

A-51® Series HID

**Explosionproof, Dust-Ignitionproof. Factory-Sealed.
For use with Remote Ballasts**

For use with Threaded Metal Conduit. Suitable for use in Wet Locations.

Applications

- A-51 Series for Class 1, Group A, B, C and D applications (see listing pages).
- Excellent for use in classified areas where headroom is restricted and/or where ambients exceed practical temperature limits for ballasts. For such applications, remote ballasts are required.
- Ideal for use in chemical and petrochemical plants where plastics, paints, thinners and drugs are produced; also in refineries and in other process areas where ignitable vapors, dust, moisture and corrosive atmospheres may be present.
- Suitable for use in wet locations.
- Wide range of wattages: A-51 Series for 100-watt to 400-watt lamps.
- Variety of light sources. Metal Halide light source is desirable where colors in illuminated areas must be close to natural.
- Choice of optical assemblies: with glass globe; with or without guard; standard dome, 30° angle or high bay reflectors.
- Choice of mountings: pendant, ceiling, stanchion, long bracket and short bracket.
- Porcelain reflectors for standard applications and fiberglass-reinforced polyester reflectors for installations where luminaire is subject to exceptionally severe corrosive atmospheres. High bay reflector is for installations where mounting height from work plane ranges from 20 to 30 feet.

Features

- A-51 for Class 1, Groups A and B applications has porous metal cylinder flame arrester that allows breathing between dome assembly and globe.
- Factory-sealed: no external seals required.
- Patented “wireless” design: threading of fixture unit onto mounting hood makes electrical connection. Only wiring required is attaching two wires to connection block in mounting hood.



Polyester Reflector



Porcelain Reflector

A-51
Group C & D
Fixture

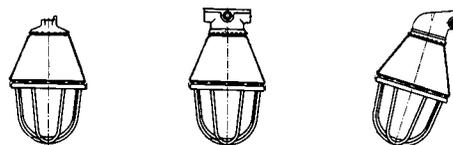


Polyester Reflector



Porcelain Reflector

A-51
Group A & B
Fixture



A-51® Series HID Reflectors, Globes, Guards and Parts

Groups C and D. Porcelain, Alzak Aluminum or Polyester Reflectors. Copper-Free Aluminum Guards.



| Description | Catalog Number | |
|---|---------------------------|-----------|
| Porcelain Steel and Polyester Reflectors* | | |
| Standard Dome | Porcelain | Polyester |
| | 175, 250 W MH AARW-2ST | AARP-2ST |
| 400 W and MH | AARW-5ST | — |
| 30° Angle | 175, 250 W MH | AARW-2AN |
| | 400 W and MH | AARW-5AN |
| Alzak Aluminum | | |
| High Bay Reflectors | 175, 250 W MH | AARE-2HB |
| | 400 W MH | AARE-5HB |
| Prismatic Glass Globes | | |
| 175, 250 W MH | AAGL-25PR | |
| 250, 400 W HPS; 400 W MH | AAGL-400 | |
| Aluminum Guards | | |
| 175, 250 W MH | AAGU-2 | |
| 400 W MH | AAGU-4MV | |
| Replacement Socket | | |
| For A-51 Group C and D HID fixtures (Not for Group A & B Fixtures) | AASP-44 | |
| Connection Block | | |
| For all A-51 HID fixtures | VPT-7 | |
| Gaskets – Composition Fiber or Aluminum | | |
| Requires one of each | | |
| 175-250 W MH | AASP-2V (Composition) | |
| | AASP-2A (Aluminum) | |
| 400 W MH | AASP-5V (Composition) | |
| | AASP-5A (Aluminum) | |

*To determine suitability of reflectors for use on short bracket and long bracket mount fixtures, see table on page G1-35.