Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

GAUP-24-2L-LED-SS

28W Weatherproof LED Light - 120-277V AC, 3500 lms - SS Mounting Bracket/Clips, Vapor Proof

Product ID: 283953

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.

GAUP-24-2L-LED-SS Weatherproof LED Offshore Light
Dimensions: L- 25.88" x W - 7.21" x H - 5.43"
Weight: 8 Lbs
Voltage: Universal 120-277V AC 50/60 Hz or 12-24V AC/DC
Total Watts: 28W
Single-lamp Watts: 14W
Total Lumens: 3,500 lms
Single-lamp Lumens: 1,750 lms
Luminous Efficacy: 125 Lumens per Watt
Lamp Life Expectancy: 50,000 Hours
Color Temp: 5600K, 5000K, 4500K, 4000K, 3500K, 3000K, or 2700K
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 150°
Lighting Configuration: Flood Pattern
Power Efficiency: -

Power Factor: -

Amps: 0.24A @ 120V, 0.14A @ 208V, 0.12A @ 240V, 0.1A @ 277V
Operating Temperature Range: -30°C to +85°C
Minimum Operating Temp: -30°C

Maximum Case Temp: 90°C

Materials: Polyester Housing Reinforced w/ Glass Fiber, Acrylic Diffuser

Mounting: Flange Type Surface Mount or Pendant Mount - Stainless Steel Mounting Bracket and Clips

Ratings
NRTL Listed for United States and Canada
NRTL Certified to UL 1598A
Vapor Proof
Weatherproof
ABS Approved
Approved for Offshore and Saltwater Applications
Approved for Marine Use

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

Wiring Hub: 1/2" or 3/4" Threaded

E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics GAUP-24-2L-LED-SS Weatherproof LED Light Fixture is specifically designed to handle the rigors of wet and corrosive marine environments. This vapor proof LED light operates on universal 120-277V AC and generates 3,500 lumens during use. The ABS approved LED fixture is ideal for applications such as oil rigs, ships, offshore and saltwater locations.

This two-foot long, two-lamp LED fixture is ideal for operators seeking a top quality marine-approved light that will reduce operating costs, improve lighting quality and reduce downtime incurred from frequent servicing intervals. The GAUP-24-2L-LED-SS vapor proof LED light fixture is designed for use in wet areas and saltwater-marine environments where corrosion resistance is critical to equipment longevity and safety. This weatherproof fixture is constructed of non-corrosive materials including a polyester housing reinforced with glass fiber, a poured in gasket for reliable sealing and an impact resistant acrylic diffuser. Eight corrosion resistant stainless steel latches secure the lamp cover to the housing and provide a firm lock against the poured in seal to prevent drips and water intrusion.

We now offer our second generation LED tube lamps with this fixture which have increased this vapor proof light's performance. This two-lamp LED linear fixture is lighter in weight and produces more light than fluorescent fixtures. The two-foot long LED tube design bulbs included with this unit are rated at 50,000 hours of service life, which is over twice as long as standard T8 bulbs.

We have eliminated the ballast box normally associated with fluorescent fixtures which reduces overall weight and creates a slimmer unit profile. There is no ballast in this unit and the included LED lamps have a 50,000+ hour service life, both of which result in extreme efficiency and greatly reduced maintenance costs. The solid state design of the LED lamps give this fixture superior resistance to damage from vibration, extremes in temperature and a lamp service life over twice that of standard fluorescent bulbs.

Unlike the glass tube design of traditional fluorescent lamps, these LED T-Style lamps have no filaments or fragile housings to break during operation. Instead of using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. The LED assembly is mounted to the "tube" constructed from extruded aluminum, with a polycarbonate lens protecting the LEDs. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than fluorescent lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional fluorescent lighting.

The 14-watt LED lamps produce 30% more illumination than standard T8 bulbs while offering lower amp draw and increased reliability. Each lamp produces 1,750 lumens at 125 lumens per watt, for a combined 3,500 total lumen light output. This fixture is universal voltage, not multi-tap, and operates on any voltage from 120V to 277V AC 50/60hz without any modifications. We also make a 12/24V AC/DC version for low voltage applications for AC or DC power.

Energy Consumption Comparison

	T5HO	T8	LED
Wattage	108 watts	64 watts	56 watts
Amp Draw @ 120V AC	0.90 amps	0.54 amps	0.47 amps
Amp Draw @ 220V AC	0.49 amps	0.29 amps	0.25 amps
Amp Draw @ 240V AC	0.45 amps	0.27 amps	0.23 amps
Amp Draw @ 277V AC	0.39 amps	0.24 amps	0.20 amps

Amp Draw @ 12V DC	9 amps	5.34 amps	4.67 amps
Amp Draw @ 24V DC	4.5 amps	2.67 amps	2.34 amps
Lamp Life Expectancy	20,000 hours	24,000 hours	50,000 hours
Color Temperature	5000K / 4100K	4100K	5600K
Operation cost per year (12hs/day @ 12c/kWh)	$56.77	$33.64	$29.43

Mounting Options: Unless otherwise specified, our standard, most popular configuration is the flange mount shown enlarged below. We also offer a pendant mount for those needing to suspend the fixture away from the ceiling surface (i.e. suspend from pipe or conduit). Additional mounting configurations can be customized to meet the requirements on the application. Please contact us for special mounting configurations.

Standard Flange Brackets: Flange type stainless steel mounts attached at each end of the fixture enables it to be simply secured to any surface. The mounts provide some shock absorbency protection while enabling the user to simply mount the fixture with the through-hole taps that protrude on each side of the fixture. The mounting holes are 38.25” on center apart along the top of this weatherproof light. The mounting holes are 7.2” on center across the top of the light.

Standard Suspension Mounting: Pendant mount fixtures hang from the ceiling and are suspended by rigid pipe. Each fixture is equipped with either two 1/2" or 3/4” NPT hubs, one on each end of the fixture. Operators bring rigid pipe down to the threaded mounting hubs. Wiring is fed down through the rigid pipe to one of the NPT hubs and tied in to the fixture’s lead wires, completing the electrical connection. The remaining pendant hub provides support for the opposite end of the fixture.

Suggested Applications: The GAUP-24-2L-LED-SS is designed for marine, wet, damp locations where corrosion resistant lights are required or are already present.

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.

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Frequently Asked Questions (FAQ)







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GAUP-24-2L-LED-SS
Product ID: 283953

Warranty: 60 Months

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:
GAUP-24-2L-LED-SS-Mount-Voltage-Color Temp
Example: GAUP-24-2L-LED-SS-SFC-0.75IN-1227-56K

Mount	
SURFACE 3/4IN	-SFC-0.75IN
SURFACE 1/2IN	-SFC-0.5IN
PENDANT 3/4IN	-PND-0.75IN
PENDANT 1/2IN	-PND-0.5IN

Voltage	
120-277V AC	-1227
12-24V AC/DC	-1224

Color Temp	
5600K	-56K
5000K	-50K
4500K	-45K
4000K	-40K
3500K	-35K
3000K	-30K
2700K	-27K

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map