



Atexxo Manufacturing
Specialist in ATEX and IECEx Equipment




Compact and Powerful ATEX LED SPOT Light 12V DC

The EX-LED-SPOT is compact and powerful, designed for universal applications in potentially explosive environments ATEX zone 2 and 22. The explosion-safe EX-LED-SPOT can be used on machines, vehicles and ships in the (petro) chemical industry, and that need to comply with ATEX regulations.

The ATEX SPOT is maintenance free and has a high power 10 Watt LED chip. (10 Watt LED equals 60W Halogen spot).

The housing is made of high grade Aluminum. It's IP-rating of 65, makes the EX LED SPOT perfectly suited for outdoor use in harsh environments. The Led has an input of 12 VDC. The light is shock, impact and vibration proof and is standard delivered with 5 meter cable.

Explosion Safety	CE  II 3 GD; Ex nA IIB T4 Gc ; Ex tc IIIC T135°C Dc IP 65
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Benefits:

- Low power consumption 10W-12vDC
- Rated life time + 100.000 hours
- Indoor and outdoor use
- Maintenance free
- Atex Zone 2 and 22
- Shock and Vibration proof

Applications:

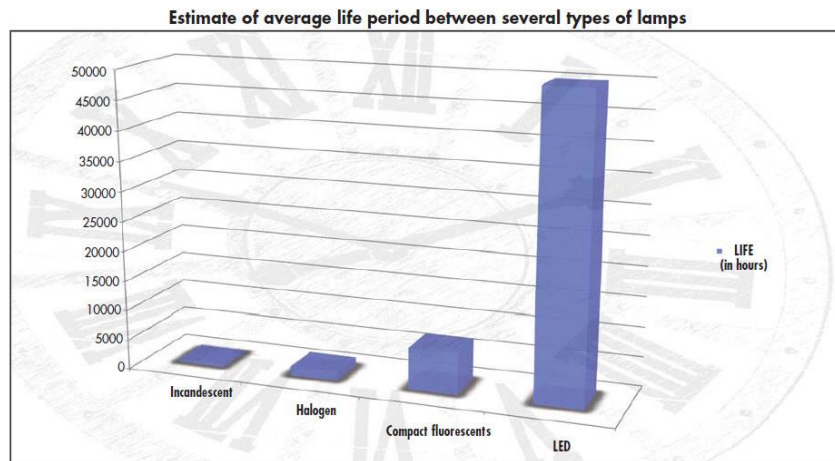
- EX Vehicles
- Machines / Laboratory equipment
- (Petro) chemical industry
- Harsh environments
- Marine / Ships / Vessels
- Illumination of pipelines

Why use the EX-LED-SPOT in an explosion safe environment?

LED lights have the longest life time and are most energy efficient of all lighting products. Because the LED lights are completely maintenance free they are, the choice in explosion safe environments.

Fluorescents lights need to be replaced 10 times in the lifetime of an EX LED SPOT. With LED light there is no downtime or disasters risk due to replacement operations.

Do it right the first time!



The respect of two basic conditions, the internal temperature and the intensity of current, guarantees a life of LEDs equal to 100,000 hours.

- Body Material:** Die Cast Aluminum
- Colour Housing :** Silver
- Colour Temperature LED :** Standard White 6500k / Warm White 2700k
- Ingress Protection:** IP65
- Dimension:** 75x75x100mm 0.4KG
- ATEX:** Zone 2 and 22, II 3 GD
- LED Life Span:** 50,000 – 100,000 expected hours

The table below; ordering information and comparison in light emission between halogen light
The EX-LED-SPOT is standard delivered with 5meter cable, longer cable can be produced on request.

ATEX EX-LED-SPOT ORDER NUMBER	Power output ATEX LED LIGHT	Input Voltage	LED Colour	Nomimal Lumen	Light emission equals Halogen spot of
EX-LED-SPOT-12V-SW	10W	12v Dc	6.500K (SW)	900	60W
EX-LED-SPOT-12V-WW	10W	12v Dc	2.700K (WW)	900	60W