



# Certificate of Compliance

**Certificate:** 1351150 (LR 56828-2)

**Master Contract:** 150247

**Project:** 2540468

**Date Issued:** August 30, 2012

**Issued to:** Applied Strobe Technology Company

Limited  
8345 Stanley Ave  
Niagara Falls, ON L2E 6X8  
Canada  
Attention: Mike Slovak

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*Don Verbeem*

**Issued by:** Don Verbeem

## **PRODUCTS**

**CLASS 3428 03** - FIXTURES AND FITTINGS - For Hazardous Locations

**CLASS 3428 83** - FIXTURES AND FITTINGS - For Hazardous Locations-Certified to U.S. Standards

**Class I, Div. 2, Groups A, B, C and D; Class II, Div. 1 and 2, Groups E, F and G; Class III, Div. 1 and 2; Types 4X (where applicable) Temperature Coded :**

- Strobe Light, Model Series AST-14, rated
  - ; 10-30Vdc, 0.8A max, with T code of T3A @ 40°C and T2C @ 85°C
  - ; 50-60Vdc, 0.4A max, with T code of T2D @ 40°C and T2B @ 85°C
  - ; 90-130Vdc, 0.175A max, with T code of T3C @ 40°C and T3 @ 85°C
  - ; 220-250Vdc, 70mA max, with T code of T3A @ 40°C and T2C @ 85°C
  - ; 90-130Vac 50/60Hz, 118mA max , with T code of T3C @ 40°C and T3 @ 85°C
  - ; and 220-250Vac 50/60Hz, 72mA max , with T code of T3A @ 40°C and T2C @ 85°C.



**Certificate:** 1351150 (LR 56828-2)

**Master Contract:** 150247

**Project:** 2540468

**Date Issued:** August 30, 2012

---

Ambient Temperature Range : -40°C to +85°C (-55°C to +85°C for the low temperature model)

Model code:

AST-14-a-b-c-d-e

a=temperature range (S=standard, L=low temperature to -55°C)

b=minimum input volts (10, 50, 90, or 220)

c=maximum input volts (30, 60, 130 or 250)

d=ac or dc

e=lens color (AM, BL, RE, GR, CL or PU)

- Strobe Light, Model AST-14-Sync-21-30-Dc-Cl, max; rated 21-30Vdc, 0.5A max: for synchronized application– clear lens only-fire use only Ambient Temperature Range : -55°C to +85°C T rated T3A @ 40°C and T2C @ 85°C

### **APPLICABLE REQUIREMENTS**

CSA Std C22.2 No. 0-M91	-	General Requirements
CSA Std C22.2 No. 250.0-04	-	Luminaires
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. 94-M91	-	Special Purpose Enclosures (Industrial Products)
CSA Std C22.2 No. 137-M1981	-	Electric Luminaires for Use in Hazardous Locations
CSA Std C22.2 No. 142-M1987	-	Process Control Equipment
CSA Std C22.2 No. 205-M1983	-	Signal Equipment
UL Std No. 844, 12th Ed.	-	Electric Lighting Fixtures for Use in Hazardous (Classified) Locations
UL Std No. 1638, 4th Ed.	-	Visual Signaling Appliances

### **MARKINGS**



**Certificate:** 1351150 (LR 56828-2)

**Master Contract:** 150247

**Project:** 2540468

**Date Issued:** August 30, 2012

---

Appears on a UL recognized (PGJ12 and PGJ18) adhesive label manufactured by FLEXcon (P/N COMPUcal EXCEL 22449) affixed to the body of the housing. Label is suitable for indoor/outdoor use, a maximum ambient temperature of 150°C and Polyester powder paint.

- Company name;
- Model number;
- Date Code/Serial number or equivalent;
- Electrical rating;
- Hazardous locations designation;
- Temperature Coded T3A,T3C,T3,T2D,T2C, or T2B;where applicable
- Ambient Temperature Range;
- Special purpose enclosure designation, Types. 3 and/or 4X (where applicable);
- CSA Monogram with the "c" and "us" indicators
- Caution re keeping cover tight while circuits are live;
- Lamp replacement type
- Caution wording on label:
  - "TO PREVENT ELECTRICAL SHOCK, DISCONNECT FROM POWER SUPPLY AND ALLOW AT LEAST 30 SECONDS BEFORE REMOVING COVER/POUR EVITER LES CHOCS ELECTRIQUES, DEBRANCHER ET ATTENDRE AU MOINS 30 SECONDS AVANT D'ENLEVER LE COUVERCLE";
- Caution wording on PCB:
  - "REPLACE ONLY WITH TYPE XENON AST-FT BULB/REMPLACEZ SEULEMENT PAR UNE AMPOULE TYPE XENON AST-FT", where readily visible during lamp replacement.

Alternate Marking: Electrical rating "10-30Vdc, 0.8A max" may alternately be marked as "15-30Vdc, 0.8A max"option code a=10 and b=30.