

EU - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU
- (3) EU - Type Examination Certificate Number
- EPS 19 ATEX 1 076 X** **Revision 0**
- (4) Equipment: LED Ex luminaire type 4201-**x**_***_***_***_***_***_****
- (5) Manufacturer: WISKA Hoppmann GmbH
- (6) Address: Kisdorfer Weg 28
24568 Kaltenkirchen
Germany
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 19TH0208.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
- EN IEC 60079-0:2018** **EN 60079-1:2014**
EN 60079-7:2015+A1:2018 **EN 60079-31:2014**
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:



II 2G Ex db eb IIC T5...T6 Gb



II 2D Ex tb IIIC T100 °C...T85 °C Db

Certification department of explosion protection

Hamburg, 2021-05-26



(13)

Annex

(14) **EU - Type Examination Certificate EPS 19 ATEX 1 076 X**

Revision 0

(15) Description of equipment:

The LED Ex light 4201 is used to illuminate surfaces in potentially explosive areas. It is available in 4 different performance variants. The LED Ex light consists of one Stainless steel housing with junction box. It has one or two LED light tubes. The light tubes are made of polycarbonate. It is attached to walls or ceilings with the back Stainless steel mounting bracket. The connection box is sealed with a silicone seal in the cover. The LED Ex light is approved for outdoor use and meets protection class IP66 / 68.

Temperature class depends on max current, max. ambient temperature and wire cross section, see manual.

Degree of protection	IP66/68
Ambient temperature range (Ta)	-30 °C up to +50°C / +55 °C
Electrical rating:	
Voltage:	max. 24 VDC max. 110-230V 50/60 Hz
Power:	1x13 W to 2x26 W depending on type

(16) Reference number: 19TH0208

(17) Special conditions for safe use:

Only separately certified cable glands which comply with the type of protection should be used.

Luminaires with four powered terminal blocks must be equipped with cable glands that have a temperature resistance of at least 75°C.

Luminaires with eight powered terminal blocks must be equipped with cable glands that have a temperature resistance of at least 100°C.

The lamp tubes were tested with the low impact energy (2 Joule). They should be mounted in a way that they are protected against the risk of high impact.

Lamp tubes shall be cleaned only with damp cloth.

(18) Essential health and safety requirements:

Met by compliance with standards.

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Hamburg, 2021-05-26

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