



LEI proprietary **LED RED**

**WDL Series**



Tube is not colored,  
It is frosted to  
reduce glare.  
(Illustration  
purposes only)  
Special proprietary  
RED LED

### Description

The **WDL RED LED Series** is the latest proprietary fixture in the LEI line of washdown products. The energy efficient linear LED fixture designed specifically for the concept of quelling poultry. The **WDL RED LED Series** replaces outdated UV Black light bulbs, which could fall into the invisible and potentially harmful UV range.

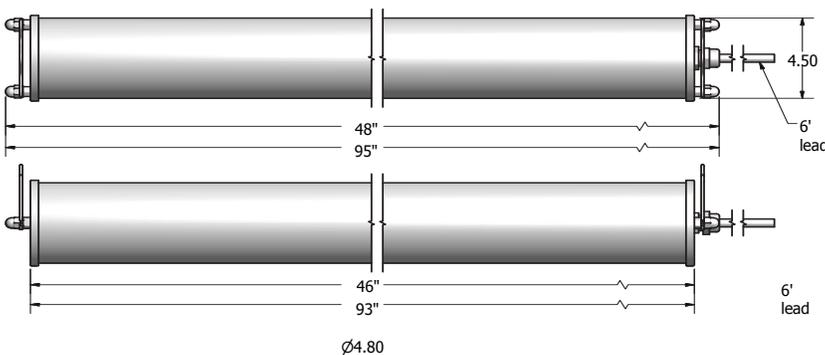
LEI utilizes a true RED LED, that is not compromised by a color corrected film that is not designed to be used in high stress applications. LEI has taken it a step further and selected a bioactive specific range that is outside of the UV zone. The result is a safe and effective RED LED whose benefits include calming and therapeutic properties.

The WDL utilizes a proprietary two point closure system on each end, comprised of stainless steel end caps and custom molded gaskets to ensure a positive seal. The component base design allows for quick and easy maintenance. The IP69K rated enclosure utilizes a robust .125" thick chemical and impact resistant **FROSTED** lens to provide a **GLARE FREE**, wide distribution light pattern.



Actual without filter.  
&  
"White Shirt"

### Dimensions



| Date        | Catalog # |
|-------------|-----------|
|             |           |
| Type        | Project   |
|             |           |
| Prepared by | Comments  |
|             |           |

### Features and Specifications

#### ENCLOSURE

High impact, .125" DR blended acrylic FROSTED tube sealed with custom molded gaskets and stainless steel endcaps. A proprietary two point closure system ensures a positive seal. All exposed hardware is stainless steel.

#### INTERIOR HOUSING

Extruded aluminum gear tray with integrated LED mounting rails and proprietary stainless steel double studs. Driver(s) enclosed by a heat dissipating aluminum cover.

#### ELECTRICAL

Universal voltage (120V-277V), constant current Class 2 driver. High quality, mid-power LED boards rated at 50,000 hours. Standard fixture supplied with 3-wire, yellow, six-foot, #16 AWG, STOW cable secured by a proprietary, stainless steel, potted strain relief.

#### MOUNTING

Three stainless steel options available:

- Adjustable Wire Hanger Mount
- Proprietary Adjustable / Fixed Mount
- Proprietary Band Mount

#### CERTIFICATIONS

- ETL listed UL 1598 for Wet Location
- ETL listed UL 1598 for Battery Back-Up
- ETL listed CSA Std. C22.2 No. 250.0
- ETL listed ANSI/NSF 2 for Splash Zones
- IP69K rated

### Warranty

- 5-year limited warranty.  
(See LEI's LED Warranty for complete details.)
- Optional Internal RED Filter is not covered by standard warranty and could require change approximately every 2 years depending on usage. Filter replacement shipped free during that period.

## Ordering Information

### Example Catalog Number – W8- M-MILRED -U-

|               |               |   |               |               |   |                |   |                |   |                                |
|---------------|---------------|---|---------------|---------------|---|----------------|---|----------------|---|--------------------------------|
| <b>W</b>      | <b>8</b>      | - | <b>M</b>      | <b>MILRED</b> | - | <b>U</b>       | - |                | - |                                |
| <b>A</b>      | <b>B</b>      |   | <b>C</b>      | <b>D</b>      |   | <b>E</b>       |   | <b>F</b>       |   | <b>G</b>                       |
| <b>Series</b> | <b>Length</b> |   | <b>Output</b> |               |   | <b>Voltage</b> |   | <b>Options</b> |   | <b>Options &amp; Power End</b> |

|  |  |   |  |  |   |  |   |  |   |  |
|--|--|---|--|--|---|--|---|--|---|--|
|  |  | - |  |  | - |  | - |  | - |  |
|--|--|---|--|--|---|--|---|--|---|--|

### Catalog Logic:

#### A. Series

W = WDL

#### B. Length

4 = 4'  
8 = 8'

#### C. Output

M = Medium

#### D. Color

MILRED = Proprietary RED LED configuration.

#### E. Voltage

U = (120V-277V)  
UNB = (120V-277V) Non-Switching Battery Back-Up  
USB = (120V-277V) Switching Battery Back-Up

#### F. Options

RF = Proprietary LEI Red color filter

#### G. Optional Power End

All fixtures come standard with 6' Yellow Lead, 3-wire, 16 AWG. Or select from the options below.

R3 = Mini-Receptacle, 3-wire, Male

Below - 4 wire for switching scenarios.

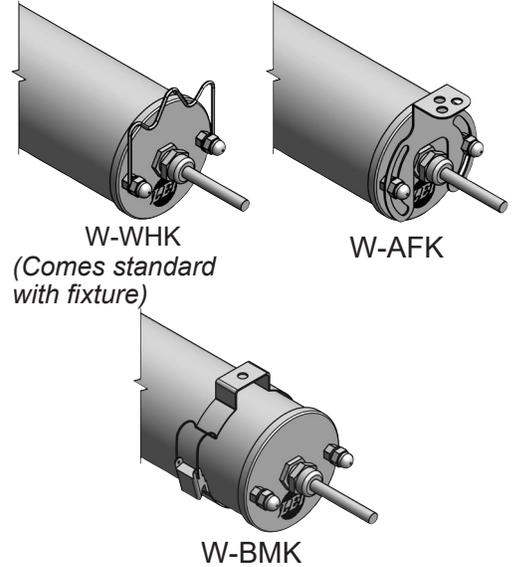
R4 = Mini-Receptacle, 4-wire, Male

4P6 = 6' Yellow Lead, 4-wire, 16 AWG

## Replacement Parts & Accessories

|        |   |
|--------|---|
| SF3-6  | Mini-Connector, 3-wire, Female – 6'           |
| SF4-6  | Mini-Connector, 4-wire, Female – 6' Frosted   |
| WFT-4  | Tube Lens – 4'                                |
| WFT-8  | Frosted Tube Lens – 8'                        |
| W-ECK  | Stainless Steel Non-Electrical End Cap Kit    |
| W-ECKE | Stainless Steel Electrical End Cap Kit        |
| W-AFK  | Stainless Steel Adjustable/Fixed Mounting Kit |
| W-BMK  | Stainless Steel Band Mounting Kit             |

## Mounting Options



## Performance Data

| Catalog Number | Length | Lumen Output | CCT | Actual Lumens | System Watts |
|----------------|--------|--------------|-----|---------------|--------------|
| W4-M-MILRED-U  | 4'     | Medium       | RED | N/A           | 21           |
| W8-M-MILRED-U  | 8'     | Medium       |     | N/A           | 42           |

*Numbers in italics are calculated using LED manufacturers' data.*

