

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.

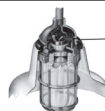
Color	Glass Globe	Plastic Globe
Amber	-AM	-PAM
Blue	-BL	—
Green	-GR	-PGR
Red	-RE	-PRE
Clear Heat-Resistant	-HR	—

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

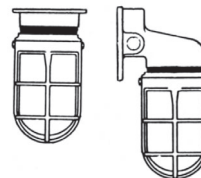
When adapter is threaded onto mounting hood, the socket makes electrical contact with connection block in mounting hood. Available in malleable iron (VAD-1M and VAD-2M)



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” Number	T1	350	325	T2	T2A	T2B	T2C	T2D	T3	T3A	T3B	T3C	T4	T4A	T5	T6
Temp. Range (°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. Range (°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-21 100 W	PS-25 150 W	PS-30 200 W	PS-30 300 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

① With heat-resistant glass globes or plastic globes.

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			Catalog Numbers		
		Type	Lamp Watts	Glass 60–150 W	Polycarbonate 100 W Max. ③ ⑦
Glass and Polycarbonate Globes — 60-150 W					
		Clear		VGL-1CL	VPG-1CL
		Amber		VGL-1AM	VPG-1AM
		Blue		VGL-1BL	—
		Green		VGL-1GR	VPG-1GR
		Opal		VGL-1OP	—
		Red		VGL-1RE	VPG-1RE
60 W–150 W Glass	100 W Polycarbonate	Clear Heat-Resistant		VGL-1HR	—
Glass Globes — 150-300W					
		Clear		VGL-2CL	—
		Amber		VGL-2AM	—
		Blue		VGL-2BL	—
		Green		VGL-2GR	—
		Opal		VGL-2OP	—
		Red		VGL-2RE	—
		Clear Heat-Resistant		VGL-2HR	—
Steel Wire Guards ④					
		A21 ⑤	60-150		VWG-1
		PS30 ⑥	150-300		VWG-2
VWG-1					

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

③ Do not use in ambients exceeding +25° C (+77 °F). For burning in base-up position only.

④ Cannot be used with polycarbonate globes.

⑤ Fits VAD-1M Adapter

⑥ Fits VAD-2M Adapter

⑦ The V-51 series is not UL certified for use with polycarbonate globes.