

Streetworks Decorative Post Tops

Technical Bulletin

CONSTRUCTION

- Die-cast aluminum housing with spun and stamped aluminum top
- Stainless steel tool-less entry latch for ease of maintenance
- IP65 and 3G vibration rated housing
- UL/cUL wet location rated housing

OPTICAL

- Asymmetric and Symmetric distributions
- Seven lumen packages ranging from 1,700 to 6,200 nominal lumens
- Greater than 73% percent lumen maintenance at 60,000 hours

ELECTRICAL

- 0-10V dimming driver (standard)
- 120-277V 50/60Hz, 347V 60Hz and 480V 60Hz operation
- -40°C to 40°C ambient operating temperature range, 50°C high ambient optional
- 10kV/10kA, UL 1449 surge protection available, 20kV optional

CONTROLS

- 7-PIN and 3-PIN twistlock photocontrol receptacle available
- Optional After Hours Dim available

MOUNTING AND RETROFIT

- Mount fits 3" O.D. tenon. Secured by square head 3/8" stainless steel mounting bolts

WARRANTY

- Five-year warranty

-Continued



QUICK FACTS

- Replaces up to 250W equivalent HID
- Asymmetric & Symmetric distributions
- 0-10V dimming driver standard
- UL 1449/MOV surge protection available
- 3G vibration rated
- Operates at -40°C to 40°C (-40°F to 104°F), 50°C high ambient option available
- Five-year warranty

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AFTER HOURS DIMMING

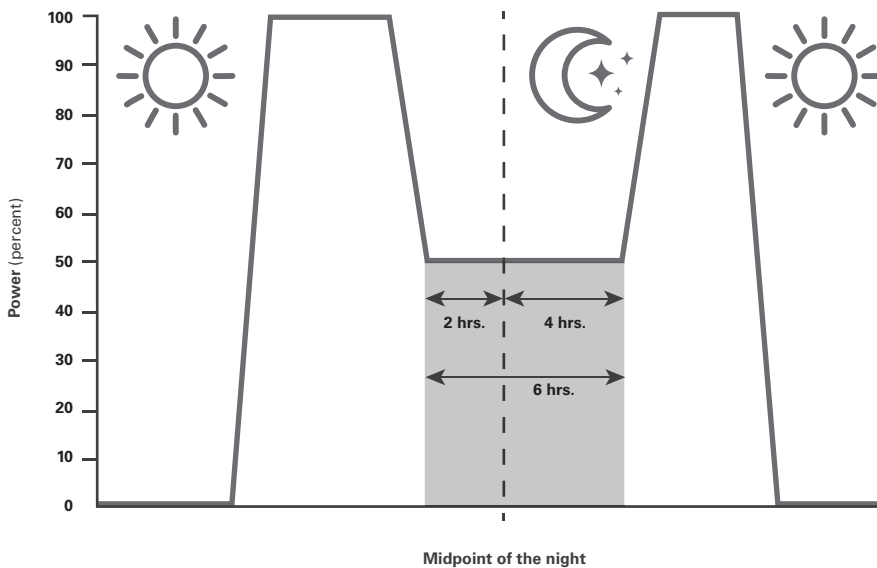
After Hours Dim utilizes the latest technology to bring you a low-cost, simplified solution for additional energy savings beyond “dusk to dawn” on/off operation. Specify an After Hours Dim profile for a factory-shipped solution requiring no external control wiring and no on-site configuration. With a high output luminaire and average energy costs (\$0.105/kWh), savings can exceed \$110 per year for each and every fixture on your site. Reference Cooper Lighting Solution’s energy calculators to see how much you can save! In conjunction with a dusk-to-dawn photocontroller, the After Hours Dim feature utilizes a proprietary algorithm to calculate the mid-point of the night. With few things more reliable than the sun coming up, the cost and risk of failure or time drift associated with a clock is eliminated. With the natural changes throughout the year in the night-time period, your luminaires with After Hours Dim technology will automatically and gradually adjust the dimming period. The image below illustrates an After Hours Dim profile in effect. The first digit in the After Hours Dim profile represents the number of hours before the mid-point of the night to begin dimming. The second digit represents the number of hours after the midpoint to maintain the dim level and the third digit represents the percentage of the dim level. For a custom After Hours Dim profile, contact your Cooper Lighting Solutions representative. Reference the tables on the Outdoor After Hours Dim supplemental guide to find the approximate dimming times in your location for each of the After Hours Dim profiles. The earliest dimming period will typically be associated with the day after daylight savings begins in the spring and the latest dimming period will typically be associated with the day after daylight savings ends in the fall.

Dimming Profile	Time Dimmed to 50%	Estimated Annualized Energy Savings
AHD145	5 hours	22%
AHD245	6 hours	26%
AHD255	7 hours	30%
AHD355	8 hours	35%

Example After Hours Dim Profile

AHD245

- 5=50% light level
- 4=Dim until 4 hours after midpoint
- 2=Begin dimming 2 hours before midpoint



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Specifications and dimensions subject to change without notice.