

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 17 ATEX 1 120 X

Revision 1

- (4) Equipment: Explosion protected luminaire type 525/*/***/
- (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 17TH0107_03.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018
EN 60079-28:2015

EN 60079-1:2014
EN 60079-31:2014

EN 60079-7:2015
EN IEC 60079-7:2015/A12018

- (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 construction 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 IIB+H2 T6/T5/T4 Gb



II 2G Ex db eb op is IIB+H2 T6 Gb (with LED)

II 2D Ex tb IIIC T85°C/T100°C/T135°C Db

II 2D Ex tb op is IIIC T85°C Db (with LED)



Certification department of explosion protection

Tuerkheim, 2025-11-19

Ulrich Feike

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

(13)

Annex

(14) **EU - Type Examination Certificate EPS 17 ATEX 1 120 X**

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(15) Description of equipment:

The luminaire 525 can be used in hazardous location of group II (gas) and III (dust) The enclosure is designed by type of protection "flameproof enclosure" made by brass material. The glass dome is protected by a protective brass cage. The connection can be made by terminal box in type of protection "increased safety".

Electrical data:

Voltage max.	250V 50/60Hz
Current max.	16A
Rated cross-section max.	2.5mm ²
IP protection	IP66/IP67

The multi-purpose luminaire can be equipped with the following light sources and is therefore classified in the following temperature classes:

Use in group II:

Usage position:	hanging		any	
	+45 °C	+55 °C	+45 °C	+55 °C
Maximum ambient temperature:				
Incandescent lamp 60 W	T5	T4	T4	T4
Incandescent lamp 25 W	T5	T5	T5	T4
Incandescent lamp 40 W	T5	T4	T4	T4
LED – lamp up to 18 W	T6	T6	T6	T6
Energy-saving lamp up to 15 W	T6	T6	T5	T5

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Use in group III

Usage position:	hanging		any	
	+45 °C	+55 °C	+45 °C	+55 °C
Maximum ambient temperature:				
Incandescent lamp 60 W	T100 °C	T135 °C	T135 °C	T135 °C
Incandescent lamp 25 W	T100 °C	T100 °C	T100 °C	T135 °C
Incandescent lamp 40 W	T100 °C	T135 °C	T135 °C	T135 °C
LED – lamp up to 18 W	T85 °C	T85 °C	T85 °C	T85 °C
Energy-saving lamp up to 15 W	T85 °C	T85 °C	T100 °C	T100 °C

(16) Reference number: 17TH0107_03

(17) Special conditions for safe use:

Ambient temperature range: -40 ° C to +45 ° C or -40 ° C to +55 ° C.

The temperature class rating depends on the used luminaire and the max. ambient temperature. Only lamps defined by manufacturer shall be used.

Only certified cable glands shall be used. The used cables must be temperature resistant.

(18) Essential health and safety requirements:

Met by compliance with standards.



Tuerkheim, 2025-11-19