Explosion proof

PN: EX6310

High Quality LED Lighting!

Certification & Approvals
- IP65
- GB Code: Ex ib II CT4
- GB Certificate：CNEx09.0865
- Standard: GB3836.1-2000 GB3836.4-2000

Features
- Explosion Proof design
- Cree LED Light Source
- PC Shell
- Portable
- Mountable on a safety helmet
- Energy Saving
- Lithium battery
- Light Angle adjustment
- 2 Phase Brightness adjustment
- Red signal Flash
- Low voltage warning indicator

Applications
- Ideal for any potentially flammable areas such as petroleum exploration sites, chemical industrial plants, and military sites.
- Dangerous Places:
  - ❑ Zones - 0

technical Specifications
- Charging Voltage: AC100-V- 240V 50hz/60hz
- 1x1w Cree LED Light Source
- Life: 100 000hrs
- Battery:
  - ❑ Voltage 3.7
  - ❑ Ah 1.4
  - ❑ Current: Phase 1 - 350 Ma @ High Intensity
  - ❑ Current: Phase 2 - 180 Ma @ Work Light Intensity
  - ❑ Charge Time 4-6hrs
  - ❑ Recycled 1000x
- Charger:
  - ❑ Input: AC100V-AC240V
- Lighting Time:
  - ❑ Phase 1 - 4hrs @ High Intensity
  - ❑ Phase 2 - 8hrs @ Work Light Intensity
- Range:
  - ❑ Phase 1 - 2400LUX @ High Intercity
  - ❑ Phase 2 - 1200LUX @ Work light Intensity
- Luminous Flux : 180lm
- Dimensions: 50mm×65×60
- Net Weight: 85 grams

For More Detailed Information call us below in Singapore or Australia

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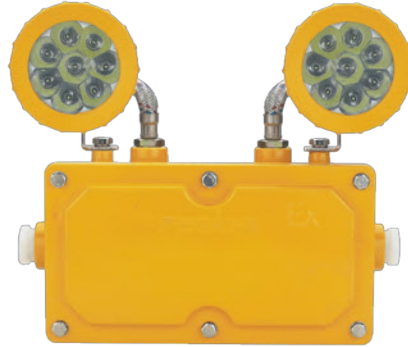
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PRO VISION

Explosion Proof LED Lighting

Emergency Lamp

PN: EX5200

High Quality LED Lighting!

Certification & Approvals
- IP65
- GB Code: Ex d II C T6

Features
- Explosion Proof design
- Corrosion Resistant
- Water & Dust Resistant

Applications:
- Harsh Environments
  - ❑ inflammable or explosive places
  - ❑ chemical industry
  - ❑ Exploration
  - ❑ military work places
  - ❑ emergency lighting when power is cut off.
- Dangerous Places:
  - ❑ Zones - 1, 2, 21, and 22 Hazardous places
  - ❑ Inflammable & Explosive gas or dust atmospheres 11A, 11B, and 11C

Technical Specifications
- Charging Voltage:
  - ❑ AC100-V- 240V
  - ❑ 50hz/60hz
- LED Light Source
  - ❑ 2x2w LED
- Life: 50 000hrs
- Power:
  - ❑ 220V Working
  - ❑ DC3.5V Emergency
- Emergency Run Time:
  - ❑ 36w/90min
- Luminous Flux :
  - ❑ 350lm
- Anti Corrosion Grade:
  - ❑ WF2
- Insulation Grade:
  - ❑ I
- Cable Diameter:
  - ❑ Ø10- Ø14
- Temperature: -20°~40°c
- Dimensions: 295×150×275mm
- Net Weight: 3.4kg

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LED & Fluorescent Tube Light

PN: EX5400

High Quality Lighting!

