

# V-51™ Incandescent Luminaires

## Enclosed and Gasketed

UNILETS® for use with threaded metal conduit. Fixtures suitable for use in wet locations. ①

**NEC:**  
Class I, Division 2, Groups A, B, C, D

**CEC:**  
Class I, Division 2, Groups A, B, C, D  
Class II, Divisions 1 and 2, Groups E, F, G ②  
Class III  
Enclosure 3R

### Applications

- Enclosed and gasketed lighting fixtures for use in storage areas, tunnels, subways, chemical plants and other areas where moisture, dirt or corrosive atmospheres are a problem.
- Suitable for use in wet locations.
- Standard fixtures designed for 60 to 300 W medium base incandescent lamps.
- Available in pendant, 45° stanchion, and a variety of ceiling and wall mountings.

### Features

- Furnished with connection block for easy wiring.
- Unitized construction reduces installation and maintenance costs.
- Shock-absorbing porcelain socket for longer lamp life.
- Neoprene rubber ring in neck of reflector snaps into groove of mounting hood – protects against vibration and chipping.
- Guard snaps into two recesses of adapter – no clamps or setscrews.
- Maximum input voltage 150 V.

### Standard Materials

- Mounting hoods: malleable iron
- Globe adapters: malleable iron
- Socket: porcelain with brass screw shell
- Globes: glass. Optional globes in polycarbonate plastic 100 W Max
- Guards: steel

### Standard Finishes

- Malleable iron mounting hood and globe adapter: triple coat – (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel guard: zinc electroplate
- Socket and globes: natural finish

### Options

- To order fixture with other than standard clear glass globe, add suffix letters to catalog number as indicated in table, and adjust difference in price.

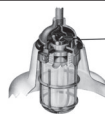
| Color                | Glass Globe | Plastic Globe |
|----------------------|-------------|---------------|
| Amber                | -AM         | -PAM          |
| Blue                 | -BL         | —             |
| Green                | -GR         | -PGR          |
| Red                  | -RE         | -PRE          |
| Clear Heat-Resistant | -HR         | —             |

### NEC/CEC Certifications and Compliances

- UL Standard: UL 1598, UL 844
- UL Listed: E10444
- CSA Standard: C22.2 No. 250, C22.2 No. 137
- CSA Certified: 025428



### Illustrated Features



#### Cut-Away View

Connection block is easily removed (loosen two screws) to permit quick wiring.



#### Mounting Hood

Available in pendant (shown), ceiling, wall and 45° stanchion. Pendant has setscrew to prevent fixture from turning on stem.

#### Neoprene Ring

Neoprene attachment ring secures reflector to mounting hood – no tools needed.

#### Globe Adapter

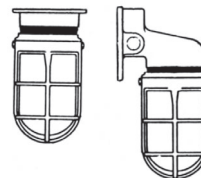
When adapter is threaded onto mounting hood, the socket makes electrical contact with connection block in mounting hood. Available in malleable iron (VAD-1M and VAD-2M)



#### Guard

Two sealed ball plunger units snap quickly, easily and securely into cavities of globe adapter. Guard can be used with or without a reflector.

#### Guard



① With heat-resistant glass globes or plastic globes.

② 300 W PS-25 NOT approved for Class II, Division 1 and 2, Group G; Class III.

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### Class I, Division 2, Groups A, B, C, D

Fixture is suitable for Class I, Division 2 where the fixture operating temperature does not exceed the ignition temperature of the atmosphere in which fixture is installed.

### “T” Numbers Represent the Maximum Lamp Temperature for Class I, Division 2 Locations

Supply Wire: 257 °F/125 °C

| “T”<br>Number          | T1      | 350     | 325     | T2      | T2A     | T2B     | T2C     | T2D     | T3      | T3A     | T3B     | T3C     | T4      | T4A     | T5      | T6  |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| Temp.<br>Range<br>(°C) | 351-450 | 326-350 | 301-325 | 281-300 | 261-280 | 231-260 | 216-230 | 201-215 | 181-200 | 166-180 | 161-165 | 136-160 | 121-135 | 101-120 | 86-100  | 85  |
| Temp.<br>Range<br>(°F) | 664-842 | 619-662 | 574-617 | 538-572 | 502-536 | 448-500 | 421-446 | 394-419 | 358-392 | 331-356 | 322-329 | 277-320 | 250-275 | 214-248 | 187-212 | 185 |

### Class I, Division 2, Groups A, B, C, D

| Reflector | 60–150 W      |                |                |                | 200–300 W |  |
|-----------|---------------|----------------|----------------|----------------|-----------|--|
|           | A-21<br>100 W | PS-25<br>150 W | PS-30<br>200 W | PS-30<br>300 W |           |  |
| None      | T3            | T2D            | T2C            | 325            |           |  |

### Fixture Ambient Suitability:

Class I, Division 2, Groups A, B, C, D

### Fixture Ambient Suitability:

Class II, Groups E, F, G; Class III; Enclosure 4X

| Areas          | °C | °F  | Fixture | Watts     |
|----------------|----|-----|---------|-----------|
| Non-Classified | 75 | 167 | A-23    | 60 to 300 |
| Classified     | 40 | 104 | PS-30   | 60 to 300 |

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| Description                                                                         | Type | Lamp Watts | Catalog Number |
|-------------------------------------------------------------------------------------|------|------------|----------------|
| Replacement Reflector Attaching Ring — Neoprene                                     |      |            |                |
|    |      |            | VPT-8          |
| Connection Block                                                                    |      |            |                |
|    |      |            | VPT-7          |
| Lamp Socket — Medium Base                                                           |      |            |                |
|    |      |            | VPT-1AV        |
| Gasket for Lamp Socket and 60-150 W Globe                                           |      |            |                |
|   |      |            | VPT-2          |
| Gasket for 150-300 W Globe                                                          |      |            |                |
|  |      |            | VPT-3          |
| Gasket for Mounting Hood                                                            |      |            |                |
|  |      |            | VPT-4          |

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