



**ATEX & IECEx
Floor Spot**



EXCEN's **ATEX & IECEx Floor Spot** is a **high-visibility safety lighting** system designed to enhance awareness and **prevent collisions** in hazardous environments and it is suitable for use on industrial vehicles operating in **classified areas**, such as forklifts, tow tractors, and other material-handling equipment; it consists of two powerful, anti-glare LED units that project a bright, **clearly defined beam** onto the floor surface — either in front or behind the vehicle — **warning pedestrians and other operators of its approach**.

The light can be configured to operate in **steady or flashing mode**, allowing adaptation to different **worksite conditions and visibility requirements**. It helps create a safer, more predictable environment in aisles, intersections, and areas with limited visibility.

Built with advanced LED technology, the beacon combines **high light intensity** with **low energy consumption** and **minimal heat emission**, ensuring a service life exceeding 20,000 hours. Its **shock- and vibration-resistant** construction guarantees reliability even under the most demanding conditions.

Available in blue or red light versions.

The unit is supplied with a cable complete with connectors for quick installation.

■ Typical Applications

- Pedestrian Safety in Warehouses
- Workplace Safety in Low-Visibility Areas
- Noise-Sensitive Environments
- Indoor and Outdoor Material Handling

■ Marking

EU Type Examination: SEV 19 ATEX 0309 X

IECEx Type Examination: IECEx 25.0003 X

Marking with connector:

ATEX II 2G Ex eb mb op is IIC T5 Gb

ATEX II 2D Ex mb op is tb IIIC T100°C Db

Marking without connector:

ATEX II 2G Ex mb op is IIC T5 Gb

ATEX II 2D Ex mb op is IIIC T100°C Db

@**Tamb: -20 °C ÷ +50 °C**

■ Specifications

Driving path warning system:
Early Alert:

Increasing safety in aisles and at crossings with poor visibility.

The ground-projected beam warns of the approaching vehicle in advance, allowing pedestrians sufficient time to move out of its path.

All-Direction Safety:

Can be used when driving both forward and backward.

LED Technology:

Anti-glare, high-intensity, and energy-efficient lighting.

Long Service Life:

Operates at very low temperatures, ensuring extended lifespan.

Durability:

Shock- and vibration-resistant construction.

Versatility:

Available with red or blue LED beam.

Well-received:

Provides visual warning without the need for additional disruptive acoustic alarms, both from Drivers and Pedestrians.

■ Technical characteristics



- **Input Voltage:** 12÷110 V dc – 7,2 W

- **Size:** mm 146x98

- **Weight:** 0,9 kg

- **Current draw:** 0,5A @ 12Vdc / 0,12A @ 60 Vdc / 0,08A @ 110Vdc

- **Lamp:** LED light with a red or blue light spot

- **IP Protection:** IP67

- **Body Colour:** Black

- **Durability:** Resistant to shocks and vibrations

- **Models:** FAM01BS (Blue Light) – FAM01RS (Red Light)

■ Dimensions