Products

Specifications & Certification

- IIP23
- Anti corrosion grade: WF2
- Insulation Grade: II
- Cable Type: Triplex
- Voltage: 220-250v

Features

- Explosion Proof design
- Low Carbon Tube Lamp
- Optional Emergency Device
- 50% Power savings over standard Fleurescent lighting
- Trapezium light output shape, combines with return air system design, according to advanced optical principles.

  features a gentle and even light, with   no dazzle or overshadow.

  It can effectively avoid visual fatigue caused to operators during its operation.
- The casing uses a special high strength light alloy material.
- The surface has been sprayed to eliminate static electricity.
- Easy connectivity and easy access

Item No.	Lamp Type	Watt	Output
EX5400 - Y1x14	T5 Fluorescent	1x14W	1456Lm
BC5400 - Y1x28	T5 Fluorescent	1x28W	2912Lm
EX5400 - Y2x14	T5 Fluorescent	2x14W	2912Lm
EX5400 - Y2x28	T5 Fluorescent	2x28W	5824Lm
EX5400-D-L 1x8	T8 LED	1x8W	880Lm
EX5400-D-L 1x16	T8 LED	1x16W	1760Lm
EX5400-S-L 2x8	T8 LED	2x8W	1760Lm
EX5400-S-L 2x16	T8 LED	2x16W	3520Lm
EX5400 - Y1x14J	T5 Fluorescent (emergency)	1x14W	1456Lm
EX5400 - Y1x28J	T5 Fluorescent (emergency)	1x28W	2912Lm
EX5400 - Y2x14J	T5 Fluorescent (emergency)	2x14W	2912Lm
EX5400 - Y2x28J	T5 Fluorescent (emergency)	2x28	5824Lm

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Multi-Function LED Flashlight

PN: EX7620

High Quality LED Lighting!

Certification & Approvals
- IP66
- GB Code: Ex ib T4
- Standard: GB3836.1-2000 GB3836.4-2000

Features
- Explosion Proof design
- Adjustable Focus
- Adjustable Head: 0~130°
- Frequency Flash-over Function
- Long Distance Communication recognition
- Energy Saving
- Lithium battery
- Two Mode Adjustable Light Intensity
- Magnetic Base
- Rainproof and Floatation Ability

Applications
- Ideal for any potentially flammable areas such as petroleum exploration sites, chemical industrial plants, and military sites.
- Dangerous Places:
  - ❏ Zones - 0

technical Specifications
- Charging Voltage: AC100-V- 240V 50hz/60hz
- 3w or 1w LED Light Source
- Life: 100 000hrs
- Battery:
  - ❏ mAH 4000
  - ❏ Voltage 3.7
  - ❏ Charge Time 8hrs
  - ❏ Recycled 800x
- Charger:
  - ❏ Input: AC100V-AC240V
  - ❏ Output: DC4.5V
  - ❏ Output Current: 1Amp
- Lighting Time:
  - ❏ 3w - 7hrs @ High intensity
  - ❏ 1w - 14hrs @ High Intensity
- Range:
  - ❏ 3w- 120mtrs
  - ❏ 1w - 70mtrs
- Luminous Flux : 180lm
- Temperature: -20°~40°c
- Dimensions: 217.3mm✕105.8✕87
- Net Weight: 370 grams

For More Detailed Information call us below in Singapore or Australia

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Explosion proof Flood Light

PN: EX9100

High Quality Lighting!

Specifications

- **GB Code:** Ex de II C T6/T4, DIP A20 T6/T4
- **GB Certificate:** NLE07374, NLE07375
- **Grade of Protection:** IP65
- **Standards:** GB3836.1-2000 GB3836.2-2000 GB3836.3-2000
- **Anti Corrosion Grade:** WF2
- **Power Supply:** 220V/50Hz
- **Spacing Height Ratio:** 2.6
- **Cable Entries:** G3/4▯
- **Cable Diameter:** Ø8 - Ø10
- **Dimensions:** Lamp 440 x 266 x 170 mm Explosion proof ballast box 340 x 220 x 8 mm
- **Weight:** Lamp 5kg
- **Explosion proof ballast box:** 5.2kg

Features

- Explosion Proof design
- Osram brand power supply and appliances, with stable performance.
- Twin Explosion-proof chambers, with the main chamber explosion-proof, and the connection chamber safety-enhanced.
- Good thermal radiation effects, effectively extending the service life of lamps.
- Strong resistance to corrosion, water and dust, applicable to various harsh environments.

