

AMSA-SR

Site and Area Cutoff Luminaire
Field Selectable Output & CCT

PROJECT NAME:

FIXTURE TYPE:

SPECIFICATIONS

Housing:

Die Cast Aluminum Housing and Front Frame. Integral Heat Sinking and Driver Compartment. Stainless Steel Hardware. Housing comes standard with Sensor Ready Receptacle & Screw-In Sensor Receptacle.

Finish:

Dark Bronze Premium Polyester Powdercoat

Listings & Ratings:

cUL Listed For Wet Location. DLC Premium Listed. IP65 Listed for Ingress. IK08 Listed for Impact.

Lens / Optics:

UV Stabilized Polycarbonate Lens with Integrated LED Optics. Type-III (T3) or Type-V (T5) Distribution.

LED's:

Long Life LED's provide a TM-21-11 calculated L90 of 51,000 hrs and L70 of 167,000 hrs. CCT is Field Selectable in 3000K(WW), 4000K(NW), and 5000K (CW). All CCT's have a 70CRI Min. Color Shift of <0.0019 ($\Delta u'v'$) over initial 6,000 hrs of operation.

Tri-Step Field Selectable Wattage / Lumen Output*:

AMSA-SR24 12,267 - 25,747 Nominal Lumens / 71 - 152 Watts
AMSA-SR40 23,337 - 41,366 Nominal Lumens / 130 - 235 Watts

*See Lumen / Wattage Tables For Field Selected Options

Driver:

Electronic Driver Available in 120-277V or 277-480V 50/60Hz. Drivers have a THD < 20% and a PF > 0.90. Integral 6kV Surge Protection. Drivers are 0-10V Standard Dimming. Luminaire has an Ambient Operating Temperature Range from -40°C to 50°C (-40°F to 122°F). A 6ft Incoming Power Cord is provided. Compression Type Waterproof Cord Seals are used at entry.

Controls & Sensors:

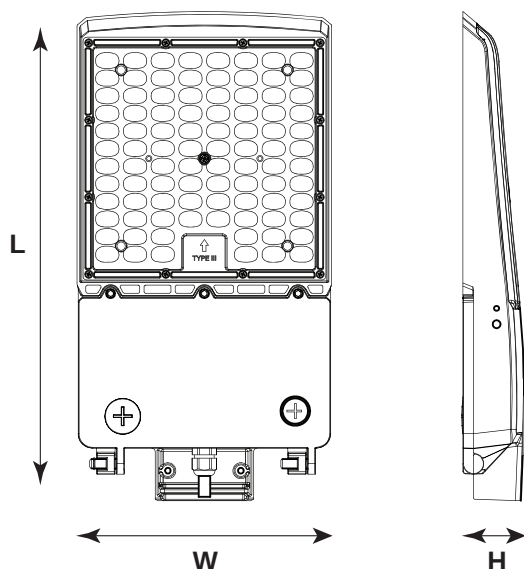
Factory Installed Controls are Wired For 0-10V and/or Switching. See Options. Screw-In Sensor Ready.

Mounting Options:

Pole Mount Adjustable Knuckle Arms, Slipfitter Adjustable Kuckle, Adjustable Trunnion, Wall Mount Bracket, & Adjustable Yoke Mount.

Warranty:

5 Year Electronics & Housing Warranty in -40°C to +50°C Environments.



Model #	L (in)	W (in)	H (in)	Weight (lbs)	EPA (Sqft)
AMSA-SR24	16.63	8.66	2.07	6.21	1.20
AMSA-SR40	20.05	11.89	2.07	11.89	1.98

CERTIFICATIONS & LISTINGS:



2026006

ORDERING

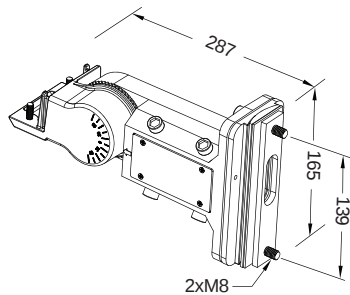
MODEL	MOUNTING	DISTRIBUTION	OPTIONS
(120 - 277V) AMSA-SR24 AMSA-SR40 (347-480V) AMSA-SR40-UNC AMSA-SR40-UNC	ARM ARM-A SF TR YOKE WMB	T3 (Type-III) T5 (Type-V)	HD09VR-PH5-1 PIR Motion Sensor (Max Height = 39ft)* HD09VR-MH5-1 Microwave Step Dimming Sensor (Max Height = 49ft)* HDO5R Remote Programmer for HD09VR Sensors HD07VR-A-1 12VDC Photocell with RCA Jack (100FC on, 1000FC off) JL-205C23-IP65 120-277V NEMA 3-Pin Twistlock Photocell (60FC on, 500FC off) 26WA86 480V NEMA 3-Pin Twistlock Photocell (150FC on, 450FC off) PR NEMA 3-Pin Receptacle (Required Option For JL-205C23-IP65 & 26WA86) SP10 10kV Parallel Surge Protector

Ordering Example: AMSA-SR24-UNC / ARM / T3 / HD09VR-PH-1/SP10

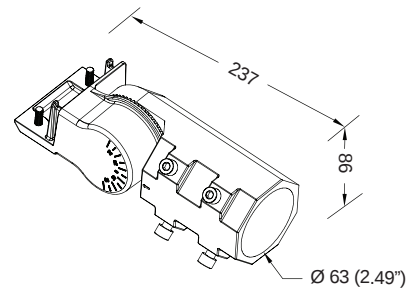
*HDOR5R is Required for Altering Factory Sensor Settings. Factory settings are Detection Area = 100%, Stand By Period = 0 Sec, Stand By Dimming Level = 10%, Daylight Threshold = Disabled.

Mounting Options

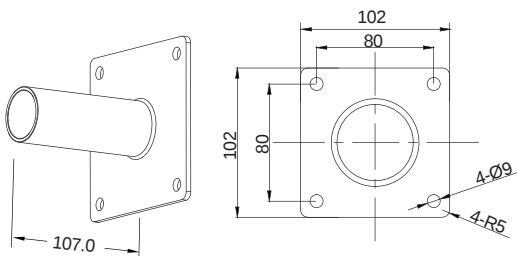
Dimensions are in mm unless noted



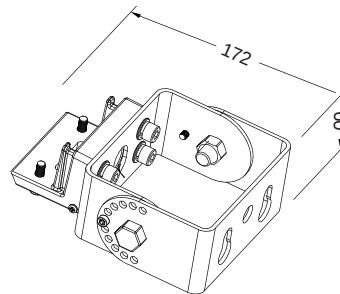
Arm
(Fixed Pole Arm)



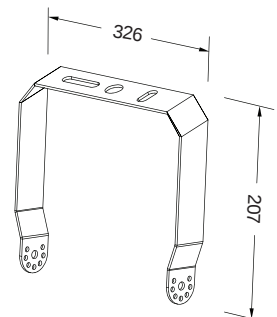
Slip Fitter-SF
(Adjustable Knuckle 2-3/8" OD Tenon)



Wall Mount Bracket-WMB
(Use With Slip Fitter-SF)



Trunnion - TR
(Adjustable)



Yoke-L
(Adjustable, For MPALDSR40)

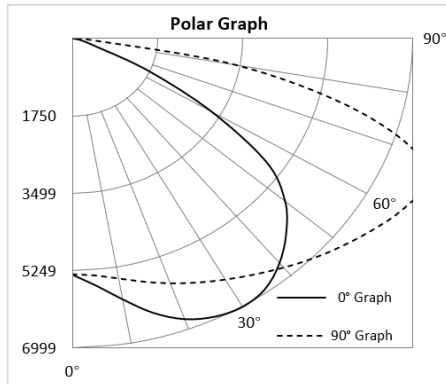
LUMEN / WATTAGE TABLES

AMSA-SR24 T3 Type-III	Output Setting	Low			Mid			High		
	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	12267	12952	12897	17936	19335	18935	22882	24994	24095
	Watts	71.3	69.6	71.4	111.4	107.9	111.9	151.2	145.4	151.8
	Efficacy	172.1	186.0	180.6	161.0	179.3	169.3	151.3	171.9	158.7

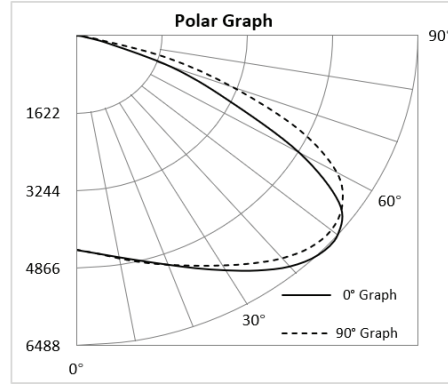
AMSA-SR24 T5 Type-V	Output Setting	Low			Mid			High		
	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	12596	13303	13235	18183	19593	19152	23073	25052	24045
	Watts	73.6	71.9	73.8	113.4	110.0	113.9	152.4	146.2	152.2
	Efficacy	171.1	185.0	179.3	160.4	178.2	168.2	151.4	171.4	158.0

AMSA-SR40 T3 Type-III	Output Setting	Low			Mid			High		
	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	23353	24576	24456	31008	33019	32522	37956	40847	39755
	Watts	132.2	129.1	132.2	183.1	177.7	183.4	234.7	226.1	234.8
	Efficacy	176.7	190.4	184.9	169.4	185.9	177.3	161.7	180.7	169.3

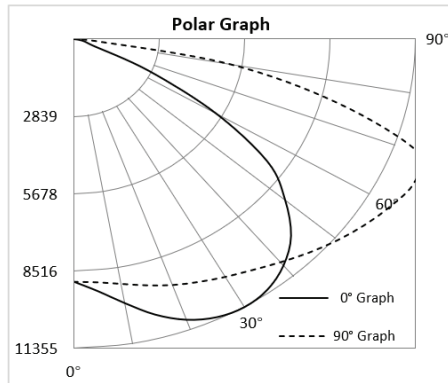
AMSA-SR40 T5 Type-V	Output Setting	Low			Mid			High		
	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	23407	24658	24545	31046	33005	32416	37787	40597	39578
	Watts	132.1	129.1	132.2	182.3	176.9	182.2	231.6	223.3	232.2
	Efficacy	177.2	191.0	185.7	170.3	186.6	178.0	163.2	181.8	170.5

PHOTOMETRY

MAPLSR24

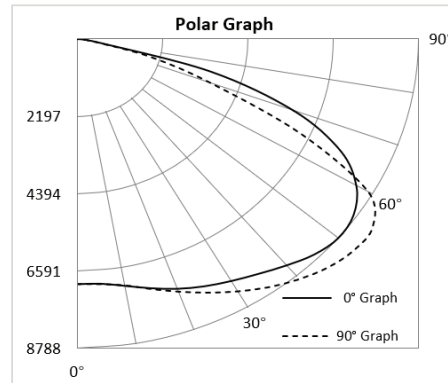
Output Setting = High (145.37 Watts)
 CCT Setting = 4000K
 Distribution = T3 (Type-III)
 Total Lumens = 24994
 Max CD = 8553.5 (67.5H, 67V)
 B4-U0-G4


MAPLSR24

Output Setting = High (146.2 Watts)
 CCT Setting = 4000K
 Distribution = T5 (Type-V)
 Total Lumens = 25052
 Max CD = 6574.2 (22.5H, 47V)
 B4-U0-G2


MAPLSR40

Output Setting = High (226.1 Watts)
 CCT Setting = 4000K
 Distribution = T3 (Type-III)
 Total Lumens = 40847
 Max CD = 14515 (292.5H, 69V)
 B5-U0-G4


MAPLSR40

Output Setting = High (223.3 Watts)
 CCT Setting = 4000K
 Distribution = T5 (Type-V)
 Total Lumens = 40597
 Max CD = 10151 (202.5H, 52V)
 B5-U0-G3