

CERTIFICATE

(1) Type Examination

(2) **Product intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) Type Examination Certificate Number: **DEKRA 18ATEX0105 X** Issue Number: **0**

(4) Product: **EX protected LED luminaire 150-08 Series**

(5) Manufacturer: **TRiALED GmbH**

(6) Address: **An der Poent 46, 40885 Ratingen, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential test report no. 222979200 issue 0.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11 : 2013

EN 60079-15 : 2010

EN 60079-31 : 2014

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This Type Examination Certificate relates only to the design and construction of the specified product and not to the manufacturing process and its monitoring.

(12) The marking of the product shall include the following:



II 3 G Ex nA IIC T4 Gc
II 3 D Ex tc IIIC T90 °C Dc

Date of certification: **8 February 2019**

DEKRA Certification B.V.

L.G. van Schie
Certification Manager

(13) **SCHEDULE**

(14) **to Type Examination Certificate DEKRA 18ATEX0105 X**

Issue No. **0**

(15) **Description**

EX protected LED luminaire 150-08 Series contains a Tridonic controlgear and 1 or 2 LED-tubes.

Product identification code:

- 150-08-xF-2/22-563S-y000 zz
- x = 1 or 2 (1 LED-tube or 2 LED-tubes)
- y = color temperature of LED (Kelvin), not relevant for the Ex properties
- zz = cover (KK = clear, MM = milky, DM = double milky)

LED controlgear models:

Manufacturere/trademark	Type/model
Tridonic	LC 38W 500-700mA flexC Ip ADV
Tridonic	LC 50W 350-1050mA flexC Ip EXC
Tridonic	LC 57W 800-1050mA flexC Ip ADV
Tridonic	LC 75W 900-1800mA flexC Ip EXC
Tridonic	LC 81W 1200-1750mA flexC Ip ADV

Ambient temperature range: -20 °C to +40 °C

Electrical data

Supply: 230 Vac, max. 1800 mA (900 mA per tube)

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. 222979200 issue 0.

(17) **Specific conditions of use**

The equipment shall be installed in such a way that the risk of mechanical danger is low.

Precautions shall be taken to minimize the risk from electrostatic discharge of the enclosure.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. 222979200 issue 0.

(20) **Certificate history**

Issue 0 - 222979200 Initial certificate