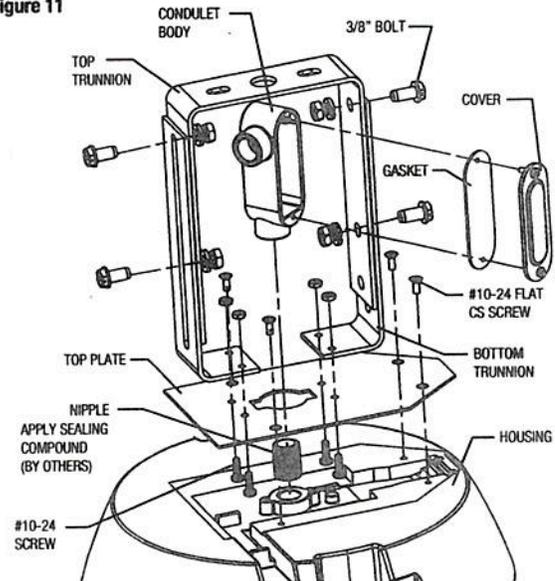
TASK LIGHT INSTALLATION: (Figure 12)

WARNING: RISK OF FIRE! DO NOT mount on or near combustible materials.

1. Apply sealing compound on the threads of handle (provided by others).
2. Screw handle into adapter.
3. Aim handle to a preferred position and lock it in position.
4. Aim task light head to a preferred position and tighten #10-24 Allen head screw (with provided Allen wrench).
5. Pull wires through access and restrain with wire tie.

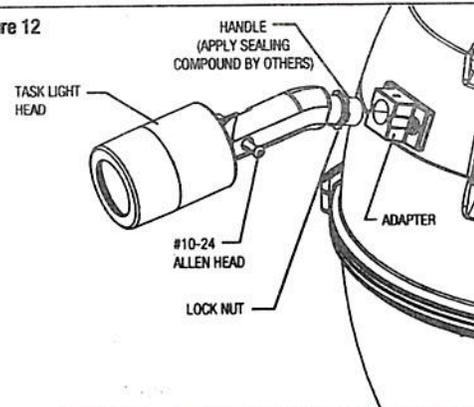
Note: Depending on which task light option is being ordered, additional wiring/routing will be necessary. Reference wiring diagrams shipped with task light.

Figure 11



FOR VERTICAL ADJUSTMENT (UP OR DOWN ONLY)
8-3/8" TO 13-1/4" FROM TOP OF LUMINAIRE

Figure 12



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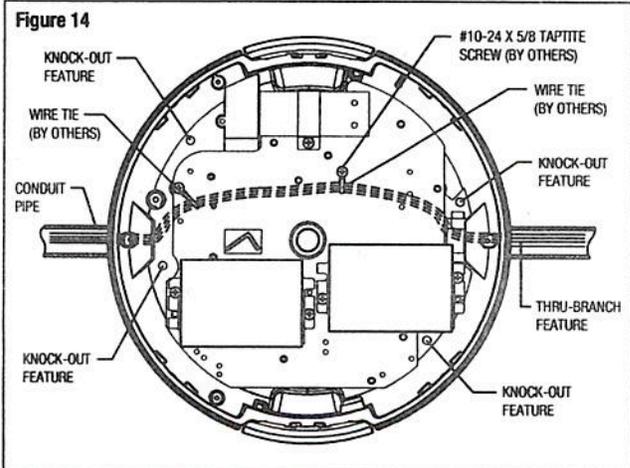
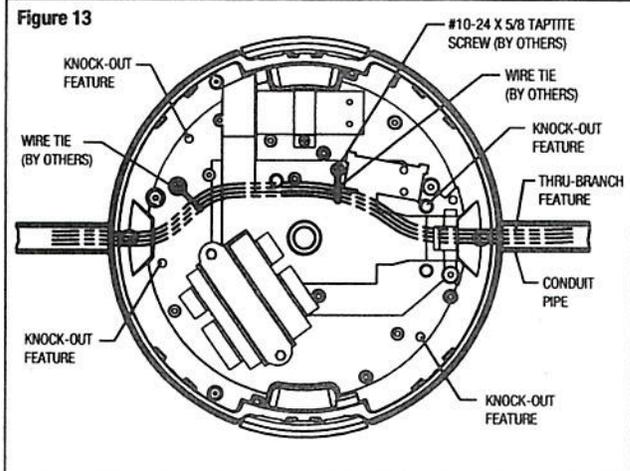
THRU-BRANCH WIRING INSTALLATION: (Figure 13 & 14)

- NOTE :**
- : Use 90°C wire rating for luminaire with thru-branch option for fixtures 100w or below at 25°C ambient temperature applications.
 - : Use 105°C wire rating for luminaire with thru-branch option for 150w to 175w at 25°C ambient temperature applications
 - : Use 125°C wire rating for luminaire with thru-branch option for 200w at 25°C ambient temperature applications.
 - : Use 150°C wire rating for luminaire with thru-branch option for all fixtures at 40°C ambient temperature applications.

WARNING: RISK OF FIRE! DO NOT mount on or near combustible materials.
Note: Requires luminaire option (CT) =Conduit Tap-(2) 3/4" NPSM taps and plugs.

1. Remove lens and housing cover from luminaire.
2. Remove conduit plugs.
3. Affix luminaire to the ceiling with anchors through cast in knock outs (anchors provided by others). Use RTV or other liquid sealant around perimeter of KO's.
4. Apply sealing compound to end of pipe if applicable. Install conduit pipe.
5. Route wires inside the housing as shown and use wire ties and screws to restrain in position.

CAUTION: Use wire ties/self-tapping screws to restrain wires from contacting ballast (provided by others).



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