

AVM VISION

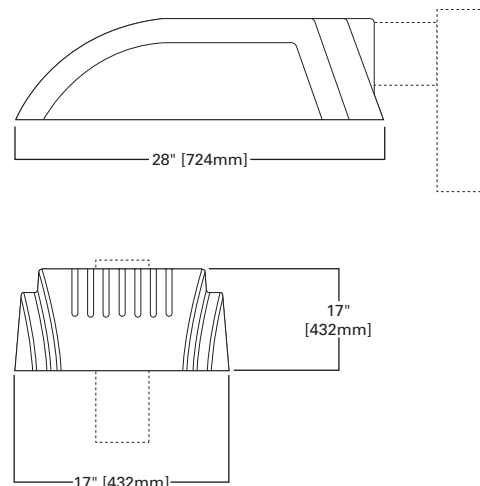
ARCHITECTURAL AREA LUMINAIRE

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 ¹	LAMP WATTAGE ²	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 ³		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) ⁴
 MA1052=6" Arm for Round Pole (.50 EPA)
 MA1053=10" Arm for Round Pole (1.0 EPA) ⁴
 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]

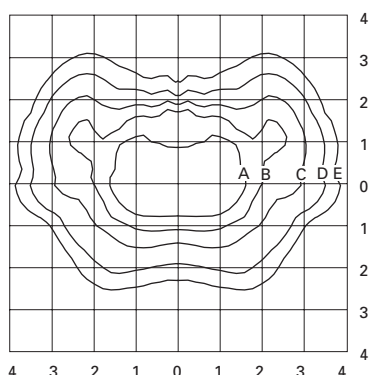
				
WH White	BZ Bronze	AP Grey	DP Dark Platinum	GM Graphite Metallic

SHIPPING DATA

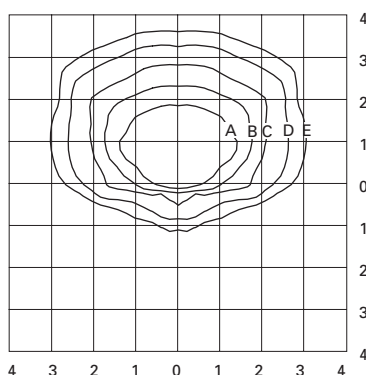
Approximate Net Weight:
 52 lbs. (23.59 kgs.)

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]



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



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

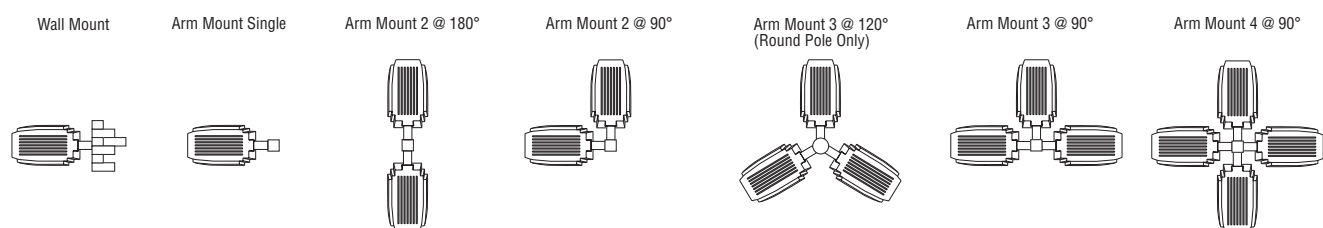
FOOTCANDLE TABLE

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
AVM40M3S.IES					
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

AVM40MSL.IES					
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

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

