



Description

The low-profile, formed aluminum housing with higher lumen outputs will enhance all projects with an elegant aesthetic and more than adequate lighting to any scene or location.



Applications

Auto Dealerships
College Campuses

Downtown Areas
Outdoor Malls

Sports Fields
Public Parks

Details

IP Rating	IP65
EPA Rating	0.8
Materials	Aluminum
Lens	Polycarbonate
L70 Life	200,000 Hours
Warranty	10 Years
CRI	80+
Qualification	UL, DLC 4.2, FCC, CE, RoHS
Driver Man.	YG (100-277V), Inventronics (480V)
Chip Man.	Philips

Electrical

Power Factor	0.99
Frequency	50/60 Hz
Max THD	15%
Operating Temp.	-40° F to 150° F -40° C to 65° C
Dimming	3 in 1 (Resistance, PWM, 1-10V)

DLC #:	U-ARAL-150	U-ARAL-200	U-ARAL-300
MODEL #:	AE-L-SBAS-150	AE-L-SBAS-200	AE-L-SBAS-300
Input Wattage:	150W	200W	300W
Lumens:	20,449 lm	27,200 lm	42,000 lm
Equivalent:	750W MH	1000W MH	1500W MH

Ordering Information

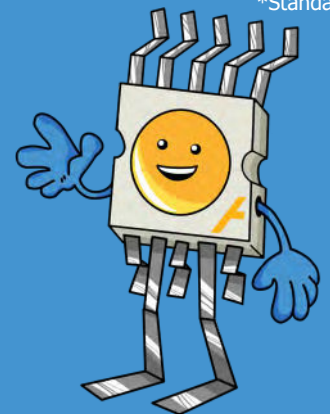
Example: AE-L-SBAS-200-140-50K-T4-1-SF-P-BL

Wtg	Lumen Package	Color Temp.	Distribution	Input Voltage	Mounting	Options	Finish
150	140 - 140 lm/W*	30K - 3000K	T3 - Type 3*	1 - 100-277V*	A - 6" Arm*	P - Photocell	BZ - Bronze*
200	165 - 165 lm/W	40K - 4000K	T4 - Type 4	2 - 480V	SF - Slip Fitter	MS - Motion Sensor	BL - Black
300	180 - 180 lm/W	50K - 5000K*	T5 - Type 5			EI - Emergency Inverter	WH - White
		57K - 5700K				(X)P - (X)-Pin Twist-Lock Base (X = select one: 3, 5, or 7)	GR - Gray
						WP(X) - Additional Whip (X = specified length in ft.; 1.67' is standard)	SP - Other

*Standard

Additional Notes

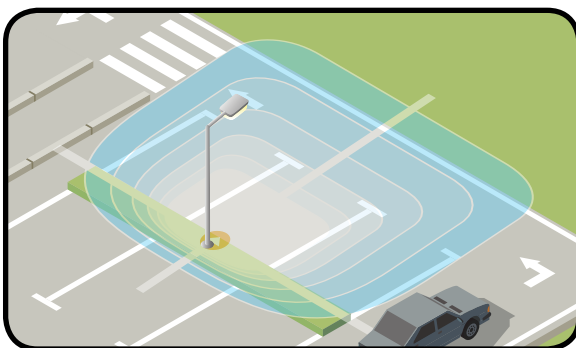
- Only 5000K, 100-277V in black are stocked locally, check for ETA's
- Life is more than 27 years operating 10 hours a day, based on L70 standards
- Step-down dimming motion sensors are for 100-277V models only
- Hot-start delays: .08 seconds (YG driver)
- Additional charges apply for items under "Options" column and non-standard colors



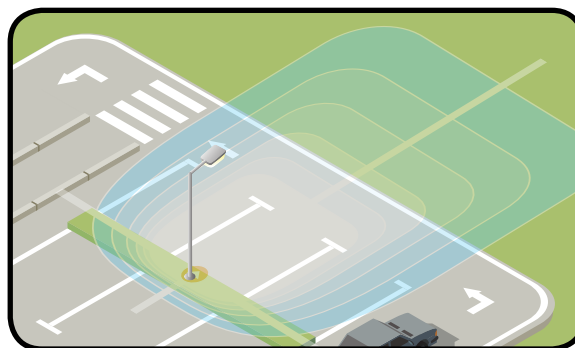
Lumen Output (based on 5700K)

