



EXPLOSION PROOF AND SAFE AREA LIGHTING EQUIPMENT

Portable Ex and Non-Ex lighting- Hazardous area lighting- Vandal proof lighting- Factories and warehouses lighting - Food industry and animal husbandry lighting

1. PORTABLE EXPLOSION PROOF LIGHTING

THE BRICK®

Model 9610 | Portable Explosion Proof Area Light

KEY FEATURES

- ◆ **Certification:** Portable Luminary (Portable Luminaire)
- ◆ **Certified to:** CSA Std C22.2#s 12, 25, 137
- ◆ **Temperature Rating:** T-Code: T5 (-20°C to +40°C); T4 (-20°C to +100°C)
- ◆ **LEDs Color:** ~6000K, CRI >70
- ◆ **Light Output:** 50,000 Lux at 1ft; >11,500 lumens
- ◆ **Reflective Optic Beam Angle:** 60°
- ◆ **Light Head Power:** Models A and C: 36VDC, 2-3A
- ◆ **Dimensions:** Light head with Handles & Bumpers: 12.75" x 6.50" x 5.25"
Bend Radius Enforcement Sleeve (connecting the cord to the lighthead): 10.1875" x 1.5625"
- ◆ **Weight:** 10 lbs (light head only)
- ◆ **Protection:** Polyurethane Bumper
- ◆ **Country of origin:** Designed & Manufactured in the USA



THE BRICKETTE™

Model 2106 | Portable Explosion Proof LED Work Light

KEY FEATURES

- ◆ **Certification:** Portable Luminary (Portable Luminaire)
- ◆ **Certified to:** CSA Std C22.2#s 12, 25, 30, 137, 250.13
- ◆ **Temperature Rating:** T-code: T5, (-25° to +40°C)
- ◆ **LEDs Color:** ~6000K, CRI >70
- ◆ **Light Output:** >2,500 lumens
- ◆ **Reflective Optic Beam Angle:** 60°
- ◆ **Light Head Power:** 21VDC, 800mA, LVLE
- ◆ **Illuminous:** 26,000 lux at 1 ft
- ◆ **Dimensions:** 6"L x 2.9"W x 2.3"H
- ◆ **Weight:** 3.5 lbs (light head only), 4.2- 5.3 lbs (light head with handle)
- ◆ **Country of origin:** Designed & Manufactured in the USA



THE STRIKER™

Model 8100 | Explosion Proof Inspection Work Light & Drop Light

KEY FEATURES

- ◆ **Certification:** Portable Luminary (Portable Luminaire)
- ◆ **Certified to:** CSA Std C22.2#s, 12, 25, 137
- ◆ **Temperature Rating:** T5 (-40°C to +40°C) / T4 (-40°C to +100°C)
- ◆ **LED:** XP-G Cree
- ◆ **LEDs Color:** ~6000K, CRI >70
- ◆ **Light Output:** - 45,000 lux at 1ft. | - >2,100 lumens
- ◆ **Standard Optic:** 25° refractive, collimated beam
- ◆ **Light Head Power:** - 21 VDC, 800mA, LVLE (A & C Models) | - 120 VAC, 3A (B Model)
- ◆ **Dimensions:** - Short Handle (8.2"L x 3"D) | - Long handle (13.5"L x 3"D)
- ◆ **Weight:** - 3 lbs (light head only) | - 20 lbs (light head and 100' cable)
- ◆ **Body Material:** - Machined solid blocks of 6061-T6 Aluminum | - Polyurethane Bumpers
- ◆ **Optional Configurations:** Designed & Manufactured in the USA



BODYLIGHT™

Model 8910 | Explosion Proof Rechargeable Battery-Powered LED Light

KEY FEATURES

- ◆ Suitable for Wet Location: NEMA Type 6P
- ◆ Battery Charger is Ordinary Location Listed: UL153 – Not Explosion Proof
- ◆ Emitter Type: LED COD (Chip on Board) | – Correlated Color Temperature (CCT): 5700°K
- ◆ Luminous Flux: ~2500 lumens (lm)
- ◆ Visible Modes | Light Output (Lumens): Glow (On/Battery Check) | Low (Passage): 625 lm
Medium (Work): 1,250 lm | High (Task): 2,500 lm | Flash: (Medium-Low)
- ◆ Run Time: Glow (On/ Battery Check): N/A | Low (Passage): ~14 hrs | Medium (Work): ~7 hrs
High (Task): ~3.5 hrs | Flash (Medium-Low)
- ◆ Projection Type: Wide Floodlight Projection
- ◆ Dimensions: 3.67"L x 2.97"W x 7.58"H x Ø2.67"
- ◆ Weight: Light head: 1.90 lbs | Battery/Handle: 1.45 lbs | Total Weight: 3.35 lbs
- ◆ Battery Pack: 41NR19/66 | Output Power: 14.4 VDC, 3.4Ah | Temp Amb: -20° to +40°C.
Temp. Rating: T5 | Charging: Ta: 0° to +60°C
- ◆ Country of origin: Designed & Manufactured in the USA



