

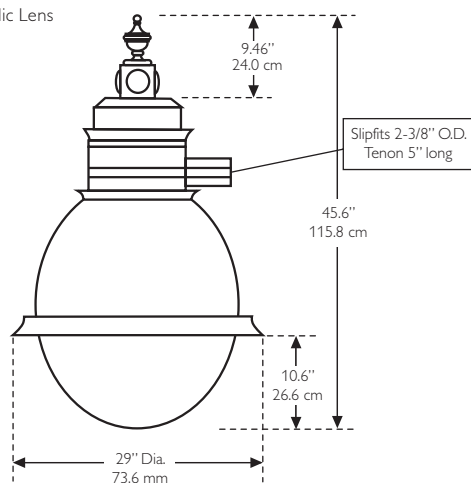
VAC Series

250-1000W HID

Type:	Job:	Approvals:					
Catalog Number:						Date:	
-	-	-	-	-	-	Page 1 of 2	
Series/Source-Wattage	Distribution	Voltage	Style	Optical Option(s)	Electrical Option(s)	Finish	

Overall Dimensions (for reference only)

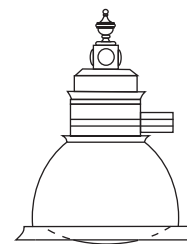
Drop Acrylic Lens



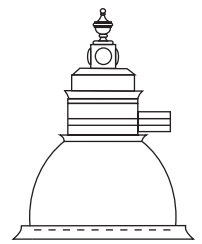
EPA (sq ft)	
1 Fixture	2.8
2 Fixtures	5.6

Weight: 75 lbs 34 kg

Sag Glass Lens



Flat Glass Lens



Specifications

Housing

VAC Series' one-piece housing is cast of Type 319 aluminum. The integral cast aluminum fitter slips over 2" nominal pipe and attaches with three stainless steel 0.375" set screws, allowing $\pm 3^\circ$ leveling adjustment. The casting is clearly marked to show degrees of rotation to aid in adjusting the rotatable reflector assembly. The top cap is spun of .080" aluminum. All components are made from corrosion-resistant material or have positive corrosion protection. The complete fixture has passed vibration testing with over 50,000 cycles in both the vertical and horizontal planes.

Lens and Gasketing

Luminaire available as an enclosed unit only. Three lens assemblies shall be available: DAL = Drop Acrylic Lens (available up to 450W max.), GFL = Glass Flat Lens (see lamp restrictions) and GSL= Glass Sag Lens (available for all sources and wattages). The 0.1875" thick clear glass lens is fully tempered, and heat-resistant. The lens is fully gasketed and held in place with a stainless steel lens band. A silicone-impregnated Dacron gasket is used between the reflector and housing. Butyl-acrylic tape and RTV sealant is used between the lens and reflector.

Optical Assembly

The optical assembly consists of a one-piece 25" diameter .080" thick spun aluminum reflector. Reflectors are spun from Type 3002 sheet aluminum, chemically brightened and clear anodized, and have been specially-designed with 288 facets to redirect the light past the lamp's arc tube, preventing lamp voltage from exceeding the lamp manufacturers tolerances. Lamps operate in the vertical, base up position for maximum lamp life.

Installation

VAC Series shall include an integral slipfitter - Slipfits over 2.375" O.D. horizontal pipe.

Rotatable Reflector Optics

The reflector is easily rotated through 360° without the use of tools to facilitate aiming the main beam of non-symmetric distributions. Two stainless steel safety cables are provided to retain the reflector and lens when lamp replacement is necessary. Re-lamping is easily accomplished without the use of tools.

Ballast

All ballast components are readily-accessible from the top of the luminaire and are mounted on a single plate, which is removable as a complete assembly for ease of maintenance without removing the luminaire from the bracket arm. CWA ballasts supplied for use with MH and HPS lamps provide $\pm 5\%$ lamp power regulation with $\pm 10\%$ variation from rated input voltage. Ballasts supplied for use with HPS lamps operate within ANSI trapezoidal limits. All wiring within the luminaire is sized to carry 80% of its rated current and is listed by UL for use at 600 VAC.

