

VAPORGARD™ Incandescent Luminaires

Cl. I, Div. 2, Groups A, B, C, D
(All mounting except stanchion)
Wet Locations
NEMA 3, 3R

1L

Applications:

Vaporgard series incandescent luminaires are used:

- Indoors or outdoors in industrial locations where enclosed and gasketed fixtures are required
- In tunnels, building entrances and similar locations, where moisture, dirt, chemicals, vibration or rough usage are a problem
- For flush or surface mounting on ceiling or wall; pendant or in conduit systems; with or without a cast outlet box

Features:

- Designed to exclude dirt, moisture and corrosive vapors from the interior of the luminaires and the conduit system
- There are no screws to remove as the shock-absorbing socket strap is keyhole slotted and removes quickly for ease of wiring
- The glass globe-guard assembly is installed and/or removed as a unit, making it necessary to handle only one piece in relamping
- There are no crevices to accumulate a dirt or dust build-up and fixture has an attractive finish with a smooth, dust and dirt shedding design
- Configured glass globe has vertical fluting and stippled bottom which provides for more even light distribution and glare elimination
- For non-hazardous locations, shatterproof plastic polycarbonate globes are available for use with the 200 watt series
- Reversible offset socket mounting strap permits use of various size lamps while holding light center in same position for maximum light output and efficiency
- Shock absorbing medium base lamp socket

Krydon® fiberglass-reinforced polyester reflectors:

- Reflectance is equivalent to the finest porcelain enamel
- Cannot corrode – no enamel to chip and rust
- Ultraviolet inhibitors are incorporated in the material to prevent discoloration and brittleness

Certifications and Compliances:

- Wet locations
- NEC/CEC:
Class I, Division 2
- UL Standard: 1598
- CSA Standard: C22.2 No. 9
- UL/CSA Fixture Fitting

Standard Materials:

- Bodies and guards – copper-free aluminum
- Globes
-Heat and impact resistant tempered glass
-Colored glass non-tempered (G55, G56, G57, G58)
-Plastic polycarbonate (G63, G65, G67)
- Reflectors – Krydon® fiberglass-reinforced polyester

Standard Finishes:

- Bodies and guards – epoxy powder coat
- Krydon material – high reflectance white

Options:

The following options are available from the factory by adding suffix to fixture Cat. No.:

| Description | Suffix |
|---|--------------|
| • Teflon coating on globe for increased shatter protection (G24 globe 200 watt series only) | S808 |
| • 250V nameplate for export applications..... | /250 |
| • Plastic polycarbonate globe | see page 894 |

Ratings (Electrical/Size):

- Up to 300 watt, PS-30 medium base lamp
- 1/2" to 1 1/4" hubs
- 120V nameplate is standard – for NEC compliance
- 250V nameplate is optional. Supplied when ordered with suffix: /250

Class I, Division 2

Temperature Performance Data: (Based on 40°C ambient)

| Lamp Watts | T-Number | Supply Wire °C |
|------------|----------|----------------|
| 150 | T2A | 150°C |
| 200 | T2B | 200°C |
| 300 | T2B | 150°C |



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Enclosed and Gasketed

Pendant Mount – VDA Series



| Hub Size | Series | Max. Lamp Size | Complete Cat. # with globe/guard | Luminaire Components Cat. #s | | |
|----------|--------|----------------|----------------------------------|------------------------------|----------|-------|
| | | | | Pendant Body | Globe | Guard |
| 1/2" | 150 | 150 watt | VDA15GP | VDA15 | G54 | P50 |
| 3/4" | 150 | A-21 | VDA25GP | VDA25 | G54 | P50 |
| 1" | 150 | | VDA35GP | VDA35 | G54 | P50 |
| 1/2" | 200 | 200 watt | VDA12GP | VDA12 | G24 | P21 |
| 3/4" | 200 | A-23 | VDA22GP | VDA22 | G24 | P21 |
| 1" | 200 | | VDA32GP | VDA32 | G24 | P21 |
| 1/2" | 300 | 300 watt | VDA13GP | VDA13 | G34/G251 | P22 |
| 3/4" | 300 | PS-25 & PS-30 | VDA23GP | VDA23 | G34/G251 | P22 |
| 1" | 300 | | VDA33GP | VDA33 | G34/G251 | P22 |