UVA BODYLIGHT™

Model 8910UVA | Explosion Proof UVA Inspection Light (Rechargeable & Battery-Powered)

KEY FEATURES

- ◆ Suitable for Wet Location: NEMA Type 6P
- ◆ Battery Charger is Ordinary Location Listed: UL153 – Not Explosion Proof
- ◆ Projection Type: Wide Floodlight Projection
- ◆ UVA Mode | Emitter Type: UVA Wavelength: 365nm peak
- ◆ UVA Mode | Output Modes: Glow (On/ Battery Check) | Low (Passage) | Medium (Work) | High (Task)
- ◆ UVA Mode | Run Time: Glow (On/ Battery Check): N/A | Low (Passage): ~14 hrs |
Medium (Work): ~7 hrs | High (Task): ~3.5 hrs
- ◆ Dimensions: 3.67"L x 2.97"W x 7.58"H x Ø2.67"
- ◆ Weight: Light head: 1.90lbs | Battery/Handle: 1.45lbs | Total Weight: 3.35lbs
- ◆ Country of origin: Designed & Manufactured in the USA



WT GERM KILLER® - UVC BODYLIGHT™

Model 8910UVC | Industrial Portable UVC Germicidal Light

KEY FEATURES

- ◆ Suitable for Wet Location: NEMA Type 6P
- ◆ Runtime: on Charged Battery-Pack: ~4hrs
- ◆ Battery Charger is Ordinary Location listed: UL153 – Not Explosion Proof
- ◆ Emitter Type: UVC LED Wavelength: 275nm peak | Red: UVC Emission – Indicator LEDs
- ◆ UVC Output Power: at Window Face: ~260 mW/cm² | at Bristle Cone: ~2.5 mW/cm²
- ◆ Beam Angle: with Bristle Cone: 60° | without Bristle Cone: 120°
- ◆ Dimensions: 3.67"L x 2.97"W x 7.58"H x Ø2.67"
- ◆ Weight: Light head: 1.90lbs | Battery/Handle: 1.45lbs | Total Weight: 3.35lbs
- ◆ Battery Pack: 41NR19/66 | Output Power: 14.4 VDC, 3.4Ah | Temp Amb: -20° to +40°C. Temp
Rating: T5 | Charging: Ta: 0° to +60°C
- ◆ Charger Base Input: Frequency of Input: 120/240 VAC, 50/60 Hz, 1A | Output Power:
12-15VDC, 3-5A | Temp Ambient: -25° to +40°C | Temp Rating: T5
- ◆ Country of origin: Designed & Manufactured in the USA



AIR-LIGHT® EX

AL5K-EX | Battery-Powered Portable Explosion-Proof Area Light Tower

The Air-Light® EX comes with two light heads (BODYLight™), which can move independently in any direction, and provide 2500 lumens per light. Each light is powered by a 12 VDC rechargeable lithium-ion battery pack, with a run time of 3.5+ hours when illuminating both lights on high (5000 lumens) and 14+ hours on low (1250 total lumens).

- ◆ For use in ALL WEATHER CONDITIONS AND TERRAIN!
- ◆ Individual light heads can move independently in any direction
- ◆ Unit deploys/stows rapidly without the use of tools and folds to fit within the integral case
- ◆ Unit delivered fully assembled in a roller case with handle
- ◆ Dual locking legs extend 16" for use on uneven terrain
- ◆ Aluminum mast extends from a range of 22" – 70" above ground
- ◆ Battery pack can be changed inside hazardous location!



C-MODEL BRICK®

Portable Explosion Proof Tank Light

9610C | Explosion Proof LED Lighthead, SOOW Cable, Explosion Proof Power Box, & 15AMP Explosion Proof Plug

The most versatile and rugged portable explosion proof tank light on the market. Built for a variety of applications ranging from tank entry, aviation, power generation, refineries, and blast & paint. The BRICK® is the perfect choice for your portable work site lighting needs, especially when hazardous locations are involved.

