

INSTRUCTIONS



ATEX LED LINE

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ATEX LED LINE


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1. General characteristics

ATEX LED LINE luminary series has been designed to operate in zones with risk of explosion, of category 3, material group II, to be used at zones 2 and 22, according to the ATEX 2014/34/EU directive.

The luminary covering is made with aluminium whereas the diffuser is made with epoxy injected resin. On the other hand, the irreplaceable cable, allows ATEX LED LINE luminary series to have an IP66/68.

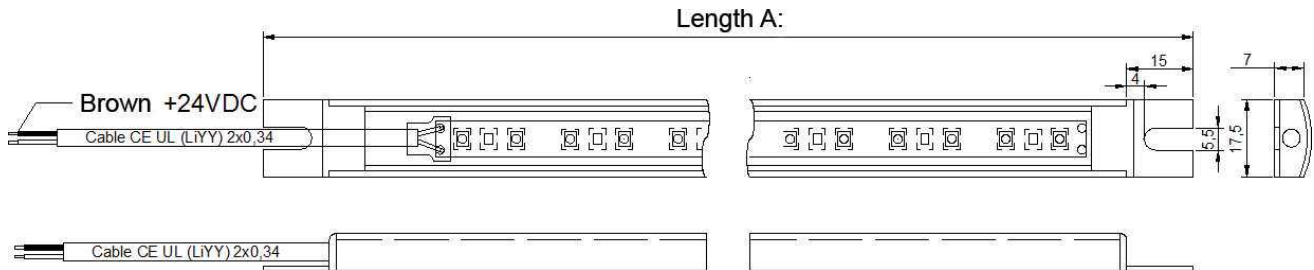
2. Technical data

Materials:	Anodized aluminum, color RAL9010 Epoxy resin Cable PVC
Explosion protection:	 II 3GD Ex mc IIC T6 Gc Ex mc IIIC T85°C Dc -20°C ≤ Ta ≤ +45°C
Certificate:	LOM 13 ATEX 4081 X
Ambient temperature:	-20°C ≤ to ≤ +45°C
Ingress protection:	IP66/68 according to EN60529 IK08 according to EN50102
Range voltage:	+24VDC
Range power:	ATEX LED LINE 8xx: 8,4W ATEX LED LINE 13xxx: 14,64W
Electric shock protection:	Class III
Connection type:	Z

3. Selection table

Selection table:			
Description:	Cable lenght:	Lenght A:	Article no.:
ATEX LED LINE 410	10 m	400 mm	1A2101
ATEX LED LINE 810	10 m	800 mm	1A2102
ATEX LED LINE 1310	10 m	1300 mm	1A2103
Options: ATEX LED LINE xxxx/2/yyy two light fitting in series. Other options on request.			

4. Dimensions



5. Installation and mounting

The luminaire has to be installed by a qualified electrician.

Take into consideration the EN60079-14 regulation, during the luminaire mounting and initial start-up. Before starting the luminaire mounting, ensure that the connection is free of tension and there is no presence of possible explosive atmosphere.

Pay special attention to the hose, so that it is not damaged during the installation. The luminaire is supplied with a hose that can be trimmed in case of need; however, it cannot be replaced. The luminaire power supply is **+24VDC**, it is necessary to respect the connection polarity and tension (**brown wire terminal +**, white wire terminal -).

Affix the luminaire by the fastening pins with mounting screw, which is included in the equipment.

In accordance with the regulations of each country, it is necessary to equip the cable with a protective tube or channel, in order to offer a better mechanical protection.

6. Starting

Before starting up the luminaire, check if the equipment is suitable to operate in zones with risk of explosion. Also check if the polarity and the luminaire power supply tension are correct, furthermore, ensure that the first start-up is done without any possible explosive atmosphere.

7. Maintenance

Revise, regularly, the luminary supply hose, in order to check if it is without cutting and if it is in a good working condition. Also, periodically, clean the luminary surface with a damp cloth to avoid dust accumulation. It is not advisable to use solvent to clean the equipment.

In case of significant deterioration of the hose and the housing that protect the LED, replace the luminary immediately.

8. Recycling

Manufacturer adhered to the environmental foundation ECO-RAEE's



9. Technical service

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Declaración de conformidad UE EU Declaration of conformity

Inpratex Atmósferas Explosivas, S.L.
Pol. Ind. Matsaria 34
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Declara bajo su responsabilidad que nuestros equipos:
Declare under our sole responsibility, that our devices:

ATEX LED LINE xxxx

Son conformes a las Directivas Europeas:
Are in conformity with the European Directives:

Directiva: Terms of the directive:	Número y fecha de expedición de la norma: Number and date of issue of the standard:
2014/34/UE (ATEX): Aparatos y sistemas de protección para uso en atmósferas potencialmente explosivas. 2014/34/EU (ATEX): Equipment and protective systems intended for use in potentially explosive atmospheres.	EN 60079-0:2012; EN 60079-0:2012/A11:2013 EN 60079-18:2009; EN 60079-18:2015/AC:2018-9 EN 60079-18:2015/A1:2017 EN 60598-1:2015 EN 60598-1:20012/A1:2018
2014/30/UE (EMC): Directiva de compatibilidad electromagnética. 2014/30/EU (EMC): Electromagnetic compatibility.	EN 55015:2013 EN 55015:2013/A1:2015 EN 61547:2009
2011/65/UE (RoHS II): Sustancias peligrosas en aparatos eléctricos y electrónicos. 2011/65/EU (RoHS II): Hazardous substances in electrical and electronic equipment.	EN 50581:2012
2009/125/CE(ErP) requisitos de diseño ecológico aplicables a los productos relacionados con la energía. 2009/125/EC(ErP) Setting of ecodesign requirements for energy-related products.	

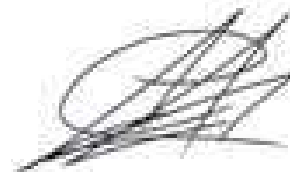
Marcado:

Marking:



II 3GD Ex mc IIC T6 Gc
Ex mc IIIC T85°C Dc
-20°C ≤ Ta ≤ +45°C
LOM 13 ATEX 4081 X

Eibar 4 de Diciembre de 2019



Asier Capelastegui

Ingeniero Técnico Industrial / **Industrial Engineer**

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