



MODULAR LED UNDERCABINET
LIGHTING SYSTEM
Max 540watts



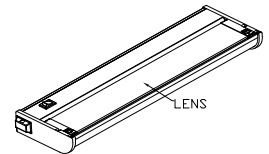
IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS

GENERAL

- To insure the success of the fixture installation, the following instructions and diagram(s) should be read and understood. All electrical connections must be made in accordance with the National Electric Code and local codes and ordinances.

Only a qualified licensed electrician should install this fixture.
- TOOLS NEEDED:** Medium common screwdriver, medium and small Phillips screwdriver, wire cutter/stripper, electrical current tester, pencil, small drill or awl.
(Screws for mounting the fixture to a wood cabinet are supplied)
- WARNING** – To reduce The risk of FIRE, ELECTRIC SHOCK, OR INJURY ‘
 - Do not operate this fixture with a damaged or missing lens.
 - Do not touch hot lens.
 - Do not remain in light if skin feels warm.
 - Do not look directly at lamp if lit.



Caution – Injury to persons and damage to the luminaire and/or mounting surface may result if the luminaire is pulled from the surface. To reduce the likelihood of such injury or damage, mount this luminaire on a surface that is mechanically sound.

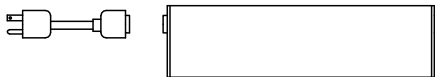
SAVE THESE INSTRUCTIONS!

INSTALLATION:

- TURN OFF THE ENTIRE ELECTRICAL CIRCUIT TO WHICH THE LIGHTING FIXTURE IS TO BE ATTACHED.**

Move the circuit breaker to the “OFF” position or completely remove the fuse controlling the circuit.

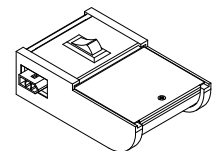
- Determine the desired location for mounting the fixture. Measure the distance between the Centers of the 2 keyholes on the back of the fixture. Mark the locations of the keyholes on the underside of the cabinet with a pencil. Drill pilot holes for the mounting screws with a small drill or awl. Start tightening the mounting screws into the cabinet, leaving the heads of the screws approx. 1/4” away from the cabinet. **Note: If you plan on joining fixtures end to end in a run, remove the safety covers with a common screwdriver on each of your fixtures. Align the ends of the fixtures and press the quick-link firmly together on all of the fixtures in your run. Measure the distance between all of the keyholes in your run. Mark these locations and Drill pilot holes. Determine the desired Power Feed for your fixture, Portable, Hardwire or Master Switch Cat. # NCS-1. Note: fixtures come pre-wired as portable, if you plan on using this fixture as a portable skip to Step 6.**



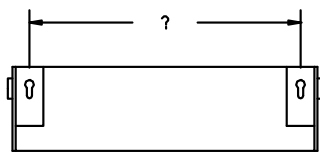
Portable: To be used with cord and plug.
Cord and Plug Cat. #'s, PL-96WH and PL-96BK
(Sold Separately)



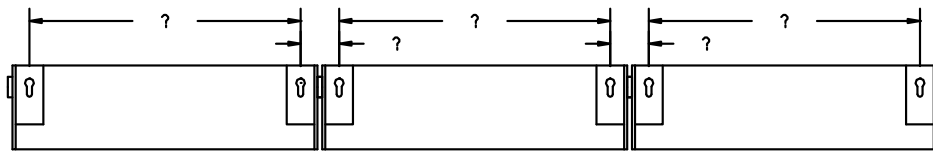
Hardwire: To be used with Flex, Romex &
Rigid Conduit (Provided by others)



Master Switch: See master
switch instructions
(Sold separately)

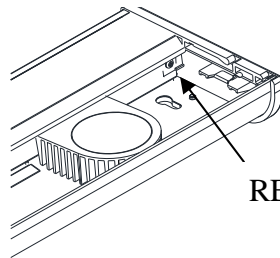
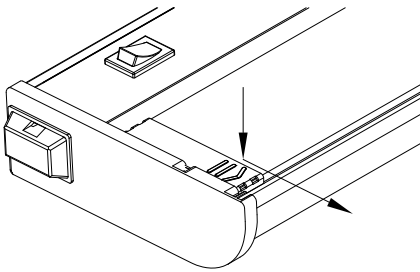


