

# Reliable explosion proof lighting





## Zone 1



II 2G Ex eb mb IIC T4 Gb

II 2D Ex tb IIIC T85°C Db

ATEX certificate No: INERIS 22ATEX0035X

IECEX certificate No: IECEX INE 22.0059X

### STRONGEx1 G2

Zone 1, 21



Extreme robustness, suitable for outdoor

- Openable, to facilitate installation.
- High chemical and impacts resistant PMMA profile.

Up to 7,400lm  
Up to 160lm/W  
L80 100,000 h

IP66 / IP69(80°)  
IK10



II 2G Ex db IIC T6 Gb

II 2D Ex tb IIIC T85°C Db

ATEX certificate No: INERIS 20ATEX0006X-01

IECEX certificate No: IECEX INE 20.0005X-01

### KRATEx

Zone 1, 21

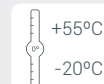


Connected lighting with a wide range of options

- Made in UV resistant polycarbonate IK10, or borosilicate glass, with aluminium alloy end caps.
- Flame proof, with protection mode Ex db.
- Through wiring, emergency kit, DALI and Bluetooth dimming available.

Up to 14,100lm  
Up to 180lm/W  
L80 50,000 h

Glass: IK07 / IK09  
PC: IK10



II 2G Ex db IIC T6 Gb

II 2D Ex tb IIIC T85°C Db

ATEX certificate No: INERIS 22ATEX0031X

IECEX certificate No: IECEX INE 22.0049X

### KRATEx EMR

Zone 1, 21



Specific versions for emergency applications

- Emergency version with 1 or 3-hours built-in battery back up, made of Ni-Cd.
- Compliant with gas groups IIA, IIB, IIC, due to its reduced MESG, making it perfect for almost all ATEX environments.

L80 50,000 h

IP66  
IK10



ATEX certificate No: OBAC 21 ATEX 0135X  
IECEX certificate No: IECEX OBAC 21.0003X

### OREx1 G2

Zone 1, 21



High bay lighting specific for explosive environments

- With extreme resistance thanks to its copper-free aluminium housing and its glass cover, suitable for outdoor.
- Flameproof version with safety protection device.

Up to 25,600lm  
160lm/W  
L80 90,000 h

IP66 / IP67  
IK10



Increased safety

II 2G Ex eb ib mb op is IIC T5..T4 Gb

II 2D Ex tb op is IIIC T95°C..T121°C Db

Increased safety / high temperature

II 2G Ex eb ib mb op is IIC T4 Gb

II 2D Ex tb op is IIIC T121°C Db

Flameproof

II 2G Ex db eb ib mb op is IIC T5 Gb

II 2D Ex tb op is IIIC T95°C Db



## Zone 2



Ⓢ II 3G Ex ec IIC T6..T4 Gc  
 Ⓢ II 3D Ex tc IIIC T85°C Dc  
 ATEX certificate No: INERIS 22ATEX3012X  
 IECEx certificate No: IECEx INE 22.0060X

### STRONGEx2 G2

Zone 2, 22



Robust luminaire with increased safety protection, suitable for outdoor

- Different lengths with high efficiency.
- DALI dimmable versions, optional emergency kit.

Up to 8,500lm  
 Up to 182lm/W  
 L80 100,000 h

IP66 / IP69(80°)  
 IK10

+55°C  
 -30°C



Ⓢ II 3G Ex ec IIC T6 Gc  
 Ⓢ II 3D Ex tc IIIC T85°C Dc  
 ATEX certificate No: OBAC 19 ATEX 0206X  
 IECEx certificate No: IECEx OBAC 23.0005X

### ACQUEx

Zone 2, 22

Extremely simply, safe and reliable

- Compressed fibreglass reinforced polyester housing.
- Impact resistant polycarbonate diffuser, and stainless steel closing clips.
- With optional emergency kit.

