

ACORN SERIES

DECORATIVE LIGHTING

FEATURES

- Available with a choice of different LED Wattage configurations and optical distributions designed to replace HID lighting up to 400W MH or HPS
- Lifeshield thermal circuit protection insures optimum LED performance
- Contributes to a "Green" environment and provides substantial power savings
- High Performance LED Decorative Fixture



SPECIFICATIONS

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
- 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

CONTROLS

- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night
- Available with SiteSync™ wireless control system for reduction in energy and maintenance costs while optimizing light quality 24/7

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, 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 activates at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range

ELECTRICAL (CONTINUED)

- 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.)

CERTIFICATIONS

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

WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information

ORDERING GUIDE

Example: 2A24-**ACT**-H3-24L-27-4K7-UNV-4-FIN-PEC-PT-BBT

CATALOG # _____

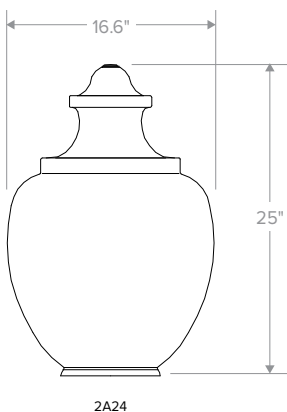
Series	Lens Options	Lens Finish	Fitter	Cage	Source	LED Color	Voltage
2A24 Acorn	A Acrylic P Polycarbonate	CT Clear Textured R3 Refractive Type III R5 Refractive Type V	H1 Mediterranean H2 London H3 Monaco F13 F13 F21 F21	C1 Mediterranean	24L-27 27 Watts - LED array ¹ 28L-32 32 Watts - LED array ² 24L-55 55 Watts - LED array ¹ 28L-65 65 Watts - LED array ²	3K7 3000K, 70CRI 4K7 4000K, 70CRI 5K7 5000K, 70CRI	UNV 120-277V 347 347V 480 480V

Optics	Style Options	Control Options	Electrical Options	Mounting	Finish
2 Type 2 3 Type 3 4 Type 4 5 Type 5	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	GE-NI-XX Energeni ³	PEC-120 Button, 120V PEC-208 Button, 208V PEC-240 Button, 240V PEC-277 Button, 277V	PT Post Top	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VG Verde Green Textured Color Option CC Custom Color

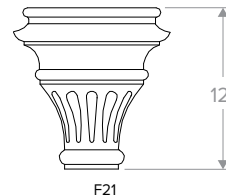
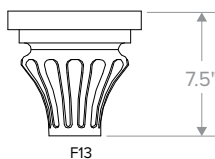
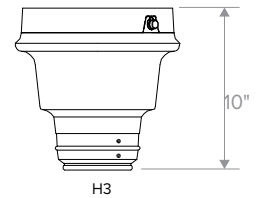
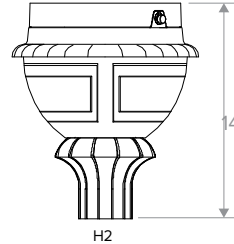
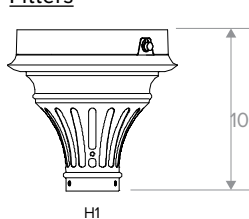
Notes:

- For ACT and PCT only
- AR3 and AR5 globes only
- 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
- H2 base only
- For ACT only
- Not available with "F" Series Fitters

DIMENSIONS



Fitters



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