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VPL-32-45W-ITG-LED

45W Harsh Location LED Light - 120-277V AC - 32" - Water/Vapor Proof - NSF Approved - Food Safe

Product ID: 147384

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.

VPL-32-45W-ITG-LED Harsh Location LED Light

Lamp Type: LED
Lamp Dimensions: 32.6" x 4.83" x 3.75"
Weight: 30 lbs
Voltage: 120-277V AC 50/60 Hz
Amps: 0.38 - 0.16A
Watts: 45W
Lumens: 5,054 lm
LED Lamp Life Expectancy: 50,000+ Hours
Color Temp: 5,000K - White
CRI: 70+
Beam Angle: Flood
Ambient Temp Range: -50°C to +65°C
Lens Material: Diffused Polycarbonate
Housing: Copper-free Aluminum
Finish: Clear Anodized for Corrosion Resistance
Hardware Materials: 316 Stainless Steel
Mount: Linear Pendant or Ceiling
Hub Sizes: (2) M20, (2) 1/2" NPT, (1) 3/4" NPT

Ratings/Approvals

Suitable for Wet Locations
NSF Approved/Certified
NEMA 4X
IP66/IP67 Waterproof
Vapor Proof
20 kA/10 kV Surge Protection
Food Safe
External Ground

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics VPL-32-45W-ITG-LED Harsh Location LED Light is designed for use in industrial food handling facilities and wet/harsh

locations. This 45-watt unit operates on 120-277V AC and offers an extensive lifespan of 50,000+ hours. The NSF approved, food safe fixture offers standard supplementary 20 kA/10 kV surge protection. For withstanding rough environments, this LED light is vapor proof, IP66/IP67 waterproof and housed in a NEMA 4X enclosure.

The VPL-32-45W-ITG-LED is an ideal addition to industrial lighting systems in food handling facilities and harsh locations. This NSF approved unit operates on 120-277V AC while consuming 45 watts. During operation, the LED luminary emits a white beam of 5,054 lumens with a color temperature rating of 5,000K. This lamp comes with standard supplementary 20 kA /10 kV surge protection and, for increased clarity during operation, features a diffused, impact resistant polycarbonate lens.

The housing, mounting feet and access plate on the VPL-32-45W-ITG-LED is constructed of durable copper-free aluminum with a clear anodized finish for superior corrosion protection. All external hardware components are made out of 316 stainless steel. For added durability in marine and wet locations, the LED fixture is both vapor proof and IP66/IP67 waterproof. This lamp may also be used in outdoor locations, as the enclosure is NEMA 4X rated.

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.

Mounting/Installation: The VPL-32-45W-ITG-LED is compatible with linear pendant and ceiling mounts. For seamless installation, the following entries can be found on each side of the unit: (2) M20, (2) 1/2" NPT and (1) 3/4" NPT. End caps are also available for convenience during installation.

Applications: Food processing plants, food handling operations, splash/non-food zones, wet locations, harsh locations, marine facilities, outdoor sites, food storage buildings, corrosive environments/work areas and more.

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.

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 LEED 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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Product ID: 147384

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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- HigResPic2
- HigResPic3
- HigResPic4
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- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map