#### ACQUEx LED-M, with LED module



Up to 8,000lm  
 Up to 150lm/W  
 L80 100,000 h

IP66  
 IK10

+50°C  
 -20°C

#### ACQUEx LED-T8, with LED tube



Up to 6,000lm  
 Up to 122lm/W  
 L80 50,000 h

IP66  
 IK10

+40°C  
 -20°C



Ⓢ II 3G Ex ec op is IIC T5..T4 Gc  
 Ⓢ II 3D Ex tc op is IIIC T80°C..T115°C Dc  
 ATEX certificate No: OBAC 21 ATEX 0135X  
 IECEx certificate No: IECEx OBAC 21.0003X

### OREx2 G2

Zone 2, 22



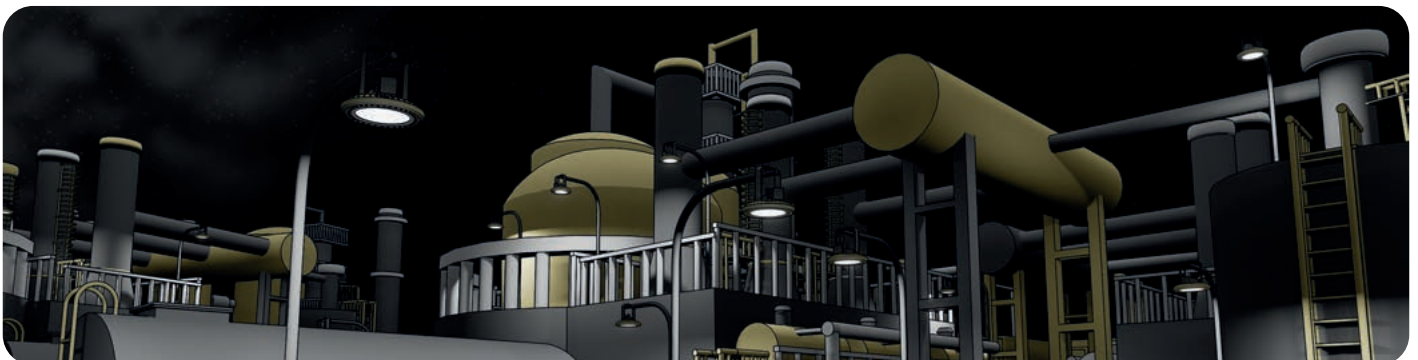
Copper-free high bay explosion proof luminaire

