



CERTIFICATE

1 EU-Type Examination Certificate

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

3 EU-Type Examination Certificate Number: **KIWA 15ATEX0042 X Issue: 4**

4 Product: **Luminaire Model TPPL-EX-D100-..**

5 Manufacturer: **Dietal**

6 Address: **Route de Queuille, 63780 Saint Georges de Mons
France**

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

8 Kiwa Nederland B.V., notified body number 0620 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 the Directive.

The examination and test results are recorded in confidential ATEX Assessment Report No. 150700293.

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

**EN 60079-0 : 2012 + A11 : 2013 EN 60079-7 : 2007 EN 60079-11 : 2012
EN 60079-18 : 2015**

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

11 This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:



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Pieter van Breugel
Certification Officer

Issue date:

19 December 2018

First issue:

17 June 2016

This certificate shall, as far as applicable, be revised before the date of cessation of presumption of conformity of (one of) the included standards above as communicated in the Official Journal of the European Union.

© Integral publication of this certificate in its entirety and without any change is allowed.



13 SCHEDULE

14 to EU-Type Examination Certificate KIWA 15ATEX0042 X Issue No. 4

15.1 Description

The luminaires Model TPPL-EX-D100-..., for fixed installations, are LED light fittings for extended or continuous operation with full wireless monitoring and control and automatic servicing for optimal performance.

The luminaires are available in different versions and with different options as length (1 to 3 LED strip versions) and supply connections (with or without supply feed-through for series connection of luminaires).

The luminaires consist of a sealed enclosure with terminal boxes in type of protection increased safety "e" for connection of the field wiring.

The luminaires are provided with a control module for wireless control and monitoring functions.

Ambient temperature range: -20 °C to +40 °C (models with three-phase feedthrough wiring)
-20 °C to +43 °C (models with single-phase feedthrough wiring)
-20 °C to +45 °C (models without feedthrough wiring)

15.2 Electrical data

Supply: 110 V - 277 Vac, 50 - 60 Hz

Power: 30 W 1 LED strip
60 W 2 LED strips
90 W 3 LED strips

Feedthrough wiring: max. 20 A (limited to 10 A when the luminaires are provided with the protective covers)

Prospective short-circuit current: max. 1500 A

15.3 Instructions

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

16 ATEX Assessment Report

No. 150700293.

17 Specific conditions of use

- The luminaires shall be installed such that electrostatic charging and discharge is prevented during operation, maintenance and cleaning.
- The luminaires have been tested for low risk of mechanical danger. The user shall provide sufficient mechanical protection of the luminaires.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at section 9.

19 Test documentation

As listed in ATEX Assessment Report No. 150700293.



13 **SCHEDULE**

14 **to EU-Type Examination Certificate KIWA 15ATEX0042 X Issue No. 4**

20 **Description of Certificate Changes (for Issue 2 and above)**

Issue 2, Kiwa reference no. 161100331:

- Alternative potting materials of the Ex mb driver assembly
- Small changes to the Ex mb driver assembly, not affecting the type of protection
- Update of the documentation

Issue 3, Kiwa reference no. 170700558:

- Models with three-phase feedthrough wiring added

Issue 4, Kiwa reference no. 181101282:

- new cable gland type added
- modification of the end covers
- vibration damper added to the mounting brackets
- protective covers for the end covers added

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