

HAZARDOUS LOCATION
LIGHTING CATALOG

HAZARDOUS LOCATION LIGHTING CATALOG

2019-20

www.ikioledlighting.com



ikio
LED LIGHTING

Delivering Excellence. Brightening Lives.



www.ikioledlighting.com

Who Are We

IKIO is a leading manufacturer of LED Lighting Solutions with operations in the United States, Canada, Mexico, India, China and UAE. We are uniquely positioned to offer the right solutions and value for your LED lighting requirements with our holistic approach and vertically integrated infrastructure.



Some Interesting Facts



With a proud legacy of over 3 decades, IKIO has come a long way to become one of the leading LED lighting solutions provider in the global market. We here at IKIO, are actively spearheading innovation in the lighting revolution through our consistent focus on R&D and operational excellence. This endeavor of ours has resulted in the development of products that are changing the landscape of the lighting industry and the road map towards energy conservation. With a wide range of products under its umbrella, IKIO has developed a plethora of lighting solutions for Commercial, Industrial, Multi-Family Residential & Hospitality, Horticulture, Hazardous Location & Solar lighting applications. IKIO boasts of a fully integrated manufacturing infrastructure, capable of producing ingenious LED lighting products consistently. Our six manufacturing plants have a combined manufacturing capacity of over 10 million fixtures annually. Our strong belief in 'quality over everything' is demonstrated not only by our quality certifications like ISO 9001, ISO 14000 and ISO 18001 but also by the near zero in-process rejection rate of less than .68%.

What Do We Do

With over 1200 Rebate eligible products, IKIO successfully caters to the Commercial, Industrial, Multi-Family Residential & Hospitality, Horticulture, Hazardous Location & Solar lighting markets. Additionally, a wide range of customizable IKIO products further enhance the range of their applications. Value-engineered at every level, our products are innovative, reliable and cost-effective to deliver only the best to our customers.



A global manufacturer of ingenious LED lighting solutions.

Commercial Lighting

What makes lighting one of the most important aspects of any commercial establishment is the fact that it can have a direct impact on the most crucial dimensions of buying decisions like value, aesthetics, performance and user experience. We understand the growing needs of not just cost optimization and value engineering in commercial applications, but also the importance of performance improvement and an expansion of the scope of applications.



Industrial Lighting

Having an optimum lighting solution for an industrial space is prudent to ensure the safety of workers, enhance work productivity while ensuring efficiency in costs. The varied scope of innovative applications in the industrial sector makes this segment unique. At IKIO, we are always striving to be ahead on the innovation curve, ensuring that you get the right product offering and the right value for all your industrial lighting requirement.



Multi-Family Residential & Hospitality Lighting

Years of research has shown that indoor light and its quality has a significant influence on our mood and our ability to feel relaxed. At home, our lighting efforts aren't just driven by cost effectiveness, but more importantly by the preservation of colors and liveliness.



Horticulture Lighting

The explosive growth in the horticulture industry has upped the requirement of horticulture lights exponentially. LEDs add remarkable advantages in this application with their energy and water savings while actively achieving higher plant growth rates.

Hazardous Location Lighting

Industrial areas with harsh and hazardous environments potentially contain explosive gases and vapors which calls for a special form of lighting. One, that reduces the risk of explosions in these areas by containing any spark within its housing. Explosion-proof lights also called Hazard Location lighting, ensure the safety of not just the workers, but also businesses.

Solar Lighting

The outstanding efficiency of LED lights make them perfect for solar lighting applications. These lights are virtually free of operational energy costs as they derive their electricity from cells powered by the sun. Another interesting aspect of these lights are the sensors and remote controls that come on board, making them easier to operate.

Lorem ipsum

We Are Different

Innovation Through Collaboration, Delivery With Integrity.

These are the values that keep us engaged with the industry developments and meet your expectations consistently.

Collaboration



Collaboration with all stakeholders to stay in touch with market gaps, industry feedbacks and global trends.

Innovation



Consistent, continuous and sustainable innovation.

Honesty



Absolute dedication towards honesty, transparency and integrity.



Right Product. Unbeatable Value. Maximum Innovation.

Every single product under IKIO's umbrella is brought to you after years of research, fine tuning, value engineering, impeccable series of performance testing and a plethora of qualifications and certifications.

Faster Payback

Exceptional Efficacy Through Innovation.



Long Life

Commitment of Quality, Durability and Reliability.

Industry Leading Warranty

5, 7 and 10 Year Warranty With Options To Extend To 20 Years.



Highly Value Engineered

Great Value With Uncompromising Performance.

Research & Design in the USA

All Products Proudly Researched And Designed In The USA.



Certified for Quality

Products With Major Quality Certifications That Are Eligible For Rebates.



Our Manufacturing

IKIO boasts of six world-class manufacturing and R&D facilities across the US, India and China. These state-of-the-art facilities are not just equipped with sophisticated machinery, but also run by highly qualified professionals who manage processes in accordance with international standards.





IKIO Corporate Office

Indianapolis, Indiana, USA



IKIO Noida Plant

Noida, Uttar Pradesh, INDIA



IKIO Haridwar Plant 1

Haridwar, Uttarakhand, INDIA



IKIO Haridwar Plant 2

Haridwar, Uttarakhand, INDIA



IKIO Dongguan Plant

Dongguan, China

- Annual manufacturing capacity of over 10 million fixtures.
- 6 Manufacturing plants with a combined area of over 2.5 million sqft.
- Development of comprehensive energy-saving solutions using lean systems.
- Continuous and consistent focus on R&D with the help of a world-class team of engineers.
- Vertically integrated manufacturing setup with in-house automated powder coating and injection molding facilities.
- In-process rejection rate < 0.68%.
- Major quality certifications like ISO 9001, 14000 & 18001, and OHSAS.
- Stringent and no-compromise quality testing and analysis using spectrometer, goniophotometer, thermal chambers, LCR meter, isolation tester, etc.

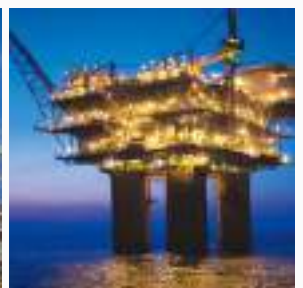
Exceptional Armor for Extreme Environments

Explosion Proof Lighting is an intrinsic part of any business that operates in classified and hazardous environments. These harsh and hazardous environments potentially contain explosive gases and vapors which increase the risks from explosions which may occur if proper precautions aren't in place. Explosion Proof lights also called Hazard Location lighting, is designed for use in areas where explosive and flammable gases such as hydrogen, methane, propane, and other hydrocarbons are present. Working in confined spaces or areas exposed to such environments can be very dangerous and hence this kind of lighting is imperative for such locations for the safety of workers and businesses.

IKIO's Hazardous Location Lights are designed with a safe housing material, usually, copper-free aluminum, to isolate potential spark triggers. They also come with extremely durable lenses that can withstand harsh working conditions and prevent cracks from developing. With its high-efficiency and low operating costs, they are one of a kind fixtures that make businesses not just safe from accidents but safe from unnecessary expenses on maintenance and energy costs.

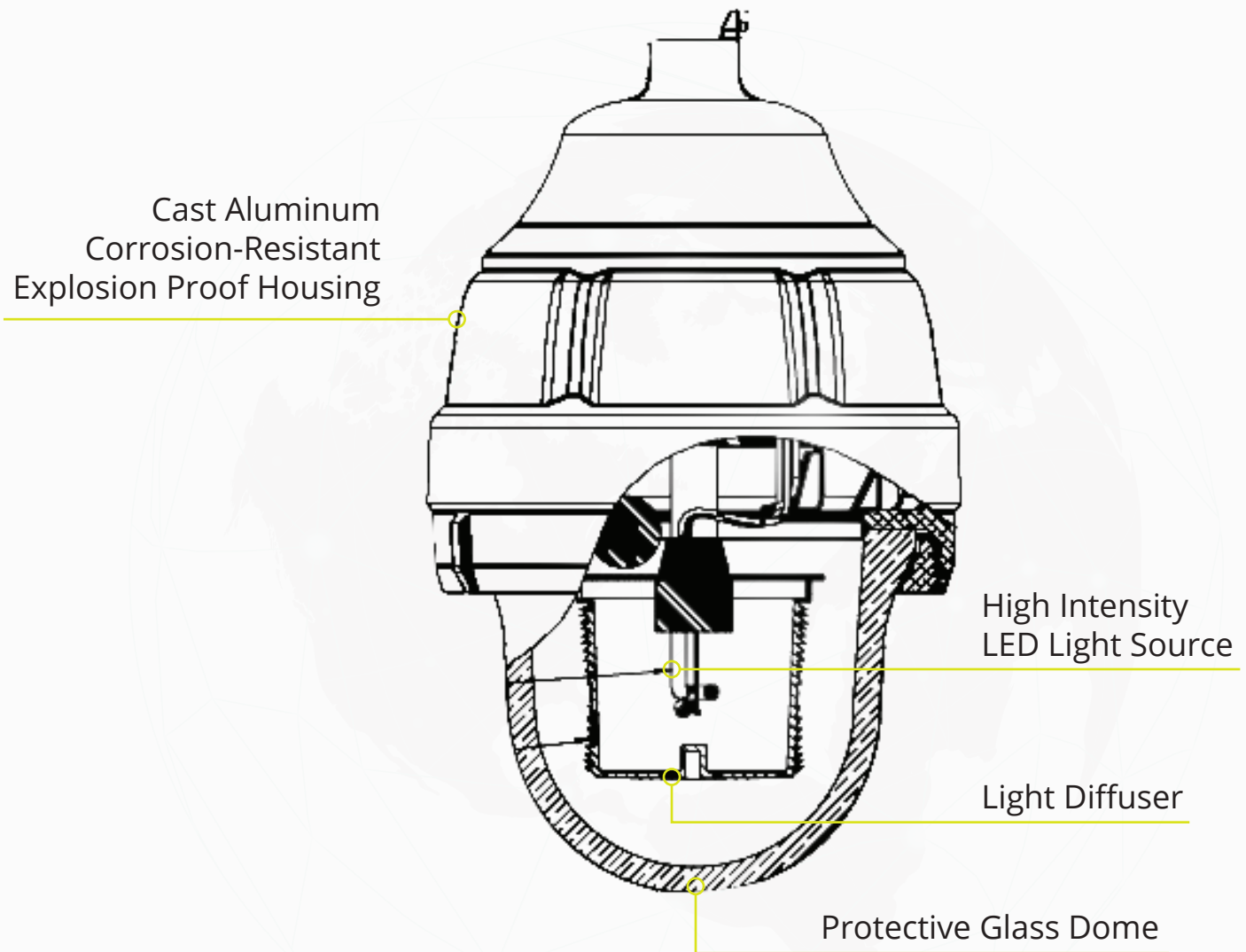
Major Applications

- Petrochemical Industries.
- Marine Environments.
- Power Plants.
- Airport Hangers.
- Military Bases.
- Mining.
- Oil & Gas.
- Laboratories.



