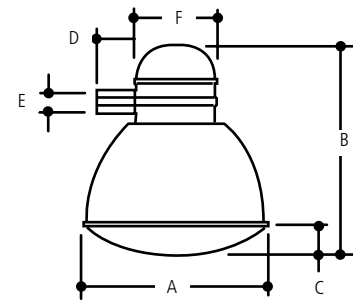


SPECIFICATIONS

- HOUSING** The one-piece housing is cast of Type 319 aluminum. The integral cast aluminum fitter slips over 2" nominal pipe and allows for $\pm 3^\circ$ leveling adjustment. The fixture is C-UL & UL listed "suitable for wet locations."
- LENS AND GASKETING** A silicone-impregnated Dacron® gasket is used between the reflector and housing. Butyl-acrylic tape sealant is used between the lens and reflector.
- OPTICAL ASSEMBLY** The optical assembly consists of a one-piece 25" diameter spun aluminum reflector and clear glass lens. The 3/16" 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.
- ROTATABLE REFLECTOR** 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.
- OPTICS** 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. CWA ballasts supplied for use with MH and HPS lamps provide $\pm 5\%$ lamp power regulation with $\pm 10\%$ variation from rated input voltage.
- FINISH** Electrostatically-applied textured baked enamel finish is applied over the aluminum ballast housing and top cap. The standard reflector finish is natural anodized aluminum.



DIMENSIONS	
A	25.00" dia. (635 mm)
B	28.00" (711 mm)
C	4.00" (101.6 mm)
D	5.00" (127 mm)
E	Slips 2-3/8" O.D. Pipe
F	11.00" (279.4 mm)

EFFECTIVE PROJECTED AREA (EPA)			
1 Fixture	1.99 sq. ft. (.18M2)	3 Fixtures	5.57 sq. ft. (.52M2)
5 Fixtures	6.96 sq. ft. (.64M2)	7 Fixtures	9.04 sq. ft. (.84M2)
9 Fixtures	10.95 sq. ft. (1.00M2)	10 Fixtures	11.94 sq. ft. (1.10M2)
12 Fixtures	13.92 sq. ft. (1.29M2)		

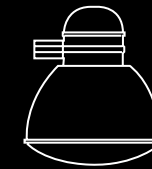
WEIGHT
62 lbs. (28.15 kgs)

Quality Lighting™

Quality Lighting is a Philips group brand

2930 South Fairview Street
Santa Ana, CA 92704
Phone (714) 371-2394 • FAX (714) 668-1107
Toll Free Phone (800) 545-1326
e-mail: sales@qualitylighting.com • www.qualitylighting.com
Specifications subject to change without notice. ©2007 Quality Lighting

Quality Lighting™



HIGHMAST

DESIGN-VA-25

Design and Construction Features

VA-25 Features

- High efficiency reflector system provides a wide choice of lighting distributions. Field rotatable (360°) reflector allows main beam aiming for non-symmetric patterns.
- Lamp Replacement - without the use of tools.
- Low EPA rating (1.99sf).



UL and C-UL Listed - All
VA-25 fixtures are UL-Listed for use in both the U.S. and Canada.



Easy maintenance ballast tray

All ballast components are accessible from the top of the fixture and are mounted on a single plate which is easily removable without removing the fixture from its mounting arm. Quick-disconnects are provided for all electrical connections between the ballast and the fixture, and between the ballast and the incoming power.



Fully adjustable distribution

The VA-25's reflector system is easily rotated through 360° - without dismounting the fixture and without the use of tools - to facilitate orienting non-symmetrical distributions. Simply loosen the three captive knurled thumb screws and rotate the reflector. Markings on the reflector and housing help to make alignment easy!



Faceted spun aluminum reflector

The spun reflector is of Type 3002 aluminum, chemically brightened and clear anodized, and features 288 specially designed facets to redirect the light around the lamp's arc tube.



Fully gasketed reflector and lens

Silicone-impregnated Dacron® gasketing is used between the reflector and housing to maintain a tight weatherproof seal while allowing the fixture to "breathe." Butyl-acrylic tape sealant is used between the lens and reflector.

Easy relamping

Lamp replacement is accomplished without the use of tools. Simply loosen the three captive knurled thumb screws, then rotate and lower the reflector. Two stainless steel safety cables inside the housing allow the reflector and lens assembly to hang freely, yet securely, while the lamp is replaced.

DISTRIBUTIONS

- TYPE V Symmetrical (Vert. Lamp)
- TYPE VS Square (Vert. Lamp)
- TYPE VR Rectangular (Vert. Lamp)
- TYPE VF Forward Throw (Vert. Lamp)
- TYPE VFC Forward Throw Cutoff (Vert. Lamp)

ORDERING EXAMPLE VA-25-V-HPS-400-BK-CL-120-FD-IL45

DESIGN	DISTRIBUTION	HPS	MH/MHP	LAMP	LENS
VA-25	V	250		ED-18	CL, FL or OBR
	V	400		ED-18	CL, FL or OBR
	V	600		T-16	CL, FL or OBR
	V	750		BT-37	CL, FL or OBR
	V	1000		E-25	CL or OBR
	V		400/450*	ED-37	CL, FL or OBR
			1000	BT-56	CL or OBR
VA-25	VS	250		ED-18	CL, FL or OBR
	VS	400		ED-18	CL, FL or OBR
	VS	600		T-16	CL, FL or OBR
	VS	750		BT-37	CL, FL or OBR
	VS	1000		E-25	CL or OBR
	VS		400/450*	ED-37	CL, FL or OBR
			1000	BT-56	CL or OBR
VA-25	VR	250		ED-18	CL, FL or OBR
	VR	400		ED-18	CL, FL or OBR
	VR	600		T-16	CL, FL or OBR
	VR	750		BT-37	CL, FL or OBR
	VR	1000		E-25	CL or OBR
	VR		400/450*	ED-37	CL, FL or OBR
			1000	BT-56	CL or OBR
VA-25	VF	250		ED-18	CL, FL or OBR
	VF	400		ED-18	CL, FL or OBR
	VF	600		T-16	CL, FL or OBR
	VF	750		BT-37	CL, FL or OBR
	VF	1000		E-25	CL or OBR
	VF		400/450*	ED-37	CL, FL or OBR
			1000	BT-56	CL or OBR
	VFC				

CL = Convex glass lens
FL = Flat glass lens
OBR = Open bottom

MH = Std. Metal Halide
MHP = Pulse Start

* Available only in Pulse Start MHP = Pulse Start

REQUIRED CHOICES

FINISH



OPTICAL

CL Clear Convex glass lens
FL Flat clear glass lens
OBR Open Bottom Reflector

VOLTAGES

120
208
240
277
347
480

OPTIONAL CHOICES

ELECTRICAL OPTIONS

FD Single Fusing 120V/277V
FDD Double Fusing 480V
FDFD Double Fusing 208V/240V
FDC Single Fusing 347V
PCT Photo Cell and Receptacle
BL Bi-Level lighting (Consult factory)

LIGHT TRESPASS OPTIONS

CL80x360 Internal 80° Vert. x 360° Horiz. Lens Shielding
CL60x135 Internal 60° Vert. x 135° Horiz.-Lens Shielding
IL45 Internal 45° Louver Shielding (VR Only)
IL75 Internal 75° Louver Shielding (VR Only)



CL80x360 - Internal 80° Vert. x 360° Horiz. Lens Shielding



CL60x135 - Internal 60° Vert. x 135° Horiz. Lens Shielding



IL45/IL75 Internal 45° or 75° Louver Shielding (VR Only)