Finish

Polyester powder coat, electrostatically applied, which is preceded by a pre-treatment process for superior coating adhesion. This process meets or exceeds all ASTM testing requirements, including those for 1,000 - hour salt spray endurance testing.

Listings

ETL/cETL Listed luminaire, to the UL 1598 standard, "suitable for wet locations." The quality systems of this facility have been registered by UL to the ISO 9001 Series Standards.

Warranty

Standard 5 Year Limited Warranty.

The current Philips Wide-Lite Warranty may be found at www.wide-lite.com (keyword: warranty) as well as the current Standard Terms and Conditions of Sale (keyword: terms). All sales of items in this catalogue shall be subject to the Philips Wide-Lite Standard Terms and Conditions of Sale current at the time of shipment. If you do not have a copy of the Philips Wide-Lite Warranty and Standard Terms, please contact the factory for same prior to ordering.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled 'Contain Mercury' and/or with the symbol 'Hg'. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycle and disposal can be found at www.lamprecycle.org.

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Type:	Job:	Page 2 of 2
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VAC Series



Series/Size/Source-Wattage	Distribution	Voltage	Optical Options	Electrical Options	Finish
Pulse Start Metal Halide					
<input type="checkbox"/> VAC25P-250 (ED-28)	<input type="checkbox"/> 5V Type V Round	<input type="checkbox"/> 120	<input type="checkbox"/> GSL Glass Sag lens	<input type="checkbox"/> F1 Single Fusing 120, 277, 347 V	<input type="checkbox"/> TSA Textured Satin Aluminum
<input type="checkbox"/> VAC25P-400 (ED-37)		<input type="checkbox"/> 208	<input type="checkbox"/> GFL¹ Glass Flat Lens		
<input type="checkbox"/> VAC25P-450 (ED-37)	<input type="checkbox"/> VR Vertical Rectangular	<input type="checkbox"/> 240	<input type="checkbox"/> DAL² Drop Acrylic Lens	<input type="checkbox"/> F2 Double Fusing 208, 240, 480 V	<input type="checkbox"/> TDB Textured Dark Broze
<input type="checkbox"/> VAC25P-750² (BT-37)		<input type="checkbox"/> 277	<input type="checkbox"/> IL45³ Internal 45° Louver Shielding		
<input type="checkbox"/> VAC25P-1000^{1,2} (E-25/ED-37)	<input type="checkbox"/> 5VS Type V Square	<input type="checkbox"/> 347	<input type="checkbox"/> IL75³ Internal 75° Louver Shielding	<input type="checkbox"/> F3 Double Fusing 208, 240, 480 V Canadian double pull	<input type="checkbox"/> TBK Textured Black
Metal Halide					
<input type="checkbox"/> VAC25M-1000^{1,2} (BT-56)	<input type="checkbox"/> 4V Forward Throw	<input type="checkbox"/> 480	<input type="checkbox"/> CL80x360 Internal 80° Vert. x 360° Horiz. Lens Shielding	<input type="checkbox"/> PCB Photo Control Button	<input type="checkbox"/> TWHT Textured White
High Pressure Sodium					
<input type="checkbox"/> VAC25S-250 (ED-18)	<input type="checkbox"/> 4VC Forward Throw Full Cutoff		<input type="checkbox"/> CL60x135 Internal 60° Vert. x 135° Horiz. Lens Shielding		<input type="checkbox"/> TGR Textured Gray
<input type="checkbox"/> VAC25S-400 (ED-18)					<input type="checkbox"/> TGN Textured Green
<input type="checkbox"/> VAC25S-750² (BT-37)					<input type="checkbox"/> RAL(*) Custom Color (*=Specify RAL #)
<input type="checkbox"/> VAC25S-1000^{1,2} (E-25/ED-37)					

Notes:

- 1) Flat lens option (GFL) is unavailable with BT-56 and E-25 Lamps.
- 2) Drop Acrylic Lens (DAL) is not available with 750 or 1000 W.
- 3) IL45 and IL75 available only with VR optics and Glass Sag lens (GSL)

Notes



ISO 9001
Certified

Philips Wide-Lite Professional Luminaires reserves the right to change specifications and dimensions without notice. Lamp and electrical specifications / availability subject to change by manufacturer without notice. Please refer to detailed specification sheets for additional information and spec details.

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