

Houselite™/Worklite™

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Congratulations on purchasing the LED Houselite™/Worklite™. If this is your first LED fixture, brace yourself for a whole new world of convenience and control. With a design incorporating qualities any application can appreciate, we present to you a light-weight, compact, customizable light fixture to serve countless demands.

The Houselite™/Worklite™ is an LED fixture designed for performance, adaptability and convenience. Already cool-running and versatile, LED technology continues to improve and provide an efficient source of light, ready to be worked into your theatrical or architectural application. Minimum maintenance and zero lamp replacement makes this fixture ideal for hard-to-get-to places.

Each fixture includes:

- LED Houselite™/Worklite™ Fixture
- Assembly/Operation Instructions
- Mounting Hardware



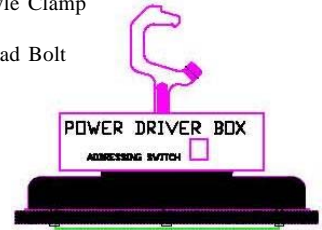
WARNING: Disconnect fixture before any service is performed. Do not open the fixture while it is still plugged into the power source.

Assembly Instructions

Clamp Mount:

Materials required:

- 1 - LED Houselite™/Worklite™
- 1 - Standard Theatrical Style Clamp
- 1 - Cupped Spring Washer
- 1 - 1/2-13 x 1-1/2 Hex Head Bolt



If the fixture is to be mounted with a clamp, it is attached to the stud mounted on the top of the driver box by removing the hex bolt on the bottom of the clamp and then spinning the clamp onto the stud.

Yoke Mount (Pre-assembled):

Materials required:

- 1 - LED Houselite™/Worklite™
- 1 - Yoke
- 1 - 5/16-18 Tee Handles
- 1 - 5/16-18 Hex Bolt
- 2 - Cupped Spring Washers
- 2 - Fibre Washers

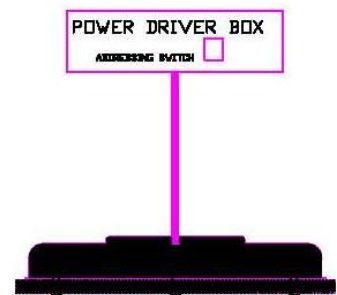


If the fixture is to be mounted with a yoke, it is attached to the ends of the driver box using a tee handle on one side and the hex bolt on the other, cupped washer, and fibre washers according to the diagram above.

Pendant Mount:

Materials required:

- 1 - LED Houselite™/Worklite™
- 1 - Pendant Pipe
- 1 - Canopy
- 2 - Hex Nuts



For pendant mounting, remove the circular cover on top of the fixture head. Pass the pendant pipe through the hole in the cover and secure with a hex nut. Thread the cable from the fixture head through the pipe until it exits the other end. Insert the pendant pipe through the driver box and secure with the second hex nut. Make the electrical connection within the driver box and secure the cover on the head and box.

Operating Instructions

Three basic versions of the LED Houselite™/Worklite™ are manufactured:

1. Version one is the Non-Dimming model of the fixture. All of the standard attributes of the fixture in terms of intensity, spread, voltage, wattage, estimated life and color temperature are identical to the other two versions with the exception of dimmability.

To operate, plug the fixture into a power source. The fixture will simply turn on. Unplug the unit from the power source to turn off. This fixture is not equipped with control capabilities. (Model number: WKLT/HSLT-LED-NON-DIM).

2. The second model is the 0-10 volt dimming version. It has the same features as the non-dim version but includes the dimming control feature. Again, all of the standard attributes of the fixture in terms of intensity, spread, voltage, wattage, estimated life and color temperature are identical to the other two versions.

To operate, plug the power cord into the power source and connect the dimming cable to an appropriate 0-10V dimming module (not included). (Model number: WKLT/HSLT-LED-DIM).

3. The third model is configured specifically to use DMX 512 protocol. Again, all of the standard attributes of the fixture in terms of intensity, spread, voltage, wattage, estimated LED life and color temperature are included in this model. In addition, this version operates on 3 DMX channels allowing maximum control over the 120 - 1.25w LEDs. The first channel controls the inner-most two rings of LEDs, the second channel controls the middle two rings and the third, the outer-most two rings. This unit also has power passthru and 5-pin M/F XLR.

To operate, the user can select the channels they would like to use by manipulating the switches on the face of the driver box cover. (See the separate information sheet enclosed for driver specification and channel setting procedures.) Plug the power cord into the power source and connect the control via DMX 5-pin cable to the fixture driver box. Multiple fixtures can be “daisy chained” together by plugging the next fixture into the first and continuing the DMX connection. (Model number: WKLT/HSLT-LED-DMX512).

Lamp Addressing - DMX only

The LED Houselite™/Worklite™ allows for three sets of two rings each of LEDs to have a unique DMX address, allowing for very localized control on a DMX network. The addressing is completed by setting the switches on the cover of the driver box assembly. Addresses can be assigned per separate instruction information included with this fixture.

Lamp Replacement

Lamp replacement is not necessary. Your LED fixture is equipped with LEDs with an expected life of greater than 50,000 hours. If a LED fails, contact the factory to determine warranty status and arrange for repair or replacement.

WARNING: Do not attempt to repair or replace LEDs. This action may void your warranty.