This whole system is certified and approved for hazardous locations (HazLoc):

- ◆ Class I, Div 1 & 2, Groups C & D
- ◆ Class II, Div 1 & 2, Groups E, F, & G
- ◆ CSA Zones 1 & 2; Zones 20, 21, & 22
- ◆ Portable Luminaire (UL 153)
- ◆ Wet Location
- ◆ Low Voltage (LVLE)

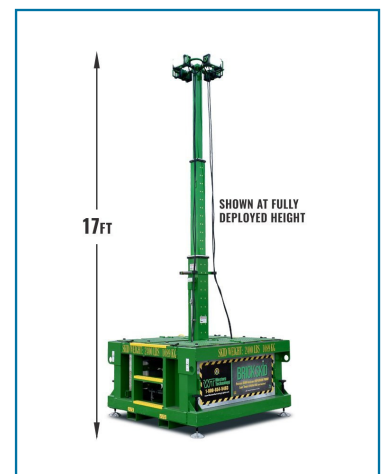


BRICKSKID™

Portable Explosion Proof Light Tower built with Spark-Free Aluminum Construction featuring 4 BRICK® Explosion Proof Lights

KEY FEATURES

- ◆ ZERO EMISSIONS
- ◆ NO Noise
- ◆ NO Drip Pans
- ◆ NO Heat
- ◆ NO Fueling/Fueler
- ◆ NO Maintenance
- ◆ Total Spark-Free Construction
- ◆ Secure Locker for Storage of Converter/Cables During Shipment
- ◆ Independent Aiming of Each BRICK®
- ◆ Ability to Remove a BRICK® (vessel entry / work light / independent rental)
- ◆ 360° Lighting of a +400ft Diameter Area
- ◆ Class 1 & 2, Div 1 Electronics/Plug receptacles





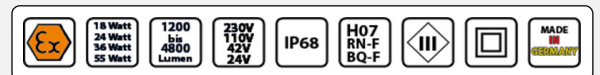
Ex- Handlamps



The extremely compact, light and explosion-proof ATEX hand lamp is ideal for illuminating areas that are difficult to access and where inspection and service are necessary. At the same time it fulfills the safety requirements with regard to explosion protection. Three integrated POWER LED modules ensure optimal lighting. Thanks to the integrated diffuser film, a glare-free and pleasant work is guaranteed. Ideal for use as an inspection lamp.

Type: LED hand lamp / inspection lamp, ex-proof (ATEX) | EX-Zones: Zone 1 & 2 , Zone 21 & 22 | Protection category: IP68

The 360 ° omnidirectional EX lights of the KE-EX 68xx series are ideal in work areas or rooms in which the entire area needs to be illuminated, e.g. for tank and silo cleaning work. The lights are available in different sizes and light outputs. Due to the EX protection, these lights can also be used in particularly dangerous areas. (EX zones 1/2 and 21/22). In the optional through-wired version, the lights can be used as a chain of lights. (on demand). A wide range of accessories round off the diverse range of applications



The explosion-proof LED spotlight ULTRA Safe 3 LED is the successor of the renowned Safeboy LED spotlight. Thanks to its low weight and extraordinary robustness, it is the ideal lighting solution in demanding and harsh environments. The spotlight is flexible horizontally or vertically openable. Optional accessories such as telescopic stands or magnetic brackets are available

The microprocessor-controlled, reloadable, hinged-head safety hand-held luminaire, model HL 35 EX HIGH POWER with digital display, ATEX directive 2014/34 / EU and relevant EMC regulations tested, has a vehicle registration. The luminaire is equipped with two switchable high-power LEDs and switchable as power light. The environmentally friendly lithium-ion battery without memory effect used is deeply discharged and can be recharged thanks to the intelligent circuit layout. This can be exchanged by the user himself. Due to the 180 ° pivotable, adjustable light head, the lamp is flexible. By a clamp, the lamp can also be attached to the protective clothing. The use as a luminaire with emergency light function is also available and can be switched off by the customer. The charging unit for 100-230V AC, 12V DC and 24V DC can be supplied from 1 to 5 times. With a low weight of approx. 0.6 kg, the HL 35 EX HIGH POWER is at the top of comparable hand lamps. The design is in accordance with DIN 14649

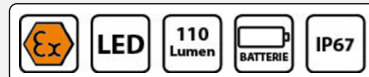




EX-protected hand lamp with power LED in angled shape is very bright and extremely light. The luminaire is certified for all gases and dusts and can be operated with two light levels as well as in the flashing mode. The lithium ion battery is included and can be changed by the operator. With a low weight of approx. 280 g, the HL12 EX is based on the fabric of comparable hand lamps. The charging unit for 100-230V AC, 12V DC and 24V DC can be supplied from 1 to 5 times.



The ex-protected HL 11 EX flashlight can be used with its extremely high luminosity in zones 0 and 20. Due to fail-safe high-power LEDs, no lamp replacement is necessary. 4 AA batteries (Mignon) are included in the delivery.