Built to Endure

Standard lighting falls short of overcoming the unique challenges in confined spaces like tanks, vents, pipes, sewers, tank cars and manholes. These luminaires run the risk of causing explosions by igniting combustible gas and vapor particles that can start an explosive chain reaction or fire. Particularly oil and gas and petrochemical industries are prone to such accidents when using regular duty lighting as its switches and relays can easily spark during its operation. It is in environments like these, Explosion Proof lights come to the rescue. These lights are designed with a safe housing material, copper-free aluminum with powdered epoxy finishes, to isolate potential spark triggers.



A typical section of an Explosion Proof Jelly Jar Light

They also come with extremely durable lenses, protective components of tempered glass and corrosion-resistant stainless steel with heat sink technology to dissipate thermal build-up and withstand harsh working conditions. This prevents them from developing cracks even in the most intense environments. To sum it up, Explosion Proof LED Lights are one of a kind fixtures that adds a significant level of safety and savings to businesses in their lighting applications.



Why are they unique?

1. Explosion Proof Design

Standard light fixtures are usually composed of a design that exposes the bulb, contacts, wiring, and switches to the atmosphere. Hence, spark from a loose contact or movement of the switch or even the heat from the bulb is enough to ignite a flammable environment. But, in the case of Explosion Proof lights, the components are encased to prevent potential sparks or flames from escaping the internal housing.

2. Durable & Tough

Given the rugged build of the Explosion Proof light fixtures with sturdier materials, they offer a high degree of durability in comparison to standard light fixtures, as they can withstand harsher working environments. This makes them a better option for operators as it will not be as easily damaged like standard light fixtures and would reduce maintenance and refurbishing costs.

3. Allows Greater Mobility

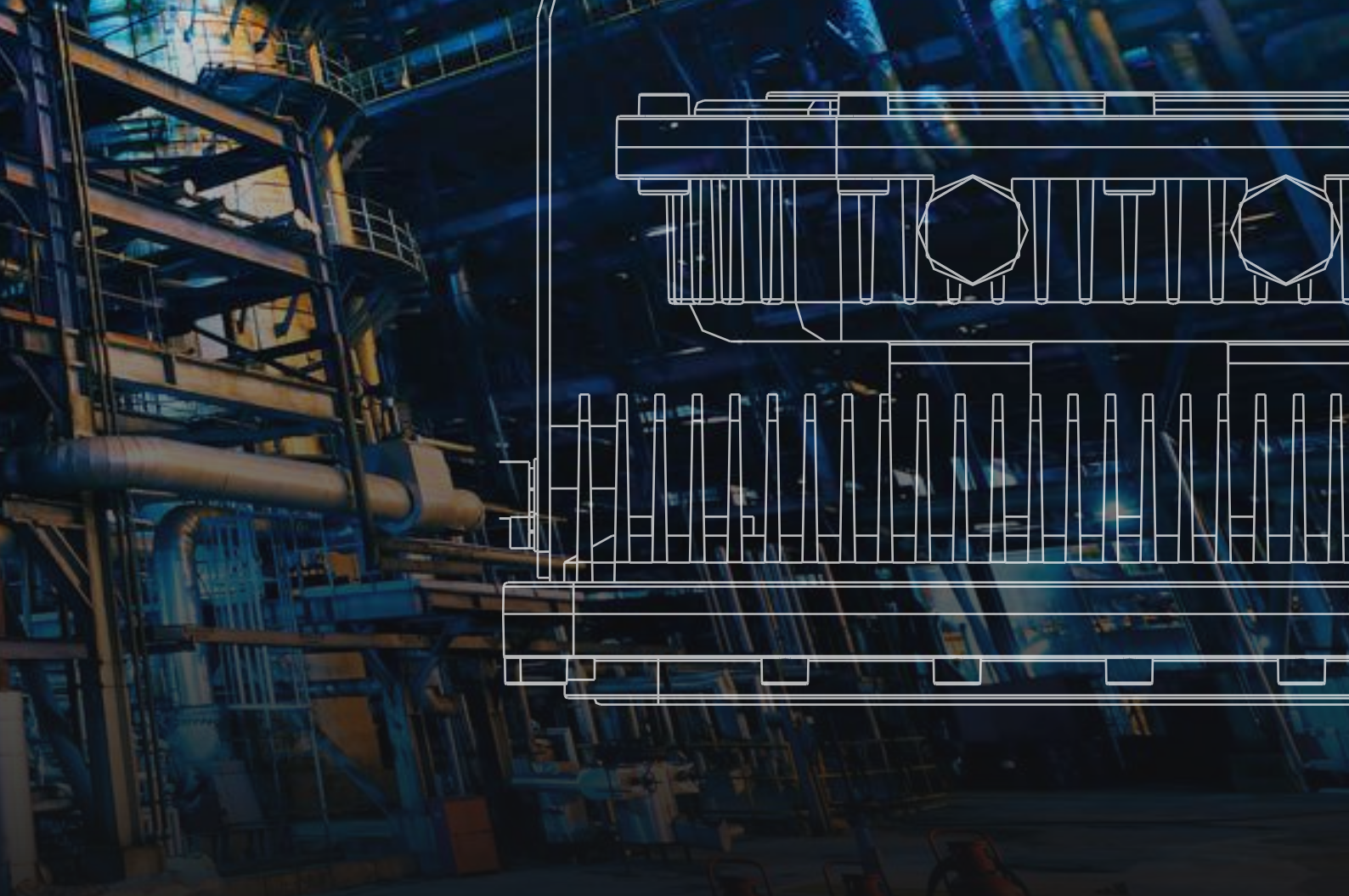
Explosion Proof LED lights are built with a strong frame and thicker tempered glass lenses, making them highly resistant to vibrations. This durable design allows the transportation of these lights from one place to another by forklifts or other machines without the risk of damage or malfunction, thus making them more portable. This feature makes it an ideal choice for operators who require mobile illumination.

4. High Efficiency

Explosion Proof LED lights are extremely energy efficient. They use more than 90% of the energy to produce light and have near-zero heat or conversion loss to account for, which means that they use a lot less power to function. Organizations save on-site energy from portable generators and other in-situ sources, providing more sustainable and profitable operations. In other words, you'll save money running Explosion Proof LEDs for the same or better light output your current Explosion Proof lamps give you.

5. Flexible Options

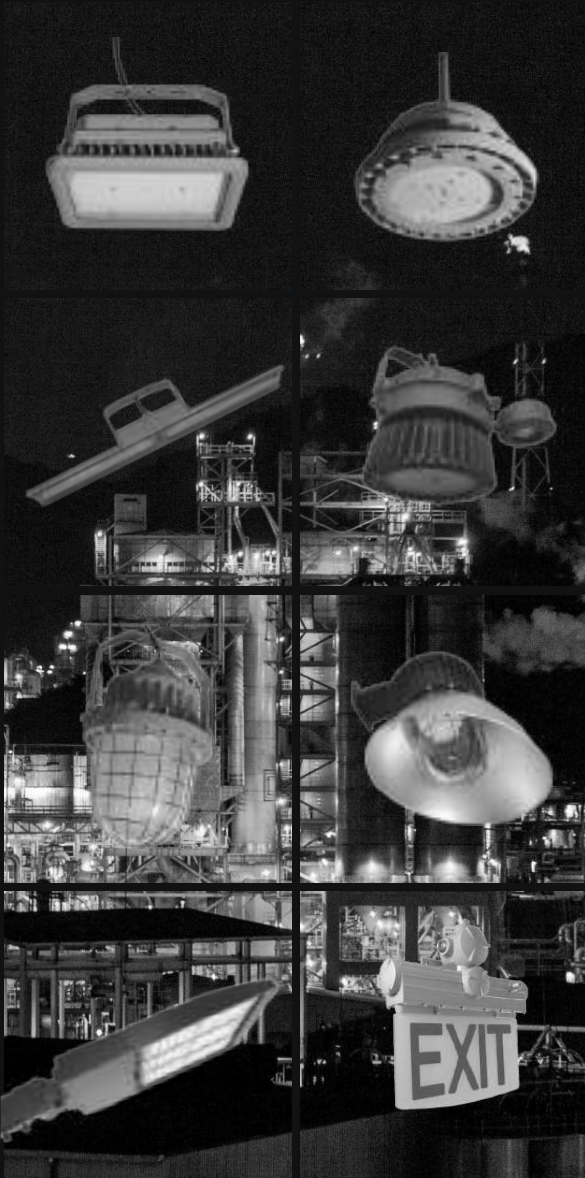
Modern Explosion Proof LED lights are offered in modular designs and multiple mounting options to allow multitudes of options in their application. They allow light outputs to be easily increased or lowered to match required light levels or adapt to existing access points, all while saving energy and money.



The LED Advantage

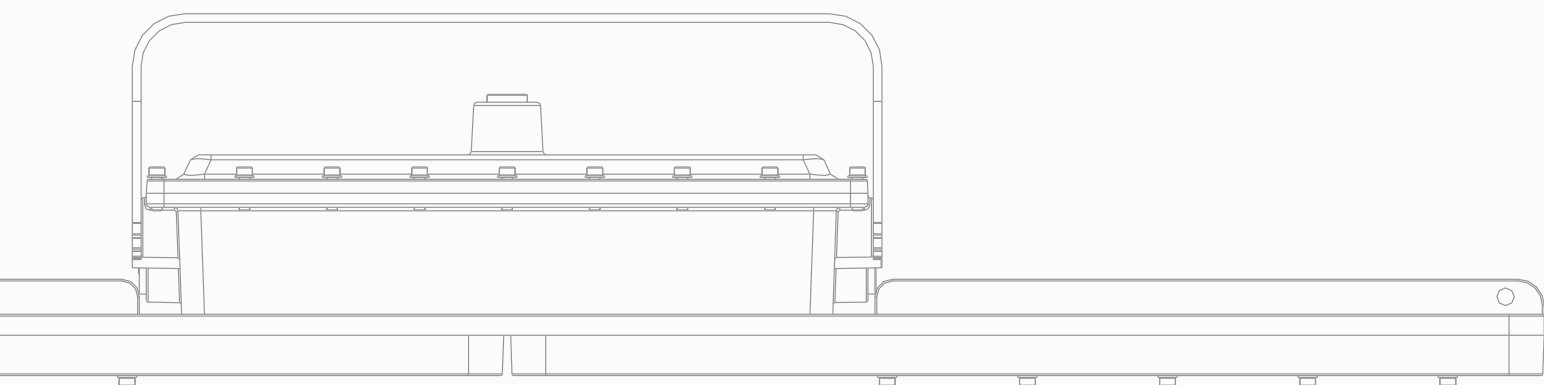
Explosion Proof LED Lights have become a strong competitor to traditional fluorescent and HID counterparts, with their high efficiency and low operating costs. Companies in the oil and gas industry and the petrochemical industry are most likely to choose LED-based solutions because they offer higher quality and greater safety, moreover they are also very cost-effective to maintain. Explosion Proof LED lighting might be the only choice in the future as mercury-vapor lighting is being banned by governments worldwide.

