

The Z Series from CEW, A SIMKAR Company

A STORM OF E-HID LIGHTING SOLUTIONS

CEW storms into the marketplace with the Z Series, a revolutionary new electronic HID lighting system. With a volt of genius, CEW developed a reliable and proven electronic HID pod compatible with twelve optical configurations for high and low bay lighting.

Z Series lighting systems are available in 320, 350 and 400 watt with pulse start metal halide lamps for extraordinary lumen maintenance, increased energy efficiency and continuous dimming capability.



Feature	Benefit & Advantages	Why Z?
Microprocessor Ballast Operation	<ul style="list-style-type: none"> • Detects thermal and voltage variations • Automatically dims then extinguishes system preserving lamp and ballast integrity during voltage variations 	<ul style="list-style-type: none"> • Preprogrammed microprocessor controlled electronic ballast for optimal performance
Electronic HID	<ul style="list-style-type: none"> • Sound rated A • Less than 15% harmonic distortion • EMI/RFI compliance as per IEC CISPR15/FCC 	<ul style="list-style-type: none"> • Quiet operation applicable for more applications than conventional HID • Low harmonic distortion
Start Up	<ul style="list-style-type: none"> • Controlled start up • Less than one minute for cold lamps to reach full light output 	<ul style="list-style-type: none"> • 75% faster than conventional magnetic HID
Restrike Time	<ul style="list-style-type: none"> • Approximately four minutes 	<ul style="list-style-type: none"> • 60% faster than conventional magnetic HID
Pulse Start Lamp Technology	<ul style="list-style-type: none"> • Maintains color uniformity over lamp life and dimming range • Experiences less arc tube blackening • 56% increase in mean lumens versus conventional magnetic 	<ul style="list-style-type: none"> • More time between relamping • Less operational costs • Quality illumination
Dimming Capability	<ul style="list-style-type: none"> • Virtually unlimited continuous dimming capabilities to 50% of the nominal lamp wattage • Uses industry standard 0-10VDC controls 	<ul style="list-style-type: none"> • Potential to provide up to 50% energy savings, more when used with occupancy, motion sensor, or daylighting controls • Achieves ASHRAE 90.1 and IECC 2003 code compliance
Improved lumen maintenance	<ul style="list-style-type: none"> • 50% improvement in lumen maintenance over the life of the lamp in comparison to conventional metal halide 	<ul style="list-style-type: none"> • Less lamp maintenance • More maintained lumens • Increased energy efficiency

OPTICAL Configurations!



For more information on the Z Series from CEW, A SIMKAR Company please visit www.cewlighting.com • www.simkar.com.

