



Lightide

# EXPLOSION PROOF LED LIGHT



[www.lightide-tech.com](http://www.lightide-tech.com)



Lightide

# ABOUT OUR COMPANY

Welcome to Lightide! We are thrilled to have you here and excited to share with you our top-of-the-line products. We have designed and produced varieties of explosion-proof led lights. To date, we have provided services to more than 200 companies from 19 countries.





# SERVICE & MISSION

## Service

Your satisfaction is our top priority.

Provide you peace of mind by providing you with customized LED high bay lights and flexible solutions, our team offers flexible services such as

## Mission

to provide businesses and industries with high-performance, emergency backup, and reliable lighting products that meet their unique needs.



# LIGHT YOU CAN TRUST

Undergo rigorous quality and safety testing and are certified with all appropriate tests and certifications. This means that when you receive our LED lighting products, you can be sure that they are the best products on the market at all times. Our products are certified with UL/LC, CE, ATEX, CNEX, and more.



ELHS Series

# LED Highbay

Ex mark: II 2 G Ex d IIC T5 Gb, II 2 D  
Ex tb IIIC T95°C Db IP66

- 90~130 lumens/watt
- CREE LED + Meanwell driver
- 60W, 80W, 100W, 120W
- Anti-corrosion Grade: WF2
- ATEX, CNEX, UL/LC, CE, RoHS
- IP66 rated
- Suitable for Zone I and Zone II. Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.
- 5-year Warranty



ATEX



国家防爆



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EL05 Series

# LED Highbay

Ex mark: II 2 G Ex d IIC T6 Gb, II 2 D  
Ex tb IIIC T80°C Db IP66

- 90~130 lumens/watt
- CREE LED + Meanwell driver
- 20W, 30W, 40W, 50W
- Anti-corrosion Grade: WF2
- ATEX, CNEX, UL/LC, CE, RoHS
- IP66 rated
- Suitable for Zone I and Zone II. Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.
- 5-year Warranty



EPLA Series

# LED Highbay

Ex mark: Ex d IIC T6 Gb  
Ex tD A21 IP66 T80°C

- 90~130 lumens/watt
- CREE LED + Meanwell driver
- 20W, 40W, 50W, 60W, 80W
- Ex Mark: Ex d IIC T6 Gb , Ex tD A21 IP 66 T80°C
- Anti-corrosion Grade: WF2
- CNEX, CE, RoHS
- IP66 rated
- Class1, Division2, Group A, B, C and D
- 5-year Warranty



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CNEX

国家防爆

CE

RoHS  
compliant

EPHA Series

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# LED Highbay

Ex mark: UL Class 1, Division 2,  
Groups A, B, C and D

- 90~130 lumens/watt
- CREE LED + Meanwell driver
- 10W, 15W, 20W ,25W, 30W
- Anti-corrosion Grade: WF2
- UL, CE, RoHS
- IP67 rated
- UL Class1, Division2, Group A, B, C and D
- 5-year Warranty



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CE

 RoHS  
compliant

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EHBA Series

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# LED HIGHBAY

Ex mark: II 2G Ex de IIC T6 Gb  
II 2D Ex tb IIIC T80°C Db IP66

- 90~130 lumens/watt
- CREE LED + Meanwell driver
- 60W, 80W, 100W, 120W, 150W, 180W, 200W
- Explosion-proof Grade: Class 1/2, Division 1/2
- Anti-corrosion Grade: WF2
- IECEX, ATEX, CNEX, CE, RoHS
- IP66 rated
- Suitable for Zone I and Zone II. Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.
- 5-year Warranty



ELHA Series



# LINEAR LED LIGHT

Ex mark: Exn Rd IIB T6 Gc Ex de II C  
T6/ DIP A20 TA, T6

- >100 lumens/watt
- 20W, 40W, 60W
- Ex Mark: Exn Rd IIB T6 Gc
- Anti-corrosion Grade: WF2
- ATEX, CNEX, CE, RoHS
- IP66 rated
- Suitable for Zone I and Zone II. Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.
- 5-year Warranty



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EX03-EP Series

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CNEX  
国家防爆

# LED EXIT SIGN

Ex mark: Ex d II B T6 Gb, DIP A21 Ta, T6

- 100-277VAC, DC24-48V
- 3W
- Anti-corrosion Grade: WF2
- CNEX, CE, RoHS
- IP65 rated
- Emergency Battery 3W/90~180 Minutes
- Suitable for explosive gas environment zone 1 and zone 2, IIA, IIB, IIC explosive gas environment. Hazardous location: 20 zone, 21 zone, 22 zone. Temperature group for T1-T6
- 5-year Warranty



CE

RoHS  
compliant



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EPHA Series



# LED WALL LIGHT

Ex mark: Ex n R IIC T6 Gb

- 80 lumens/watt
- 20W, 30W, 40W, 50W
- Ex Mark: Ex n R IIC T6 Gb
- Anti-corrosion Grade: WF2
- ATEX, CNEX, CE, RoHS
- IP65 rated
- High-duty die-casting aluminum case
- 5-year Warranty



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CE

RoHS  
compliant

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## SW-10/SW-16

Ex Mark: ExdIICt6Gb/ExtDA21IP66T80

Waterproof: IP66 Rated

Anti-corrosion Grade: WF2

Cable Entry: G3/4"

Material: Die-casting aluminum

Rating: 10A, 16A



## BXK

Ex Mark: ExdIICt6Gb/ExtDA21IP65T80

Waterproof: IP65 Rated

Anti-corrosion Grade: WF2

Cable Entry: G1", G3/4"

Material: Die-casting aluminum

Rating: 380V, 10A



# EXPLOSION-PROOF

# EX LIGHT SWITCH

## Application:

- Explosive gas atmosphere Zone 1 and Zone 2
- Combustible dust areas Zone 21 and Zone 22
- Explosive gas mixture classification IIA, IIB, IIC
- Explosive gas ignition temperature group T1-T6

# Explosion-Proof ACCESSORIES



**BHJ**

Ex Mark: Exd IICT6Gb  
Waterproof: IP66 Rated  
Anti-corrosion Grade: WF2  
Cable Entry: G1", G3/4"  
Material: Die-casting aluminum  
Rating: AC220/380V, 20A

Junction-Box



**EXEP**

Waterproof: IP66 Rated  
Anti-corrosion Grade: WF2  
Cable Entry: G1", G3/4"  
Material: Zinc Plated Carbon Steel

Extension  
Pipe



**BNG**

Ex Mark: Exd IIC CGb/Ext DA21 IP66  
Waterproof: IP66 Rated  
Anti-corrosion Grade: WF2  
Cable Entry: NPT 3/4, G3/4"  
Material: PVC/Steel/SUS304  
Length: 70cm/100cm/150cm

Connecting  
Pipe

# EXPLOSION-PROOF CASE



Oil Refinery



Industrial Factory



Chmical Plant



# GET IN TOUCH



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# THANK YOU

You are correct to choose our excellent Explosion-proof led lighting fixtures from us to suit all your project's needs.