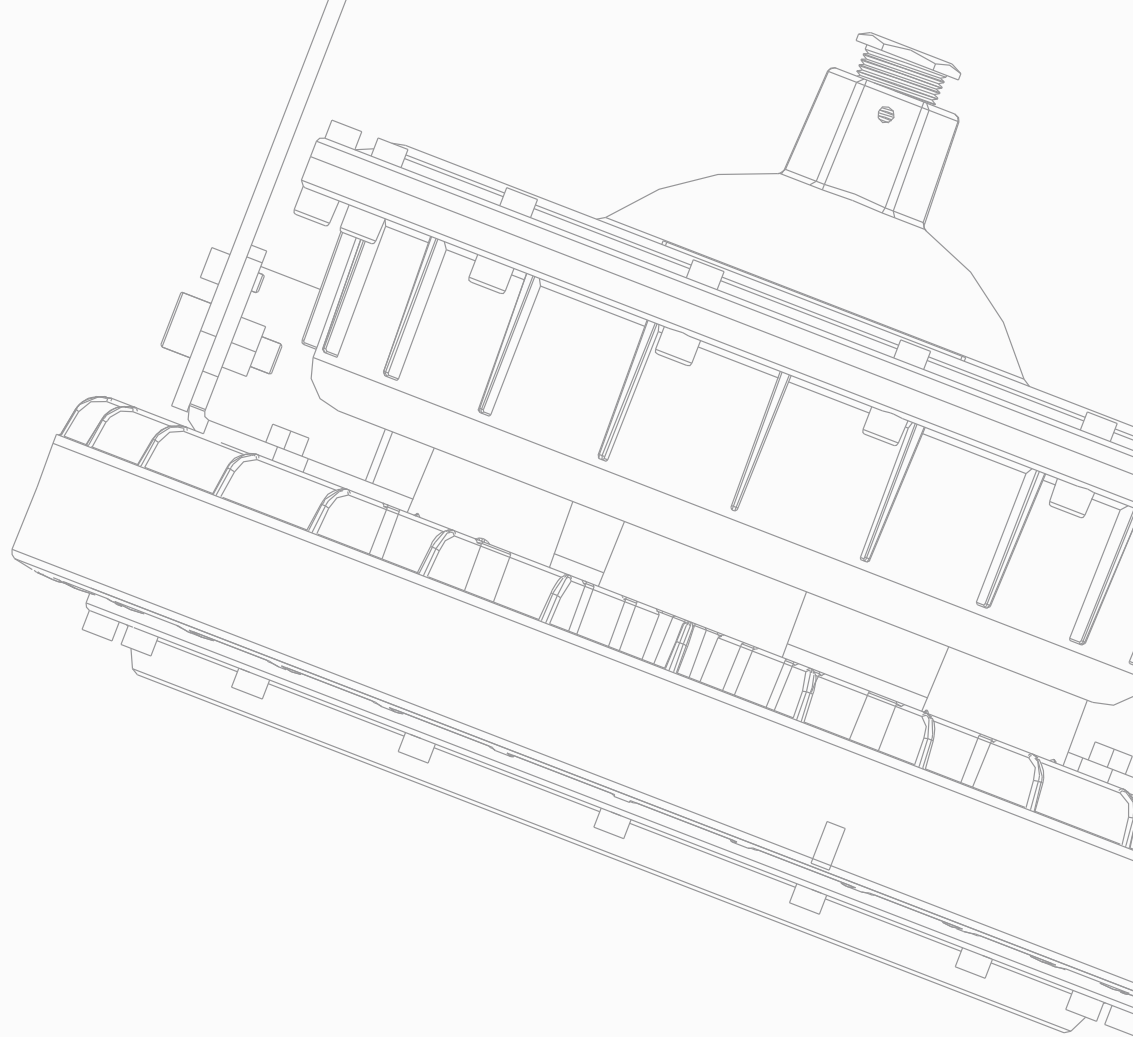
The latest trend in the oil and gas industry shows a huge demand for LED Explosion Proof high bays, low bays and floodlights. This trend is primarily being seen in the cold weather climates of the Canadian Oil Sands projects and the Oil fields of Wyoming and Utah areas. These lights work really well in -15 degree Celcius temperature and are much more responsive than the fluorescents or metal halides counterparts.



Contents

LED HIGH BAYS	18 – 25
LED LOW BAYS	28 – 30
LED AREA LIGHTS	34 – 37
LED JELLY JAR LIGHTS	40 – 42
LED EXIT SIGNS	44 – 45
BEACON ALARMS	47 – 48
TROUBLE WORK LIGHT	49 – 50





LED High Bays

- | UFO High Bays
- | Linear High Bays






Forza

Explosion Proof UFO High Bay

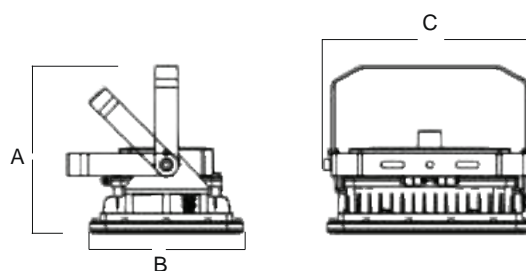
The Forza Explosion Proof UFO High Bay is rated and certified for use in all types of hazardous applications. This series is designed for pole, suspended, wall or yoke mounting with optic options for task or general area illumination. Its shell is made of copper-free aluminum-alloy by die casting, and the surface is sprayed with plastic. This luminaire comes with 5 years of warranty and can be used as floodlight, wall pack or area light to provide general illumination in hazardous locations.



Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V or AC 200 - 480 V
	70+
	4000 K, 5000 K, 5700 K

Product Dimensions



Series	A(in)	B(in)	C(in)
Forza 1	12.60	9.40	6.50
Forza 2	10.40	6.30	8.08
Forza 3	15.00	9.10	10.60

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Forza 2	20 W	2800 lm	Optional
Forza 2	40 W	5600 lm	Optional
Forza 2	60 W	8400 lm	Optional
Forza 1	80 W	11200 lm	Optional
Forza 1	100 W	14000 lm	Optional
Forza 3	120 W	16800 lm	Optional
Forza 3	150 W	21000 lm	Optional
Forza 3	200 W	28000 lm	Optional






Vigor

Explosion Proof UFO High Bay

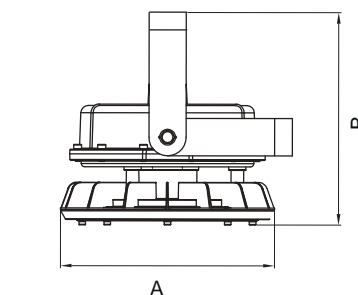
The Vigor Explosion Proof UFO High Bay fixture is designed for use in hazardous facilities and provides its operators with a powerful & efficient alternative to traditional hazardous location luminaries. Its compact design makes this fixture an excellent replacement / upgrade option for bulky & high maintenance fixtures. The copper-free aluminum-alloy body is sprayed with plastic for added durability. Special heat dissipating design in conjunction with anti-vibration technology ensures high lifespan with maximum lumen retention. This fixture utilizes a premium Mean Well driver & SMT LED chipset to achieve high efficacies.



Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V or AC 200 - 480 V
	70+
	4000 K, 5000 K, 5700 K

Product Dimensions



Series	A(in)	B(in)
Vigor 1	10.60	6.50
Vigor 2	9.20	9.00
Vigor 3	14.60	11.40

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Vigor 2	20 W	2800 lm	Optional
Vigor 2	40 W	5600 lm	Optional
Vigor 1	60 W	8400 lm	Optional
Vigor 1	80 W	11200 lm	Optional
Vigor 3	100 W	14000 lm	Optional
Vigor 3	120 W	16800 lm	Optional
Vigor 3	150 W	21000 lm	Optional
Vigor 3	200 W	28000 lm	Optional

Exoplus

Explosion Proof UFO High Bay

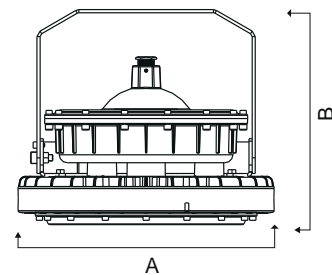
The Exoplus Explosion Proof High Bay is a family of circular fixtures with a lumen output range of 8400 - 33600 lm. Suited for use in most Class I, II and III rated hazardous facilities, they are available in six mounting options. The fixtures feature a copper-free aluminum-alloy body and utilize a premium Meanwell Driver & SMT LED chipset to achieve high efficacies.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V or AC 200 - 480 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

Product Dimensions



Wattage	A(in)	B(in)
60 W - 240 W	16.00	12.70

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Exoplus	60 W	8400 lm	Optional
Exoplus	80 W	11200 lm	Optional
Exoplus	100 W	14000 lm	Optional
Exoplus	120 W	16800 lm	Optional
Exoplus	150 W	21000 lm	Optional
Exoplus	180 W	25200 lm	Optional
Exoplus	200 W	28000 lm	Optional
Exoplus	220 W	30800 lm	Optional
Exoplus	240 W	33600 lm	Optional






Dominus

Explosion Proof UFO High Bay

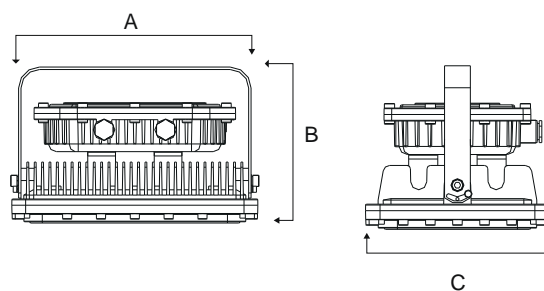
The Dominus Explosion Proof High Bay is a family of rectangular fixtures with a lumen output range of 8400 - 30800 lm. They are designed to provide its operators with a powerful & efficient alternative to traditional hazardous location luminaires. With a special heat dissipating design in conjunction with anti-vibration technology, they ensure a high lifespan with maximum lumen retention.



Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V or AC 200 - 480 V
	70+
	4000 K, 5000 K, 5700 K

Product Dimensions



Wattage	A(in)	B(in)	C(in)
60 W - 220 W	15.70	11.30	10.00

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Dominus	60 W	8400 lm	Optional
Dominus	80 W	11200 lm	Optional
Dominus	100 W	14000 lm	Optional
Dominus	120 W	16800 lm	Optional
Dominus	150 W	21000 lm	Optional
Dominus	180 W	25200 lm	Optional
Dominus	200 W	28000 lm	Optional
Dominus	220 W	30800 lm	Optional

Kraun

Explosion Proof UFO High Bay

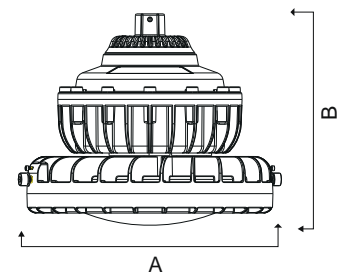
The Kraun Explosion Proof High Bay fixture is a family of circular fixtures with a lumen output range of 5600 - 21000 lm. A powerful & efficient alternative to traditional hazardous location luminaries, they feature a premium Meanwell Driver & SMT LED chipset to achieve high efficacies. Their compact design makes them an excellent replacement upgrade option for bulky & high maintenance fixtures.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 90 - 295 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

Product Dimensions



Wattage	A(in)	B(in)
40 W - 150 W	16.00	12.70

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Kraun	40 W	5600 lm	Optional
Kraun	60 W	8400 lm	Optional
Kraun	80 W	11200 lm	Optional
Kraun	100 W	14000 lm	Optional
Kraun	120 W	16800 lm	Optional
Kraun	130 W	18200 lm	Optional
Kraun	140 W	19600 lm	Optional
Kraun	150 W	21000 lm	Optional






Enzo

Explosion Proof UFO High Bay

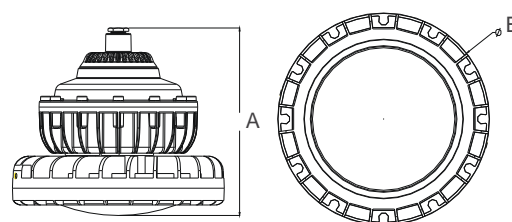
The IKIO Enzo Explosion Proof UFO High Bay has a special heat dissipating design comprising of a copper-free aluminum-alloy body. Its unique light distribution design offers no glare, removing a major cause of eye fatigue in workers.



Product Features

	130 lm/W
	50,000 Hours
	AC 100 - 277 V 50/60 Hz
	70+
	4000 K, 5000 K, 5700 K

Product Dimensions



Wattage	A(in)	B(in)
80 W - 240 W	12.32	13.93

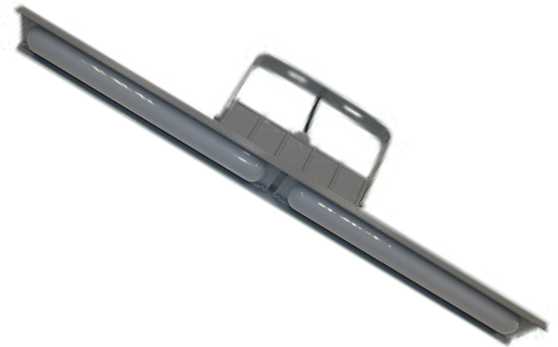
Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Enzo	80 W	10400 lm	Optional
Enzo	100 W	13000 lm	Optional
Enzo	120 W	15600 lm	Optional
Enzo	150 W	19500 lm	Optional
Enzo	200 W	27600 lm	Optional
Enzo	240 W	31200 lm	Optional

Victoris

Explosion Proof Linear High Bay

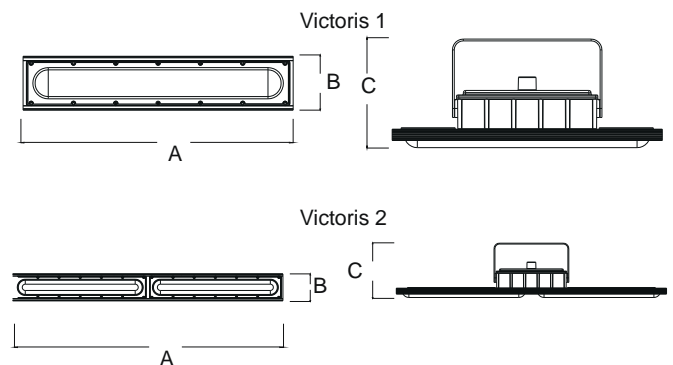
The Victoris Explosion Proof Linear High Bay is a family of linear fixtures with a lumen output range of 1400 - 8400 lm. Designed to provide their operators with a powerful & efficient alternative to traditional hazardous location luminaries, they come in two mounting options and feature a powder-coated copper-free aluminum-alloy body for durability. Their slim profile and a premium Meanwell Driver & SMT LED chipset make them a high-performance fixture.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V or AC 200 - 480 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

Product Dimensions



Series	A(in)	B(in)	C(in)
Victoris 1	24.00	5.50	5.50
Victoris 2	47.00	5.50	5.50

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Victoris 1	10 W	1400 lm	Optional
Victoris 1	15 W	2100 lm	Optional
Victoris 1	20 W	2800 lm	Optional
Victoris 1	25 W	3500 lm	Optional
Victoris 1	30 W	4200 lm	Optional
Victoris 2	30 W	4200 lm	Optional
Victoris 2	35 W	4900 lm	Optional
Victoris 2	40 W	5600 lm	Optional
Victoris 2	45 W	6300 lm	Optional
Victoris 2	50 W	7000 lm	Optional
Victoris 2	55 W	7700 lm	Optional
Victoris 2	60 W	8400 lm	Optional






Ergo

Explosion Proof Linear High Bay

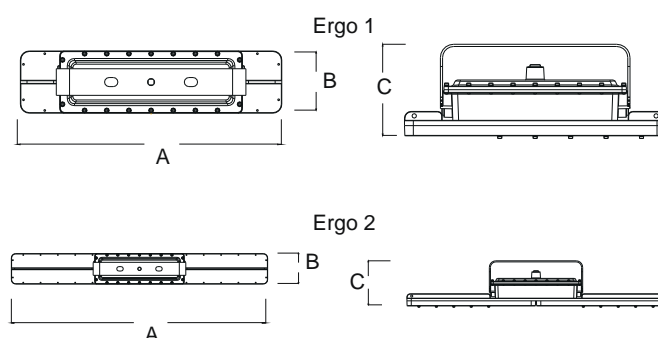
The Ergo Explosion Proof Linear High Bay is a family of linear fixtures with a lumen output range of 4200 - 16800 lm. Engineered to provide their operators with a powerful and efficient lighting, they are operable in most Class I, II and III rated hazardous environments. They come in five mounting options and feature a powder-coated copper-free aluminum-alloy body for durability.



Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V or AC 200 - 480 V
	70+
	4000 K, 5000 K, 5700 K