System Watts	Dist. Type	Lumens	lm/W	B	U	G	Lumens	lm/W	B	U	G	Lumens	lm/W	B	U	G
150	T3	21,011	140	3	0	3	24,700	165	3	0	3	27,014	180	3	0	3
	T4	22,705	151	3	0	3	24,720	165	3	0	3	27,050	180	3	0	3
	T5	21,212	141	5	0	5	24,720	165	5	0	5	27,000	180	5	0	5
200	T3	30,500	153	4	0	4	32,709	164	4	0	4	36,313	182	4	0	4
	T4	31,000	155	3	0	4	33,028	165	3	0	4	36,520	182	3	0	4
	T5	31,028	155	5	0	1	33,000	165	5	0	1	36,310	183	5	0	1
300	T3	40,266	134	3	0	5	49,252	164	3	0	5	54,223	181	3	0	5
	T4	42,344	141	4	0	5	50,728	169	4	0	5	54,300	181	4	0	5
	T5	43,521	145	5	0	2	50,235	167	5	0	2	53,758	179	5	0	2

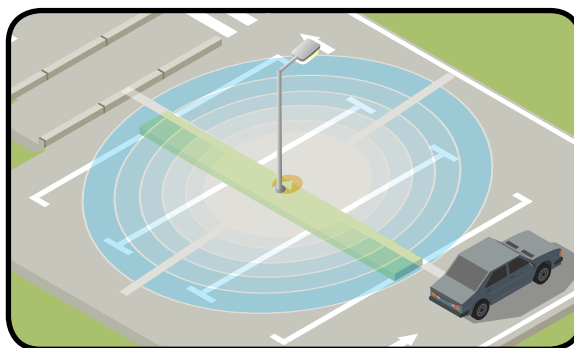
Distribution Types



Type 3

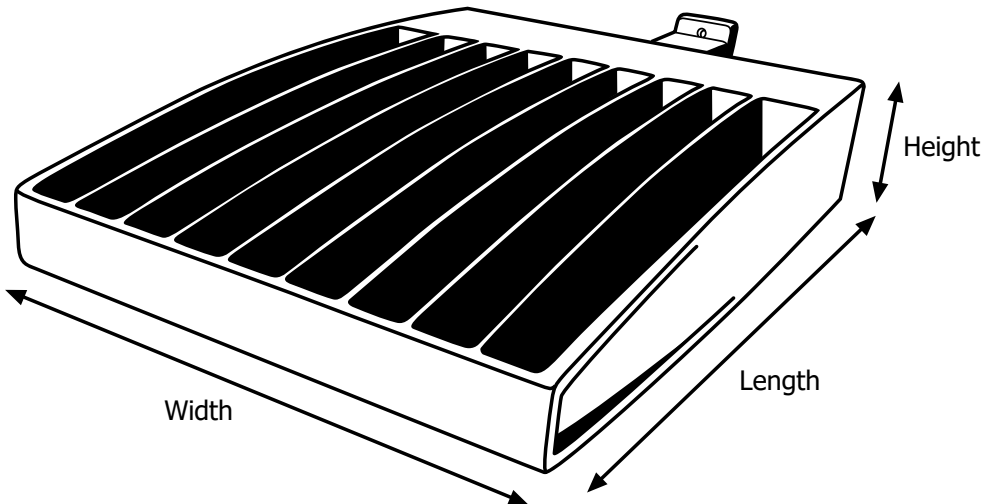


Type 4



Type 5

Fixture Dimensions and Weight



Length	Width	Height	Weight
20.75 in.	15.4 in.	4 in.	24.3 lb., 26.5 lb., 28.7 lb.
527 mm.	391 mm.	102 mm.	11 kg., 12 kg., 13 kg.

Weight for 150W, 200W, and 300W respectively.

