



Certificate of Compliance

Certificate: 1015646 (LR 56828-1)

Master Contract: 150247

Project: 2540466

Date Issued: September 12, 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, Groups B, C and D; Class II, Groups E, F and G; Class III, Encl 3, Temp Code T6:

- Strobe Light, Model Series AST-4, rated 10-30Vdc, 0.8A max; 50-60Vdc, 0.4A max; 90-130Vdc, 0.175A max; 220-250Vdc, 70mA max; 90-130Vac 50/60Hz, 118mA max; and 220-250Vac 50/60Hz, 72mA max. Ambient Temperature Range : -40°C to +85°C (-50°C to +85°C for the low temperature model)

Model code:

AST-4-a-b-c-d-e-f-g

a=temperature range (S=standard, L=low temperature to -50°C)

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



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

d=ac or dc

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

f=mounting (PM-75, CM-75, LBM-75 or SBM-75)

g=Guard (CG or Blank)

- Strobe Light, Ast-4-Sync-21-30-Dc-Cl-F-g ; rated 21-30Vdc, 0.5A max: for synchronized application– clear lens only-fire use only Ambient Temperature Range : -50°C to +85°C

Class I, Groups C and D; Class II, Groups E, F and G; Class III, Encl 4X, Temp Code T6:

- Strobe Light, Model Series AST-4-K, rated 10-30Vdc, 0.8A max; 50-60Vdc, 0.4A max; 90-130Vdc, 0.175A max; 220-250Vdc, 70mA max; 90-130Vac 50/60Hz, 118mA max; and 220-250Vac 50/60Hz, 72mA max. Ambient Temperature Range : -40°C to +85°C (-50°C to +85°C for the low temperature model)

Model code:

AST-4-K-a-b-c-d-e-f-g

a=temperature range (S=standard, L=low temperature to -50°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)

f=mounting (PM-75, CM-75, LBM-75 or SBM-75)

g=Guard (CG or Blank)

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



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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 Signalling Appliances

MARKINGS

Appears on a metal nameplate secured to the outside of enclosure by drive pins or screws engaging bottomed holes.

- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- Temperature Coded T6;
- Ambient Temperature Range;
- Special purpose enclosure designation, "Encl. 3" or "Encl.4X";
- CSA Monogram with the "C" and "US" indicators
- Caution re keeping cover tight while circuits are live;
- Words "Factory Sealed".
- Lamp replacement type
- Caution wordings:
 - "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";
 - "REPLACE ONLY WITH TYPE XENON AST-FT BULB/REPLACEZ 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 b=15 and c=30.