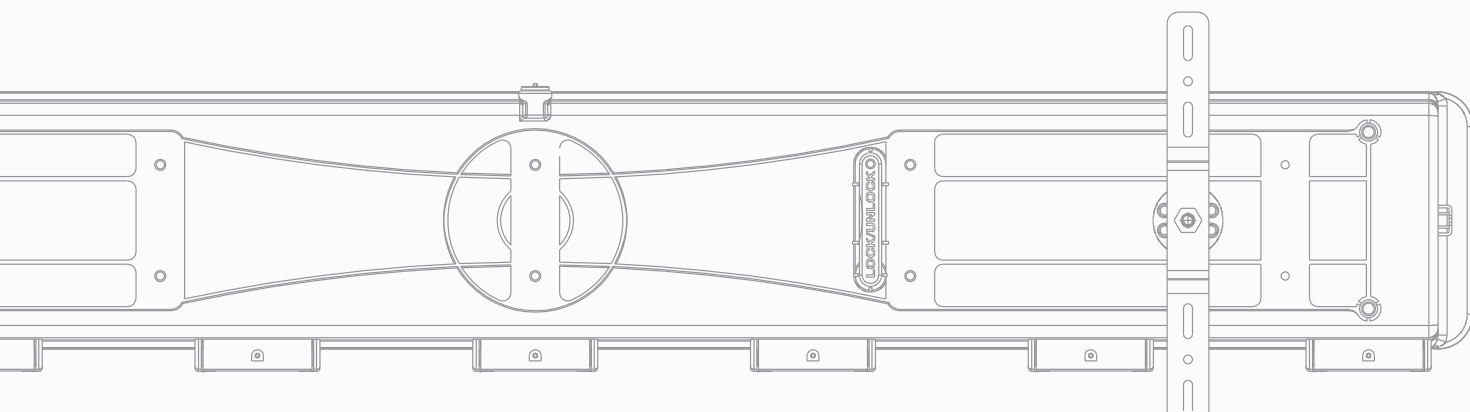
Product Dimensions

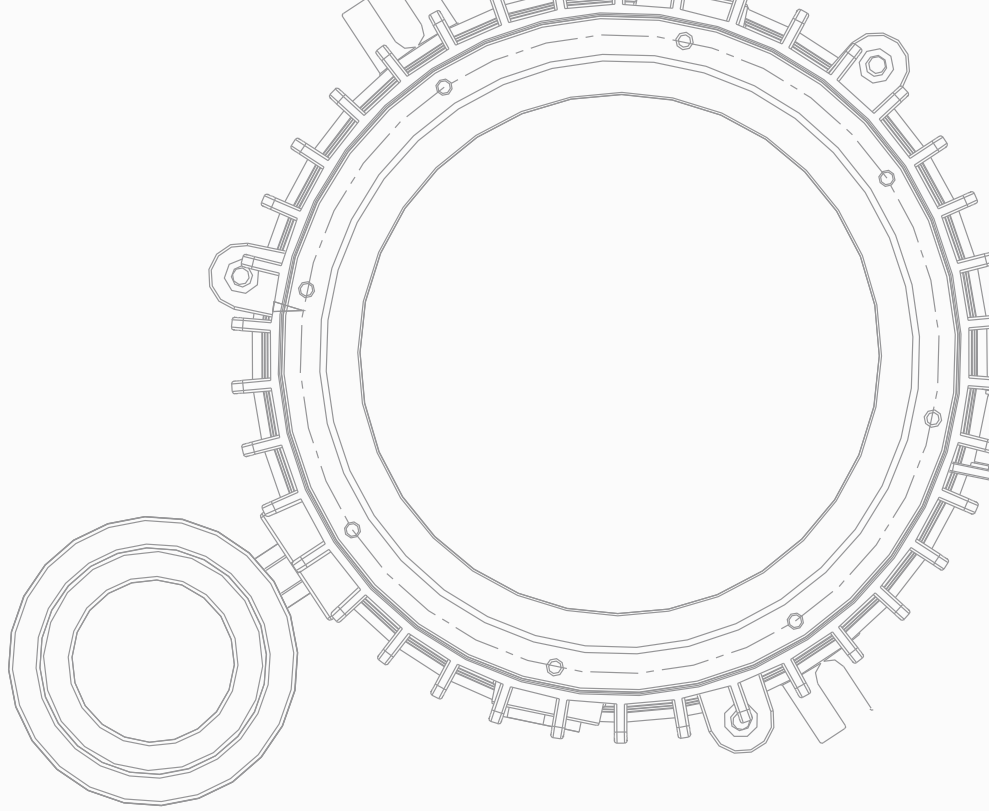


Series	A(in)	B(in)	C(in)
Ergo 1	24.00	5.50	8.10
Ergo 2	47.00	5.50	8.10

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Ergo 1	30 W	4200 lm	Optional
Ergo 1	40 W	5600 lm	Optional
Ergo 1	50 W	7000 lm	Optional
Ergo 1	60 W	8400 lm	Optional
Ergo 2	60 W	8400 lm	Optional
Ergo 2	70 W	9800 lm	Optional
Ergo 2	80 W	11200 lm	Optional
Ergo 2	90 W	12600 lm	Optional
Ergo 2	100 W	14000 lm	Optional
Ergo 2	110 W	15400 lm	Optional
Ergo 2	120 W	16800 lm	Optional





LED Low Bays

| UFO Low Bays

| Linear Low Bays

Montar

Explosion Proof UFO Low Bay

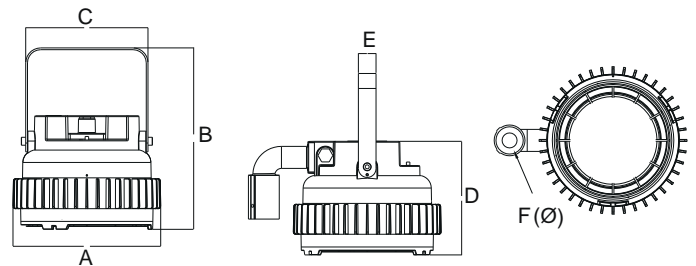
The Montar Explosion Proof Low Bay Light is a family of fixtures with a lumen output range of 2800 - 28000 lm. They can be used in 25° - 90° lamp post mounting, ceiling bracket mounting, pole mounting configurations for flexibility in multiple applications. With a special anti-vibration technology and a premium Meanwell Driver & SMT LED chipset, they ensure a long-lasting and reliable illumination.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V or AC 200 - 480 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

Product Dimensions



Series	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)
Montar 1	12.13	15.00	10.94	10.16	1.57	2.44
Montar 2	13.22	16.22	10.94	10.16	1.57	2.44

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Montar 1	20 W	2800 lm	Optional
Montar 1	40 W	5600 lm	Optional
Montar 1	60 W	8400 lm	Optional
Montar 1	80 W	11200 lm	Optional
Montar 2	100 W	14000 lm	Optional
Montar 2	150 W	21000 lm	Optional
Montar 2	200 W	28000 lm	Optional

Volta

Explosion Proof UFO Low Bay

The Volta Explosion Proof Low Bay Light is a family of fixtures with a lumen output range of 2800 - 28000 lm. They feature a special heat dissipating design, which is incorporated in their compact profile. Designed for use in most class I, II and III rated hazardous facilities, their compact design makes them an excellent upgrade option for bulky & high maintenance fixtures. They utilize a premium Meanwell Driver & SMT LED chipset to achieve high efficacies.



Year
Warranty

Product Features



140 lm/W



50,000 Hours



AC 100 - 277 V or AC 200 - 480 V

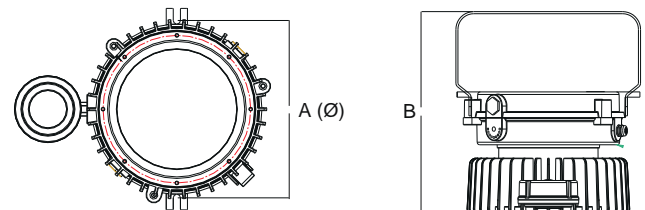


70+



4000 K, 5000 K, 5700 K

Product Dimensions



Series	A(in)	B(in)
Volta 1	10.51	11.06
Volta 2	13.78	15.01

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Volta 1	20 W	2800 lm	Optional
Volta 1	40 W	5600 lm	Optional
Volta 1	60 W	8400 lm	Optional
Volta 1	80 W	11200 lm	Optional
Volta 2	100 W	14000 lm	Optional
Volta 2	150 W	21000 lm	Optional
Volta 2	200 W	28000 lm	Optional

Tronco

Explosion Proof Linear Low Bay

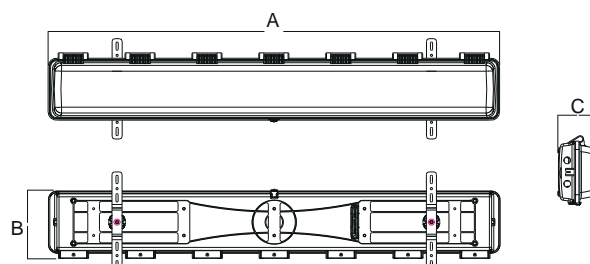
The Tronco Explosion Proof Linear Low Bay Light is a family of linear fixtures with a lumen output range of 2800 - 10800 lm. They are designed to provide their operators with a sleek, powerful & efficient hazardous location luminaire meant for most Class I, II and III rated environments. Their premium Meanwell Driver & SMT LED chipset ensures high efficacies.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V or AC 200 - 480 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

Product Dimensions

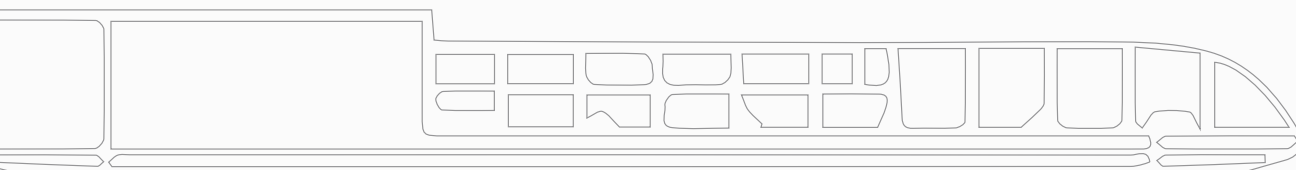


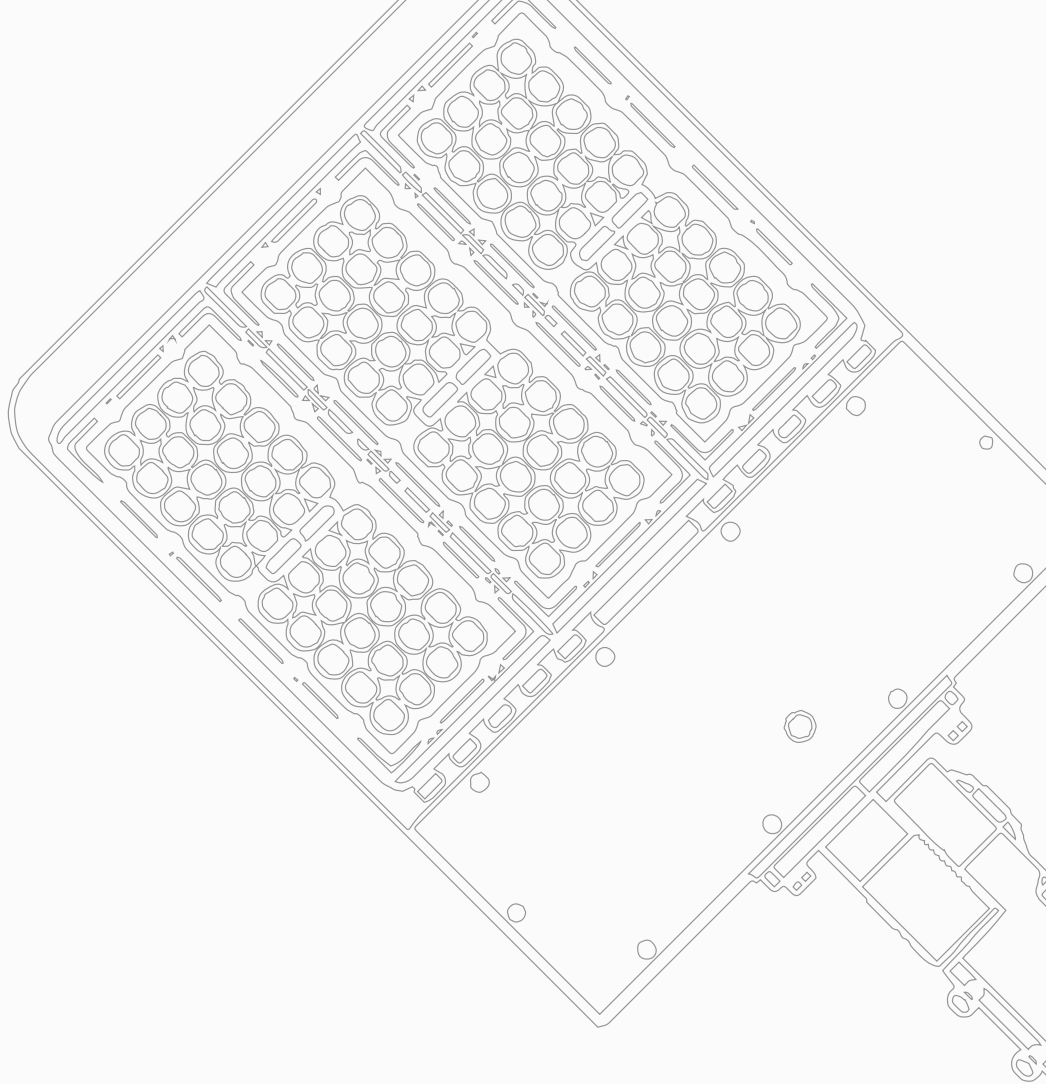
Series	A(in)	B(in)	C(in)
Tronco 1	29.53	7.90	4.74
Tronco 2	41.34	7.90	4.74
Tronco 3	53.15	7.90	4.74

