

ARI

Area Luminaire

A low-profile LED area light for parking areas, roadways, and site lighting at 26–50' mounting heights. CCT is field-selectable, output is field-adjustable, and Type II–V optics deliver up to 61,000 lm. The one-piece die-cast housing comes in two sizes set by wattage and mounts by arm, slip fitter, wall, yoke, or adjustable arm.

- Two housing sizes, set by wattage: 100–180W and 250–400W
- Field-selectable CCT (3000/4000/5000K) and field-adjustable output (40–100%)
- Up to 61,000 lm — replaces up to 1000W metal halide · 26–50' heights
- Type II–V optics · dark-sky capable · optional backlight shield
- Low-profile, 3G vibration-rated die-cast housing



UL

DLC Premium

LUMEN OUTPUT	Up to 61,000 lm
EFFICACY	134 – 164 lm/W (full output)
COLOR TEMP / CCT	3CCT (3000/4000/5000K) · 2CCT (4000/5000K)
CRI	70 (Ra)
DISTRIBUTION	Type II · Type III · Type IV · Type V
WATTAGE	100 / 140 / 180 / 250 / 300 / 400W · 4-position adjustable — 100/80/60/40%
VOLTAGE	120–277V AC · 347–480V AC
POWER FACTOR	≥0.90
DIMMING	0–10V
SURGE PROTECTION	10kA (120–277V) · 20kA (347–480V)

DRIVER	0–10V dimming driver · PF ≥90% · THD ≤20%
FINISH	Black, Dark Bronze, White, Silver Gray
OPERATING TEMP	–40°F to +113°F (400W: to +104°F)
IP / IMPACT	Wet Location (UL listed)
MATERIAL	One-piece die-cast aluminum · corrosion-resistant coating
MOUNTING	Arm mount (4"–5" square & round poles) · slip fitter (2-3/8" tenon) · wall · yoke · adjustable arm
DIMENSIONS	15.6" × 13.0" × 2.52" housing (100–180W) · 24.9" × 13.0" × 2.52" (250–400W)
WEIGHT	8.6 – 13.0 lb (100–180W) · 13.4 – 19.2 lb (250–400W), by mount
LIFETIME	100,000 hrs (LM-80 / TM-21)
WARRANTY	5-Year Limited

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

● Quick ship — all other configurations built to order.

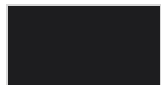
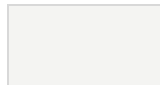
MODEL	WATTAGE	VOLTAGE	CCT	DISTRIBUTION	MOUNTING	CONTROLS	OPTIONS	FINISH
ARI	● 100 100W ● 140 140W ● 180 180W 250 250W ● 300 300W	● U 120– 277V ● H 347– 480V	● 3CCT (3000/ 4000/ 5000K)	● T2 Type II ● T3 Type III ● T4 Type IV T5 Type V	AM Arm ● 4–5" sq/ rd pole SF2 Slip fitter 2-3/8" WL Wall YK Yoke AAM Adjustable arm	DV 0-10V ● dimming (standard) P0 ● Photocell 120-277V P3 Photocell 347V P4 ● Photocell 480V PIR PIR sensor MW Microwave sensor	● N None AGS Anti- glare shield FV Full visor ● glare visor HS House- side shield	BK Black ● DBZ Dark Bronze WH White GY Silver Gray*
	● 400 400W	● U 120– 277V ● H 347– 480V	● 2CCT (4000/ 5000K)					

* GY Silver Gray: consult factory.

Build Your Order Code — example values shown in grey

MODEL	WATTAGE	VOLTAGE	CCT	DISTRIBUTION	MOUNTING	CONTROLS	OPTIONS	FINISH
ARI	140	U	3CCT	T3	AM	DV	N	BK

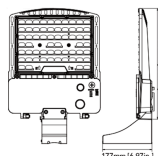
STANDARD FINISHES

BK
Black
RAL 9011DBZ
Dark Bronze
RAL 8019WH
White
RAL 9016GY
Silver Gray
Contact factory

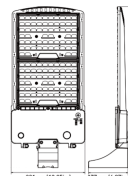
DIMENSIONS & WEIGHT

MODEL	HOUSING LENGTH	WIDTH	HOUSING DEPTH	WEIGHT (NET)
ARI (100–180W)	15.6" (396 mm)	13.0" (330 mm)	2.52" (64 mm)	8.6 – 13.0 lb
ARI (250–400W)	24.9" (632 mm)	13.0" (331 mm)	2.52" (64 mm)	13.4 – 19.2 lb

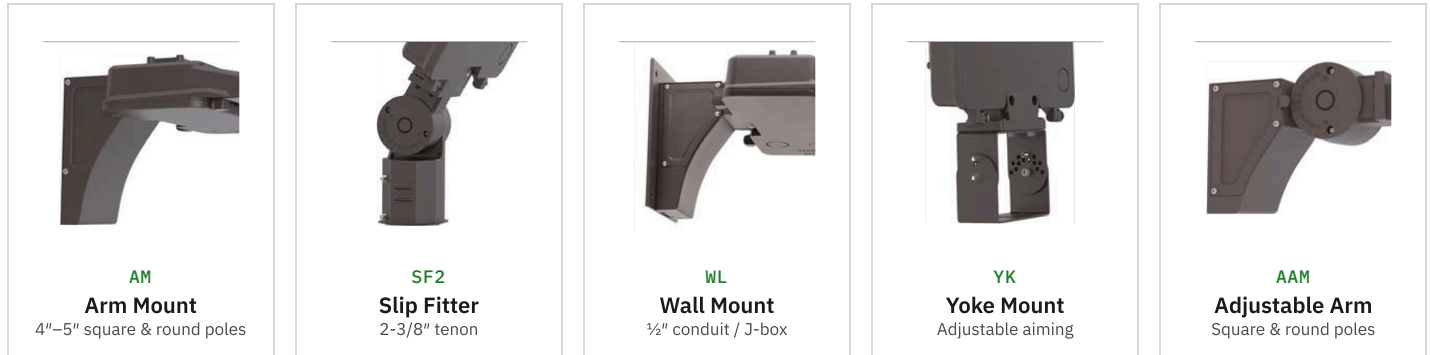
100 / 140 / 180 W



250 / 300 / 400 W



MOUNTING



Slip fitter fits a 2-3/8" O.D. horizontal tenon. Multi-fixture tenon adaptors and 4" / 5" square & round-pole and wall tenon brackets are available separately.

