

SmartHID™ Electronic Ballast with Automatic SmartDIM



Built-in Controlled Dimming

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

Features & Benefits

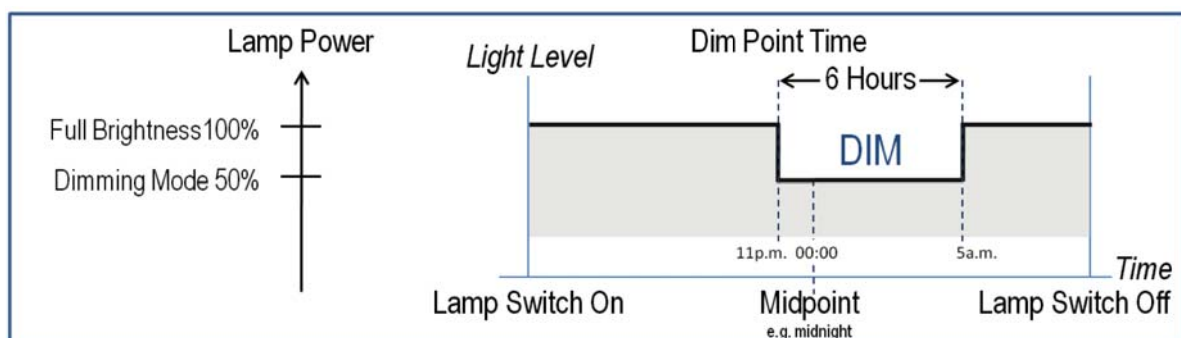
- ▶ Enhances energy & cost savings
- ▶ Automatic on-board controlled dimming without communication systems or dimming devices
- ▶ Additionally controllable via 0-10V analog or advanced digital control systems
- ▶ Automatically adjusts to changing daylight hours
- ▶ Qualifies for energy codes and requirements
- ▶ Reduces carbon footprint



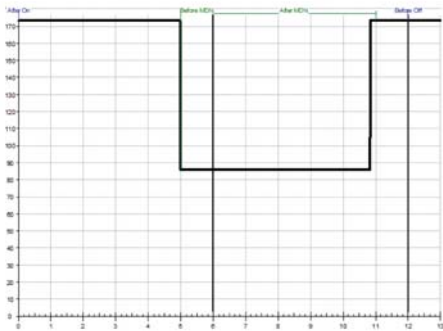
Operational Mode

SmartDIM calculates the midpoint (the center time point between the time the lamp is turned on and the time the lamp is turned off) and dims the lamp to 50% (or as requested) one hour prior to the midpoint. For example, if the midpoint is calculated to midnight, the dimming will commence at 11PM and will end at 5AM. This capability is included with the SmartHID 100W to 400W HPS and 175W to 450W MH products. The dimming profile can be modified upon special request.

Auto Dimming Profile

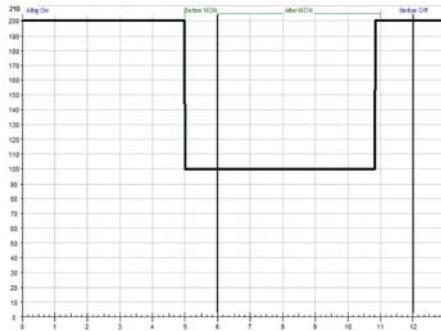


Standard Auto Dimming Profile Options



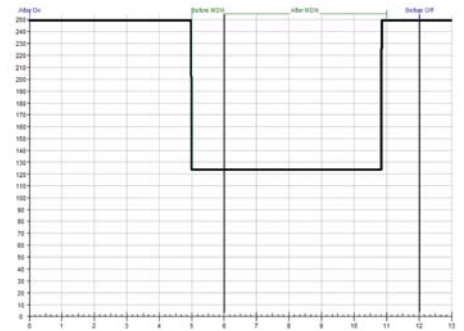
PROFILE 1

175W (#8890071)
Actual wattage usage 141W



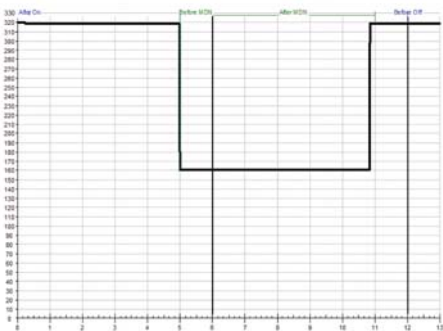
PROFILE 2

200W (#8890077)
Actual wattage usage 162W



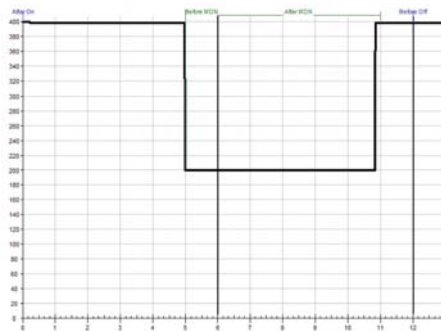
PROFILE 3

250W (#8890070)
Actual wattage usage 202W



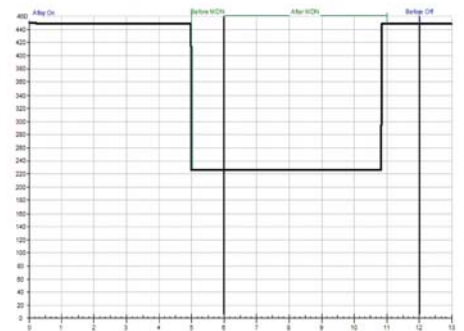
PROFILE 4

320W (#8890072)
Actual wattage usage 258W



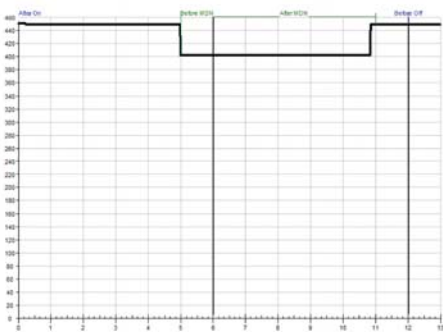
PROFILE 5

400W (#8890073)
Actual wattage usage 323W



PROFILE 6

450W (#8890078)
Actual wattage usage 363W



PROFILE 7

450W* (#8890074)
[*using 575W lamp]
Actual wattage usage 425W

Please note:

- Dimming profiles are calculated for 12 hours of operation
- Custom profiles are possible but require a minimum order of 100 units and four weeks lead time