

ACORN SERIES

DECORATIVE LIGHTING

Cat.#

Job

Type



Approvals

SPECIFICATIONS

Intended Use:

The Beacon Acorn luminaire is available with a choice of different LED Wattage configurations and optical distributions designed to replace HID lighting up to 400W MH or HPS.

Construction:

- The decorative fitter shall be cast aluminum and accommodate the driver assembly in its entirety. Fitters shall slip over a 3" OD x 3" H tenon. All fitters shall be secured by three or more stainless steel set screws.

Electrical:

- 100V through 277V, 50 Hz to 60 Hz (UNV)
- Power factor is ≥ 0.90 at full load
- One piece optical cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.
- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.
- Silicone gasket ensures a weather-proof seal around each individual LED.
- Fixture electrical compartment shall contain all LED driver components.
- A Button Photocell is available for this fixture.
- Rated ambient operating temperature -40°C to 40°C.
- Surge protection - 20KA
- Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Controls/Options:

- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night (see www.beaconproducts.com/products/energeni).
- Also available with **Beaconconnect** Wireless Control System (see **Beaconconnect** product page for more details www.beaconproducts.com/products/beaconconnect).

Finish:

- IFS polyester powder-coat electrostatically applied and thermocured.
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish.
- The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

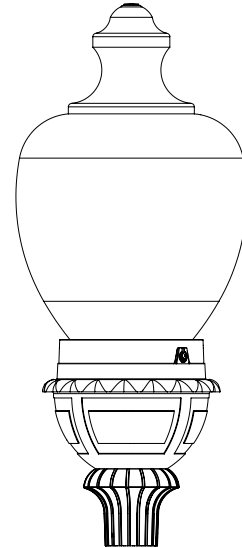
Listings:

- Listed to UL8750 , UL1598 and CSA22.2#250.13-14 for wet locations

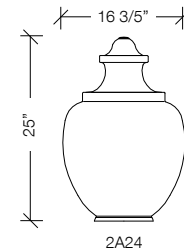
Warranty:

Five year limited warranty (for more information visit: www.hubbellighting.com/resources/warranty).

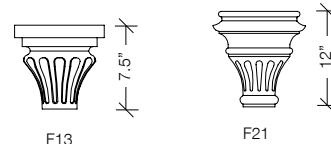
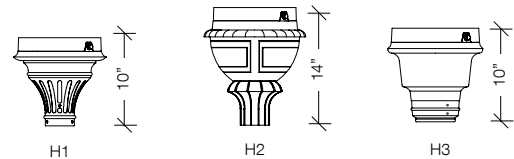
PRODUCT IMAGE(S)



DIMENSIONS



FITTERS



CERTIFICATIONS/LISTINGS



ORDERING INFORMATION ORDERING EXAMPLE: 2A24 - ACT - H3 - 24L-55 - 4K7 - UNV - 4 - FIN - PEC - PT - BBT

2A24												
SERIES 2A24 Acorn	FITTER H1 Mediterranean H2 London H3 Monaco F13 F13 F21 F21	SOURCE 24L-27 ¹ 27 Watts - LED array 28L-32 ² 32 Watts - LED array 24L-55 ¹ 55 Watts - LED array 28L-65 ² 65 Watts - LED array	LED COLOR 3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI	STYLE OPTIONS FIN finial BB brass band ⁵ PBB painted brass band ⁵ BB/FIN finial and brass band ⁵ PBB/FIN finial and painted brass band ⁵	MOUNTING PT post top	ELECTRICAL OPTIONS PEC-120 button, 120V PEC-208 button, 208V PEC-240 button, 240V PEC-277 button, 277V	LENS OPTIONS A acrylic P polycarbonate	LENS FINISH CT Clear Textured R3 Refractive Type III R5 Refractive Type V	CAGE⁶ C1 Mediterranean	VOLTAGE UNV 120-277V 347 347V 480 480V	CONTROL OPTIONS GENI-XX ³ energeni	FINISH BBT basic black textured BMT black matte textured WHT white textured MBT metallic bronze textured BZT bronze textured DBT dark bronze textured GYS gray smooth DPS dark platinum smooth GNT green textured MST metallic silver textured MTT metallic titanium textured OWI old world iron RAL _____
				OPTICS¹ 2 type 2 3 type 3 4 type 4 5 type 5								

¹ for ACT and PCT only
² AR3 and AR5 globes only
³ When ordering Energeni, specify the routine setting code (example GENI-04). See Energeni brochure and instructions for setting table and options. Not available with sensor option.
⁴ H2 base only
⁵ for ACT only
⁶ Not available with "F" Series Fitters

STYLES



2A24-ACT-H1-C1-FIN



2A24-ACT-F13-BB/FIN



2A24-AR3-H2-C1-FIN