ATM
lighting

LED
EXPLOSION-PROOF
LIGHT FIXTURES

## FOR ZONES 1,21 & 2,22

IECEx

ATEX

170 lm/W

OUR COMPANY

We are a Polish manufacturer of specialized, industrial lighting fixtures. We have been creating advanced and innovative solutions for over 11 years. We specialize in structures dedicated to difficult working conditions and harsh environments.

We design, manufacture and sell lighting fixtures dedicated to various market sectors. Our offer is divided into five main divisions: explosion-proof fixtures and accessories, vandal-proof fixtures (for railway infrastructure and tunnels), fixtures for prisons and penitentiary establishments, heavy-duty light fixtures for industry and street tunnel lighting.
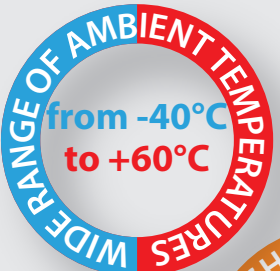
We support our clients at each stage of selecting and designing lighting. In cooperation with customers we develop special solutions dedicated to a specific project and application.
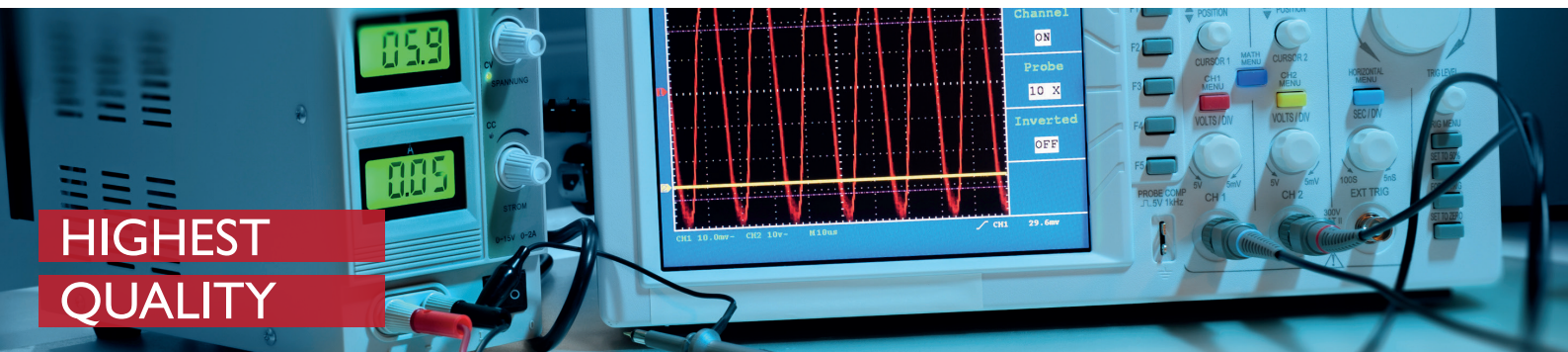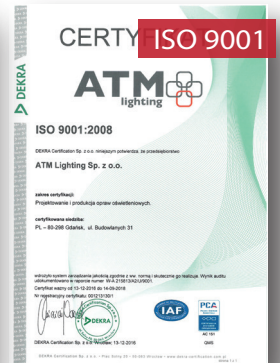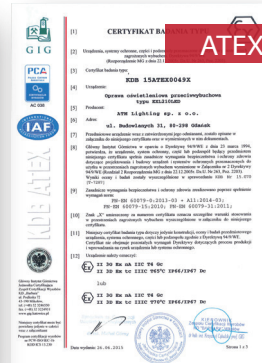
HIGHEST QUALITY

Our range of explosionproof light fittings consists of 2 product series. The **EXF series** is a specialized group of explosion-proof luminaires for the **zone 1,21** of the explosion hazard of gases, vapors and mists of flammable liquids with air. Characteristic feature of this group are special, designed by us, encapsulated LED modules suitable for operation in such demanding conditions.
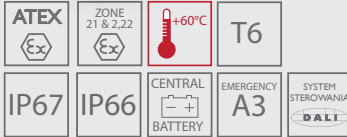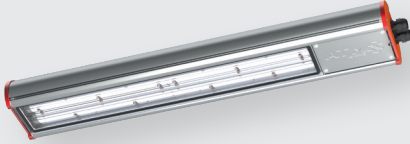
Our Zone 21, 2&22 fixtures **are available with optional** DALI compatible drivers which allows to monitor and control lighting.

For the production we use only the highest quality materials from reputable manufacturers. Thanks to strict quality control procedures, we can offer products that guarantee long and trouble-free operation.