Application:

- EX9100 Can be used in Zone 1 and Zone 2 hazardous areas.
- EX9120 Can be used in Zone 21 and Zone 22 hazardous areas.

P/N	Lamp Type	Watt	Lm	Temp Class	Hrs
EX9100-J70 EX9120-J70	MH	70w	5500	T6	10000
EX9100-J100 EX9120-J100	MH	100w	9000	T4	10000
EX9100-J150 EX9120-J150	MH	150w	13000	T4	10000
EX9100-N70 EX9120-N70	HPS	70w	6000	T6	28500
EX9100-N100 EX9120-N100	HPS	100w	9600	T4	28500
EX9100-N150 EX9120-N150	HPS	150w	16000	T4	28500

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Explosion proof Flood Light

PN: EX9150

Specifications

- **GB Code:** Ex d IIB T3
- **Grade of Protection:** IP65
- **Standard:** B3836.1-2000, B3836.2-2000
- **Anti Corrosion Grade:** WF2
- **Insulation Grade:** I
- **Power Supply:** 220V/50Hz
- **Cable Diameter:** Ø10 - Ø14
- **Dimension:** Lamp 433 x 387 x 202 mm
  Explosion Proof ballast box 288 x 203 x 125 mm
- **Weight:** Unity Type Lamp+Electrical box 16.1Kg
  Lamp   Lamp 9kg
  Split Type   Electrical box
  Explosion Proof ballast box 6.8kg

Features

- Power factor>0.9
- Orange-figured reflection panel makes the light gentle and luminance angle large.
- Strong resistance to corrosion, water and dust, applicable to various harsh environments.
- Lateral cover is mounted on the lamp, enabling easy change of bulbs.
- The lamp can be mounted either in pedestal or on wall, adjustable within the angles of 45~90°.

Application:

This product is applicable to large area flood lighting in various explosive and flammable places, outdoor operation or construction sites, as well as places with devices and facilities.

1: Dangerous places in Zone 2

2: IIB explosive gas environment or flammable environment.

P/N	Lamp Type	Watt	Lm	Wgt	Temp Class	Hrs
EX9130-J250	MH	250w	25000	17kg	T4	10000
EX9130-J400	MH	400w	36000	19kg	T3	10000
EX9130-N250	HPS	250w	27500	17kg	T4	28500
EX9130-N400	HPS	400w	50000	19kg	T3	28500

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PRO VISION

EXPLOSION PROOF LIGHTING

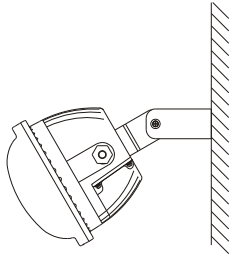### Explosion proof Light
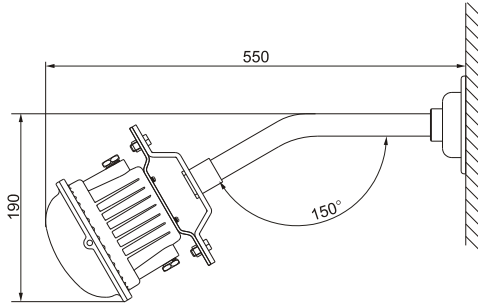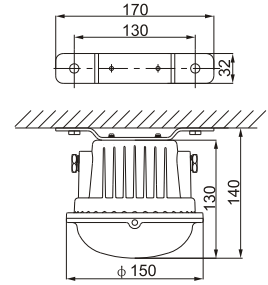

PN: EX9200

High Quality Lighting!

