Larson Electronics LLC
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WDL-24-1L-SS-2X5FT

14W Linear 2' LED Light - 1750 Lumens - IP66 - Stainless Steel Mounting Brackets/Hardware

Product ID: 144771

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

WDL-24-1L-SS-2X5FT Linear LED Light

Lamp Type: LED T8 Tube

Dimensions: 34"L x 3" Diameter

Weight: 3 lbs
Voltage: Universal- 100-277V AC, 50/60Hz or 11-25 AC/DC
Total Watts: 14W

Total Lumens: 1,750

Luminous Efficacy: 125 Lm/W

LED Lamp Life Expectancy: 50,000+
Color Temp: 5600K
Color Rendering Index: >80
Beam Angle: 150°
Amp Draw: 0.23 amps @ 120 volts

Power Efficiency: 90%

Power Factor: >0.95
Ambient Operating Temperature: -20°C to +85°C
Operating Temperature Range: -40°C to +85°C
Minimum Operating Temperature: -20°C
Maximum Case Temperature: 160°C
Housing Material: Polycarbonate
Lens Material: Polycarbonate

Gasket: Silicone

Ratings

Wet Area Approved
IP66 Rated for High Pressure Jets in Washdown Environments
Corrosion Resistant
50,000 Hour LED life
High Output LED Lamp

Internal LED Driver - No Ballasts

Serviceable Fluorescent Style LED Tube

304 Stainless Steel Mounting Brackets and Hardware

Available with Either Diffused or Clear Lens
Prewired with 6` 16/3 SOOW Leads w/ Blunt Cut Ends
Built to ABS Standards
NRTL Certified to UL 1598 LED Assembly

NRTL Certified to CSA 22.2 No 250.0 LED Assembly

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Mounting: 304 Stainless Steel L Brackets, Delrin C clamps, Stainless Hardware
Wiring: 5` 16/3 SOOW Leads w/ Blunt Cut Ends on Input and Output Sides

Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in Texas

Providing 1,750 lumens of clean, crisp white light with a CRI of 80 and a color temperature of 5600K, the WDL-24-1L-SS-2X5FT linear LED light from Larson Electronics clearly and directly illuminates work areas while eliminating dark spots and shadows, making it ideal for work environments where bright uniform light and excellent color rendering are crucial to completing tasks safely. With an impact and shock resistant no-glass, polycarbonate T8 LED bulb, sealed polycarbonate end caps, 304 stainless steel mounting brackets, Delrin clamps, and stainless steel mounting hardware, this IP66 rated waterproof linear LED light is unrivaled in providing reliable, stable lighting under even the harshest of conditions.

The WDL-24-1L-SS-2X5FT linear light consists of one 14 watt T8 tube style LED bulb that draws 0.23 amps at 120 volts AC, polycarbonate end caps, and stainless steel brackets for mounting. Because the LED assembly is a self-contained lighting fixture in itself and requires no additional housing, this unit is ultra compact and low profile. Instead of using a fragile glass bulb as with traditional fluorescent lighting, the housing on this LED fixture is made of impact and shock resistant polycarbonate, making it a much safer and more durable option than fluorescent bulbs. The WDL-24-1L-SS-2X5FT Linear LED Light is the ideal replacement for outdated traditional fluorescent fixtures. While fluorescents require additional space for a ballast, contain fragile glass bulbs, and are notorious for annoying flickering and slow start up times, LED fixtures require no ballast, take up less space, provide instant full power illumination, and project a stable, no-flicker beam from a durable solid state lighting source.

Click Photo to Enlarge

The NRTL Certified to UL 1598 LED assembly is lightly frosted and contains a built-in diffuser to provide a wide, glare-free area of bright illumination. Providing 1,750 lumens of clean, crisp white light with a CRI of 80 and a color temperature of 5600K, the WDL-24-1L-SS-2X5FT clearly and directly illuminates work areas while eliminating dark spots and shadows, making it ideal for work environments where bright uniform light and excellent color rendering are crucial to completing tasks safely. The WDL-24-1L-SS-2X5FT is available with either a diffused lens or a clear lens. Please select which type of lens is desired when ordering below.

The WDL-24-1L-SS-2X5FT is built to withstand the challenges and rigors of wet environments and harsh conditions, including extreme temperature changes. With a tough, shatter resistant NRTL Certified to UL 1598 LED assembly sealed with polycarbonate end caps and equipped with corrosion resistant, 304 stainless steel mounting brackets, Delrin lamp mounting clamps, and stainless steel hardware, this compact and rugged IP66 rated light can withstand high pressure jets in washdown areas such as those found in food preparation and sanitation operations.

NOTE: Cord caps are NOT included from the factory. This unit comes prewired on the input and output sides 6` 16/3 SOOW leads w/ blunt cut ends.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or

mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Made in the USA Quality

1. Low power consumption.
2. Instant on/off operation.
3. Machined aluminum body.
4. Superior color rendering compared to fluorescent and incandescent illumination.
5. Retains 70% lumen output after 50,000 operating hours.
6. Low profile - Lightweight
7. 1,750 Lumen output from only 14 watts.
8. 304 stainless steel mounting brackets and hardware.
9. Field serviceable LED tube.
10. 5` 16/3 SOOW leads w/ blunt cut ends from both the input and output sides of the unit.

Superior LED Benefits

1. 50,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off - No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)

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WDL-24-1L-SS-2X5FT

Product ID: 144771

Export Control Classification Number (ECCN): EAR99

Options:

WDL-24-1L-SS-2X5FT-Voltage-Color Temp-Diffusion

Example: WDL-24-1L-SS-2X5FT-1227-30K-Diffused

Voltage	
120-277V AC	-1227
11-25V AC/DC	-1224

Color Temp	
3000K	-30K
4500K	-45K
5600K	-56K
7500K	-75K

Diffusion	
DIFFUSED	-Diffused
CLEAR	-Clear

Links (Click on the below items to view):

- SpecSheetRussian
- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map