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 Eaton’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 Eaton representative.

Reference the tables on the following pages 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.

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Example After Hours Dim Profile
AHD245

Graphical representation showing the dimming profile with the mid-point of the night marked.
## Approximate Dimming Time Frame

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## After Hours Dim

### Supplemental guide

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## After Hours Dim Supplemental guide

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