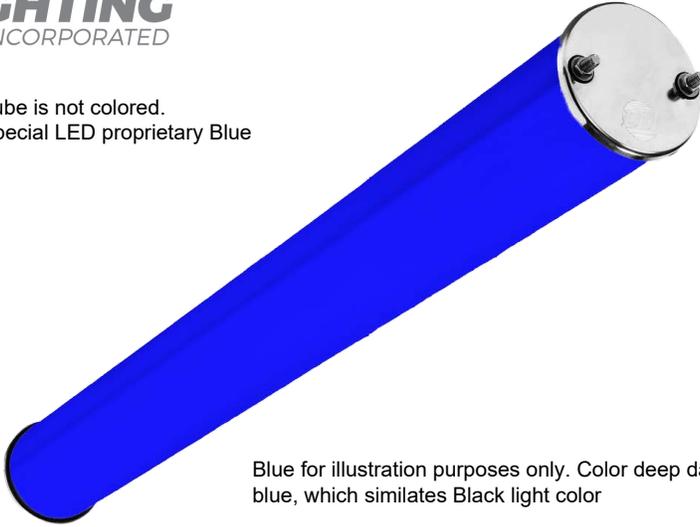# *LEI proprietary LED BLUE*

WDL Series

Tube is not colored.
Special LED proprietary Blue

Blue for illustration purposes only. Color deep dark blue, which similates Black light color

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

Description

The *WDL Blue 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 The *WDL Blue LED Series* replaces outdated UV Black light bulbs, which could have harmful UV range.
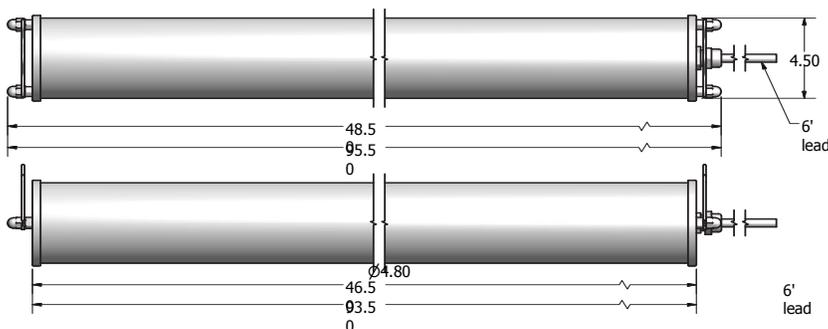
Many companies sell a "Blacklight LED version" or a "Blue" in color LED adapted from a carwash, for this purpose. LEI has taken it a step further with a specific range, that is outside the UV zone in an attempt to emulate the calming effect.

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.

The "LM" standard 4 ft unit only utilizes 14 watts.

Warranty

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

Dimensions

48.5
95.5
0

4.50

6' lead

Ø4.80
46.5
93.5
0

6' lead

Ordering Information

Example Catalog Number – W8-BL- Special-U- LM- BF

W	8	-	BL	Special	-	U	-	LM	-	BF
A	**B**		**C**	**D**		**E**		**F**		**G**
Series	Length		Color Output	CCT CRI		Voltage		Output		Options & Power End

		-			-		-		-	

Catalog Logic:

A. Series
 W = WDL

B. Length
 4 = 4'
 8 = 8'

C. Color
 BL = LED BLUE

D. CCT and CRI
 Special = Proprietary Blue LED configuration.

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

F. Output
 LM = Low Medium Energy minded

G. Options
 BF = Darker Blue transmission Proprietary LEI color Filter.

H. Optional Power End

 All fixtures come standard with 6' Yellow Lead, 3-wire, 16 AWG. Or select from the options below.
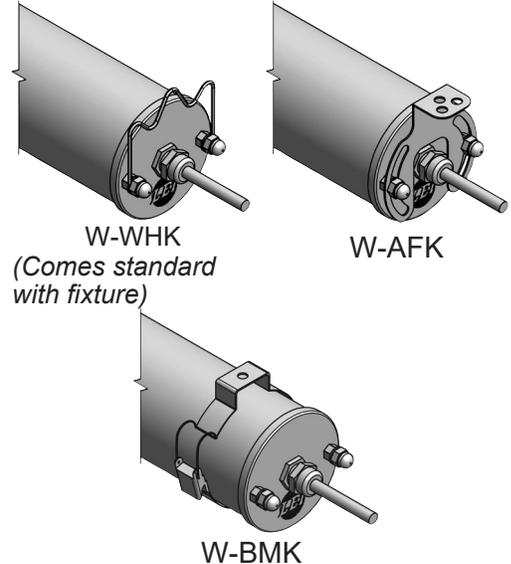
 R3   = Mini-Receptacle, 3-wire, Male

 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

W-WHK
(Comes standard with fixture)

W-AFK

W-BMK

Performance Data

Catalog Number	Length	Lumen Output	CCT	Actual Lumens	System Watts
W4-BL-Special-U-LM	4'	Low Medium	BLUE	N/A	14
W8-BL-Special-U-LM	8'	Low Medium		N/A	28

Numbers in italics are calculated using LED manufacturers' data.

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2023D

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