

ARI

LED Area Luminaire

A low-profile LED area light for parking areas, roadways, and site lighting at 26–50' mounting heights. CCT and output level are field-selectable, 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 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 Wet Location · DLC Premium · 10/20kA surge · –40°F rated



UL

DLC Premium

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

DRIVER	0–10V dimming driver · PF ≥90% · THD ≤20%
FINISH	Black, Dark Bronze, Silver Gray, White
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 & Dimensions

ARI

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

In stock — all other configurations built to order.

MODEL	WATTAGE	CCT	VOLTAGE	DISTRIBUTION	MOUNTING	CONTROLS	OPTIONS	FINISH
ARI	100 100W 140 140W 180 180W 250 250W 300 300W 400 400W	3CCT (3000/4000/5000K) * 2CCT (4000/5000K) **	- U 120-277V - H 347-480V	- 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 glare visor - HS House-side shield	BK Black DBZ Dark Bronze GY Silver Gray WH White

* 3CCT (3000/4000/5000K): 100-300W. ** 2CCT (4000/5000K): 400W only.

Build Your Order Code — example values shown in grey

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

STANDARD FINISHES



BK
Black

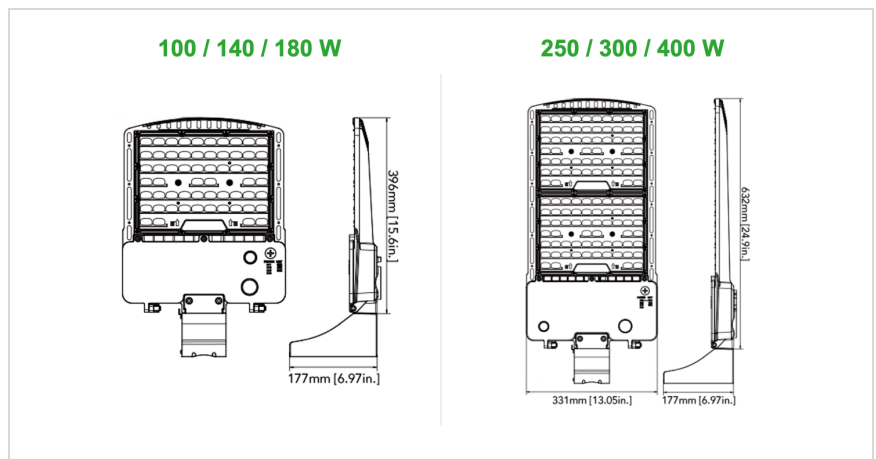
DBZ
Dark Bronze

GY
Silver Gray

WH
White

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



Mounting

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AM Arm Mount 4"-5" square & round poles	SF2 Slip Fitter 2-3/8" tenon	WL Wall Mount 1/2" conduit / J-box	YK Yoke Mount Adjustable aiming	AAM Adjustable Arm Square & round poles
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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.

Options

SHIELDS & VISORS

AGS Anti-Glare Shield	FV Full Glare Visor	HS House-Side Shield backlight control
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SENSORS & PHOTOCELLS

PIR PIR Sensor ANT-6-4T (-BLE)	MW Microwave Sensor ANT-5-4T (-BLE)	P0 · P3 · P4 NEMA Photocell 3-pin / 7-pin
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POLE & TENON BRACKETS – SOLD SEPARATELY

4SQ 4" Square-pole mount	5SQ 5" Square-pole mount	4RD 4" Round-pole mount	5RD 5" Round-pole mount	WB 90° Wall bracket	HB Horizontal wall / pole	MPB Mid-pole bracket
D90 Double 90° adaptor	D180 Double 180° adaptor	T90 Triple 90° adaptor	T120 Triple 120° adaptor	Q90 Quad 90° adaptor	TYA Tenon-to-yoke adaptor	AAA Angle-adjustment adaptor

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

Photometry

ARI

DELIVERED LUMENS & BUG RATINGS – 100% OUTPUT

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

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

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

