

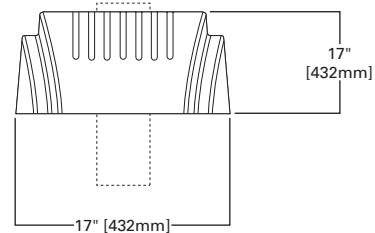
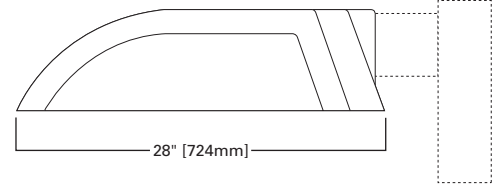
# AVM VISION

ARCHITECTURAL AREA LUMINAIRE

100-400W  
MH/HPS



STREETWORKS™



**HOUSING**

Heavy wall die-cast aluminum housing maintains a nominal .120 thickness. Vision is standard in black. Other colors available. Consult your Streetworks Representative. U.L. Listed and CSA certified. ANSI wattage/source label.

**TOOLLESS ENTRY**

Entrance to the housing utilizes a two point, toolless latch mechanism that blends into the fixture providing an unobtrusive, yet secure attachment.

**DOOR/LENS**

Door is heavy wall die-cast aluminum with integral insets for concealment of hinging. Lens is thermal shock- and impact-resistant clear tempered glass.

**GASKETING**

Extruded high temperature silicone gasketing completely seals optical system from dirt and debris.

**REFLECTOR ASSEMBLY**

Optional high efficiency segmented or hydroformed reflectors available in a range of distributions. Reflector modules attach to the housing via toolless fasteners. All reflectors are field rotatable in 90° increments.

**TOOLLESS POWER TRAY**

Ballast and related electrical componentry are mounted to a reinforced tray with integral handle for ease of maintenance. Quick electrical disconnects allow the tray to be completely removed from the housing providing ample room for attachment to the pole. Optional power tray fuse connections offer a distinct and easy to maintain alternative to common inline fuse connections.

**MOUNTING**

Extruded aluminum arm available in either 6' or 10' lengths. Integral guides within arm allow fixture to be easily secured to the pole or wall mount plate. 10' arm required for 90° mounting.

**ORDERING INFORMATION**

**SAMPLE NUMBER:** AVM40MWW3S

PRODUCT FAMILY <sup>1</sup>	LAMP WATTAGE <sup>2</sup>	LAMP TYPE	BALLAST TYPE	VOLTAGE	DISTRIBUTION	OPTIONS + ACCESSORIES (See Below)
AVM=Vision	10=100W	M=Metal Halide	C=CWI	2=120V	2F=Type II Formed	
Medium	15=150W	S=High Pressure Sodium	H=Reac./HPF	0=208V	3F=Type III Formed	
	17=175W		K=10KV CW	4=240V	4F=Type IV Formed	
	20=200W		M=Mag. Reg.	7=277V	5F=Type V Formed	
	25=250W		N=HIX/NPF	8=480V	2S=Type II Segmented	
	40=400W <sup>3</sup>		P=HIX/HPF	9=347V	3S=Type III Segmented	
	42=400/250W		R=Reac./NPF	N=Multi-Tap wired 277V	4S=Type IV Segmented	
			W=CWA	W=Multi-Tap wired 120V	5S=Type V Segmented	
					SL=Spill Light Eliminator	

**OPTIONS + ACCESSORIES** [Must be listed in the order shown and separated by a dash]

**OPTIONS** (add as suffix)  
 1=Single Fuse (120, 277, or 347V)  
 2=Double Fuse (208, 240, or 480V)  
 4=NEMA Twistlock Photocontrol Receptacle  
**WH**=White  
**BZ**=Bronze  
**AP**=Grey  
**DP**=Dark Platinum  
**GM**=Graphite Metallic  
**B**=Terminal Block  
**H**=House Side Shield  
**M**=Metal Oxide Varistors (MOV)  
**Q**=Quartz Standby  
**V**=Vandal Shield

**ACCESSORIES** (order separately)  
**MA1050**=6" Arm for Square Pole (.50 EPA)  
**MA1051**=10" Arm for Square Pole (1.0 EPA)<sup>4</sup>  
**MA1052**=6" Arm for Round Pole (.50 EPA)  
**MA1053**=10" Arm for Round Pole (1.0 EPA)<sup>4</sup>  
**MA1054**=Wall Bracket  
**MA1056**=Direct Mounting Kit for Square Pole  
**MA1057**=Direct Mounting Kit for Round Pole  
**MA1207**=Mast Arm Adapter  
**OA1016**=Photocontrol-105V-285V  
**OA1027**=Photocontrol-480V