ADVANTAGES OF OUR PRODUCTS

WIDE RANGE OF AMBIENT TEMPERATURES
from -40°C to +60°C

HIGH EFFICIENCY
over 170 lm/W

CERTIFICATE IECEx
IECEx

IECEx

ATEX

ISO 9001

NEW

II 3G Ex ec IIC T6/T5 Gc
II 2D Ex tb IIIC T75°C/T100°C Db

EXL400LED

Explosion-proof light ixture with LED modules. Designed to work in the zone 21 & 2.22 of the explosion hazard of gases, vapors and mists of flammable liquids with air, as well as of flammable dusts and fibers. The **housing is made of aluminum** and the diffuser is made of polycarbonate or tempered glass.

Optional version with 24VDC supply, autonomous A3 power source or DALI control system.
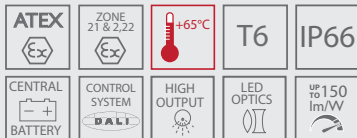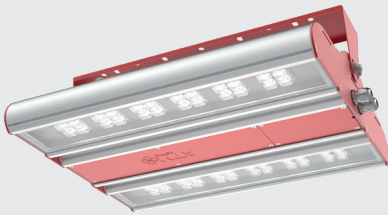
| ATEX | ZONE 21 & 2,22 | +60°C | T6 |
| IP67 | IP66 | CENTRAL BATTERY | EMERGENCY A3 | SYSTEM STEROWANIA DALI |

ATEX certified

EXL400LED-..-EXIT

Special version of the light fitting designed to illuminate escape routes in explosion hazard zones.

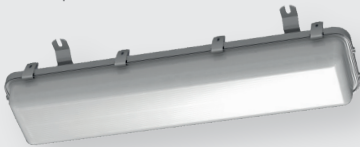II 3G Ex ec IIC T6 Gc
II 2D Ex tb IIIC T70°C Db

EXL450LED

Explosion-proof floodlight with LED modules and various types of optics with a **maximum luminous flux of 34,000 lm**. It is designed for operation in zones 21 & 2.22 of the explosion hazard of gases, vapors and mists of flammable liquids with air, as well as of flammable dusts and fibers. Housing made of **high-quality anodized aluminum**. Diffuser made of polycarbonate or tempered glass. Mounting brackets made of stainless steel.

Very wide operating temperature range from -40 ° C to + 65 ° C. Optional version with DALI control system and protective net.

| ATEX | ZONE 21 & 2,22 | +65°C | T6 | IP66 |
| CENTRAL BATTERY | CONTROL SYSTEM DALI | HIGH OUTPUT | LED OPTICS | UP TO 150 lm/W |

II 3G Ex ec op is IIC T4 Gc
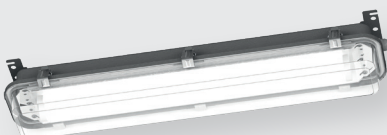II 2D Ex tb op is IIIC T70°C IP66/67 Db

EXL210LED

Explosion-proof light fixture with LED modules, designed to work in zones 21 and 2,22 of explosion hazard.

Optional version with autonomous A3 power source or DALI control system.

| ATEX | ZONE 21 & 2,22 | CONTROL SYSTEM DALI | 3h emergency |

II 3G Ex ec op is IIC T4 Gc
II 2D Ex tb op is IIIC T70°C IP67 Db

EXL310LED

Explosion-proof light fitting with LED modules and special optics. Designed to work in zones 21 and 2,22 of explosion hazard. EXL310LED has a **high degree of impact resistance IK10**. A version compatible with the **DALI control system and emergency versions ZB or A3 are also available**.

| ATEX | ZONE 21 & 2,22 | +50°C | IK10 | CONTROL SYSTEM DALI | CENTRAL BATTERY |

EXPLOSION-PROOF LIGHT FIXTURES

INSTALLATION: OIL TANKS

NEW

II 2G Ex ec IIC T5 Gb
II 2D Ex tb IIIC T70°C Db

-40°C +55°C ATEX ZONE 1,21 & 2,22 IP67 IP66 CENTRAL BATTERY CONTROL SYSTEM DALI
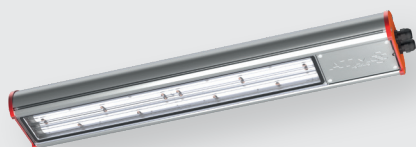
EXF400LED

Explosionproof light fixture with **encapsulated LED modules**. Designed to work in zones 1,21 & 2,22 of the explosion hazard of gases, vapors and mists of flammable liquids with air, as well as of flammable dusts and fibers. Housing made of high-quality anodized **aluminum**. Diffuser made of polycarbonate or tempered glass. **Optional version with DALI interface.**

II 2G Ex ec IIC T6/T5 Gb
II 2D Ex tb IIIC T75°C/T100°C Db

-40°C +55°C ATEX ZONE 1,21 & 2,22 IP68 CONTROL SYSTEM DALI CENTRAL BATTERY
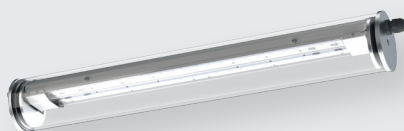
EXF242LED