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Tronco 1	20 W	2800 lm	No
Tronco 1	40 W	5600 lm	No
Tronco 2	50 W	7000 lm	No
Tronco 2	60 W	8400 lm	No
Tronco 3	50 W	7000 lm	No
Tronco 3	60 W	8400 lm	No
Tronco 3	72 W	10800 lm	No







LED Area Lights






Trabuco

Explosion Proof Area Light

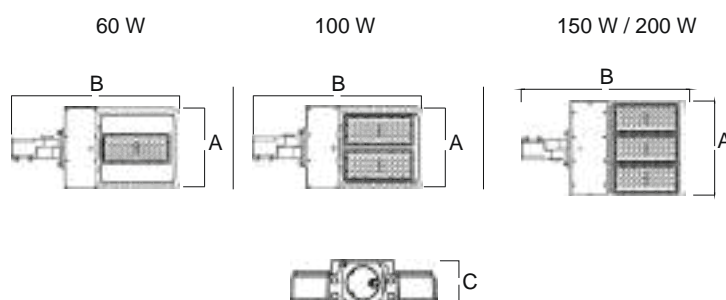
The Trabuco Explosion Proof Area Light is a family of explosion-proof LED area lights with a lumen output range of 8400 – 28000 lm. Designed for installation in Class I, II and III hazardous environments, their innovative design provides high energy efficiency, superior lighting quality, and a longer operating life. Manufactured in accordance with the European Directive (ATEX) and IECEx standards, they are designed for general outdoor illumination duties at medium and high suspension heights. They also offer a high color rendition index compared to high-pressure sodium lamps.



Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V
	70+
	4000 K, 5000 K

Product Dimensions



Wattage	A(in)	B(in)	C(in)
60 W / 100 W	11.60	23.80	3.30
150 W / 200 W	14.20	23.80	3.30

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Trabuco	60 W	8400 lm	No
Trabuco	100 W	14000 lm	No
Trabuco	150 W	21000 lm	No
Trabuco	200 W	28000 lm	No

Tirador

Explosion Proof Area Light

The Tirador Explosion Proof Area Light is a lightweight, explosion-proof LED area light with a lumen output range of 3500 – 7000 lm. It is Manufactured in accordance with the European Directive (ATEX) and IECEx standards.

5

10

Year Warranty

Product Features

- Lumen/Watt

140 lm/W
- Hours

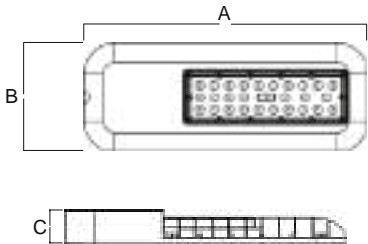
50,000 Hours
- Voltage

AC 100 - 277 V
- CRI

70+
- CCT

4000 K, 5000 K

Product Dimensions



Wattage	A(in)	B(in)	C(in)
25 W - 50 W	19.20	6.90	2.20

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Tirador	25 W	3500 lm	No
Tirador	35 W	4900 lm	No
Tirador	50 W	7000 lm	No

Fino

Explosion Proof Area Light

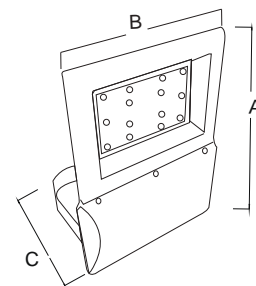
The Fino Explosion Proof Area Light is a slim, high-power, explosion-proof LED area light with a lumen output range of 11200 - 56000 lm. Meant for installation in Class I, II and III hazardous environments, this IECEx and ATEX certified fixture ensures high energy efficiency, superior lighting quality, and longer operating life. It also offers a high color rendition index compared to high-pressure sodium lamps.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V or AC 200 - 480 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

Product Dimensions



Series	A(in)	B(in)	C(in)
Fino 1	22.90	16.55	12.11
Fino 2	22.90	16.55	12.11
Fino 3	22.90	16.55	12.11

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Fino 1	80 W	11200 lm	No
Fino 1	100 W	14000 lm	No
Fino 2	150 W	21000 lm	No
Fino 2	180 W	25200 lm	No
Fino 2	200 W	28000 lm	No
Fino 3	300 W	42000 lm	No
Fino 3	400 W	56000 lm	No

Attour






Explosion Proof Area Light

The Attour Explosion Proof Area Light is a family of powerful area lights with a lumen output range of 11200 – 56000 lm. They feature a copper-free powder-coated aluminum-alloy body for added durability. Engineered to have a special heat dissipating design in conjunction with anti-vibration technology, they ensure a high lifespan with maximum lumen retention. These fixtures utilize a premium Meanwell Driver & SMT LED chipset to achieve high efficacies.

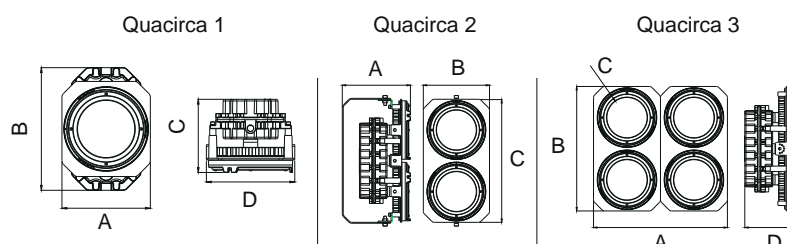


5 Year
Warranty

Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V
	70+
	4000 K, 5000 K, 5700 K

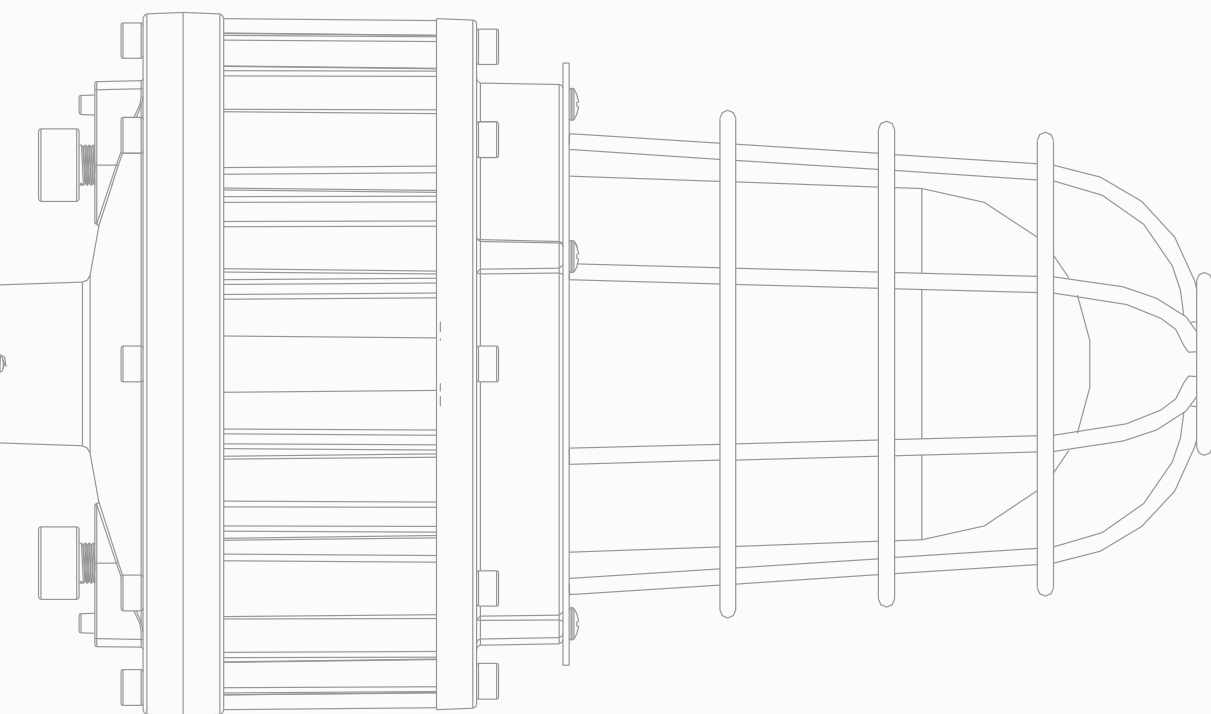
Product Dimensions

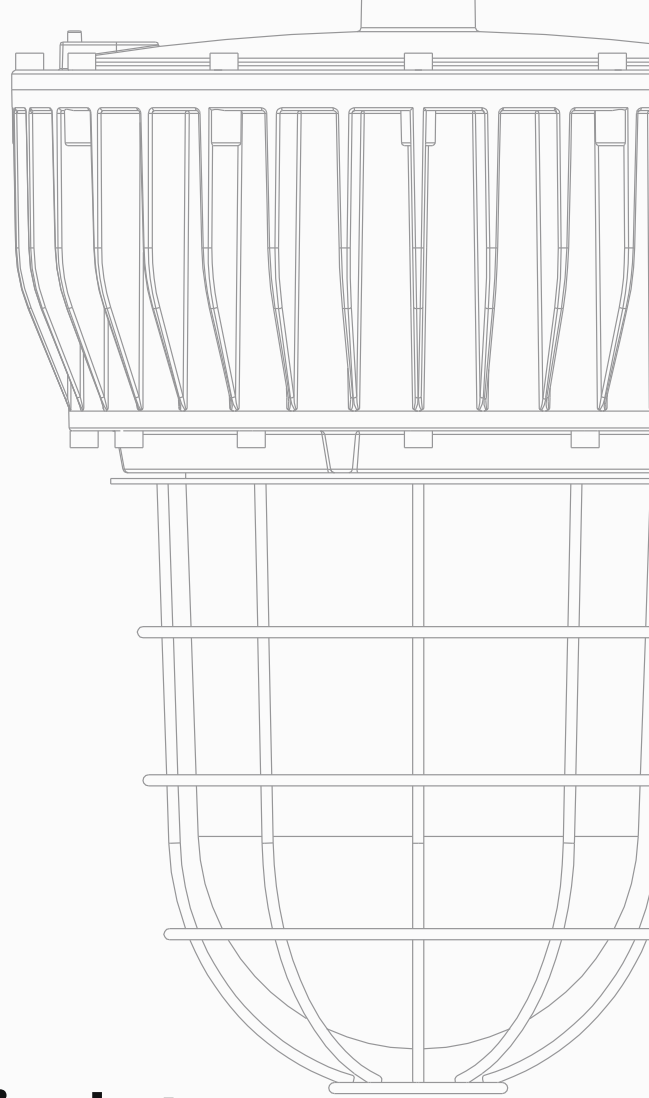


Series	A(in)	B(in)	C(in)	D(in)
Attour 1	10.24	14.21	8.42	10.24
Attour 2	11.35	11.02	20.42	-
Attour 3	22.05	20.47	6.30	8.48