Accessories and Options

Multi-Level Motion
Sensor (optional)



Phenix External Emergency
Inverter (18470X-3) (optional)



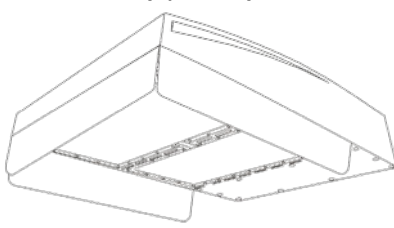
Photocell
(optional)



Wall Bracket
(optional)



Light Shield
(optional)



Wiring Precaution

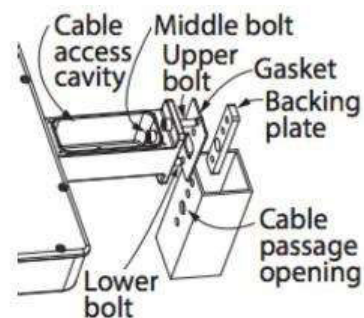
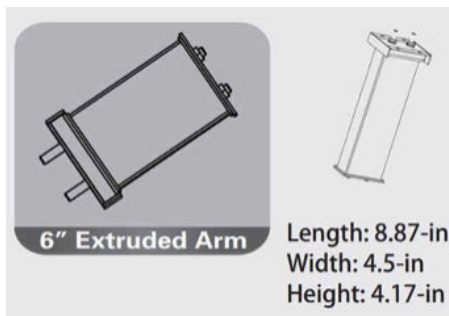
The international color scheme is brown (hot), blue (neutral) and green/yellow (ground) wiring. Always disconnect power when installing or troubleshooting. Consult a licensed technician.

FG (Green/Yellow)
AC/L (Brown)
AC/N (Blue)



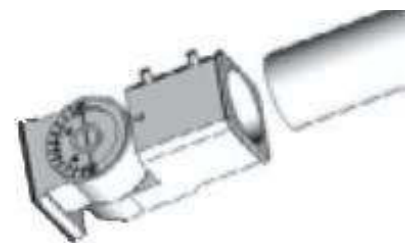
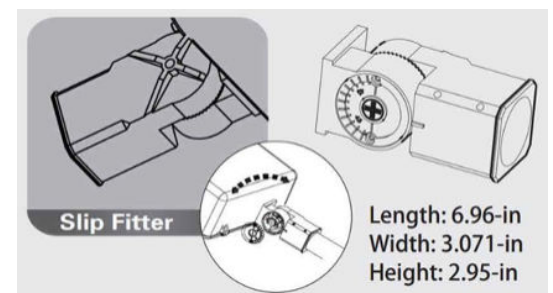
6-Inch Arm Installation

1. Remove the cover of the 6" arm bracket.
2. Be certain the support pole has adequate mounting surface and conforms to code.
3. Determine whether to store the wire connections in the cable access cavity or inside the pole.
4. Open cable-access plate and safely store the tiny screws.
5. With the pole and its mounting holes set at a desired height, bring the lamp and bracket arm up to be mounted.
6. Support the backing plate inside the pole, aligned precisely with the mounting holes.
7. Support the luminaire arm near the mounting holes and thread power cable through the largest hole of the sealing gasket, through the pole's largest drilled hole, and through the backing plate's hole.
8. Feed the three Allen 6mm bolts through the backing plate to set their screws hand tight. Then fully tighten the middle bolt, followed by the upper bolt, then the lower bolt.
9. Connect the input and ground wires of the fixture to the power supply.
10. Re-fasten the cover plate.
11. Enclose the open pole top and seal as necessary.



Slip Fitter Bracket Installation

1. Ensure that the light pole or tenon adaptor diameter is less than the diameter of the connection tube (2.5")
2. Loosen screws on the connection tube.
3. Adjust the lighting angle as needed, utilizing the slip fitter adjustment.
4. Connect the input and ground wires of the fixture to the power supply.
5. Place the slip fitter over tenon & tighten all screws.
6. The angle of the slip fitter mount can be adjusted from +90° through -90°.
7. Restore Power.



Note: Wider array of adaptors are available upon request