zalux

Reliable explosion proof lighting

Zone 1

STRONGEx1 G2 Zone 1,21

CE ⟨Ex⟩ IECEx HACCP

Extreme robustness and resistance against impacts and chemical agents

- Gas tight luminaire, suitable for outdoor applications.
- High impact resistant PMMA profile.

Up to 5,600lm	IP66 / 69K	+55°C
Up to 165lm/W	IK10	-35°C
L80 100,000 h		

⟨Ex⟩ II 2G Ex eb mb IIC T4 Gb
⟨Ex⟩ II 2D Ex tb IIIC T85°C Db

ATEX certificate No: INERIS 22ATEX0035X
IECEX certificate No: IECEx INE 22.0059X

KRATEx Zone 1,21

CE ⟨Ex⟩ IECEx

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 dB.
- Through wiring, emergency kit, DALI and Bluetooth dimming available.

Up to 11,750lm	IP66	+55°C
Up to 150lm/W	Glass: IK07/IK09	-20°C
L80 50,000 h	Pc: IK10	

⟨Ex⟩ II 2G Ex db IIC T6 Gb
⟨Ex⟩ II 2D Ex tb IIIC T85°C Db

ATEX certificate No: INERIS 20 ATEX 0006X
IECEX certificate No: IECEx INE 20.0005X

OREx 1 Zone 1,21

CE ⟨Ex⟩ IECEx

High bay lighting specific for explosive environments

- With extreme resistance thanks to its copper-free aluminium housing and its glass cover, suitable for outdoor.
- DALI and 1-10V dimmable optional

Up to 24,000lm	IP66	+75°C
150lm/W	IK10	-32°C
L80 90,000 h		

⟨Ex⟩ II 2G Ex eb ib mb op is IIC T5...T4 Gb
⟨Ex⟩ II 2D Ex tb op is IIIC T95°C...T121°C Db

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

Ex Zone 2

STRONGEx2 G2 Zone 2,22

CE ⟨Ex⟩ IECEx HACCP

Robust explosion proof luminaire with increased safety protection, suitable for outdoor

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

Up to 8,500lm
Up to 181lm/W
L80 100,000 h

IP66 / IP69K
IK10

+55°C
-36°C

Bluetooth Optional self-certified

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

STRONGEx 2 Zone 2,22

CE ⟨Ex⟩ HACCP

High resistance against impacts and chemical agents

- Gas tight luminaire, to prevent ingress and condensation of gases and to withstand acids and sulphur vapours.
- Optional wireless control, DALI dimming and presence / daylight sensors.

Up to 6,200lm
Up to 150lm/W
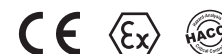L80 100,000 h

IP66 / IP69K
IK10

+55°C
-35°C

Bluetooth

Ex II 3G Ex ec IIC T6...T5 Gc
Ex II 3D Ex tc IIIC T85°C...T100°C Dc

ATEX certificate No: OBAC 20 ATEX 0334X

ACQUEx Zone 2,22

CE ⟨Ex⟩ HACCP

Extremely simply, safe and reliable for explosive atmospheres

- Compressed fibreglass reinforced polyester housing.
- Impact resistant polycarbonate diffuser, and stainless steel closing clips.
- With PA ATEX cable gland to make installation easier, and optional emergency kit.