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Attour 1	80 W	11200 lm	Optional
Attour 1	100 W	14000 lm	Optional
Attour 2	150 W	21000 lm	Optional
Attour 2	180 W	25200 lm	Optional
Attour 2	200 W	28000 lm	Optional
Attour 3	300 W	42000 lm	Optional
Attour 3	400 W	56000 lm	Optional





LED Jelly Jar Lights

Crusta

Explosion Proof Jelly Jar Light

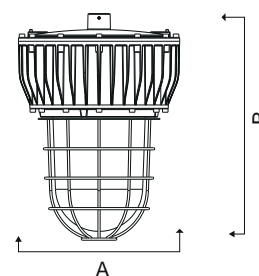
The Crusta Explosion Proof Jelly Jar Light is a powerful LED fixture with a lumen output range of 4000 - 10000 lm. Its compact design and six mounting options make it a versatile and efficient alternative to traditional hazardous location luminaries. The combination of powder-coated copper-free aluminum-alloy body, special heat dissipating design, anti-vibration technology and a premium Meanwell Driver & SMT LED chipset makes it a high performing reliable jelly jar light.



Product Features

Lumen/Watt	100 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V or AC 200 - 480 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

Product Dimensions



Wattage	A(in)	B(in)
40 W - 100 W	11.50	16.10

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Crusta	40 W	4000 lm	Optional
Crusta	50 W	5000 lm	Optional
Crusta	60 W	6000 lm	Optional
Crusta	70 W	7000 lm	Optional
Crusta	80 W	8000 lm	Optional
Crusta	90 W	9000 lm	Optional
Crusta	100 W	10000 lm	Optional






Jarrex

Explosion Proof Jelly Jar Light

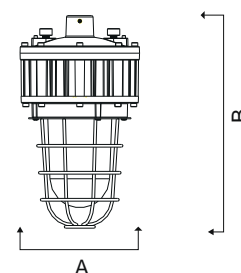
The Jarrex Explosion Proof Jelly Jar Light series is designed for a lumen output range of 1000 - 4000 lm. With their six mounting options, low maintenance and high efficiency, they provide operators with a valuable alternative to traditional hazardous location luminaries. Their special heat dissipating design, anti-vibration technology and Meanwell Driver & SMT LED chipset ensure a high lifespan with maximum lumen retention.



Product Features

	100 lm/W
	50,000 Hours
	AC 100 - 277 V
	70+
	4000 K, 5000 K, 5700 K

Product Dimensions



Wattage	A(in)	B(in)
10 W - 40 W	6.80	16.10

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Jarrex	10 W	1000 lm	Optional
Jarrex	15 W	1500 lm	Optional
Jarrex	20 W	2000 lm	Optional
Jarrex	25 W	2500 lm	Optional
Jarrex	30 W	3000 lm	Optional
Jarrex	35 W	3500 lm	Optional
Jarrex	40 W	4000 lm	Optional

Vaso

Explosion Proof Jelly Jar Light

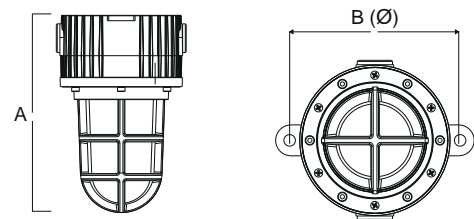
The Vaso Explosion Proof Jelly Jar Light is designed for a lumen output range of 1400 – 5600 lm. This compact fixture features a copper-free powder-coated aluminum-alloy body for added durability and a special heat dissipating design in conjunction with anti-vibration technology to ensure a high lifespan with maximum lumen retention. This fixture utilizes a premium Meanwell Driver & SMT LED chipset to achieve high efficacies.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V or AC 200 - 480 V
CRI	70+
CCT	4000 K, 5000 K, 5700 K

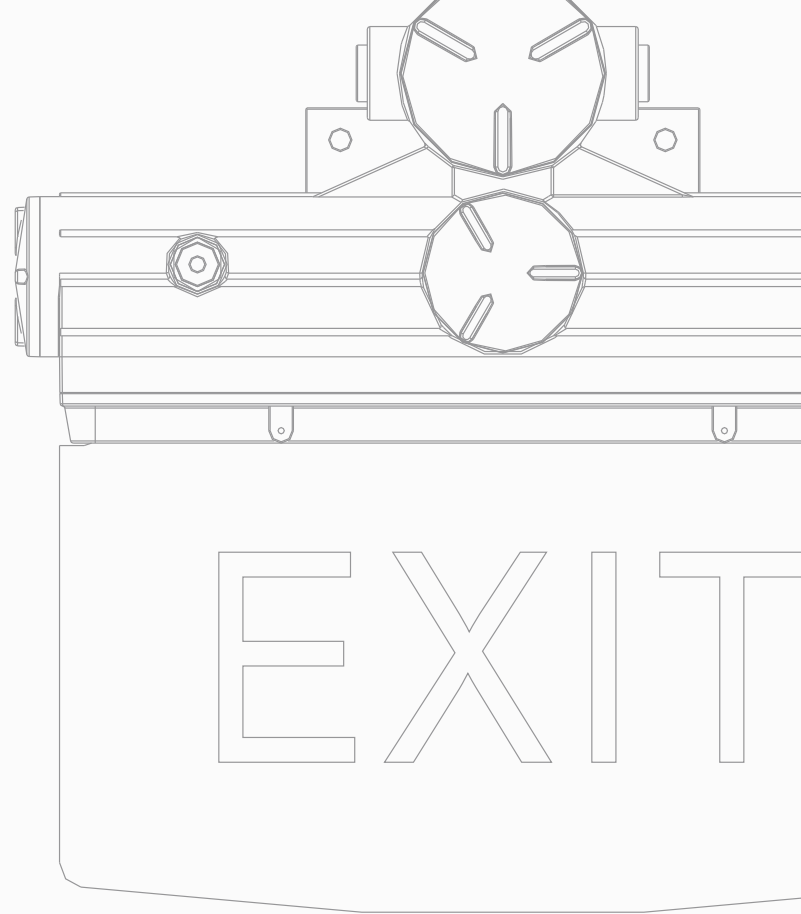
Product Dimensions



Wattage	A(in)	B(in)
10 W - 40 W	8.65	6.08

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Vaso	10 W	1400 lm	No
Vaso	15 W	2100 lm	No
Vaso	20 W	2800 lm	No
Vaso	30 W	4200 lm	No
Vaso	40 W	5600 lm	No



LED Exit Signs



Exo

Hazardous Area Exit Sign

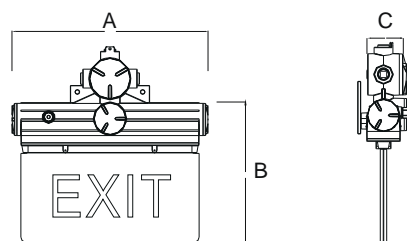
The Exo Hazardous Area Exit Sign is a powerful LED emergency exit sign with red illumination and a high lumen output, making it a highly visible exit marking during power outages and other emergencies. It is suitable for locations deemed hazardous due to the presence of flammable vapors or gases, or combustible dust.



Product Features

Lumen/Watt	140 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V
CRI	70+
COLOR	Red Illumination

Product Dimensions



Wattage	A(in)	B(in)	C(in)
03 W - 11 W	14.80	16.00	3.50

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Emergency Hours
Exo	03 W	420 lm	3 Hours
Exo	07 W	950 lm	3 Hours
Exo	11 W	1540 lm	3 Hours






Exius

Hazardous Area Exit Sign

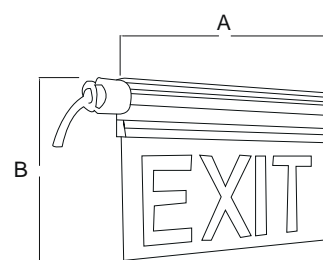
The Exius Hazardous Area Exit Sign is an LED emergency exit sign with a red / green illumination. It is available in three lumen output variants and is suitable for locations deemed hazardous due to the presence of flammable vapors or gases, or combustible dust. It provides a distinct, highly visible exit marking to indicate safe egress areas during power outages and other emergencies.



Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V
	70+
	Red / Green Illumination

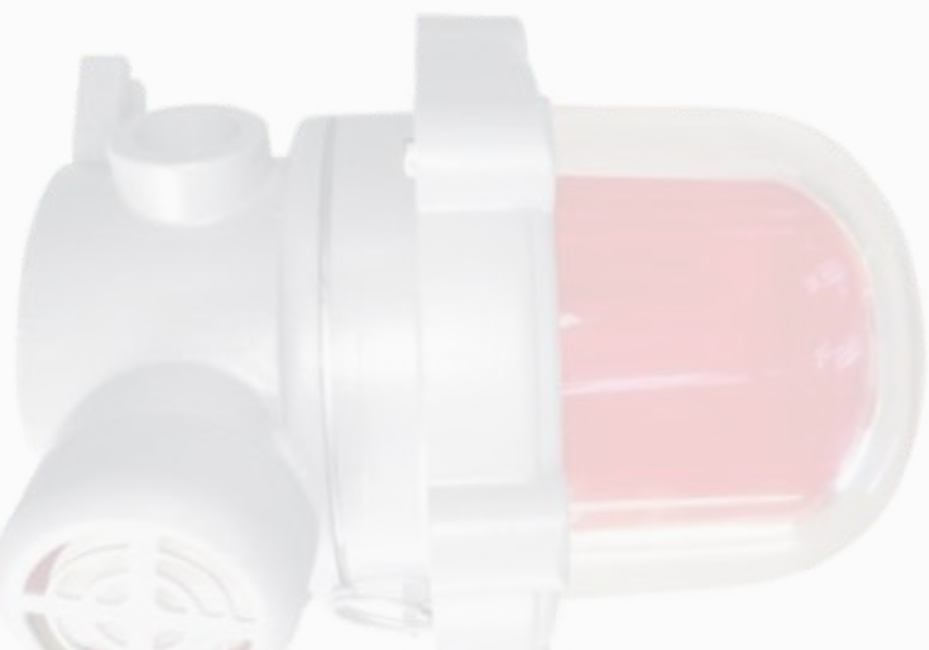
Product Dimensions



Wattage	A(in)	B(in)
01 W - 03 W	14.76	8.01

Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Emergency Hours
Exius	01 W	140 lm	3 Hours
Exius	02 W	280 lm	3 Hours
Exius	03 W	420 lm	3 Hours





Beacon Alarm






Alerta

Explosion Proof Beacon Alarm

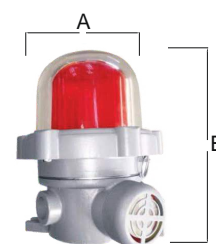
The Alerta Explosion Proof Beacon Alarm is a flameproof multi-function beacon, suitable for hazardous locations. This alarm sounding device utilizes an array of high power LEDs orientated to optimize visibility from any direction and has 3 hours of battery-powered illumination in power outage conditions.



