



- » 347 and 480 volt operation
- » Integral dimming
- » Reduces energy use up to 60%
- » No step-down transformer required
- » 150 - 1000 watt HID lamps supported
- » Extends lamp life up to 50%

Now, even if you're running your High Intensity Discharge (HID) lighting at 347 or 480 volts, you can replace your magnetic ballasts with energy-saving electronic ballasts from Empower Electronics – without the need for costly and cumbersome step-down transformers!

WHO CAN BENEFIT FROM EMPOWER?

- » *Streets, highways and roadways*
- » *Auto dealerships*
- » *Manufacturing & warehousing*
- » *Garage & parking*
- » *High-bay retail*
- » *Agriculture*
- » *Construction*
- » *Parks & recreation*

Save up to 60% on your high voltage lighting operating costs by using our ballasts to retrofit your existing HID fixtures, "lamp down" in wattage and implement energy-saving dimming schedules.

SPECIFICATIONS

	hHID400	hHID750
Lamp Types	Metal Halide and High Pressure Sodium	
Input Voltage	347 or 480 volts +/- 10%	
Lamp Wattage	HPS: 150 - 1000 W; MH: 200 - 1000 W	
Power Factor	>0.95	
Harmonic Distortion	<10%, <15% for 150W	
Dimming Input Voltage	Standard in each ballast. Integral and programmable in up to four steps. 0 - 50% in 1% increments. Also, a 0 - 10V analog interface for external dimming control, if desired	
Lamp Current Crest Factor	1.4V	
Ignition Voltage	3-4 kV Peak	
Ignition Re-strike Time	At 10 second intervals up to 10 times per set. Up to 8 sets of restrikes at 5 minute intervals, if required.	
EMI/RFI	Complies with FCC Title 47, Part 18 C	
Safety	UL Certified, Outdoor Type I, Suitable for Recessed Use	
Surge Protection	Up to 10 kV	
Min. Lamp Starting Temp.	-30 °C	
Max. Case Temperature	90 °C	
Operating Temp. Range	-35 °C to +55 °C	
Housing Dimensions (HxLxW)	76.2 X 252.3 X 136.4 mm 3.0 X 9.9 X 5.4 in	88.3 X 381 X 136.4 mm 3.5 X 15 X 5.4 in
Weight	2.1 kg / 4.65 lbs	3.75 kg / 8.5 lbs

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