Wall mounting(rotating 90° form up to down)B1   30° wall mounting(B2)   Roof mounting(X)

SPECIFICATIONS

- GB Code: Ex de II C T6
- GB Certificate: NLE09441
- Grade of Protection: IP65
- Standard: GB3836.1-2000, GB3836.2-2000 GB3836.3-2000

FEATURES:

- CREE brand white LED light source.
- 50,000 hours. It is also maintenance-free.
- wide voltage design.
- LED anti-dazzle lens, It will not cause weariness for the operators' eyes.
- Strong resistance to corrosion, water and dust, applicable to various harsh environments.
- It can be mounted on a roof or wall.
- It is provided with dual explosion-proof interfaces and can be connected in series.

APPLICATION:

- explosive and flammable places for oil, chemical, ship-making and metallurgy, etc.
- Dangerous places in Zone 1, Zone 2 or Zone 20, Zone 21, Zone 22;
- Grade IIA and IIB explosive gas environment or flammable dust environment.

ITEM	UNIT	EX9200A	EX9200B	EX9200C
Voltage	AC/DC	220v	24v	36v
Wattage	w	4x3w	2x3w	2x1.5w
Lumen	Lm	560	280	200
Life	Hrs	100,000	100,000	100,000
Anti Corrosion Grade		Wf2		
Insolation Grade		I		
Spacing Heaight ratio		1.2		
Cable Diameter	mm	Ø6~Ø8	Ø6~Ø8	Ø6~Ø8
Dimention	mm	147×140	147×140	147×140
Weight	Kg	1.3	1.3	1.3

Explosion proof Platform Light

PN: EX9300

High Quality Lighting!

Certification & approvals

- GB Code: Electrodeless - Exd CT6 - DIP A20 TA□T6,
- GB Code: MH & HPS - Exd CT4 - DIP A20 TA□TT4
- GB Certificate; CNEx09.0190
- Grade of Protection: IP65
- Standard; GB3836.1-2000, GB3836.2-2000

Features: Electrode-Less (EL)

- It adopts an electrode-less light source, with the service life as long as 60,000 hours.
- It uses a dual chamber explosion-proof design, making it safer in explosive and flammable places.
- It can be operated normally under wide a voltage range. Its bulb lightness will not be affected by the voltage variation without flashover, and it can be started and restarted instantly.
- Strong resistance to corrosion, water and dust, applicable to various harsh environments.
- It has two cable outlets and can be connected with the power supply in series.

Features: Metal Halide (MH)
& High Pressure Sodium (HPS)

- Osram brand power supply and appliances, with stable performance.
- It uses a dual-chamber explosion-proof design, making it safer in explosive and flammable places.
- Strong resistance to corrosion, water and dust, applicable to various harsh environments.
- It has two cable outlets and can be connected with the power supply in series.

Application:

- This product is applicable to fixed lighting in explosive and flammable places, such as the petrochemical, oil platforms, oil stations, oil pump stations, oil transmission station, etc.
- Dangerous places in Zone 1, Zone 2 or Zone 20, Zone 21, Zone 22;
- Grade IIA or IIB explosive gas environment or flammable dust environment.

Specifications:

- Power Supply : AC 220V / 50Hz
- Ingress Protection: IP65
- Anticorrosion Grade : WF2
- Insulation Grade: I
- Spacing Height Ratio: 2.5
- Cable Diameter: Ø8 - Ø10
- Dimension: Lamp - 200 x 315mm
  Explosion proof ballast box 340 x 220 x 88 mm
- Weight: Lamp 5.2kg
  Explosion proof ballast box 4.8kg

Item	Light Source	Watt	Lumen	Temp Class	Life (hrs)
EX9300-W50	EL	50	4000	T6	60,000
EX9300-W85	EL	85	6800	T4	60,000
EX9300-J70	MH	70	5500	T6	10,000
EX9300-J100	MH	100	9000	T4	10,000
EX9300-J150	MH	150	13000	T4	10,000
EX9300-N70	HPS	70	6000	T6	28,500
EX9300-N100	HPS	100	9600	T4	28,500
EX9300-N150	HPS	150	16000	T4	28,500

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EXPLOSION PROOF PLATFORM LIGHT

PN: EX9330

HIGH QUALITY LIGHTING!

