

Inventions & Innovation Emerging Technology

Electronic High-Pressure Sodium Ballast

Two different electronic ballast technologies have been developed for high intensity discharge (HID) lamps. One ballast is for high pressure sodium lamps in the 70- to 250-watt range and will be used where energy savings are important. The second HID ballast is for 400-watt metal halide lamps where extremely high reliability and flickering/acoustic resonance free operation are critical. Both electronic ballast designs have high efficiency (95%), wide operational temperature ranges, and dimming capability.



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