Single fixture mounting dimension

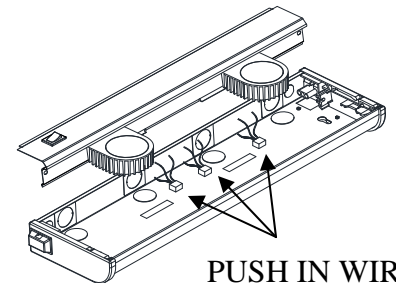


End to End or Speedlink mounting dimensions

3. **If hardwiring**, remove the lens pressing down on the **II>** symbol on each end of the glass lens and pull forward. Remove the wireway cover by removing the two screws on opposite ends of the fixture and compressing the wireway tabs. Remove the desired knockout from the back of the fixture and install the conduit/romex clamp/connector.
4. Feed the supply wires through the fixture into the wireway compartment. Mount the fixture to the cabinet. **Do not tighten the screws at this time.** There will be 3 push-in quick connectors located in the wireway compartment, 1 common (white), 1 hot (black), and 1 ground (green). Connect the black supply wire to the black push-in connector, white to white and green to green.
5. Adjust the supply leads inside and outside of the fixture. Tighten the screws on the conduit/romex clamp. Replace the wireway cover removed in step 3.



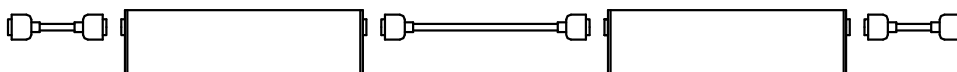
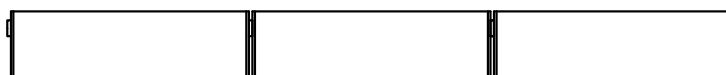
REMOVE



PUSH IN WIRE CONNECTORS

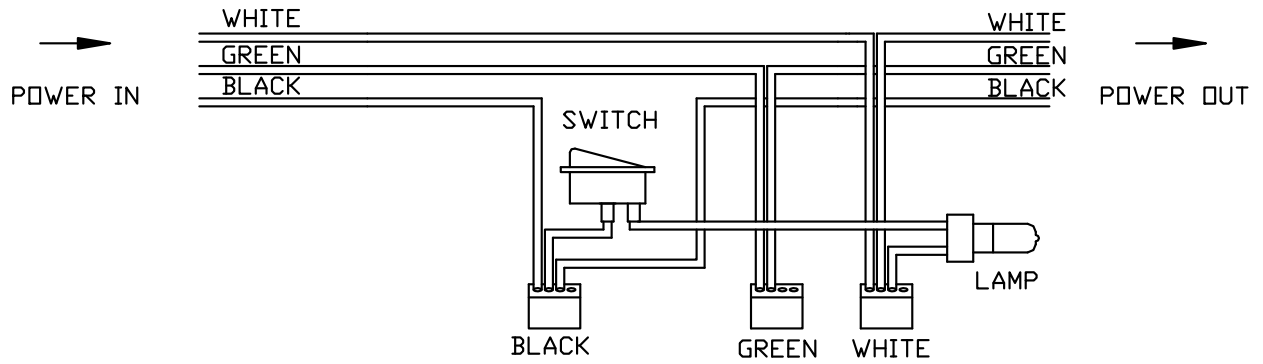
6. Securely tighten the mounting screws. **Note: If mounting end to end the entire run must be mounted together. Connect each fixture end to end and mount to the cabinet as a run. When adding additional fixtures to a portable fixture, they only can be added to the right of your power feed fixture. When adding additional fixtures to a hardwire fixture, they can be added on both the left and the right of your power feed fixture.**
7. Replace the lens on your fixture(s).
8. If your power feed fixture is being used as a portable unit plug in your portable cord & plug into the left end of your power feed fixture and then into the outlet providing power to your fixture(s).
9. When using the Speedlink Cables to join fixtures together, follow step 1-3 and steps 7-9 to install additional fixture(s). Make sure all of your fixtures are securely tighten to the cabinet. Join the fixtures with the Speedlink cables.
10. Restore power to the circuit at fuse or breaker box. **Note: Once power is restored never use SPEEDLINK cables to disconnect power. If disconnecting fixtures or cables is required, the power must be shut off at the fuse or breaker box first.**