CERTIFICATION & APPROVALS

- GB Code:Exd IIC T4/T3, DIP A20 TA□T4/T3
- Ingress Grade: IP65
- Standard; GB3836.1-2000, GB3836.2-2000
- Anticorrosion Grade: WF2

FEATURES: ELECTRODE-LESS (EL)

- It adopts an electrode-less light source, with the service life as long as 60,000 hours.
- It uses a dual chamber explosion-proof design, making it safer in explosive and flammable places.
- It can be operated normally under a wide voltage range. Its bulb lightness will not be affected by the voltage variation without flashover, and it can be started and restarted instantly.
- Strong resistance to corrosion, water and dust, applicable to various harsh environments.
- It has two cable outlets and can be connected with the power supply in series.

FEATURES: METAL HALIDE (MH)
& HIGH PRESSURE SODIUM (HPS)

- High quality and reliable light source.
- light aluminium alloy shell with electrostatic spraying, wear resistant, water proof, dust proof, and anti-corrosion makes the lamp able to be used in hazardous environment
- Lamp base and lamp are connected with a screw threaded mounting type joint□which makes the mounting and repairing easy

APPLICATION:

- Ideal for any potentially inflammable and explosive places like petroleum platform, gas station, oil pump room, transsshipment station, etc. ,as a fixed lighting device.
- Dangerous places in Zone 1, Zone 2, Zone 21, and Zone 22;
- Grade IIA,IIBor IIC explosive gas environment or flammable dust environment;
- Dangerous dust atmosphere in Zone 20, Zone 21 or Zone 22.
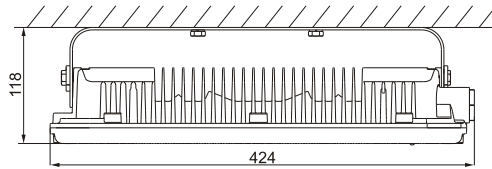
SPECIFICATIONS:

- Rated Voltage□AC220V/50Hz
- Light Source□EL, MH, HPS -150W□250W□400W
- Cable Diameter □ 10mm- 14mm
- protecting hood □Optional Accessory□
- Diameter□ 367×630mm
- Weight: Lamp 5.2kg
  Explosion proof ballast box 4.8kg

Item	Light Source	Watt	Lumen	Temp Class	Life (hrs)
EX9330-W135	EL	150	10800		60,000
EX9330-W165	EL	165	13200		60,000
EX9330-W200	EL	200	16000		60,000
EX9330-J150	MH	150	13000	T4	10,000
EX9330-J250	MH	250	25000	T4	10,000
EX9330-J400	MH	400	36000	T3	10,000
EX9330-N150	HPS	150	16000	T4	28,500
EX9330-N250	HPS	250	27500	T4	28,500
EX9330-N400	HPS	400	40000	T3	28,500

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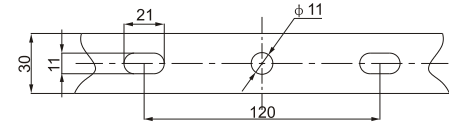E-mail: info@arcoimports.com

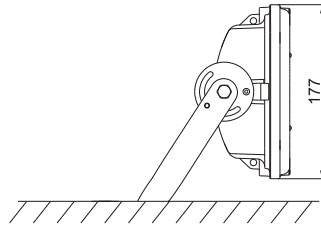## Explosion proof LED Tunnel Light

PN: EXDGS
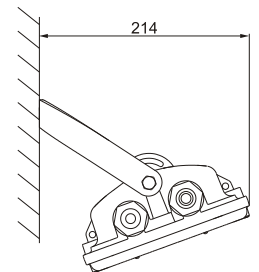

Ceiling mounting(D)

Mounting hole

High Quality LED Lighting!