**OPTIONAL COLORS** [Other finish colors available. Consult your Cooper Lighting representative]

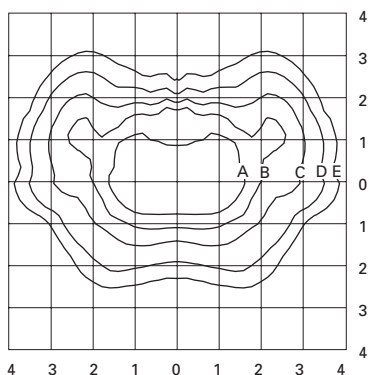
<b>WH</b> White	<b>BZ</b> Bronze	<b>AP</b> Grey	<b>DP</b> Dark Platinum	<b>GM</b> Graphite Metallic

**SHIPPING DATA**

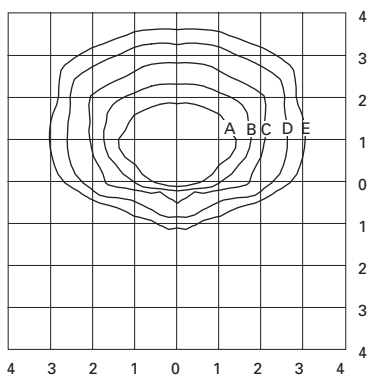
Approximate Net Weight:  
52 lbs. (23.59 kgs.)

**NOTE:** 1 Fixture and arm standard color is black. Optional colors available. Consult your Streetworks Representative. 2 All lamps are mogul-base. 3 Use reduce envelope ED28 Lamp. 4 Required for mounting fixtures at 90° increments.

PHOTOMETRICS [Complete IES files available at [www.cooperlighting.com](http://www.cooperlighting.com)]



**AVM40M3S.IES**  
400-Watt MH  
36,000-Lumen Lamp  
Type III



**AVM40MSL.IES**  
400-Watt MH  
36,000-Lumen Lamp  
SLE—Spill Light Eliminator

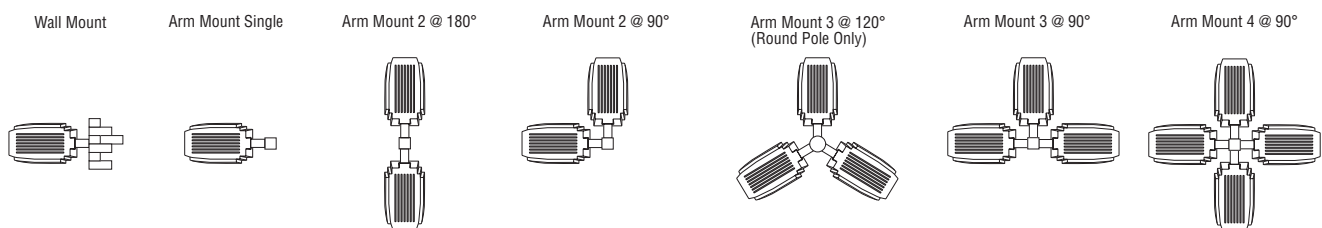
**FOOTCANDLE TABLE**

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
<b>AVM40M3S.IES</b>					
20'	3.00	1.50	0.75	0.30	0.15
25'	2.00	1.00	0.50	0.20	0.10
30'	1.38	0.69	0.34	0.13	0.06

<b>AVM40MSL.IES</b>					
20'	4.50	2.25	1.13	0.45	0.23
25'	2.88	1.44	0.72	0.29	0.14
30'	2.00	1.00	0.50	0.20	0.10

**MOUNTING CONFIGURATIONS**



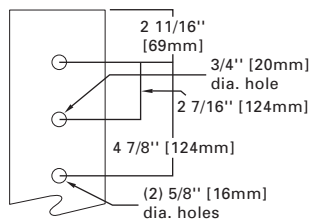
**E.P.A. TABLE**

AVM	DRILL PATTERN	SINGLE					
		[W/Arm where applicable]	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
	"M"	1.6	3.2	3.2	4.5	4.5	5.55

NOTE: 1 Assumes 10" arm for 90° and 120° mounting configurations, 6" for all else.

**DRILLING PATTERN**

**TYPE "M"**



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