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ATX-20-SA

Explosion Proof Tank Flashlight - 20 Watt HID Rechargeable - Class 1 Division 1 - Class 2 Division 1

Product ID: 1640

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.

ATX-20-SA

Lamp Type: XENIDE HID Bulb
Dimensions: 11.5 "-L
Watts: 20
HID Life Expectancy: 2500 hours
Lumens: 1200
Lighting Configuration: Spot
Materials: Aluminum Housing

Weight: 1.9lbs.

LUX: At 10 ft: 5,140

LUX: At the lens: 182,000

Charging Unit: 100/240VAC 50/60Hz w/overcharge protection, LED indicator
Lens Temp: 186 f

Head Temp: 90 f

Battery: 2600mAh Lithium Ion Battery

Run-Time: 90 Minutes

Approvals

Class 1, Division 1, Groups A, B, C, D
Class 1, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups E, F, G
IP68 Waterproof to 3 Meters
T4A Temperature Rating
Hazardous Location Classifications

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

Buy American Compliant

The Larson Electronics ATX-20-SA Hazardous Location Approved flashlight

has a Class 1 Division 1 Groups A-D approval and produces a brilliant light beam capable of reaching over 2,000 feet, making it ideal for inspection and work activities where long range is important.

This HID flashlight features a 90 minute run time on a single charge of its waterproof 2600mAh Lithium Ion battery pack. A single 20 watt short arc Xenide HID bulb powered by an internal ballast produces a 1200 lumen beam capable of reaching up to 2,500 feet. This flashlight is IP68 rated waterproof, making it capable of withstanding submersion under pressure without damage. The beam on this light is a 12° spot configuration and is not adjustable. The HID bulb in this unit provides high power and efficiency as well as a 6500k color temperature, producing a powerful beam that is a brilliant white-blue in color. The durable aluminum body has a black anodized coating to provide durable protection for this units` internal electronics and an aesthetically pleasing appearance.

This flashlight has a single push button switch that allows easy one handed operation, which combined with its rugged construction and powerful beam, makes it a competent all around flashlight capable of serving in industrial, commercial, tactical and private applications with equal effectiveness. This HID flashlight includes a hard carrying case, waterproof battery and separate battery charging stand, AC charger (US/International compatible), shoulder strap, and Rubber lens/end cap protector.



Click Photo to Enlarge



Click Photo to Enlarge

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Click Photo to Enlarge

This hazardous location approved flashlight is UL:
Class 1, Division 1, Groups A, B, C, D
Class 1, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups E, F, G

A brief note about High Intensity Discharge (HID) flashlights:

Incandescent flashlights have a bulb with a filament, much like the common household light bulb. A consistent amount of current is fed to the bulb. The filament glows and light and heat are produced. The filament glows because it is a poor conductor of electricity. Eventually the filament breaks due to vibration or diminished capacity. HID flashlights have a globe of gas that contains bounded by electrodes. A spark jumps across the electrodes igniting the gas. Initially, the amount of current required to ignite the gas is higher. Once the gas is lit, much less current is required to keep the gas burning.

A device called a ballast controls the amount of current sent to the bulb. HID

flashlights use about 50% less energy than incandescent bulbs, which means longer battery life than halogen incandescent bulbs. More importantly, HID lights have no filament to break. Thus, the HID bulb life is around 2500 hours, compared to several hundred hours of the filament based incandescent bulb. The HID bulb is more efficient, so it produces much more light with less energy over a long period of time. The trade off, however, is that the ballast that sends current to the bulb is an expensive addition, increasing the cost of the flashlight. The bulb itself is also significantly more expensive than halogen bulbs.)

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Frequently Asked Questions (FAQ)

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ATX-20-SA

Product ID: 1640

Harmonized System (HS) Code: 8512.20.2080
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **SpecSheetArabic**
- **SpecSheetFrench**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**