

support documentation:

SmartHID™ Electronic Ballast with SmartDIM™ Automatic Dimming

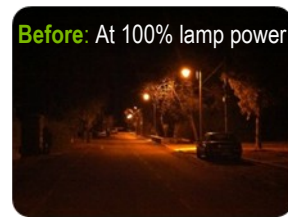


Built-in Dimming without Controls

Ideal for parking lots & walkway applications which do not require full light levels during off hours, Metrolight introduces SmartDim™, the automatic dimming capability of the SmartHID™ electronic ballasts that eliminates the need for any type of costly communication system or additional devices to control the dimming process.

Features & Benefits

- Automatically dims without communication systems or dimming devices at no additional cost
- Automatically adjusts to changing daylight hours
- Qualifies for energy codes and requirements
- Increases energy and cost savings
- Reduces carbon footprint
- Additionally controllable via 0-10V analog or advanced digital systems

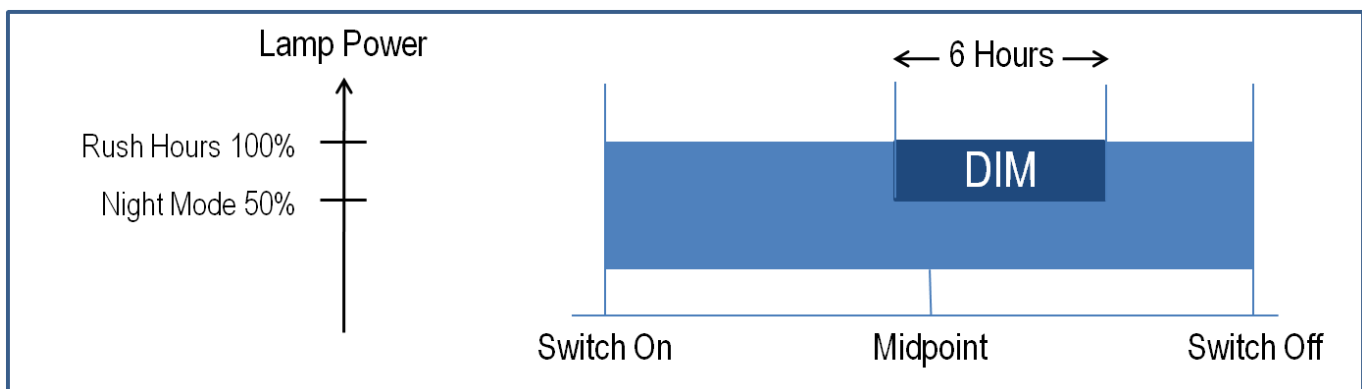


Operational Mode

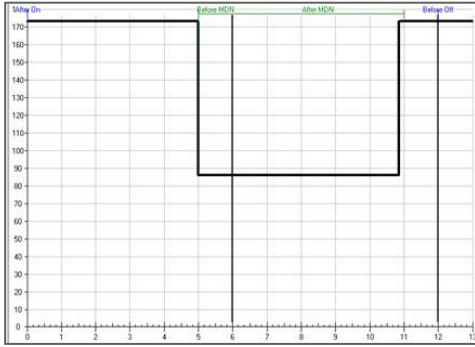
Metrolight SmartHID Electronic ballast SmartDIM™ function calculates the midpoint* of the evening and dims the lamp to 50% one hour before midnight/midpoint or from about 11am to 5am. This capability is included with the SmartHID 100W to 400W HPS and 175W to 450W MH products at no additional cost.

*Midpoint: The center time point between the time the lamp is turned on and the time the lamp is turned off

Auto Dimming Profile

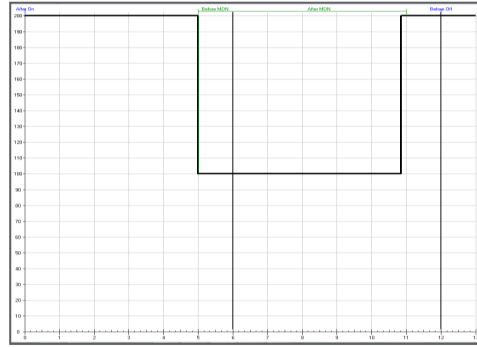


Standard Auto Dimming Profile Options



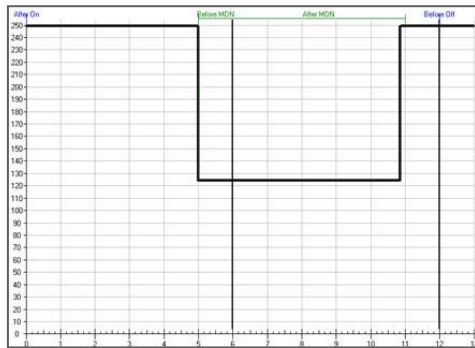
PROFILE 1

175W (#8890071)
Actual wattage usage 141W



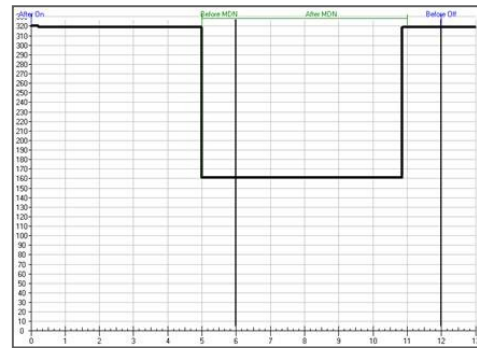
PROFILE 2

200W (#8890077)
Actual wattage usage 162W



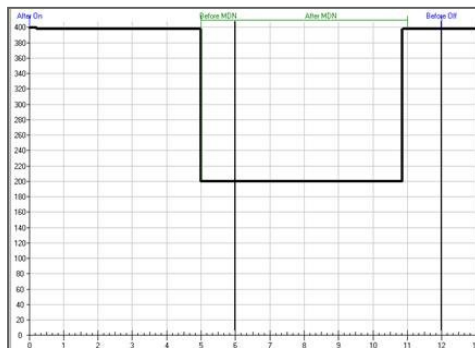
PROFILE 3

250W (#8890070)
Actual wattage usage 202W



PROFILE 4

320W (#8890072)
Actual wattage usage 258W



PROFILE 5

400W (#8890073)
Actual wattage usage 323W



PROFILE 6

450W (#8890078)
Actual wattage usage 363W

- Dimming profiles are calculated for 12 hours of operation
- Custom profiles are possible but require a minimum order of 100 units and four week's lead time. Contact Metrolight or your local Metrolight Distributor for details