



FHG Halogen Lamp

Certification Number:



ISO9001:2008

Technical data

Type of Protection: Ex de IIA T1 - T3

Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP 65 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to + 55°C

Rated Voltage : 220-240V.AC, 50/60Hz.

Type : FHG

Lamp : Halogen

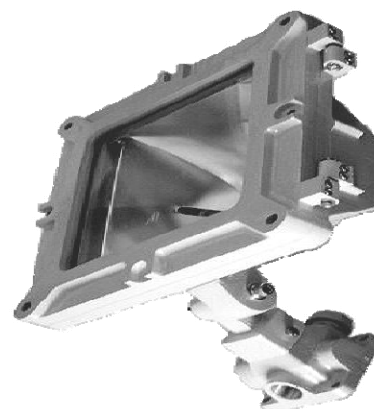
Transparent cover : Borosilicate glass

Protection class for UL. : Class I, Divition1 or 2 Group.C,D

Class II, Division 1 or 2 Groups.E,F,G

Class III

Protection class for IEC : Zone1and Zone 2



● Applications:

FHG lighting fixtures are permanently installed to provide general illumination in locations having hazardous atmospheres.

such as : process plants

Benzene plants

Methane plants

outdoor or wet and corrosive locations.

- **Standard Materials:**

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

● Standard Finishes:

- Copper-free aluminium - Epoxy-polyester power.
- Brass, Stainless - Natural
- Anodized aluminium - Natural

- **Features:**

FHG quartz lighting fixtures have :

- rugged and compact design
- door which includes threaded lens ring that encloses heat and impact-resistant glass lens
- the base joined to housing by factory sealed coupling
- an access door in base for wiring and positioning
- a one-piece reflector, precision-formed with polished or etched surface

| Lamp Watts | Temp. Class (Surface Temp.) | | Cat. No. |
|------------|-----------------------------|---------|----------|
| | 40 C Ta | 55 C Ta | |
| 300 | T3C | T3B | FHG0300 |
| 500 | T3C | T2D | FHG0500 |
| 1000 | T2B | T2A | FHG01000 |
| 1500 | T1 | T1 | FHG01500 |

Catalogue Numbers and Dimensions:

