WDL Series

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. Dimming available (0-10V)

MOUNTING
Three stainless steel options available:

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

CERTIFICATIONS
- DLC listed
- 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

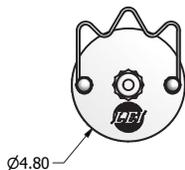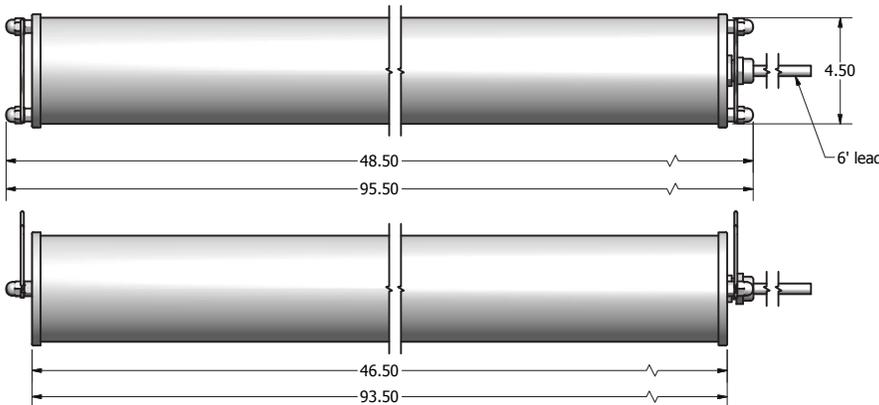- 5-year limited warranty.
  (See LEI's LED Warranty for complete details.)

Description

The **WDL Series** is an energy efficient linear LED fixture designed specifically for heavy hose-down applications. The WDL utilizes a proprietary two point closure system 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 similar to fluorescent products. ETL listed UL1598 for Wet Location, Battery Back-Up, CSA Std. C22.2 No. 250.0, ANSI/NSF 2 for Splash Zones, and IP69K rated; the WDL Series is designed to hold up to daily sanitation while meeting all ANSI/NSF 2 requirements.

Dimensions

Ordering Information

Example Catalog Number – W8-H45-85-U

W	8	-	H	45-85	-	U	-		-	
A	**B**		**C**	**D**		**E**		**F**		**G**
Series	Length		Lumen Output	CCT CRI		Voltage		Optional Power End		Optional Controls

		-			-			-			-		

Catalog Logic:

A. Series
W = WDL

B. Length
1 = 1'
2 = 2'
4 = 4'
8 = 8'

C. Lumen Output
M = Medium
H = High

D. CCT and CRI
45-85 = 4500K, 85 CRI
65-90 = 6500K, 90 CRI

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

F. 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
R4 = Mini-Receptacle, 4-wire, Male
4P6 = 6' Yellow Lead, 4-wire, 16 AWG

G. Optional Controls

MOS = Wet Location Motion Sensor
DMS = Dimming Motion Sensor -Wet

Replacement Parts & Accessories

SF3-6	Mini-Connector, 3-wire, Female – 6'
SF4-6	Mini-Connector, 4-wire, Female – 6'
WFT-4	Frosted 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

W-WHK
(Comes standard with fixture)

W-AFK

W-BMK

Performance Data

Catalog Number	Length	Lumen Output	CCT	Actual Lumens	System Watts	Lumens per Watt	CRI
W1-M45-85-U	1'	Medium	4500K	*1375*	*13*	*106*	87
W1-H45-85-U		High		*1729*	*17*	*102*	87
W2-M45-85-U	2'	Medium	4500K	**3438**	**30**	**117**	87
W2-H45-85-U		High		**4322**	**37**	**117**	87
W4-M45-85-U	4'	Medium	4500K	**7,027**	**55**	**128**	85
W4-H45-85-U		High		**8,832**	**69**	**128**	86
W4-M65-90-U		Medium	6500K	*5,194*	*56*	*93*	95
W4-H65-90-U		High		**6,493**	**71**	**92**	95
W8-M45-85-U	8'	Medium	4500K	**14,440**	**109**	**132**	86
W8-H45-85-U		High		**17,690**	**138**	**128**	85
W8-M65-90-U		Medium	6500K	*11,795*	*113*	*105*	94
W8-H65-90-U		High		**14,450**	**138**	**105**	94

Numbers in italics are calculated using LED manufacturers' data.

Consult factory for all available options & configurations.

Not all configurations of this fixture may be DLC qualified. Please consult the DLC Qualified Products list @ www.designlights.org to see if the version in which you are interested is listed.

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