Explosion-proof, tubular light fixture with encapsulated LED modules. Designed to work in zones 1,21 & 2,22 of the explosion hazard of gases, vapors and mists of flammable liquids with air, as well as of flammable dusts and fibers. **Diffuser made of borosilicate glass. Stainless steel or aluminum endcaps. Very high degree of protection IP68.**

II 2G Ex eb mb op is IIC T5 Gb
II 2D Ex tb op is IIIC T55°C-T70°C IP66/67 Db

IECEx ATEX ZONE 1,21 & 2,22 -40°C +60°C IP66 IP67 110-254 VAC 3h emergency
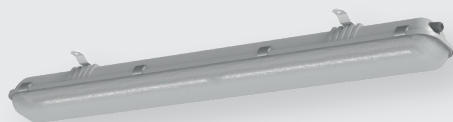
EXF250LED

Explosionproof light fitting with **encapsulated LED modules**. Designed for use in zones 1,21 and 2,22 of explosion hazard areas. Housing is made of GRP, diffuser is made of PMMA or UV stabilized polycarbonate. This light fittting is optionally available to use with **central battery (ZB)** or with an autonomous, **3h emergency power supply unit (A3)**.

II 2G Ex eb mb op is IIC T5 Gb
II 2D Ex tb op is IIIC T55°C-T70°C IP67 Db

ATEX ZONE 1,21 & 2,22 +60°C IK10 110-254 VAC CENTRAL BATTERY
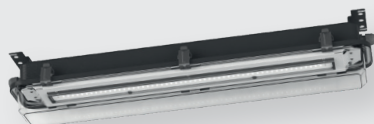
EXF300LED

Explosionproof light fitting with encapsulated LED modules. Designed for use in zones 1,21 and 2,22 of explosion hazard areas. Housing is made of **stainless steel**, UV stabilized polycarbonate diffuser. EXF300LED has a **high degree of impact resistance IK10**. It is also optionally available to use with **central battery (ZB)** or with **3h emergency power supply unit (A3)**.

II 2G Ex eb mb ec op is IIC T5 Gb
II 2D Ex tb op is IIIC T70°C Db

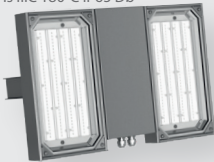ATEX ZONE 1,21 & 2,22 +55°C IP65 CENTRAL BATTERY 3h emergency
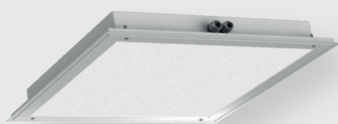
EXF390LED

Explosionproof coffer light fitting with **encapsulated LED mdules**, designed to use in zones 1,21 and 2,22 of explosion hazard areas. The luminaire is available in three different versions: **modular coffered ceiling version, recessed version for suspended ceiling and surface version.**

II 3G Ex ec op is IIC T4 Gc
II 2D Ex tb op is IIIC T80°C IP65 Db

IECEx | ATEX | ZONE 1,21 & 2,22 | HIGH EFFICIENCY | IP65 | LED OPTICS | CONTROL SYSTEM DALI

EXL380LED

Explosion-proof floodlight with LED modules and special optics. Designed to work in zones 21 and 2,22 of explosion hazard. The **maximum flux is nearly 17,000lm**. Housing made of brushed or powder coated stainless steel. Optionally can be equipped with protective grid and DALI comaptible driver.

II 3G Ex ec op is IIC T4 Gc
II 2D Ex tb op is IIIC T70°C IP65 Db

IECEx | +50°C | ATEX | ZONE 1,21 & 2,22 | IP65 | CENTRAL BATTERY | CONTROL SYSTEM DALI
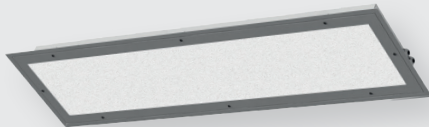
EXL390LED

Explosion-proof coffer luminaire with LED modules, designed to work in zones 21 and 2, 22 of explosion hazard. The luminaire is available in two different **shapes for 600x600 or 1200x300 modular ceilings**. Additional accessories allows to use it as surface mounted or recessed into a suspended ceiling.

EXPLOSION-PROOF EQUIPMENT

RK01

SKX14/1

SKX13/10

SKX12/34

SKX 13/1

SKX12/22

SKX12/33

SKX15/11-11

ATM Lighting sp. z o.o.
ul. Maszynowa 30A
80-298 Gdańsk
POLAND

ph.: +48 58 347 51 07
office@atmlighting.pl

www.atmlighting.pl

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