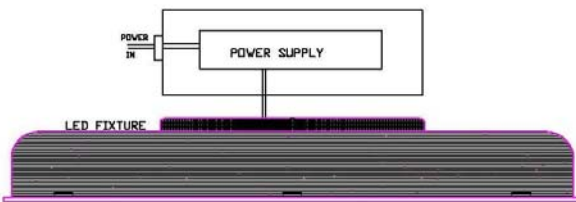
SAVE THESE INSTRUCTIONS

Wiring Information

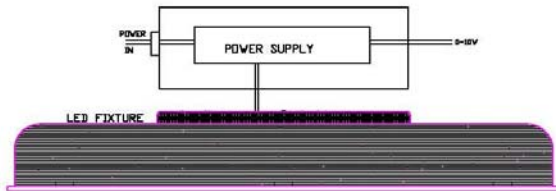
The LED Houselite™/Worklite™ wire diagrams are outlined below. The On/Off model is wired very similarly to the 0-10v fixture. In fact, the same driver is used in both of those models.

The DMX model contains an internal power supply unit and a 3 channel driver that passes the DMX signal and power throughout the LEDs in the fixture. Both the power and the DMX have parallel passthru to the next fixture.

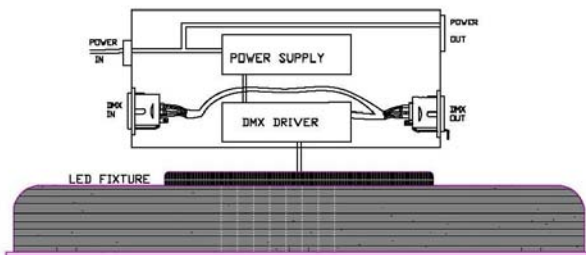
On/Off Wire Diagram



0-10V Dimming Wire Diagram



DMX 512 Wire Diagram



Maintenance

The LED Houselite™/Worklite™ requires a minimum amount of maintenance. **However, ALL maintenance must be performed by qualified personnel only!**

WARNING: Disconnect fixture before any service is performed. Do not open the fixture while it is still plugged into the power source.

WARNING: Do not open the head of the fixture that consists of the LEDs, lenses, glass cover and heatsink. Trying to perform maintenance on these components may void your warranty.

Some simple checks should be made:


1. Remove dust that may collect from the baffles on the heatsink. Over time the collection of dust may inhibit the cooling capacity of the heatsink. A simple dusting can ensure proper cooling.
2. Hardware must be checked, wire connections tightened and electrical insulation inspected for damage.
3. The LED driver and power supply should be inspected and may require replacement periodically. Both of these components are located in the driver box that is either attached to the top of the fixture or has been remoted from the fixture.

To ensure against future hazards, any wear detected must be reversed either by repair or replacement. It is the equipment user's responsibility to keep the equipment in proper, and safe, working condition.

Ensure fixtures are properly secured to their means of support. Fixtures hanging for extended periods should be checked periodically. **IMPORTANT:** Underwriters Laboratories (UL) requires that an approved safety cable be employed when portable stage and studio lighting equipment is used in a suspended position.

This equipment was created to be used in compliance with the NEC and local codes. Any modification to, or misuse of this fixture will void any warranty or liability claims either explicit or implied. It is the responsibility of the user to be sure this unit is used in compliance with the NEC and local codes.



NEC and  are registered trademarks of the National Fire Protection Association (NFPA).

Parts List - DMX Model

119-1000	Strain Relief
124-8803	Cast Handle w/ Stud (Yoke Model Only)
127-1610	Power Cord
127-7210	XLR Male Assembly
127-7210	XLR Female Assembly
260-1605	Spring Washer
420-0220	Receptacle 5-15R snap-in
430-0001	150W LED Head Assembly
430-0060	Power Supply
430-0061	LED DMX Driver
CVEB-01C	Cover (C Clamp Mount Only))
HSEB-01C	Housing (C Clamp Mount Only)
HSEB-02C	Housing (Yoke Mount Only)
PLEB-01C	Driver Mount Plate
WSCOMN-01C	Washer Fibre
YK8620-01C	Yoke
HangTuff	HangTuff Clamp (C Clamp Mount Only)

Parts List - Dim and Non-Dim Models

119-1000	Strain Relief
124-8803	Cast Handle w/ Stud (Yoke Model Only)
132-2497	Double D Hole Plug (Non-Dim Only)
132-8806	6P 3-4 Bushing (Dim Only)
127-1610	Power Cord
260-1605	Spring Washer
430-0001	150W LED Head Assembly
430-0062	0-10V/Non-Dim Driver
CVEB-03C	Cover
HSEB-03C	Housing (C Clamp Mount Only)
HSEB-04C	Housing (Yoke Mount Only)
WSCOMN-01C	Washer Fibre
YK8620-01C	Yoke (Yoke Model Only)
HangTuff	HangTuff Clamp (C Clamp Mount Only)

Accessories available:

- Egg Crate
- Color Holder
- Square Trim Ring
- Round Trim Ring
- Yoke
- Get-A-Grip™ pipe clamp
- HangTuff™ pipe clamp



Warranty

Equipment manufactured by Lighting & Electronics, Inc. is guaranteed to be free of defective material and workmanship for a period of one year from date of shipment. During this period, equipment returned to our factory will be repaired or replaced (at our option) at no charge except freight, unless damaged by abusive use.

Equipment not of our manufacture is warranted only to the extent warranted to us by the manufacturer, and then only to the extent we are able to enforce such warranty.

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