LED Battens
TrEx - ATEX

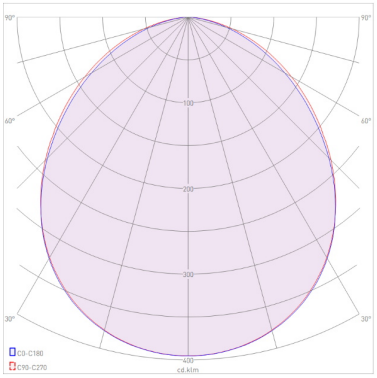
Benefits

- For hazardous areas of zones 1, 21 and 2, 22
- Up to 48% lower power consumption as compared to fluorescent tubes
- Optional through-wiring
- Electric equipment: LED modules, current driver and disconnector with ATEX certificate
- INOX suspensory accessories

Features

Productgroup	TrEx - ATEX
Power supply	Driver integrated
Input voltage	198 - 264 Vac
Frequency	50 - 60 Hz
Input Power	96 Watt
Lumen output	10050 Lm
Efficacy	105 Lm/W
Colour temperature (CCT)	4000 Kelvin
Colour rendering index (CRI)	> 80
Housing	INOX
Dimensions	1300 x 700 x 115 mm
Mounting	Surface mounted
Connection	Terminal block integrated - ATEX - up to 4 mm²
Ingress protection	IP66
Impact protection	IK10
Ignition temperature	850 °C
IEC safety class	I
Operating temperature	-40° to +55°C
Rated life (L90B10)	50,000 hours

Optic



Ordering information

Name	SKU	Power	Lumen	Efficacy
LED Batten TrEx - ATEX				
zone-1 - 0,6m - INOX - 5150Lm - 4000K	19705	48 W	5150 Lm	105 Lm/W
zone-1 - 1,2m - INOX - 10050Lm - 4000K	19166	96 W	10050 Lm	105 Lm/W

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Compliances

EN 60079-0:2012 + A11:2013	Explosive atmospheres. Equipment. General requirements
EN 60079-1:2014	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
EN 60079-7:2015	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
EN 60079-18:2015	Explosive atmospheres. Equipment protection by encapsulation “m”
EN 60079-28:2015	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
EN 60079-31:2014	Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
EN 60598-1:2015	Luminaires. General requirements and tests
EN 62471:2008	Photobiological safety of lamps and lamp systems
EN 55015:2013	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547:2009	Equipment for general lighting purposes. EMC immunity requirements
EN 61000-3-2:14	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤16 A per phase)
EN 61000-3-3:13	Electromagnetic compatibility (EMC) - Part 3-13: Limits - Assessment of emission limits for the connection of unbalanced installations to MV, HV and EHV power systems

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