Thru-Feed – VDC Series



| Hub Size | Series | Max. Lamp Size | Complete Cat. # with globe/guard | Luminaire Components Cat. #s | | |
|--------------|--------|---------------------------|----------------------------------|------------------------------|----------|-------|
| | | | | Thru-Feed Body | Globe | Guard |
| 1/2" or 3/4" | 150 | 150 watt A-21 | VDC25GP | VDC25 | G54 | P50 |
| 1/2" or 3/4" | 200 | 200 watt A-23 | VDC22GP | VDC22 | G24 | P21 |
| 1/2" or 3/4" | 300 | 300 watt PS-25 & PS-30 | VDC23GP | VDC23 | G34/G251 | P22 |

Ceiling Mount for Recessed 4" Round Box – VXH Series



| Series | Max. Lamp Size | Complete Cat. # with globe/guard | Luminaire Components Cat. #s | | |
|--------|---------------------------|----------------------------------|------------------------------|----------|-------|
| | | | Lamp Socket Body | Globe | Guard |
| 150 | 150 watt A-21 | VXH15GP | VXH15 | G54 | P50 |
| 200 | 200 watt A-23 | VXH12GP | VXH12 | G24 | P21 |
| 300 | 300 watt PS-25 & PS-30 | VXH13GP | VXH13 | G34/G251 | P22 |

Ceiling Mount with Junction Box – VXHF Series



| Hub Size | Series | Max. Lamp Size | Complete Cat. # with globe/guard | Luminaire Components Cat. #s | | | |
|--------------|--------|---------------------------|----------------------------------|------------------------------|----------|-------|--------------|
| | | | | Lamp Socket Body | Globe | Guard | Junction Box |
| 1/2" or 3/4" | 150 | 150 watt A-21 | VXHF25GP | VXH15 | G54 | P50 | VXF20 |
| 1/2" or 3/4" | 200 | 200 watt A-23 | VXHF22GP | VXH12 | G24 | P21 | VXF20 |
| 1/2" or 3/4" | 300 | 300 watt PS-25 & PS-30 | VXHF23GP | VXH13 | G34/G251 | P22 | VXF20 |

Note: All fixtures supplied with 1/2" reducers, except for pendant mount.

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Wall Mount – VXHT Series



| Hub Size | Series | Max. Lamp Size | Complete Cat. # with globe/guard |
|-------------|--------|------------------------|----------------------------------|
| 1/2 or 3/4" | 150 | 150 watt A-21 | VXHT25GP |
| 1/2 or 3/4" | 200 | 200 watt A-23 | VXHT22GP |
| 1/2 or 3/4" | 300 | 300 watt PS-25 & PS-30 | VXHT23GP |

Luminaire Components Cat. #s
Wall Bracket Mounting Module Body Globe Guard

| | | | |
|-------|-------|----------|-----|
| VXT20 | VXH15 | G54 | P50 |
| VXT20 | VXH12 | G24 | P21 |
| VXT20 | VXH13 | G34/G251 | P22 |

Wall Mount – Adapter Kit

| Description | Cat. # |
|---|--------|
| Mounts wall mount VXHT Series to a 4" Round Box | VXT K1 |

Wall Mount with Junction Box – VXHBF Series



| Hub Size | Series | Max. Lamp Size | Complete Cat. # with globe/guard |
|-------------|--------|------------------------|----------------------------------|
| 1/2 or 3/4" | 150 | 150 watt A-21 | VXHBF25GP |
| 1/2 or 3/4" | 200 | 200 watt A-23 | VXHBF22GP |
| 1/2 or 3/4" | 300 | 300 watt PS-25 & PS-30 | VXHBF23GP |

Luminaire Components Cat. #s
Wall Bracket Mounting Module Body Globe Guard Junction Box

| | | | | |
|-------|-------|----------|-----|-------|
| VXT20 | VXH15 | G54 | P50 | VXF20 |
| VXT20 | VXH12 | G24 | P21 | VXF20 |
| VXT20 | VXH13 | G34/G251 | P22 | VXF20 |

Stanchion Mount – VXHA Series



| Hub Size | Series | Max. Lamp Size | Complete Cat. # with globe/guard |
|----------|--------|------------------------|----------------------------------|
| 1 1/4" | | 150 watt A-21 | VXHA45GP |
| 1 1/4" | | 200 watt A-23 | VXHA42GP |
| 1 1/4" | | 300 watt PS-25 & PS-30 | VXHA43GP |

Luminaire Components Cat. #s
Stanchion Mounting Module Body Globe Guard

| | | | |
|------|-------|----------|-----|
| VXA4 | VXH15 | G54 | P50 |
| VXA4 | VXH12 | G24 | P21 |
| VXA4 | VXH13 | G34/G251 | P22 |

Note: All fixtures supplied with 1/2" reducers, except for pendant mount.