

# CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**
2. **Certificate No:** FM16US0313X
3. **Equipment:** LED Lighting Systems  
**(Type Reference and Name)** TIK-PHabcd-e Phaeton XTL Tank Light or EFI TankLite Systems
4. **Name of Listing Company:** Clark Reliance LLC
5. **Address of Listing Company:** Strongsville, OH 44136  
USA
6. The examination and test results are recorded in confidential report number:  
  
3017396 dated 9<sup>th</sup> October 2003
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:  
  
FM Class 3600:2022, FM Class 3610: 2010, FM Class 3615:1989, FM Class 3810:2005
8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.
10. **Equipment Ratings:**  
  
TPS-4856-a Tank Light Power Supply – Explosionproof with intrinsically safe output connections suitable for use in Class I and II, Division 1, Groups B, C, D, E, F and G, Temperature Class T4 Ta = 50°C Hazardous (Classified) Locations in accordance with control drawings T500.6, EFI.500.10

## Certificate issued by:



J.E. Marquedant  
VP, Manager - Electrical Systems

23 September 2022

Date

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

**THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE**

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA  
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: [information@fmaprovals.com](mailto:information@fmaprovals.com) [www.fmaprovals.com](http://www.fmaprovals.com)

# SCHEDULE



US Certificate Of Conformity No: FM16US0313X

TIK-PH\_\_\_\_\_ Tank Light – Intrinsically Safe for use in Class I and II, Division 1, Groups B, C, D, E, F and G, Temperature Class T4, Ta = 50°C Hazardous (Classified) Locations in accordance with control drawings T500.6, EFI.500.10

11. The marking of the equipment shall include:

**TIK-PHabcd-e Phaeton XTL Tank Light or EFI TankLite Systems**  
Consisting of

**TPS-4856-a Phaeton XTL Series Power Supply or EFI TankLite Power Supply**  
XP-AIS / I, II / 1 / BCDEFG / T4 Ta = 50°C

**TIK-PHabcd-e Phaeton XTL Tank Light or EFI TankLite**  
IS / I, II / 1 / BCDEFG / T4 / Ta = 50°C T500.6 or EFI.500.10

12. **Description of Equipment:**

**General** –LED lighting systems consists of and associated apparatus power supplies in explosionproof enclosures with intrinsically safe outputs for connection to the LED light options.

**Construction** - The associated apparatus power supplies are housed in explosionproof enclosures.

**Ratings** – Temperature and voltage ratings vary depending on model.

## **Model Code Structure**

The marking of the Approved System Models shall include:

**TIK-PHabcd-e Phaeton XTL Tank Light or EFI TankLite Systems**  
Consisting of

**TPS-4856-a Phaeton XTL Series Power Supply or EFI TankLite Power Supply**  
a = 120 or 240 Voltage input.

**TIK-PHabcd-e Phaeton XTL Tank Light or EFI TankLite**  
a = 4" or 6" LED Package  
b = Material Code L = aluminum, S = Stainless Steel  
c = Associated XP-AIS Phaeton XTL series power supply option: 1 = 120Vac, 2 = 240Vac  
d = cord length  
e = Mounting Bracket Option

13. **Specific Conditions of Use:** .

**None**

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# **SCHEDULE**



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**14. Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

**15. Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

**16. Certificate History**

Details of the supplements to this certificate are described below:

Date	Description
9 <sup>th</sup> October 2003	Original Issue.
2 <sup>nd</sup> October 2016	<u>Supplement 12:</u> Report Reference: RR206704 dated 2 <sup>nd</sup> October 2016 Addition I.S. entity parameter options to the models EPL-100- and EPL-316 LumaStar LED Gage Glass Luminator or EFI Levelite. (Listings 4 and 6)
24 <sup>th</sup> April 2018	<u>Supplement 13:</u> Report Reference: 3062074 dated 24 <sup>th</sup> April 2018 Addition of Model S25119-a Power supply. Reformulate listings 1-9.
23 <sup>rd</sup> September 2022	<u>Supplement 14:</u> Report Reference: – RR234163 dated 23 <sup>rd</sup> September 2022. Description of the Change: Delist of all previous FM16US0313 listings except for Phaeton XTL Tank Light or EFI TankLite Systems. Standard update: 3600 from 2004.

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