Pedestal mounting(Z1)

Pedestal mounting(Z2)

Certification & approvals

- CSST Ex Certification Certificate：21020445
- Safety Sign No.：MAH100093, MAH100093
- GB Code：Ex d I
- Grade of Protection： IP66
- Standard：GB3836.1-2000, GB3836.2-2000 MT221-2005

Features:

- White CREE LED Light Source. The lamp has very excellent heat radiation effects, which has effectively solved the problem of LED light degradation due to high temperatures.
- It illuminates in two ways, with even lighting and a longer distance. It is especially suitable for tunnels. When the lamp is hung 3m high, the lighting distance can reach 15m and its even lighting distribution comes to 0.7.
- Strong resistance to corrosion, water and dust, applicable to various harsh environments.
- It is provided with two connectors and can be connected in series.

Application:

- This product is mainly used in dangerous explosive places with gas, such as a coal mine.
- It is also applicable to coal mining tunnels, coal mine construction tunnels, and coal chambers with large rainfall.
- Ambient temperature: -20　+40

Specifications:

- Rated Voltage：AC127v
- Wattage：10w/20W
- Cable Diameter ： 10mm- 14mm
- protecting hood ：Optional Accessory：
- Dimensions：427×127x77mM
- Weight: 4.1kg

Item	Light Source	Watt	Lumen	Life (hrs)
EXDGS10-127L(A)	LED	10	1150	100,000
EXDGS24-127L(A)	LED	24	1185	100,000

PRO VISION

Explosion Proof LED Marker Light

LED Marker Lamp

Certification & Approvals
- IP65
- GB Code: Ex D II C T6
- Anti-Corrosion Grade: WF2

Features
- Explosion Proof design
- Automatic Emergency Function
  - ❏ 3 hours of back-up Light
- Energy Saving
- Maintenance free
- field effective luminescent crystal technics
  - ❏ 10 000hrs
- Installation
  - ❏ Wall Mountable Type
  - ❏ Ceiling mountable type

Applications
- Ideal for any potentially flammable areas such as petroleum exploration sites, chemical industrial plants, and military sites.
- Dangerous Places:
  - ❏ Zones - 1, 2, 21, & 22
- Grade IIA, IIBor, IIC explosive gas environments or flammable dust environments
- Dangerous dust atmosphere in Zone 20,Zone 21,or Zone 22.
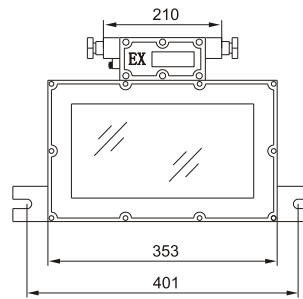- Ambient temperature zones

technical Specifications
- AC 220 V
- 1w LED Light Source
- Cable Diameter
  - ❏ Ø10mm - Ø14mm
- Lamp Diameter
  - ❏ 270 x 324 x 80
- Weight: 3.4kg
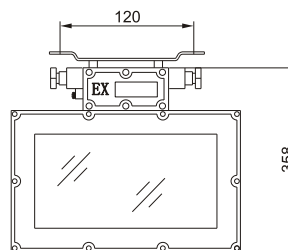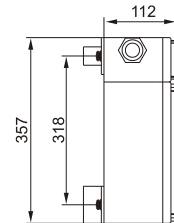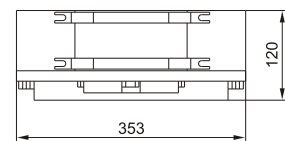- Luminous Flux : 80lm

Explosion Proof!

PN: EP-ML

Wall mounting(B)

Roof mounting(X)

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