

# Vaporgard incandescent luminaires

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

## Applications:

Vaporgard™ 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:

### NEC/CEC:

- Class I, Division 2
- UL standard: 1598
- CSA standard: C22.2 No. 9
- UL/CSA fixture fitting
- Wet locations

### 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 – high reflectance white

## Options:

Description	Suffix
• Teflon® coating on globe for increased shatter protection .....	<b>S808</b>
<i>G24 globe 200 watt series only</i>	
• 250V nameplate for export applications .....	<b>/250</b>
• Plastic polycarbonate globe .....	<b>see page 34</b>

## Temperature performance data – Class I, Division 2:

(Based on 40°C ambient)

Lamp watts	T-code	Supply wire °C
150W	T2A	150
200W	T2B	200
300W	T2B	150



## Electrical/size ratings:

- Up to 300 watt, PS-30 medium base lamp
- ½" to 1¼" hubs
- 120V nameplate is standard – for NEC compliance
- 250V nameplate is optional; supplied when ordered with suffix /250

## Photometrics:

- Complete photometrics can be found at [www.crouse-hinds.com/photometrics](http://www.crouse-hinds.com/photometrics)

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## Ordering information:

### Pendant mount – VDA



Hub size	Watts	Max. lamp size	Cat. # Complete with globe/guard	Luminaire components		
				Cat. # Pendant body	Cat. # Globe	Cat. # Guard
1/2"	150	150W, A-21	VDA15GP	VDA15	G54	P50
3/4"	150		VDA25GP	VDA25	G54	P50
1"	150		VDA35GP	VDA35	G54	P50
1/2"	200	200W, A-23	VDA12GP	VDA12	G24	P21
3/4"	200		VDA22GP	VDA22	G24	P21
1"	200		VDA32GP	VDA32	G24	P21
1/2"	300	300W, PS-25 & PS-30	VDA13GP	VDA13	G34/G251	P22
3/4"	300		VDA23GP	VDA23	G34/G251	P22
1"	300		VDA33GP	VDA33	G34/G251	P22

### Through feed – VDC



Hub size	Watts	Max. lamp size	Cat. # Complete with globe/guard	Luminaire components		
				Cat. # Through feed body	Cat. # Globe	Cat. # Guard
1/2" or 3/4"	150	150W, A-21	VDC25GP	VDC25	G54	P50
1/2" or 3/4"	200	200W, A-23	VDC22GP	VDC22	G24	P21
1/2" or 3/4"	300	300W, PS-25 & PS-30	VDC23GP	VDC23	G34/G251	P22

### Ceiling mount for recessed 4" round box – VXH



Hub size	Watts	Max. lamp size	Cat. # Complete with globe/guard	Luminaire components		
				Cat. # Lamp socket body	Cat. # Globe	Cat. # Guard
1/2" or 3/4"	150	150W, A-21	VXH15GP	VXH15	G54	P50
1/2" or 3/4"	200	200W, A-23	VXH12GP	VXH12	G24	P21
1/2" or 3/4"	300	300W, PS-25 & PS-30	VXH13GP	VXH13	G34/G251	P22

### Ceiling mount with junction box – VXHF



Hub size	Watts	Max. lamp size	Cat. # Complete with globe/guard	Luminaire components			
				Cat. # Lamp socket body	Cat. # Globe	Cat. # Guard	Cat. # Junction box
1/2" or 3/4"	150	150W, A-21	VXHF25GP	VXH15	G54	P50	VXF20
1/2" or 3/4"	200	200W, A-23	VXHF22GP	VXH12	G24	P21	VXF20
1/2" or 3/4"	300	300W, 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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## Ordering information (continued):

### Wall mount – VXHT



Hub size	Watts	Max. lamp size	Cat. # Complete with globe/guard	Luminaire components			
				Cat. # Wall bracket mounting module	Cat. # Body	Cat. # Globe	Cat. # Guard
1/2" or 3/4"	150	150W, A-21	VXHT25GP	VXT20	VXH15	G54	P50
1/2" or 3/4"	200	200W, A-23	VXHT22GP	VXT20	VXH12	G24	P21
1/2" or 3/4"	300	300W, PS-25 & PS-30	VXHT23GP	VXT20	VXH13	G34/G251	P22

### Wall mount – adapter kit

Description	Cat. #
Mounts wall mount VXHT to a 4" round box	VXT K1

### Wall mount with junction box – VXHBF



Hub size	Watts	Max. lamp size	Cat. # Complete with globe/guard	Luminaire components				
				Cat. # Wall bracket mounting module	Cat. # Body	Cat. # Globe	Cat. # Guard	Cat. # Junction box
1/2" or 3/4"	150	150W, A-21	VXHBF25GP	VXT20	VXH15	G54	P50	VXF20
1/2" or 3/4"	200	200W, A-23	VXHBF22GP	VXT20	VXH12	G24	P21	VXF20
1/2" or 3/4"	300	300W, PS-25 & PS-30	VXHBF23GP	VXT20	VXH13	G34/G251	P22	VXF20

### 45° stanchion mount – VXHA



Hub size	Watts	Max. lamp size	Cat. # Complete with globe/guard	Luminaire components			
				Cat. # Stanchion mounting module	Cat. # Body	Cat. # Globe	Cat. # Guard
1/4"	150	150W, A-21	VXHA45GP	VXA4	VXH15	G54	P50
1/4"	200	200W, A-23	VXHA42GP	VXA4	VXH12	G24	P21
1/4"	300	300W, PS-25 & PS-30	VXHA43GP	VXA4	VXH13	G34/G251	P22

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