End to End linking

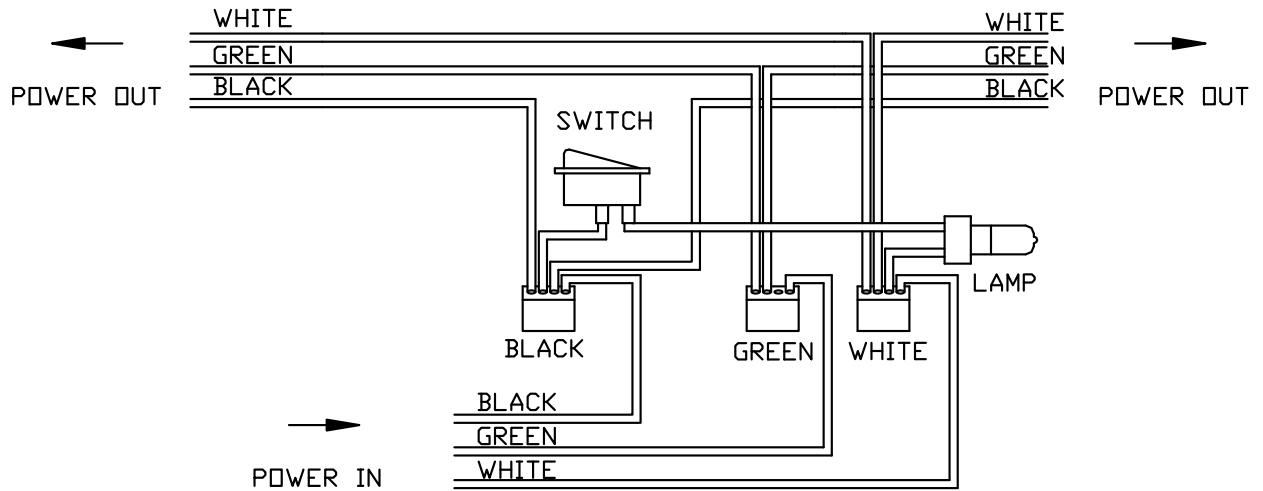


Speedlink Cables linking (Cat. #'s QL-10BK, QL-10WH, QL-18BK, QL-18WH)
(Sold Separately)

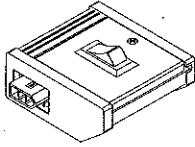
PORTABLE PRESET



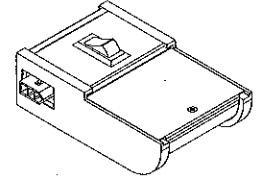
HARDWIRE CONVERSION



MACH 120



Quicklink Master Switch Instructions



This Instruction Sheet covers several options of wiring this master switch

CAREFULLY READ AND FOLLOW ALL INSTRUCTIONS AND RECOMMENDATIONS BEFORE BEGINNING INSTALLATION

GENERAL

1. To insure the success of the fixture installation, the following instructions and diagram(s) should be read and understood.
All electrical connections must be made in accordance with the National Electric Code and local codes and ordinances.
Only a qualified licensed electrician should install this fixture.
2. **TOOLS NEEDED:** Medium common screwdriver, medium and small Phillips screwdriver, wire cutter/stripper, electrical current tester, pencil, small drill or awl.
(Screws for mounting the fixture to a wood cabinet are supplied)
3. **DO NOT Operate master switch with a damaged or missing splice compartment cover.**

Note: The important safeguards and instructions outlined on this sheet are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors that cannot be built into any product.

Caution and care must be supplied by the person(s) installing, operating and caring for this master switch.

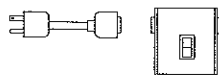
FOR SAFE OPERATION AND MAINTENANCE OF THIS FIXTURE SAVE THESE INSTRUCTIONS!

INSTALLATION:

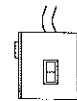
1. **TURN OFF THE ENTIRE ELECTRICAL CIRCUIT TO WHICH THE LIGHTING FIXTURE IS TO BE ATTACHED.**

Move the circuit breaker to the "OFF" position or completely remove the fuse controlling the circuit.

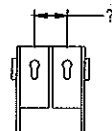
2. Determine the desired location for mounting the master switch. Measure the distance between the Centers of the 2 keyholes on the back of the switch. Mark the locations of the keyholes on the underside of the cabinet with a pencil. Drill pilot holes for the mounting screws with a small drill or awl. Start tightening the mounting screws into the cabinet, leaving the heads of the screws approx. 1/4" away from the cabinet. **Note: If you plan on joining the switch end to end with fixtures in a run, align the ends of the fixtures and press the quick-link firmly together on all of the fixtures in your run. Measure the distance between all of the keyholes in your run. Mark these locations and Drill pilot holes. Determine the desired Power Feed for your fixture Portable or Hardwire Note: fixtures come pre-wired as portable, if you plan on using this fixture as a portable skip to Step 7.**



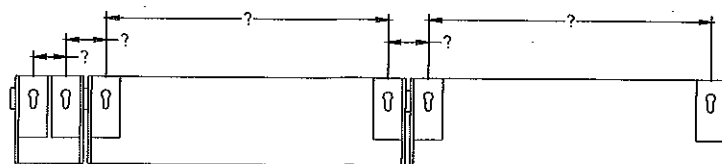
Portable: To be used with cord and plug.
Cord and Plug Cat. #'s, PL-96WH and PL-96BK(Sold separately)



Hardwire: To be used with Flex, Romex &
Rigid Conduit (Provided by others)