Product Features

	140 lm/W
	50,000 Hours
	AC 100 - 277 V
	70+
	Red Illumination

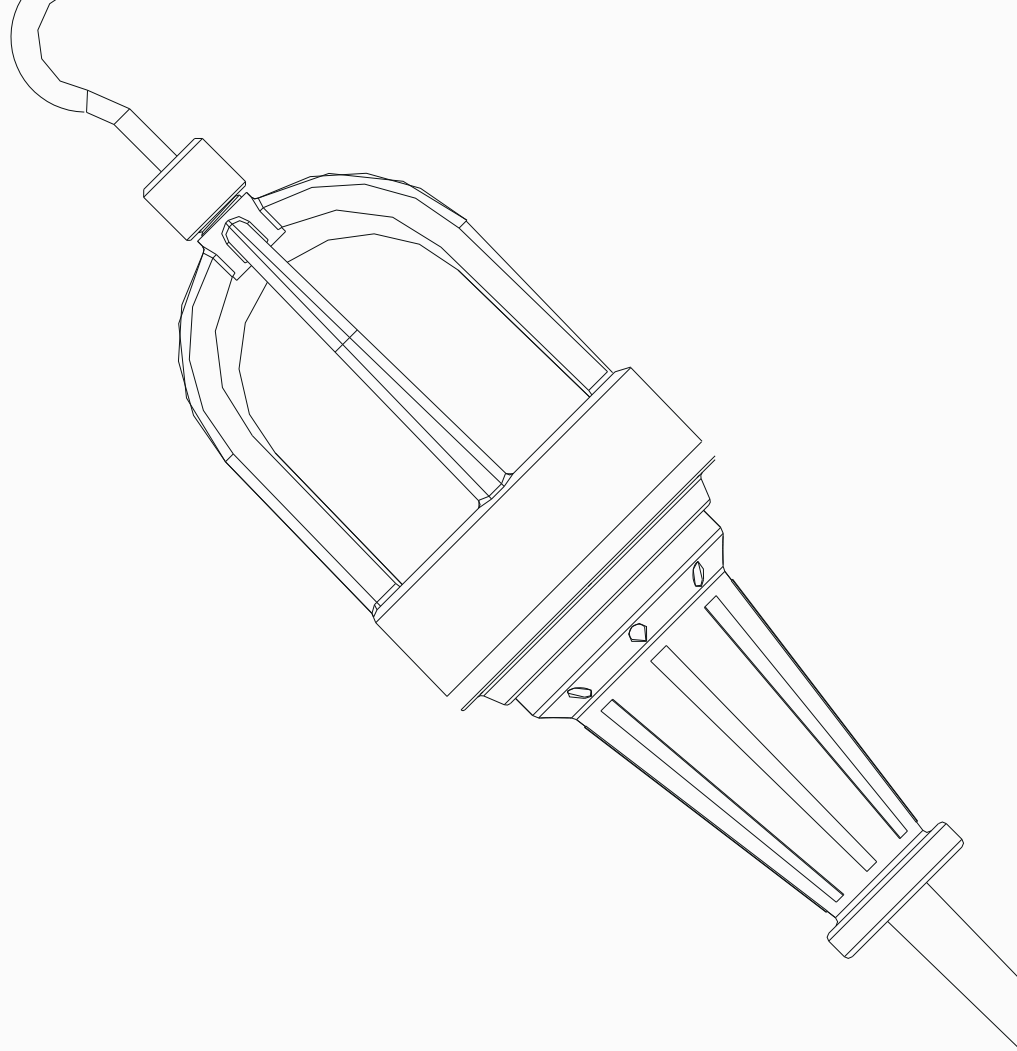
Product Dimensions



Wattage	A(in)	B(in)
03 W - 11 W	6.78	8.35

Product Specifications

Series	Wattage (w)	Noice Level
Alerta	03 W	110 dB
Alerta	07 W	110 dB
Alerta	11 W	110 dB



Trouble Work Light



Lantorch

Portable Guarded Trouble Work Light

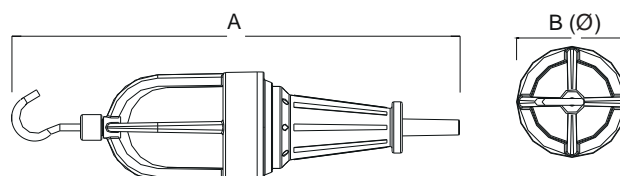
The Lantorch Portable Guarded Trouble Work Light is a flameproof handheld work site luminaire for task or general illumination in small and confined spaces.



Product Features

Lumen/Watt	100 lm/W
Hours	50,000 Hours
Voltage	AC 100 - 277 V
CRI	70+
CCT	3000 K, 4000 K, 5000 K, 7000 K

Product Dimensions



Wattage	A(in)	B(in)
03 W - 09 W	20.70	5.20

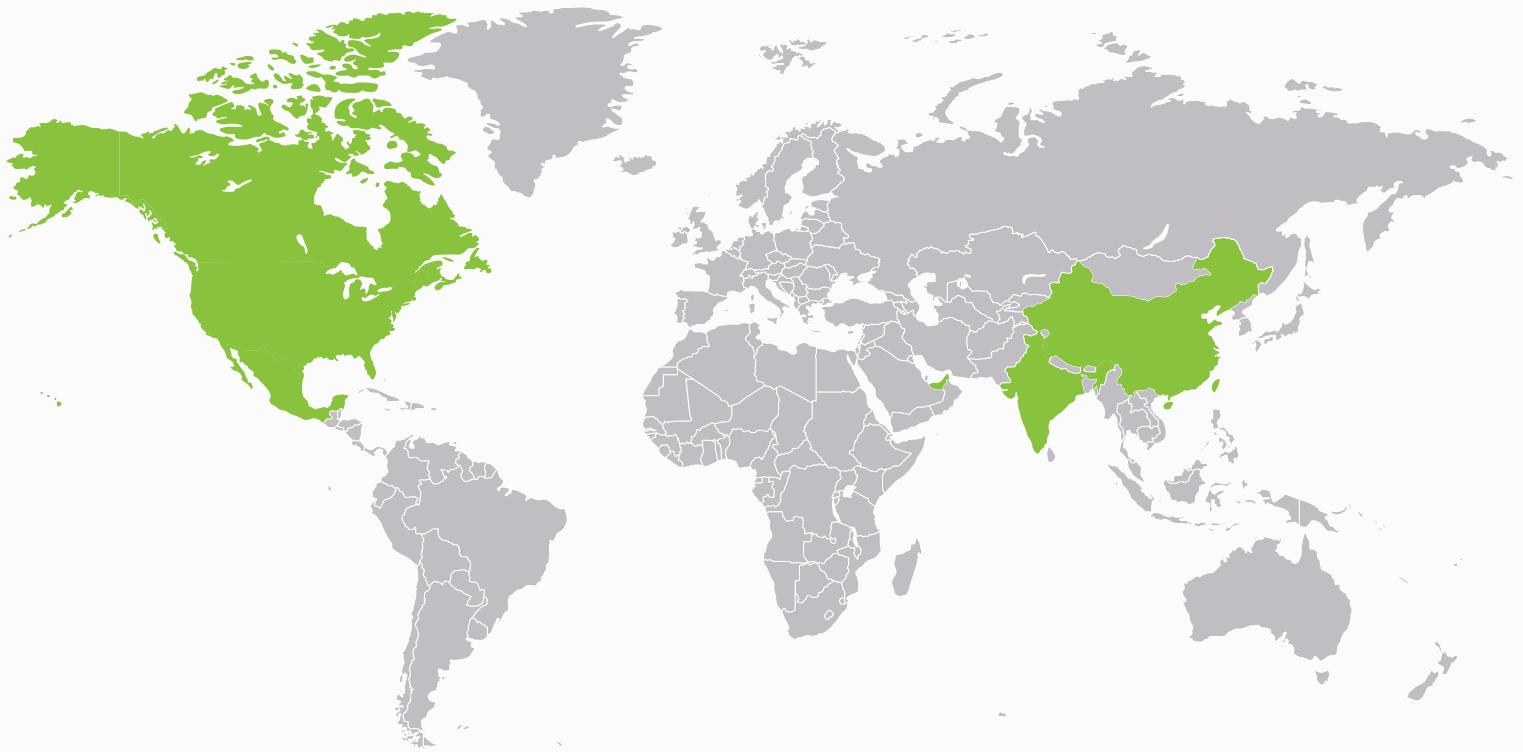
Product Specifications

Series	Wattage (W)	Lumen Output (lm)	Dimming
Lantorch	03 W	300 lm	No
Lantorch	05 W	500 lm	No
Lantorch	07 W	700 lm	No
Lantorch	09 W	900 lm	No





Our Growing Worldwide Presence...



United States | Canada | Mexico | United Arab Emirates | India | China



www.ikioledlighting.com

HAZARDOUS LOCATION LIGHTING

HAZARDOUS LOCATION LIGHTING CATALOG

2019-20



8470 Allison Pointe Blvd, Suite 128 Indianapolis, IN 46250



(1) 844-533-4546 (Toll Free)



info@ikioledlighting.com



www.linkedin.com/company/ikio-led-lighting



www.ikioledlighting.com



ikio
LED LIGHTING

Delivering Excellence. Brightening Lives.