

RAR

RATIO Area/Site Roadway

AREA/SITE ROADWAY



Timeless design with multiple optical configurations and easy installation features

- Applications include: area/site, roadway, and security lighting
- Replaces up to 750w HID
- Universal mounting block optional; Mast arm fitter option available for 2 3/8" OD arms (if ordering with poles, select B3 drill pattern)
- Lens distributions are field rotatable (in 90° increments) or exchangeable for job site fine tuning
- -40°C to 40°C ambient operation
- Compact and lightweight design with low EPA

- 10KA surge protection standard; Automatically takes fixture off-line for protection when device is consumed
- 7-pin photocontrol receptacle option available for twist lock photocontrols or wireless control module (control accessories sold separately)
- Utilizes low current, high efficacy LEDs
- ANSI 3G rated for high vibration applications
- Listed to UL1598 for use in wet locations
- IP65 optical assembly

STOCK

Catalog Number	Lumens	Wattage	LED Count	CCT/CRI	Voltage	Distribution	Mounting	Finish
RAR1-100-4K-3	12,000	100W	160L	4000K/70CRI	120-277V	Type 4W	Square Arm	Bronze
RAR1-100-4K-4W	12,000	100W	160L	4000K/70CRI	120-277V	Type 4W	Square Arm	Bronze
RAR2-140-4K-3	18,000	140W	320L	4000K/70CRI	120-277V	Type 4W	Square Arm	Bronze
RAR2-140-4K-4W	18,000	140W	320L	4000K/70CRI	120-277V	Type 4W	Square Arm	Bronze
RAR2-165-4K-3	21,000	165W	320L	4000K/70CRI	120-277V	Type 4W	Square Arm	Bronze
RAR2-165-4K-4W	21,000	165W	320L	4000K/70CRI	120-277V	Type 4W	Square Arm	Bronze

ACCESSORIES

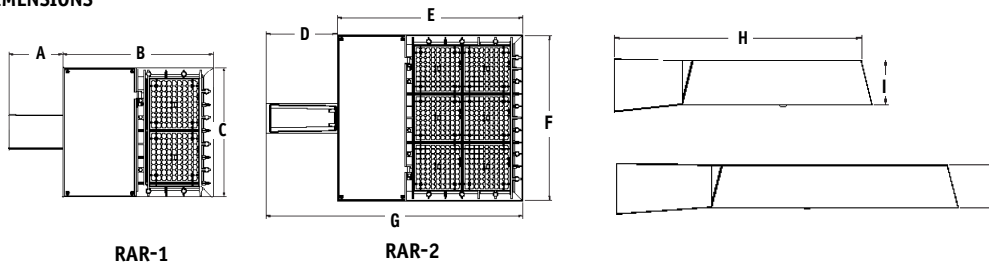
Catalog Number	Description
RARRPA3DB	RAR Round Pole Adapter 3.5" TO 4.13"
RARA3UDB	Universal Mount for square pole or round pole 3.5" TO 4.13"

* Available Summer 2018

EQUIVALENCY INFORMATION

Series Number	Equivalency		Energy Savings
	MH	HPS	
RAR1-80L	175W	150W	76%
RAR1-160L	250W	250W	69%
RAR2-320L	400W	400W	71%
RAR2-480L	750W	750W	72%

DIMENSIONS



A	B	C	D	E	F	G	H	I	RAR-1 EPA@0°	RAR-2 EPA@0°	RAR-1 EPA@30°	RAR-2 EPA@30°
5.0"	14.0"	12.0"	7.5"	19.5"	17.39"	27.0"	18.2"	3.25"	.45 ft. ²	.55 ft. ²	.56 ft. ²	1.48 ft. ²
127mm	355.6mm	304.8mm	190.5mm	495.3mm	441.7mm	685.8mm	462.8mm	82.5mm	.13 m ²	.17 m ²	.17 m ²	.45 m ²

Weight

RAR-1	13.5 lbs (6.12 kgs)
RAR-2	24.0 lbs (10.8 kgs)

