

**Certification Number:**

**Explosionproof**

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G For  
IEC.60079-0 to 1 Standard Zone 1 and Zone 2

**Technical data**

- Type of Protection: Ex de IIA IIB T6
- 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) : -5 °C to+ 40 °C
- Rated Voltage : 220 - 240 V.AC. 50/60Hz. Output 12V.DC.
- Type : EMG
- Lamp : 2 x 35 W. , 2 x 55 W.
- Weight : 42.79 kg.
- 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



EMG 235

**Applications:**

The EMG12235H emergency lights are specially designed for hazardous areas due to the presence of flammable gases or vapors, combustible dusts and flying fivers. automatic supply to illuminate in areas where normal lighting system are failed or interrupted. indoor, sever corrosion areas.

**Standard Materials:**

- Body and fixtures - Copper-free aluminium
- Flexible Coupling - Stainless steel

**Standard Finishes:**

- Copper-free aluminium - Epoxy-polyester powder
- Stainless steel - Natural

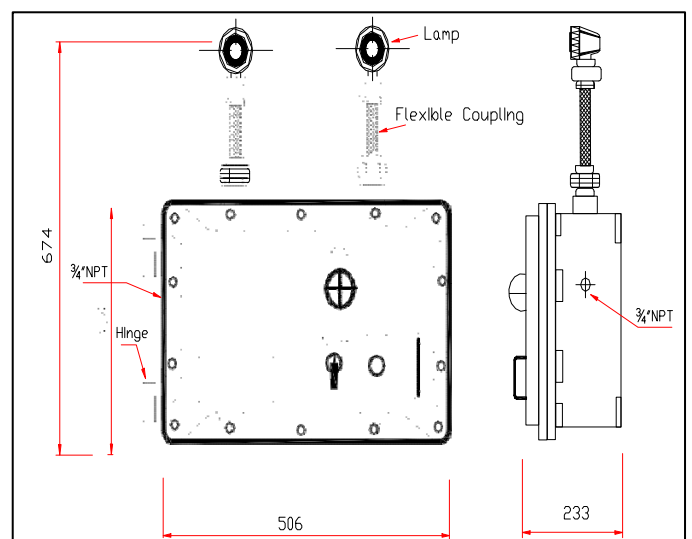
**Features:**

- Compact factory sealed fixture.
- Multi-Rate solid state charge with automatic swiching from high to float charge to prevent battery from damage
- Solid state components are designed with wide safety factor
- Automatic disconnecting load from the battery when voltage drop near to the deep-discharge level to prevent battery from damage
- Maintenance-free sealed lead acid batteries
- Provided the discharge time in lighting for a period of 2 hours if longer period on request.
- Fully recharged the battery about 18 hours
- Explosionproof light fixtures with flexible coupling are adjusted easily by hand.
- MAIN - ON pilot light indicates as power is being supply to the system.
- Provided the "TEST" push button enables to test the lamps

**Options :**

For outdoor used on request  
For input supply 240 V.AC. 50 Hz.

**Dimension : ( in mm. )**



**EMG 235H**