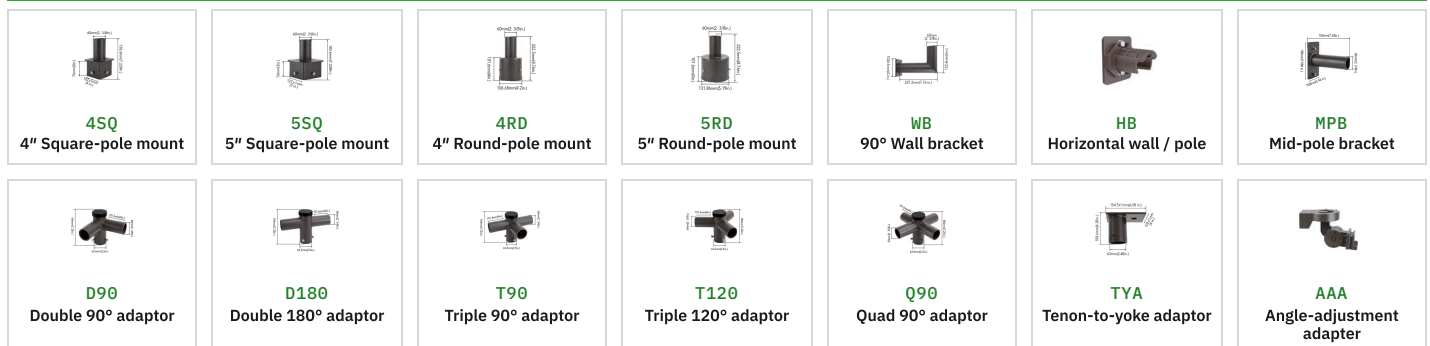
SHIELDS & VISORS



SENSORS & PHOTOCELLS



POLE & TENON BRACKETS – SOLD SEPARATELY



All fit a 2-3/8" O.D. tenon · ordered separately (not part of the fixture order code).

PHOTOMETRY

DELIVERED LUMENS & BUG RATINGS – 100% OUTPUT

Optic	CCT	100W	140W	180W	250W	300W	400W
Type II	5000K	15,000 lm	21,000 lm	25,200 lm	34,500 lm	42,000 lm	60,000 lm
	BUG	B3 U0 G3	B3 U0 G3	B4 U0 G3	B4 U0 G4	B5 U0 G4	B5 U0 G4
Type III	5000K	15,000 lm	21,000 lm	25,200 lm	34,500 lm	42,000 lm	60,000 lm
	BUG	B3 U0 G3	B3 U0 G3	B3 U0 G3	B4 U0 G4	B4 U0 G4	B5 U0 G5
Type IV	5000K	15,000 lm	21,000 lm	25,200 lm	34,500 lm	42,000 lm	60,000 lm
	BUG	B3 U0 G2	B3 U0 G3	B3 U0 G3	B4 U0 G3	B4 U0 G4	B5 U0 G5
Type V	5000K	15,600 lm	21,500 lm	26,000 lm	35,500 lm	43,500 lm	60,800 lm
	BUG	B4 U0 G2	B4 U0 G2	B4 U0 G2	B5 U0 G3	B5 U0 G4	B5 U0 G4

OEM-published delivered lumens & BUG ratings at 5000K, CRI 70, full output. Field-selectable CCT: 4000K delivers ~3–9% more, 3000K slightly less; 400W offered in 4000K / 5000K only. IES files on request.

FIELD-ADJUSTABLE OUTPUT – DELIVERED LUMENS AT 5000K

Setting	Optic	100W	140W	180W	250W	300W	400W
100% (standard)	Type II, III, IV	15,000 lm	21,000 lm	25,200 lm	34,500 lm	42,000 lm	60,000 lm
	Type V	15,600 lm	21,500 lm	26,000 lm	35,500 lm	43,500 lm	60,800 lm
80%	Type II, III, IV	12,500 lm	18,500 lm	20,600 lm	28,400 lm	34,500 lm	55,000 lm
	Type V	12,800 lm	19,000 lm	21,000 lm	28,800 lm	35,500 lm	55,500 lm
60%	Type II, III, IV	9,600 lm	14,200 lm	15,700 lm	21,800 lm	26,600 lm	50,000 lm
	Type V	9,850 lm	14,500 lm	16,200 lm	22,500 lm	27,500 lm	50,500 lm
40%	Type II, III, IV	6,560 lm	9,700 lm	10,800 lm	14,800 lm	18,500 lm	46,000 lm
	Type V	6,700 lm	10,000 lm	11,000 lm	15,500 lm	19,000 lm	46,500 lm

System watts drop with the setting — e.g. 250W → 200 / 150 / 100W · 140W → 120 / 90 / 60W. The 400W model steps LV1–LV4 (400 / 360 / 320 / 300W system watts), shown row-for-row. Efficacy rises at lower settings (134–175 lm/W).

Distribution Type II · Type III · Type IV · Type V **Efficacy** 134 – 164 lm/W (full output) **CRI** 70 (Ra)

IES File On request

