

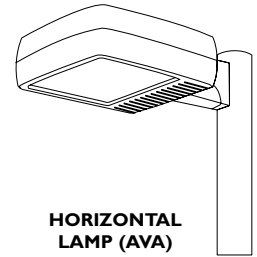
Job:
 Type:
 Notes:

Avalume

Horizontal Lamp

Page 1 of 3

The Avalume is a rectilinear area luminaire defined by its sleek rounded profile and rugged construction. The housing is one-piece, die cast aluminum and mounts directly to a pole without need of a separate support arm. The optical systems provide IES Types III, IV and V distributions. The door frame is single-piece die cast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. Avalume luminaires are finished with a fade and abrasion resistant TGIC powdercoat. Flat glass lens luminaires provide full cutoff performance.



PREFIX	MOUNTING	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
Enter the order code into the appropriate box above. Note: Philips Stonco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.						

PREFIX

AVA Avalume Horizontal Lamp Luminaire

MOUNTING

- 1** Single Pole Mount
- 2** Twin Pole Mount at 180°
- 2@90** Twin Pole Mount at 90°
- 3** 3-way Pole Mount at 90°
- 3@120°** 3-way Pole Mount at 120°
- 4** 4-way Pole Mount

DISTRIBUTION

- Horizontal Lamp Luminaires (AVA) Only**
- 3/F*** IES Type III/IES Type IV Forward Throw
 - 5** Type V

* Shipped as Type F. Removal of an insert converts the reflector to Type 3.

WATTAGE

Pulse Start MH Magnetic Ballast	100MH¹ [ⓔ] 250PSMH [ⓔ] 350PSMH^{1,2} [ⓔ] 175PSMH [ⓔ] 250PS90** [ⓔ] 400PSMH¹ [ⓔ] 320PSMH^{1,2} [ⓔ]		
High Pressure Sodium Magnetic Ballast	150HPS 250HPS 400HPS		
** 250 watt Pulse Start Metal Halide with a 90% efficient magnetic ballast. Complies with California Title 20 effective 1/1/2010. Available in 120, 208, 240 or 277V only.			
ⓔ	Wattages marked with Circle "E" meet federal energy efficiency standards applicable to 100 watt through 400 watt pulse start metal halide luminaires only.		

VOLTAGE

- 120**
 - 208**
 - 240**
 - 277**
 - 347**
 - 480**
- QUAD**
 120/208/240/277 wired to 277V.

1. Requires mogul base lamps.
2. Not available in 480V.

FINISH

BRP	Bronze Paint
BLP	Black Paint
NP	Natural Aluminum Paint
WP	WhitePaint
OC	Optional Color Paint
	<i>Specify Optional Color or</i>
	<i>RAL ex: RAL7024. Special Paint</i>
SC	<i>Specify. Must supply color chip.</i>

OPTIONS³

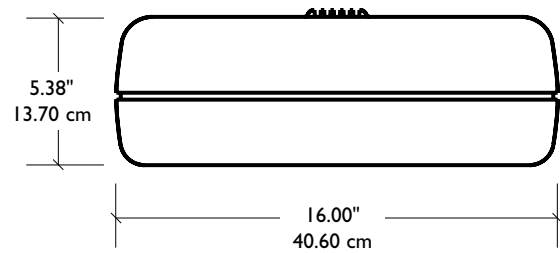
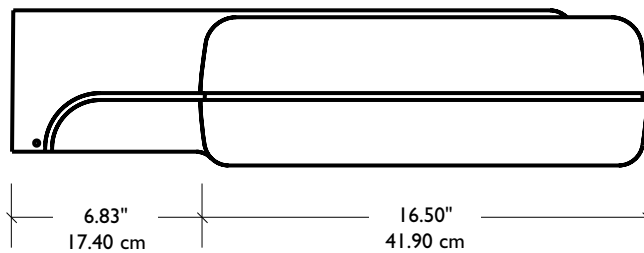
HS⁴	External House Side Shield
LF^{5,9}	In-Pole/In-Line Fusing.
PC^{6,9}	Photocontrol Receptacle with Photocontrol
PCR	Photocontrol Receptacle
MF⁷	Mast Arm Fitter
PTF2	Pole Top Fitter 2.375" X 4"
PTF3	Pole Top Fitter 3" - 3.5" X 6"
PTF4	Pole Top Fitter 3.5" - 4" X 6"
Q924⁸	Quartz Emergency
QT924⁸	Quartz Emergency - Timed Delay
WG	Wire Guard
TB	Terminal Block