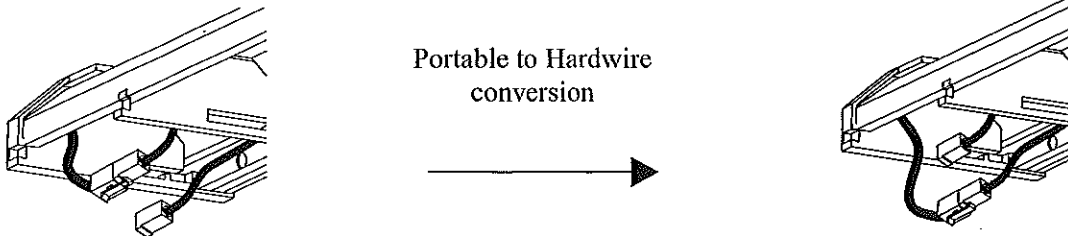


Stand alone switch
mounting dimension

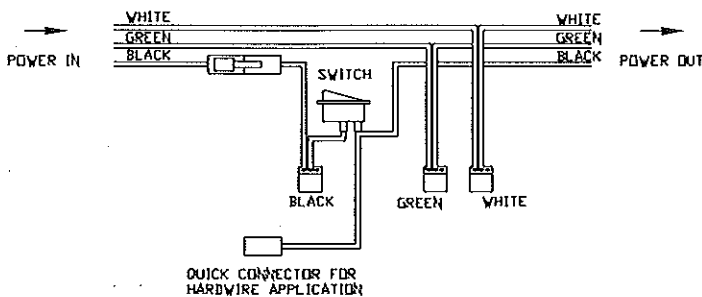


End to End switch
mounting dimensions

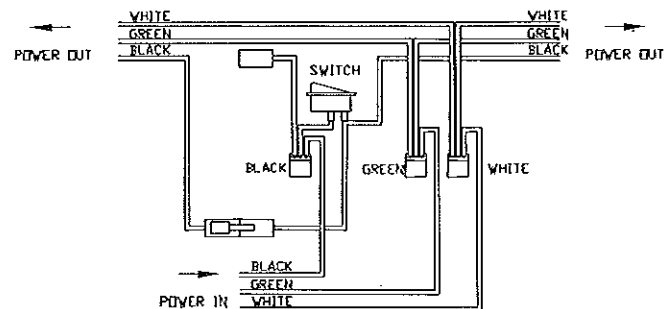
3. **If hardwiring**, remove the screw for the splice compartment cover (next to the switch). Remove the knockout from the back of the master switch and install the conduit/romex clamp/connector.
4. Feed the supply wires through the switch into the splice compartment. Mount the switch to the cabinet. **Do not tighten the screws at this time.** There will be 3 push-in quick connectors located in the splice compartment, 1 common (white), 1 hot (black), and 1 ground (green). Connect the black supply wire to the black push-in connector, white to white and green to green.
5. In the splice compartment you will see that the hot (black) wire has a quick-connect inline with the switch. There is also a loose black lead with a female quick-connect. Disconnect the hot (black) wire inline with the switch and reconnect it with the loose black lead in the splice compartment.
6. Adjust the supply leads inside and outside of the switch. Tighten the screws on the conduit/romex clamp.



7. Securely tighten the mounting screws inside of the splice compartment. **Note: If mounting end to end the entire run must be mounted together. Connect each fixture end to end and mount to the cabinet as a run. When hardwiring, fixtures can be added to the left and the right of the master switch. When using the master switch as a portable, fixtures can only be added to the right of the switch.**



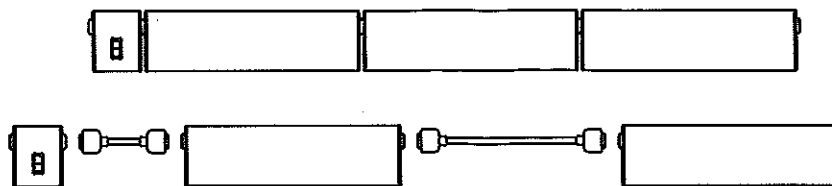
Portable Wire Diagram



Hardwire Diagram

8. Replace the splice compartment on the master switch.
9. Make sure the master switch is in the **OFF** position.
10. If your master switch is being used as a portable unit plug in your portable cord & plug into the left end of your switch and then into the outlet providing power to your fixture(s).
11. When using the Quicklink Interlink Cables to join fixtures to the master switch, follow instructions provided with that fixture. Make sure all of your fixtures are securely tighten to the cabinet. Join the fixtures with the Quicklink Interlink cables.
12. Restore power to the circuit at fuse or breaker box. **Note: Once power is restored never disconnect any fixture or Interlink cables from one another. If disconnecting fixtures or cables is required, the power must be shut off at the fuse or breaker box.**

End to End linking



Interlink Cables linking (Cat. #'s QL-10BK, QL-10WH,
QL-18BK, QL-18WH
(Sold Separately)