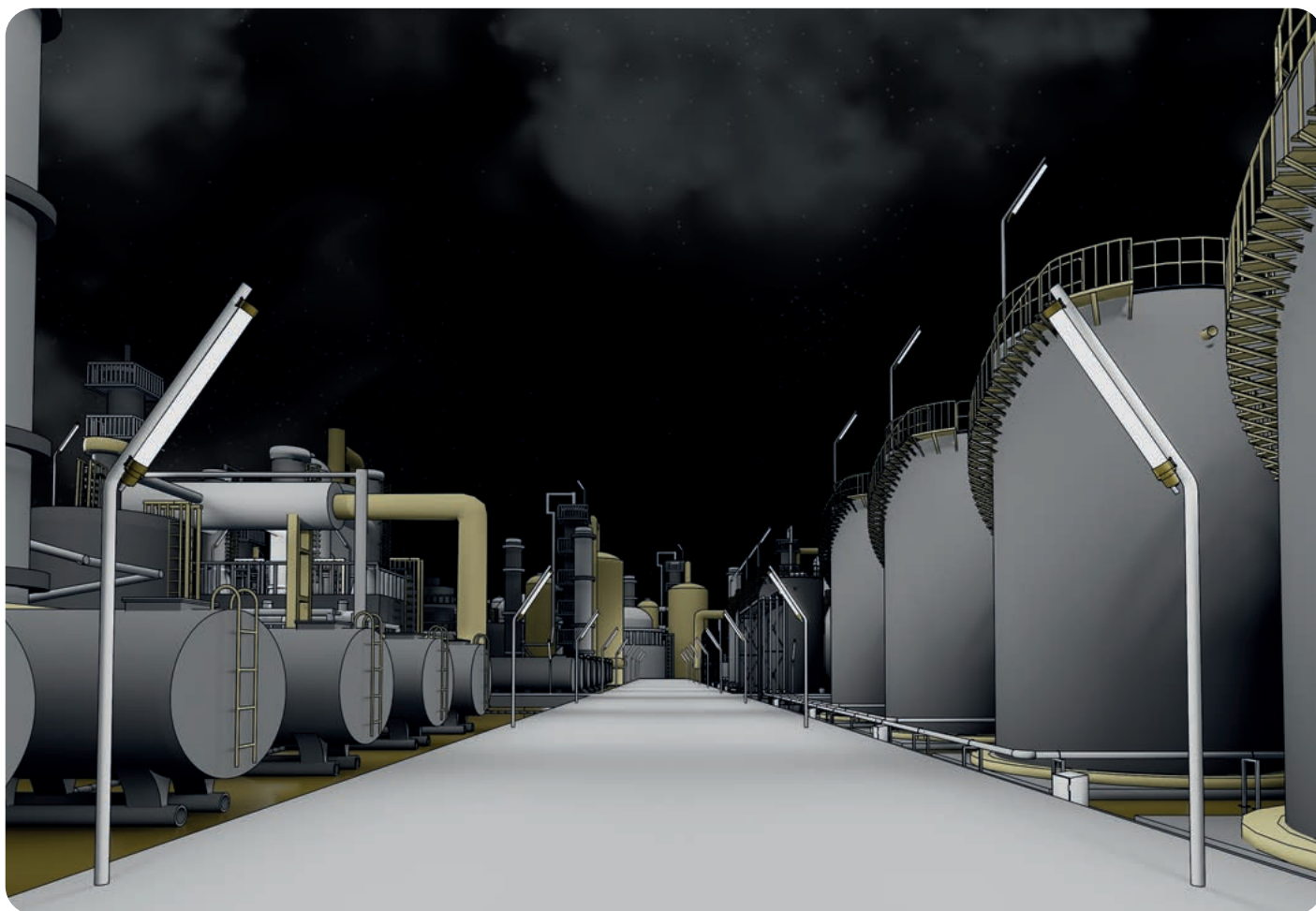
- Wide input voltage range for different regions and industries.
- With mounting and connection accessories to make installation easier.

Up to 41,850lm  
 155lm/W  
 L80 90,000 h

IP66 / IP67  
 IK10

+75°C  
 -32°C





## Why ZALUX is your reliable partner for safe luminaires suitable for Ex-zones?

### 45 years experience

Specialized in the development and **manufacturing in Europe** of luminaires with high protection ratings. Our solutions have been installed in chemical, oil & gas or heavy industries in **more than 70 countries**.

### Certified quality

Zalux luminaires comply with **ATEX – IECEx standards**, as well as CE and ROHS marks. Their quality is the result of **reliable processes** and **consistent testing**.

### Registered partner

We are a registered vendor in major **EPC companies** and oil and gas end users globally. Our processes and products comply with the **strict requirements** of the most demanding industries.

### Specialised team

Our **experienced team** cares for the continuous improvement of our luminaires and is **at your disposal** to help you find the appropriate lighting solution for each project.

## What can you expect from our explosion proof LED luminaires?

### Safety

Compliance with **electrical, temperature or resistance tests**, some of which are carried out in our laboratories, together with **fully sealed products up to IP69(80°)**, guarantee that Ex-certified luminaires are suitable for hazardous areas where strict requirements must be met.

### Reliability

We choose high quality materials for each application, from impact resistant PMMA, borosilicate glass or 316L stainless steel, among others, to offer **maximum robustness**.

EX luminaires are used during long times in challenging locations, so they offer a **great resistance** to acids, sulphur or salty environments.

### Durability

Optimal thermal management allows a **long lifetime** up to 100,000 hours. Together with the low failure rate of electrical components and the **high energy efficiency**, it implies **nearly zero maintenance** while keeping lighting quality, which represents **huge savings**.

**5 YEARS**  
warranty

[www.zalux.com](http://www.zalux.com)