STL 1 EX is a high-power LED headlight for use in hazardous areas (Zone 0) and is equipped with three AAA alkaline batteries. The lamp has two lighting modes, is extremely bright and has a long lighting time. Adjustment of the inclination angle possible in lockable steps.

2. HAZARDOUS AREA LIGHTING



SPARTAN FLOOD

The SPARTAN High Power Flood range is designed for very large and open hazardous areas which require high performance, high reliability, White-Light illumination.

- ◆ ATEX and IEC Ex approved - Zone 1 & 2
- ◆ UKCA approved
- ◆ Ultra Long Life LED
- ◆ High Lumen Output LED
- ◆ Easy Installation and Maintenance
- ◆ Extreme Durability and Toughness

SPARTAN LINEAR

The SPARTAN Linear range is designed specifically for hazardous area environments to retrofit existing 2x36W fluorescent installations, which require high performance, reliable, White-Light illumination.

- ◆ ATEX and IEC Ex approved - Zone 1 & 2
- ◆ UL/CSA approved including C1D2 and ABS
- ◆ UKCA approved
- ◆ Ultra Long Life LED
- ◆ High Lumen Output LED
- ◆ Fully Retrofittable
- ◆ Easy Installation and Maintenance
- ◆ Emergency Variants
- ◆ Wide Operating Temp -40° to +60°
- ◆ 5 Year Warranty
- ◆ UK Designed and Manufactured



SPARTAN BAY

The SPARTAN Bay Light range is designed for very large and high hazardous areas which require powerful ceiling mounted White-Light illumination. Using Raytec's field-proven, long-life LED technology, the HPBY10K is globally certified for all Zone 1 & 2 applications.

- ◆ ATEX and IEC Ex approved - Zone 1 & 2
- ◆ UKCA approved
- ◆ Ultra Long Life LED
- ◆ High Lumen Output LED
- ◆ Easy Installation and Maintenance
- ◆ Extreme Durability and Toughness
- ◆ Wide Operating Temp -50° to +50°
- ◆ DALI/Dimming as Standard
- ◆ Remote Power Supply Variants Available
- ◆ Zone 1 Variants Available
- ◆ 5 Year Warranty
- ◆ UK Designed and Manufactured

SPARTAN CRANE

The SPARTAN Crane range is designed for use on marine/offshore boom cranes where high performance, reliable, White-Light illumination is required for safe crane operations.

- ◆ ATEX and IEC Ex approved - Zone 1 & 2
- ◆ UL/CSA approved including C1D2 and ABS
- ◆ Ultra Long Life LED
- ◆ High Lumen Output LED
- ◆ Rotary Damper - ensures light stays targeted where required



Bulkhead light fitting

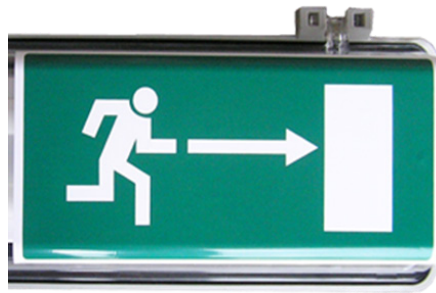
- ◆ Application in confined or restricted spaces
- ◆ Robust light alloy enclosure weighs only 4 kg
- ◆ Allowing the user to mount in areas where the available space is restricted
- ◆ Fast and easy installation



Zone 1,2,21,22

Emergency Lighting ZONE 1,2,21,22

- ◆ Central locking with internal switch
- ◆ Through-wiring possible
- ◆ LED modules with innovative encapsulation
- ◆ Estimated service life up to 70 000 hours
- ◆ High color rendering index CRI 80



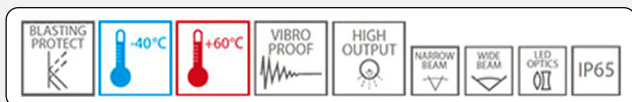
LED

ANIMAL HUSBANDRY / WAREHOUSE / VANDAL PROOF LIGHTING



Food industry and animal husbandry

Lighting fixtures for the food industry have hygienic attest of PZH (National Institute of Public Health) and comply with the high requirements of IFS (International Food Standard).



Factories and warehouses

Light fittings dedicated to all kinds of production plants are designed to work in adverse conditions such as high humidity or extremely high ambient temperatures.



Custodial Facilities

Vandalproof light fittings designed for illumination of penitentiaries and prisons are characterized by a high degree of resistance to IK impact. They also have secured casings preventing unauthorized access. Lamps of this type can be equipped with additional night lighting.





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