

# 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) .....	<b>S808</b>
• 250V nameplate for export applications.....	<b>/250</b>
• Plastic polycarbonate globe .....	<b>see page 894</b>

## 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.