eHID

Less energy. Enhanced performance.

Experience significant energy savings and increased lumen output vs. halogen lamps with Electronic High Intensity Discharge (HID) ballasts from Universal Lighting Technologies. Vossloh-Schwabe (VS), also a Panasonic Lighting Company, recently merged its US operation into Universal. This merger combines Vossloh's market leading high quality electronic HID product line with Universal's extensive offering.

There are numerous advantages of using VS electronic HID ballasts. Operating HID lamps used in HID lighting systems with electronic ballasts greatly increases system efficiency in comparison with magnetic ballasts. These ballasts are designed to provide optimal lamp performance and maximum energy savings. With enhanced capabilities to downsize the form factor of luminaire housings and reduce wiring costs, VS electronic HID ballasts lead the way to electronic solutions for HID lighting. Microprocessor controlled intelligence offers superior lamp performance and the flexibility for proprietary value-added functions. VS electronic HID ballasts cover your HID needs with products for Metal Halide Lamps ranging from 20 Watts to 210 Watts.

VS electronic HID ballasts continuously monitors lamp characteristics during operation and adjusts the lamp current to optimize performance. This guarantees controlled operation in all modes of operation. The lamp color temperature is also stabilized by using VS electronic HID ballasts due to its relatively constant output power characteristics in addition to producing flicker free lighting that usually occurs at the end of the discharge lamp's service life. The technology enhancements of VS electronic HID ballasts, allowing very small form factors and light weight designs, has enabled new, innovative luminaire designs.

VS electronic HID ballasts are ideal for a broad range of applications from lighting warehouses, retail stores, factories or manufacturing facilities to schools and parking lots.

Features and Benefits:

- Optimum lamp performance
- Rugged, compact and lightweight design
- High power factor
- Enhanced color and CRI uniformity
- Shut-down protection
- Reduced wiring costs
- Eliminates nuisance lamp cycling at end-of-lamp life (intelligent lamp sensing capabilities)
- Constant lamp power
- Reduced lamp dropouts due to improved line voltage dip withstand
- Quiet operation
- Durable performance for various applications
- Fewer SKUs required in inventory
- Broadens design flexibility for new applications and luminaries

VS electronic HID ballasts bring improvements in cost, efficiency and wattage savings over conventional magnetic ballasts. These units provide 7% - 17% wattage savings for 39W – 150W.

Micro Series: The introduction of the smallest eHID ballasts in the market was coordinated with the launch of the new miniaturized capsule MH lamps enabling the ultimate luminaire design flexibility. Extremely compact and aesthetically pleasing, luminaire designs are approaching the form factor and size of low voltage halogen systems.

Mini Ballast Series: Two ideal form factors that are used in millions of HID track light luminaires characterize the mini series of eHID ballasts. The mini-slim and mini-square units revolutionized track lighting by allowing significantly smaller and greater variety of luminaire designs while providing energy savings of 60-70% versus halogen systems.

Standard Case "Valued-added Series": Millions of recessed, track-head and specialty luminaires have used the de facto industry standard enclosure since introduction. The significant energy savings and enhanced reliability of our ballasts promoted the rapid escalation of electronically ballasted MH luminaires for almost 15 years. Technological advancements have now allowed the integration of multiple, value-added functions such as: a powersource for the self-heating thermal protectors, an electronic 277V step-down transformer, and an intelligent auxiliary lighting control for back-up lighting during lamp hot restrike modes. Ideal for new, retrofit and replacement applications in recessed luminaires.

Features and Benefits:

- Wide range of product offering for every application
- Enhanced lamp performance with constant lamp power
- Microprocessor technology for the ultimate in control
- Very high power factors (>0.95)
- THD typically < 10%
- Superior End-of-lamp-life sensing and shutdown circuitry

IT'S EASY TO REACH US...

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