

LEDTWP-580-48VDC

58W Traditional LED Wall Pack - Replaces 400W Metal Halide Fixtures - 48V DC- IP65 - Wall Mount

Product ID: 271884

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.

LEDTWP-580-48VDC Wall Pack Light

Listing: United States - Canada

Lamp Type: LED

Dimensions (Inches): 18.13"-L x 9.38"-W x 9"-H

Dimensions (CM): 46.05-L x 23.83-W x 22.86"-H

Weight: 12 lbs

Voltage: 48V DC

Watts: 58

Total Lumens: 6,639

Luminous Efficacy: 114.47 lm/w

LED Life Expectancy: 100,000 hours

Lighting Configuration: Flood

LED Light Color: 4000K or 5000K

Color Rendering Index: 85

Power Efficiency: 85%

Power Factor: >0.95

Amp Draw: 1.21A @ 48V

Housing Materials: Die Cast Aluminum Alloy 2-Part Hinged Housing

Lens Materials: Prismatic Borosilicate Glass Lens

Gasket Materials: Silicone

Ingress Protection: IP65

Ambient Temp Range: -40°C to +40°C

Mounting: Wall / Flat Surface

Quick Summary / Features

Listed for United States and Canada

Waterproof Proof

Operates on Standard 48 V DC

Vibration Resistant Construction

100,000 Hour LED Life

IP65 Waterproof

Approved for Confined Spaces

Approved for Indoor Use

Approved for Outdoor Use

Approved for IP65 Wet Locations

Operating Temp Range -40°C to +40°C

High Performance Integrated LED Assembly

Replaces 400 Watt Metal Halide Light Fixtures

Up to 87% Savings in Energy and Maintenance

Traditional Housing Matches Existing Fixtures

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Wiring: Pigtail

Wiring Hub: 1/2" NPT Knock-outs

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The LEDTWP-580-48VDC Traditional Historic Style LED Wall Pack Light offers high light output from a compact form factor and is designed to provide a more durable and long lived alternative to halogen and metal halide units. This 58 watt LED light is designed to replace 400 watt metal halide wall packs and produces a wide flood beam without the high heat, fragile construction, or high energy costs of traditional lighting. The LED LEDTWP-580-48VDC provides 100,000 hours of reliability and up to 87% savings compared to traditional 400 watt metal halide wall pack fixtures.

The popular LEDTWP-580-48VDC traditional style LED wall pack light from Larson Electronics is designed to replace more fragile and energy consuming 400 watt metal halide fixtures, without the required maintenance or electrical requirements associated with metal halides. This 58 watt LED wall pack assembly consists of an integrated LED assembly paired with prismatic glass to produce a wide light distribution suitable for replacing 400 watt metal halide flood lights. This LED wall pack features a 2-piece hinged housing constructed of die cast aluminum alloy with an injected molded rubber gasket resembling that of traditional style wall pack fixtures. This LED wall pack is designed to withstand demanding conditions and is IP65 waterproof and built to resist the damaging effects of an outdoor environment. This fixture can be used indoors or outdoors as well as in confined spaces without heat buildup.



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The LEDTWP-580-48VDC consists of an integrated LED assembly housed within a waterproof die cast aluminum housing that has a textured architectural bronze powdercoat finish over a chromate conversion coating for added durability and resistance to corrosion. The 2-part hinged housing allows for easy wall mount installation and future servicing, and the aluminum design helps heat dissipation and increased LED longevity. The LED lamp assembly is protected by a molded prismatic borosilicate glass lens which is secured to the housing with a one piece injected rubber seal. This prismatic glass lens is designed for superior light distribution. A 1/2" NPT knockout provides a secure and sealed power connection point and rounds out this unit's weather resistant construction. The traditional housing design of this LED wall pack helps maintain building aesthetics when replacing existing wall packs.

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.

This LED wall pack light operates on 48V DC systems. The LEDTWP-580-48VDC provides an efficient and highly durable alternative to standard 400 watt metal halide as well as halogen, fluorescent, and compact fluorescent wall pack lights while using only a fraction of the power.

With the LEDTWP-580-48VDC there is no warm up period, the light can be cycled on and off without any reduction in lamp life, there is no glass or filament to shatter or break, and the solid state LED design provides 100,000 hours of operation. The LEDTWP-580-48VDC is ideal for wall pack lighting, wall pack down lighting, upwards lighting, monuments, marinas, docks, warehouses, billboards, parking lots, carports, loading areas, driveways, hotels, garages, commercial buildings, schools, public areas, and security systems just to name a few examples.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)









LEDTWP-580-48VDC

Product ID: 271884

Warranty: 60 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LEDTWP-580-48VDC-Color Temp

Example: LEDTWP-580-48VDC-50K

Color Temp	
5000K	-50K
4000K	-40K

Links (Click on the below items to view):

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