



# Certificate of Compliance

**Certificate:** 1616386

**Master Contract:** 165544

**Project:** 70081210

**Date Issued:** 2016-06-24

**Issued to:** Clark-Reliance Corporation  
16633 Foltz Industrial Pky  
Strongsville, Ohio 44149  
USA

**Attention:** Steve McGuigan

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** *Salvatore Grasso*  
Salvatore Grasso

## **PRODUCTS**

**CLASS - C2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems  
- For Hazardous Locations**

**Class I, Div. 1, Groups B, C, and D; Class II, Groups E, F, and G:**

- Models EPL-100 or EPL-316, (LumaStar or EFI Levelite) rated 120/240Vac, 50/60Hz, 250 mA. Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. J500.32. Temperature code T4.
- NightStar Illuminator rated 120/240Vac, 50/60Hz, 250 mA. Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. M500.140. Temperature code T4.
- DuraStar or EFI DrumLite LED Illuminator rated 120/240 Vac, 50/60Hz, 250 mA, Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. R500.E240A Temperature code T4, Ta = -40°C to +77°C.
- Simpliport Illuminator, input rated 120/240 Vac, 50/60Hz, 250 mA. Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. R5400 Temperature code T4, Ta = -40°C to +77°C.



**Certificate:** 1616386  
**Project:** 70081210

**Master Contract:** 165544  
**Date Issued:** 2016-06-24

- Phaeton SL/HL or EFI FlowLite Series Illuminator, input rated 120/240 Vac, 50/60Hz, 250 mA, Containing explosion proof power supply P/N TA4836 with intrinsically safe system connections to LEDs when connected per drawing no. T500.7 Temperature code T4,  $T_a = -40^{\circ}\text{C}$  to  $+77^{\circ}\text{C}$ .
- Phaeton XTL or EFI TankLite Series Xtreme Illuminator, rated 120/240Vac, 50/60Hz, 1/0.5 A. Containing explosion proof power supply P/N TA4991 with intrinsically safe system connections to LEDs when connected per drawing no. T500.6. Temperature Code T4,  $T_{amb} = -40$  to  $+50^{\circ}\text{C}$ .

### **APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 0-M91 (R2001)	-	General Requirements - Canadian Electrical Code, Part II
CSA-C22.2 No. 157-92	-	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA Std C22.2 No. 25-1966	-	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CSA Std C22.2 No.142-M1987	-	Process Control Equipment
CSA Std C22.2 No. 30-M1986	-	Explosion-Proof Enclosures for Use in Class I Hazardous

### **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.



**Certificate:** 1616386  
**Project:** 70081210

**Master Contract:** 165544  
**Date Issued:** 2016-06-24

---

Markings are silkscreen on metal nameplate with the following information:

- Manufacturers name "Clark Reliance", or CSA Master Contract number "165544" adjacent the CSA Mark, in lieu of manufacturers name.
- Model designation, as specified in the PRODUCTS section, above.
- Complete electrical rating, as specified in the PRODUCTS section, above.
- Maximum ambient temperature rating, as specified in the PRODUCTS section, above.
- Date code / Serial number traceable to month and year of manufacture.
- The CSA mark, as shown on the Certificate of Compliance.
- Hazardous Location designation, as specified in the PRODUCTS section, above.
- Temperature code, as specified in the PRODUCTS section, above.
- The designation: "[Exia]" on the installation drawing for the power supply.
- The words "Associated Equipment" on the installation drawing for the power supply.
- Reference to Installation Instructions

*Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".*



## *Supplement to Certificate of Compliance*

**Certificate:** 1616386

**Master Contract:** 165544

*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

<b>Project</b>	<b>Date</b>	<b>Description</b>
70081210	2016-06-24	Update of Report 1616386 to add new trade names for existing models, and updating all current IOMs and labels as well for trademarking and consistency.
2502812	2012-03-08	Update to Report 1616386 to include updated drawings.
2366567	2010-11-11	Update to Report 1616386 to add new model EPL-316 and to update drawing per FIR.
2334008	2010-10-12	Update to Report 1616386 to make corrections per customer's request.
2272313	2010-02-23	Update report to add new LED Config. & receptacle
2061197	2008-09-02	Revised I.S. Power supply, include higher rated electrical components, added alt. enclosures and added models EPL-100 (LumaStar) and NightStar.
1986873	2008-03-12	Update to cover alt. model Phaeton XTL - I.S.
1820455	2006-08-25	Update to Report to Add Alt. Model "Simpliport"
1799737	2006-06-13	Update to Report to Add Alt. Model "DuraStar"
1616386	2005-11-07	Associated Apparatus for Class I Groups A-D; Class II Groups E,F, and G; Class III