3. Luminaires shipped complete from stock require field installation of all options.
4. Supplied standard in black only.
5. Kit includes In-Line Fuses.
6. Not available with 480V.
7. Requires 2 3/8" O.D. Mast Arm.
8. See Q924 Table. A separate 120V power source is required.
9. Specify input voltage.

(Note 8) Q924 Table	
HID Lamp Watts	Maximum Quartz Lamp Watts
175 watts or less	100 Watts
Above 175 watts up to 400 watts	150 Watts
Q924 and QT924 options not available with 480V.	

DIMENSIONS AND EPA

AVALUME HORIZONTAL (AVA)



Avalume Horizontal (AVA)	Effective Projected Area (EPA)			Approximate Weight / Single
	Single	Twin	3/4	
Flat Lens	1.1 ft ²	2.2 ft ²	2.7 ft ²	35 lbs 15.9 kg
	.10 m ²	.20 m ²	.25 m ²	
With External House Side Shield	1.2 ft ²	2.2 ft ²	3.2 ft ²	
	.11 m ²	.20 m ²	.30 m ²	

SPECIFICATIONS

GENERAL SPECIFICATIONS: Each Avalume luminaire is a rectilinear area luminaire defined by its sleek rounded profile and rugged construction.

HOUSING: The housing is one-piece diecast aluminum, and mounts directly to a pole without the need of a separate support arm. The low profile rounded form reduces the Avalume Horizontal Lamp E.P.A. (Effective Projected Area) of the luminaire to only 1.1 square feet (0.10 square meters), and the Avalume Vertical Lamp EPA to only 1.3 square feet (0.13 square meters)

DOOR/LENS ASSEMBLY: The door frame is single-piece diecast aluminum and retains an optically clear tempered flat glass lens. The diecast aluminum lens frame hinges down from the housing and is secured by a stainless steel lanyard and hinge pin. The tempered flat glass lens is mechanically secured with four (4) retainers. The electrical and optical chambers are thoroughly sealed with an extruded one-piece memory retentive extruded silicone gasket to prevent intrusion from moisture, dust, insects and other contaminants.

OPTICAL SYSTEMS: Avalume Horizontal Lamp luminaires feature segmented reflector systems consisting of two tiers of highly specular aluminum facets, precisely aligned to achieve specific photometric distributions. Optical systems are of the fixed position type with the lampholder positioned on the arm-side of the luminaire.

The position-oriented mogul base lampholder in all luminaires is glazed porcelain with a nickel plated screw shell.

ELECTRICAL: All electrical components are UL recognized and factory tested. Electronic and magnetic HID ballasts are high power factor. Magnetic HID ballasts are the separate component type. Electronic and magnetic HID ballasts are capable of providing reliable lamp starting down to -20°F / -29°C.

FINISH: Each standard color luminaire receives a fade and abrasion resistant electrostatically applied thermally cured triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include Bronze (BRP), Black (BLP), White (WVP), Natural Aluminum (NP). Consult factory for specifications on custom colors.

LABELS: All luminaires bear U.L. or C.U.L. (where applicable) Wet Location labels.

WARRANTY: Avalume luminaires feature a 1 year limited warranty. See www.usa.lighting.philips.com/support/support/warranty for complete details and exclusions

