



# AFE 1 Floodlights

Certification Number:



TIS 906-2532



TIS 1955-2542

(TIS906 -Certification Under Preparation)

## Technical data

- Type of Protection: Ex de IIA T3 - T5
- Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1
- Marking for test : Ex II2G
- Degree of Protection : IP 66 / 67 acc.To IEC 60529
- Ambient Temp. (Ta) : -20 °C to+ 55 °C
- Rated Voltage : 220-240V.AC. 50/60Hz.
- Type : AFE
- Lamp : Mercury vapour ,High pressure sodium and Metal halide
- Lamp holder : E40
- Transparent cover : Borosilicate glass
- Protection class for UL. : Class I, Division1 or 2 Group.C,D  
Class II, Division1 or 2 Groups.E,F,G  
Class III
- Protection class for IEC : Zone1and Zone 2

## Applications:

The **AFE1** For use hazardous locations due to the presence of flammable gases or vapors, combustibile dusts or flying fibers. illumination in process plants, oil refineries, petrochemical plants, aircraft servicing areas, pump stations, storage areas where hazardous substances are handled. indoor, outdoor or wet and corrosive locations.

## Features:

- Compact fixture size and easy installation.
- Integral ballast, ignitor and condenser in fixture body.
- Multi-finned out side for maximum heat dissipation.
- Two pieces hinge, and gasket provided on the flange cover to protect against the ingress of dust or leakage of liquid.
- Permanently installed with adjustable bracket to provide rotation of wide angle in vertical.
- Long life ballast with Class H insulation wire.
- Terminal block suitable for 4Squmm. Cable and one earth Terminal are provided.

## Standard Materials:

- Fixture body - Copper-free aluminium
- Lens - Heat and impact resistant clear glass
- Bracket - Stainless steel
- Reflector - Anodized aluminium
- Hinge , bolts - Stainless steel

## Standard Finishes:

- Copper-free aluminium - Epoxy-polyester power.
- Stainless steel - Natural
- Anodized aluminium - Natural



AFE1 250 250-400 W.  
for Mercury Lamp



AFE1 250 -400 W.  
for Metal and Sodium Lamp

Lamp Watts	Temp. Class (Surface Temp.)		Cat. No.
	40 C Ta	55 C Ta	
<b>Mercury Vapor</b>			
250	T4	T3C	AFE1 250M
400	T3A	T3	AFE1 400M
<b>High Pressure Sodium</b>			
250	T4	T3C	AFE1 250S
400	T3C	T3B	AFE1 400S
<b>Metal Halide</b>			
250	T4	T3C	AFE1 250H
400	T3C	T3A	AFE1 400H

## Catalogue Numbers and Dimensions:











