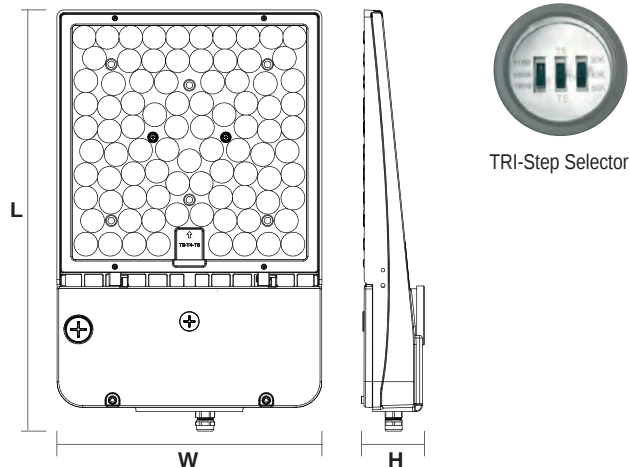


AMSA-DSR

Site and Area Cutoff Luminaire
Field Selectable Lumens, CCT, & Distribution



Model #	L (in)	W (in)	H (in)	Weight (lbs)	EPA (Sqft)
AMSA-DSR24	18.52	12.22	2.8	10.48	1.95
AMSA-DSR40	21.26	13.68	2.83	12.69	2.44

CERTIFICATIONS & LISTINGS:



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.

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. Field Selectable Type-III (T3), Type-IV (T4), 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 <0.00495 ($\Delta u'v'$) over initial 6,000 hrs of operation.

Tri-Step Field Selectable Wattage / Lumen Output*:

AMSA-DSR24 15,381 - 26,687 Nominal Lumens / 105 - 190 Watts
AMSA-DSR40 28,342 - 42,653 Nominal Lumens / 198 - 305 Watts

*See Lumen / Wattage Tables For Field Selected Options

Driver:

Electronic Driver Available in 120-277V 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 and Dimming Cord are 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:

Standard Pole Mount Arm, Pole Mount Adjustable Knuckle Arm, Slipfitter Adjustable Kuckle, Adjustable Trunnion, Wall Mount Bracket, Small Adjustable Yoke, & Large Adjustable Yoke.

Warranty:

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

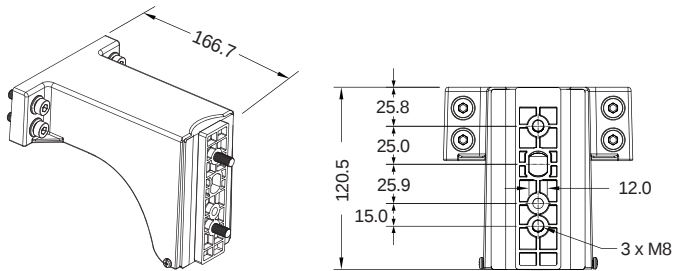
ORDERING

MODEL	MOUNTING	OPTIONS
AMSA-DSR24	ARM	HD09VR-PH5-1 PIR Motion Sensor (Max Height = 39ft)*
AMSA-DSR40	ARM-A	HD09VR-MH5-1 Microwave Step Dimming Sensor (Max Height = 49ft)*
	SF	HD05R Remote Programmer for HD09VR Sensors
	TR	HD07VR-A-1 12VDC Photocell with RCA Jack (100FC on, 1000FC off)
	YOKE-S*	JL-205C23-IP65 NEMA Twistlock Photocell (100FC on, 1000FC off)
	YOKE-L**	PR NEMA 3-Pin Receptacle (Required Option For JL-205C23-IP65)
	WMB	SP10 10kV Parallel Surge Protector
	*AMSA-DSR24 Only **AMSA-DSR40 Only	
	*HD05R 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.	

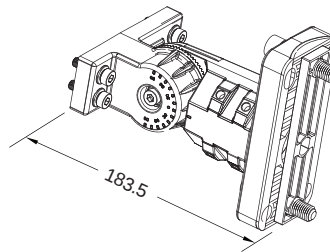
Ordering Example: AMSA-DSR24 / ARM / HD09VR-PH-1/SP10

Mounting Options

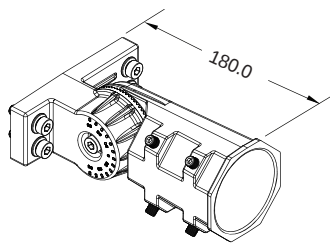
Dimensions are in mm unless noted



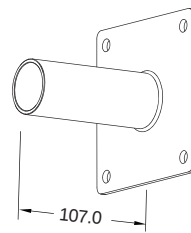
Arm
(Fixed Pole Arm)



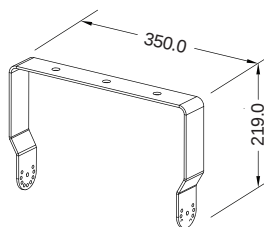
Arm-A
(Adjustable Knuckle Pole Arm)



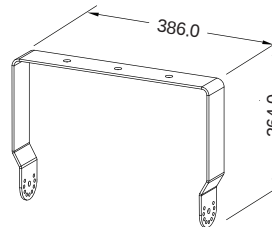
Slip Fitter-SF
(Adjustable Knuckle 2-3/8" OD Tenon)



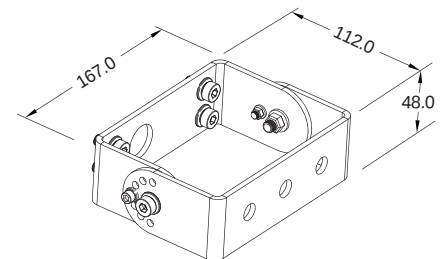
Wall Mount Bracket-WMB
(Use With Slip Fitter-SF)



Yoke-S
(Adjustable, For AMSA-DSR24)



Yoke-L
(Adjustable, For AMSA-DSR40)



Trunnion - TR
(Adjustable)

LUMEN / WATTAGE TABLES

Output Setting		Low			Mid			High		
AMSA-DSR24 Distribution Setting: T3	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	15381	16398	16338	21113	22868	22615	22993	25866	25124
	Watts	110.0	107.2	109.9	162.0	156.3	162.3	190.4	182.3	189.5
	Efficacy	139.8	153.0	148.7	130.3	146.3	139.3	120.7	141.9	132.6

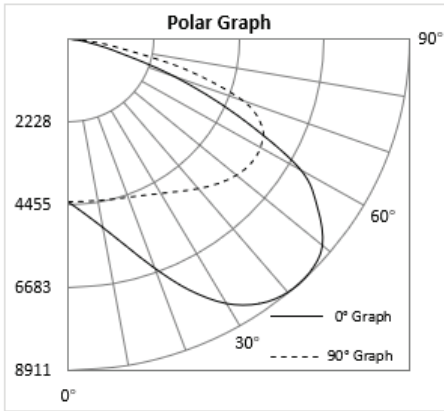
Output Setting		Low			Mid			High		
AMSA-DSR24 Distribution Setting: T4	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	15976	16767	16793	22052	23466	23264	25016	26686	26378
	Watts	107.4	105.1	107.3	156.5	152.3	156.2	182.3	176.9	182.2
	Efficacy	148.8	159.5	156.6	140.9	154.0	149.0	137.2	150.8	144.8

Output Setting		Low			Mid			High		
AMSA-DSR24 Distribution Setting: T5	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	15597	16503	16379	21249	22836	22202	23726	25760	25028
	Watts	110.3	107.2	110.0	162.1	156.3	1161.8	189.4	181.9	189.3
	Efficacy	141.4	154.0	149.0	131.1	146.1	19.1	125.3	141.6	132.2

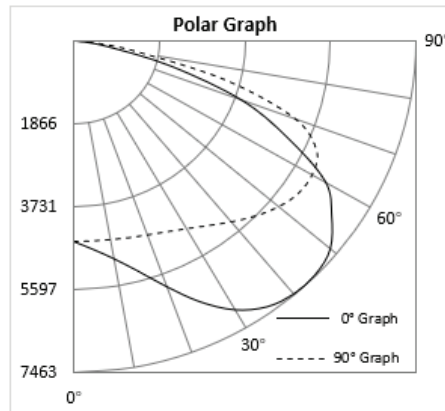
Output Setting		Low			Mid			High		
AMSA-DSR40 Distribution Setting: T3	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	28358	30523	30063	33217	35499	34522	37668	40931	39524
	Watts	208.5	202.0	208.5	252.6	242.8	251.3	306.4	293.3	305.2
	Efficacy	136.0	151.1	144.2	131.5	146.2	137.4	123.0	139.6	129.5

Output Setting		Low			Mid			High		
AMSA-DSR40 Distribution Setting: T4	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	29808	31479	31197	34596	36832	36243	39855	42651	41598
	Watts	202.7	197.6	202.2	243.2	236.5	242.7	294.1	284.5	293.2
	Efficacy	147.1	159.3	154.3	142.3	155.8	149.3	135.5	149.9	141.9

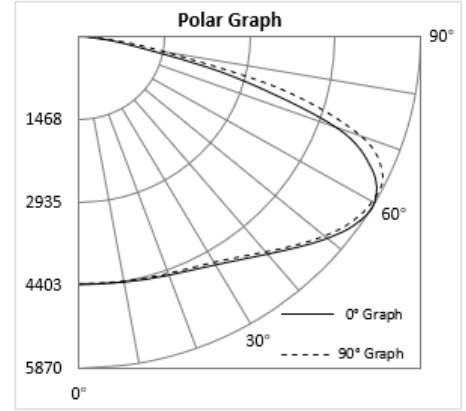
Output Setting		Low			Mid			High		
AMSA-DSR40 Distribution Setting: T5	CCT Setting	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	Lumens	28557	30596	30044	32892	35509	34603	37520	40893	39484
	Watts	208.9	202.2	208.4	251.6	242.5	250.9	305.7	293.1	304.9
	Efficacy	136.7	151.3	144.1	130.7	146.4	137.9	122.8	139.5	129.5

PHOTOMETRY

AMSA-DSR24

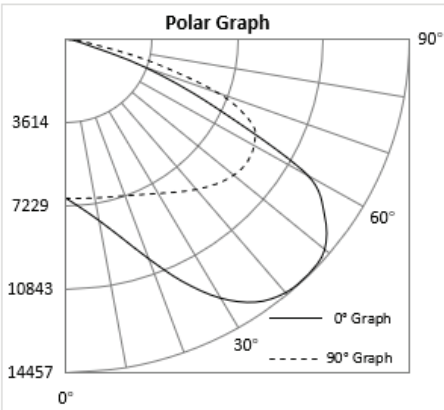
Output Setting = High (181.5 Watts)
 CCT Setting = 4000K
 Distribution Setting = T3
 Total Lumens = 25681
 Max CD = 8911 (360H, 42V)
 B4-U0-G4


AMSA-DSR24

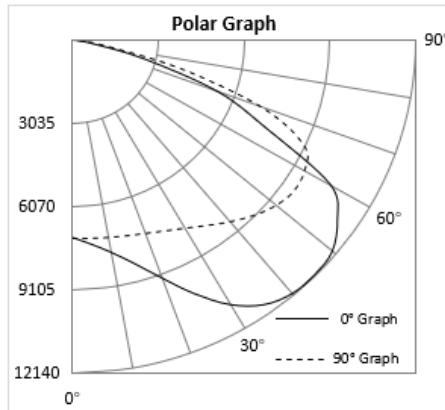
Output Setting = High (176.5 Watts)
 CCT Setting = 4000K
 Distribution Setting = T4
 Total Lumens = 26679
 Max CD = 7463 (360H, 42V)
 B4-U0-G4


AMSA-DSR24

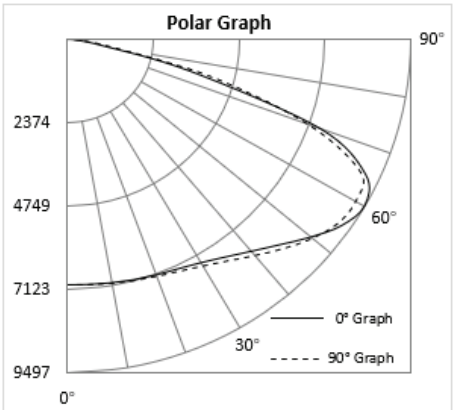
Output Setting = High (181.5 Watts)
 CCT Setting = 4000K
 Distribution Setting = T5
 Total Lumens = 258872
 Max CD = 6052.4 (45H, 62V)
 B4-U0-G3


AMSA-DSR40

Output Setting = High (290.4 Watts)
 CCT Setting = 4000K
 Distribution Setting = T3
 Total Lumens = 40722
 Max CD = 14457 (360H, 44V)
 B5-U0-G5


AMSA-DSR40

Output Setting = High (282.1 Watts)
 CCT Setting = 4000K
 Distribution Setting = T4
 Total Lumens = 42479
 Max CD = 12140 (360H, 43V)
 B5-U0-G5


AMSA-DSR40

Output Setting = High (289.6 Watts)
 CCT Setting = 4000K
 Distribution Setting = T5
 Total Lumens = 41022
 Max CD = 9497Z (22.5H, 61V)
 B5-U0-G3