Up to 8,000lm
Up to 155lm/W
L80 70,000 h

IP66
IK10

+50°C
-20°C

II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIIC T85°C Dc

ATEX certificate No: OBAC 19 ATEX 0206X

OREx 2 Zone 2,21
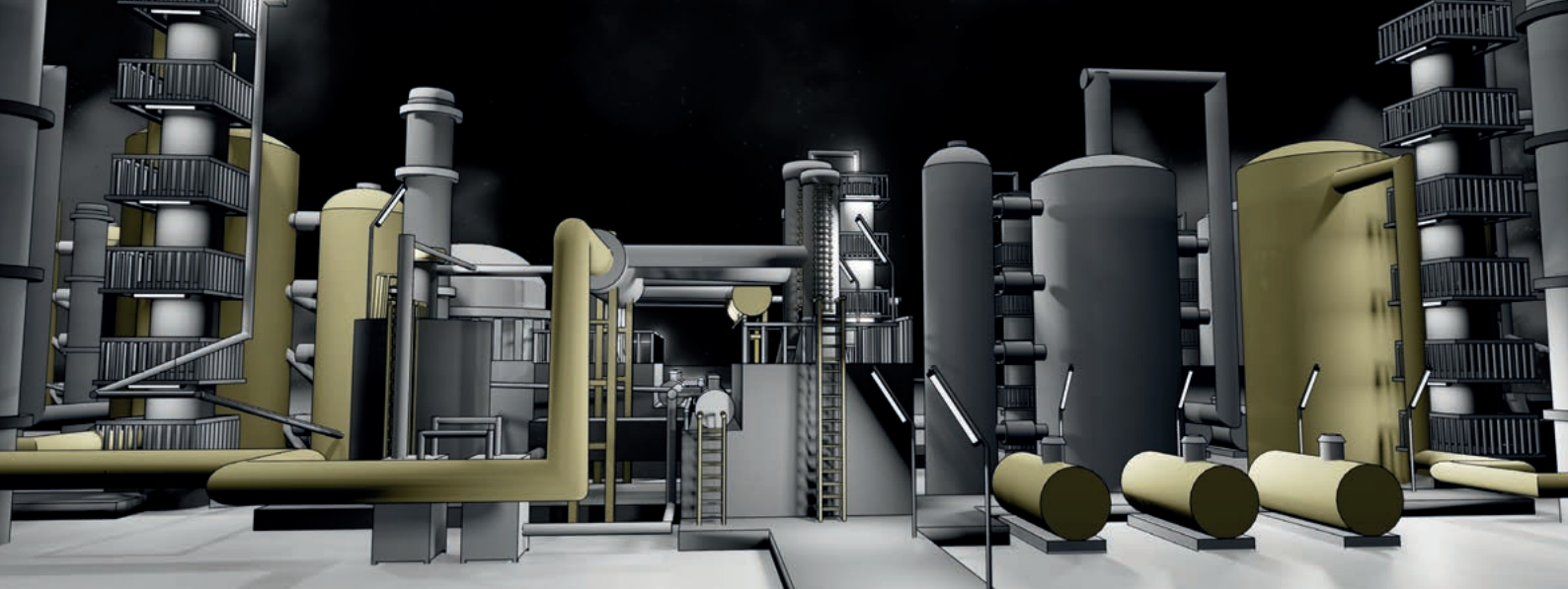
CE ⟨Ex⟩ IECEx

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 40,500lm
150lm/W
L80 90,000 h

IP66 / IP67
IK10

+75°C
-32°C

II 3G Ex ec op is IIC T5...T4 Gc

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

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

40 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.**
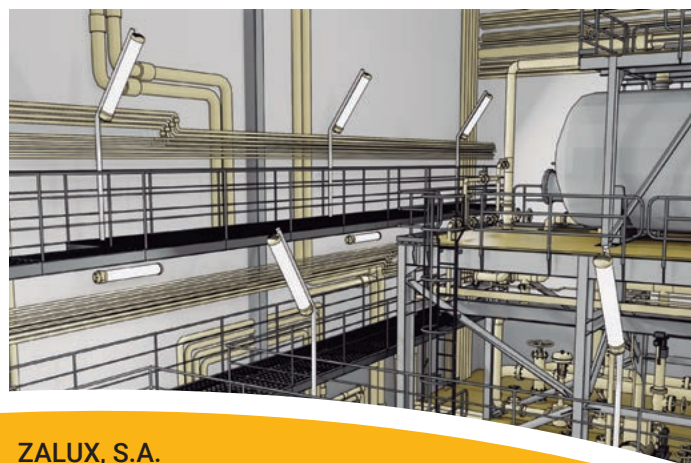
Certified quality

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 IP69K,** 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

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The partner you can trust

10325530 Data subject to change. - Brochure ATEX luminaires 2023.2