



Member of the FM Global Group

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Pab1c. Phaeton Series Tank Light Power Supply or EFI TankLite Power Supply

XP-AIS / I,II / 1 / BCDEFG / T4 Ta = 170°F - (See associated luminator / illuminator manuals)

a = Size. 24-1 for 4 inch or 28-1 for 6 inch.

b = Power Supply. 1, 2, 3, 4, 5, or 99.

c = Mounting. 1 or 99.

Special Condition of Use: Install per Clark-Reliance intrinsically safe luminator / illuminator instructions .

A27348-a-xxx. Nightstar Magnetic Level Gage Illuminator.

IS / I, II / 1 / BCDEFG / T4 Ta = 60°C - M500.140.

a = Associated XP-AIS Phaeton Series power supply power input option: 1 = 120Vac, 2 = 240Vac

xxx = Indicator length (inches).

Special Condition of Use: For use only with FM Approved Pab1c Phaeton Series Tank Light Power Supply.

RDS5000abcde. DuraStar LED Illuminator.

IS / I, II / 1 / BCDEFG / T4 Ta = 60°C – R500.E240A.

a = Gage manufacturer code options

b = single or double light assembly options

c = Gage size

d = Input voltage options 1 or 2

e = Gage pressure options 1 or 2

Special Condition of Use: For use only with FM Approved Pab1c Phaeton Series Tank Light Power Supply.

EPL-100-abc. LumaStar LED Gage Glass Luminator or EFI Levelite

IS / I,II / 1 / BCDEFG / T4 Ta = 60°C – J500.32 or [EFI.500.08](#)

a = Gage Window Glass Size, 1 through 9.

b = Prewired Terminal Block Connections: 0, 1 or 2.

c = Number of Gage Sections: 1, 2 or 3.

Special Condition of Use: For use only with FM Approved Pab1c Phaeton Series Tank Light Power Supply.

EPL-316-abc. LumaStar LED Gage Glass Luminator or EFI Levelite

IS / I,II / 1 / BCDEFG / T4 Ta = 60°C – J500.32 or EFI.500.08

a = Gage Window Glass Size, 1 through 9.

b = Prewired Terminal Block Connections: 0, 1 or 2.

c = Number of Gage Sections: 1, 2 or 3.

Special Condition of Use: For use only with FM Approved Pab1c Phaeton Series Tank Light Power Supply.

RSabLEDc. Simpliport LED Gage Glass Luminator.

IS / I,II / 1 / BCDEFG / T4 Ta = 60°C - R5400.

a = Options I or H.

b = Number of Window Units, 5 through 10.

c = Options EX or blank.

Special Condition of Use: For use only with FM Approved Pab1c Phaeton Series Tank Light Power Supply.

TIK-xx-abc. Site Flow Illuminator or EFI FlowLite

IS / I, II / 1 / BCDEFG / T4 Ta = 60°C – T500.7 or EFI.500.11

xx = HL (Hygenic Light) or SL (Sight Light)

a = Material code: S = Stainless Steel, L = Aluminum

b = Associated XP-AIS Phaeton Series power supply power input option: 1 = 120Vac, 2 = 240Vac

c = Intrinsically safe cord length

Special Condition of Use: For use only with FM Approved Pab1c Phaeton Series Tank Light Power Supply.

TPS-4856-a Phaeton XTL Series Power Supply or EFI TankLite Power Supply

XP-AIS / I, II / 1 / BCDEFG / T4 Ta = 50°C – (See associated illuminator manuals)

a = 120 or 240 Voltage input.

Special Condition of Use: Install per Clarke-Reliance intrinsically safe illuminator instructions.

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

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

Equipment Ratings:

P__1__ Phaeton Series 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 = 170°F and Ta = 60°C Hazardous (Classified) Locations in accordance with control drawings R500.E240A, M500.120, J500.32, T500.7 and R5400, EFI.500.08, EFI.500.11

A27348-__-__, RDS5000_____, EPL-100-____, EPL-316-____, RS__LED_ and TIK-__-____ Illuminators – Intrinsically safe for use in Class I and II, Division 1, Groups B,C,D,E,F and G, Temperature Class T4, Ta=60C Hazardous (Classified) Locations in accordance with control drawings T500.7, R500.E240A, M500.140, J500.32 and R5400, EFI.500.08, EFI.500.11



Member of the FM Global Group

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, EFL500.10

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, EFL500.10

FM Approved for:

The Clark Reliance Corporation
Strongsville, OH 44136



Member of the FM Global Group

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3610	2010
Class 3600	2004
Class 3615	1989
Class 3810	2005

Original Project ID: 3017396

Approval Granted: October 9, 2003

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3020065	March 19, 2004		
3020077	August 16, 2004		
3020068	January 6, 2006		
060313	March 15, 2006		
080325	April 7, 2008		
080718	July 24, 2008		
100121	April 16, 2010		
100528	June 8, 2010		
100611	August 24, 2010		
3042065	April 20, 2011		
RR205152	May 25, 2016		

FM Approvals LLC

J.E. Marquedant
Manager of Electrical Systems

25 May 2016

Date