SERIES	# LEDS WATTAGE	OPTICS ROTATION	MOUNTING SQUARE POLES	COLOR	OPTIONS
RAR1 Ratio Area Size 1	80L-25 25W - 3,000 Lumens 80L-50 50W - 6,000 Lumens 160L-70 70W - 9,000 Lumens 160L-100 100W - 12,000 Lumens	Blank for no rotation L Optic rotation left R Optic rotation right	ASQ Arm mount for square pole/flat surface ASQU Universal arm mount for square pole/flat surface	BL Black textured DB Dark bronze textured GT Graphite textured GYS Light gray smooth PS Platinum silver smooth WH White textured CC Custom Color	BC Backlight control CD Continuous dimming F Fusing (must specify voltage) TB Terminal Block 2PF 2 power feed with 2 drivers ³
RAR2 Ratio Area Size 2	320L-110 110W - 15,000 Lumens 320L-140 140W - 18,000 Lumens 320L-165 165W - 21,000 Lumens 480L-185 185W - 24,000 Lumens 480L-210 210W - 27,000 Lumens 480L-240 240W - 30,000 Lumens	DISTRIBUTION 2 TYPE II 3 TYPE III 4W TYPE IV Wide 5QW TYPE V Square Wide	MOUNTING ROUND POLES A_1 Arm mount for round pole A_U1 Universal arm mount for round point	CONTROL OPTIONS NETWORK NXWE NX Wireless Enabled (module + radio) NXSPW_F2 NX Wireless, PIR Occ. Sensor, Daylight Harvesting NXSP_F2 NX, PIR Occ. Sensor, Daylight Harvesting	
		CCT/CRI 3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI	MOUNTING OTHER WB Wall Bracket MAF Mast Arm Fitter for 2-3/8" OD horizontal arm K Knuckle	CONTROL OPTIONS OTHER SCP-40F4 Programmable Occupancy Sensor 7PR 7-Pin Twist Lock Receptacle 7PR-SC 7 pin receptacle with shorting cap 7PR-MD40F Low voltage sensor for 7PR 7PR-TL 7 pin PCR with photo control	
		VOLTAGE UNV Universal 120-277V 347 347V 480 480V			

- 1 - Replace " _ " with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
- 2 - Replace " _ " with "14" for up to 14' mounting height, "30F" for 15-30' mounting height
- 3 - Not available with 80 LED versions
- 4 - At least one SCPREMOTE required to program SCP motion sensor

MADE TO ORDER ACCESSORIES - Order Separately

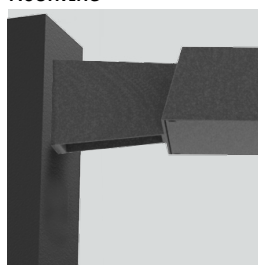
Catalog Number	Description
RAR-ASQU-XX	Universal Am mount for square pole / flat surface
RAR-A_U-XX	Universal arm mount for round poles
RAR-RPA_XX	Round pole adapter
TPLBARA3	Twin Parallel Luminaire Bracket
SETAVP	4" square pole top tenon adapter, 2 3/8" OD slipfitter
RETAVP	4" Round pole top tenon adapter; 2 3/8" OD slipfitter for max. four fixtures (90°); Order 4" round pole adapters separately
TETAVP	Three-sided pole top tenon adapter, 2 3/8" OD slipfitter
SPIKE	Bird Deterrent
RARWB-XX	Wall Bracket - use with Mast Arm Fitter or Knuckle

Replace "XX" with "BL" for Black, "DB" for Dark Bronze, "GT" for Graphite, "GYS" for Gray Smooth, "PS" for Platinum Silver, "WH" for White
 Replace " _ " with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole

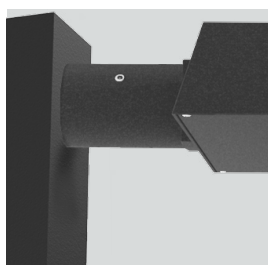
CONTROLS ACCESSORIES - Order Separately

Catalog Number	Description
SW7PR	SiteSync on fixture module via 7PR
SWUSB	SiteSync Software on USB
SWTAB	SiteSync Windows Tablet
SWBRG	SiteSync Wireless Bridge Node
SWFC	SiteSync Field Commission Serv
SCPREMOTE	Order at least one per project location to program and control
WIR-RME-L	wiSCAPE external control node; use with 7PR
NXOFM-1R1D-UNV	NX external control node; use with 7PR

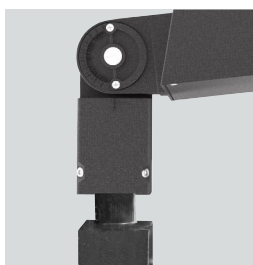
MOUNTING



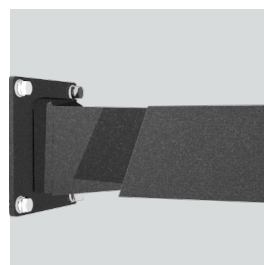
Arm Mount - Fixture ships with integral arm for ease of installation. Compatible with Hubbell Outdoor B3 drill pattern.



MAF - Fits 2-3/8" OD arms Roadway applications.



Knuckle - Knuckle mount 15° aiming angle increments for precise aiming and control, fits 2-3/8" tenons or pipes.



Wall Mount - Wall mount bracket designed for building mount applications.

