

Frequently Asked Questions

What is the sound rating for the electronic ballast?

The electronic ballast has a sound rating of A. This rating is based on operation of the product in environments where the ambient noise level is between 20 and 24 decibels.

How far can you remote the ballast / housing from the reflector?

The ballast must be within 15 feet of the lamp source so the ballast can provide the necessary voltage and current to start the lamp. Special consideration for wiring may be needed for remote mounting.

What kinds of lamps will run on the electronic ballast?

The ballast is designed to operate 320-, 350- and 400-watt pulse-start lamps. The following table shows all the lamps currently approved to operate on the ballast:

RECOMMENDED LAMPS

	RATING	PHILIPS	GE	OSRAM
320W M132/M154	Enclosed Enclosed Open (Protected) Open (Protected)	MS320/U/PS MS320/C/U/PS MP320/BU/PS MP320/C/BU/PS	MVR320/VBU/HO/PA MVR320/C/VBU/HO/PA	
320/350W M132/M154/M131	Open (Protected) Open (Protected)			
350W M131	Enclosed Enclosed Open (Protected) Open (Protected)	MS350/BU/PS MS350/C/BU/PS MP350/BU/PS MP350/C/BU/PS		
350/400W M131/M135/M155	Open (Protected) Open (Protected)			
400W M135/M155	Enclosed Enclosed Open (Protected) Open (Protected)	MS400/BU/PS MS400/C/BU/PS MP400/BU/PS MP400/C/BU/PS	MVR400/VBU/HO/PA MVR400C/VBU/HO/PA	

Will the electronic ballast operate a ceramic metal halide (CMH) lamp?

The lamp manufacturers are working on either certifying or producing a certifiable CMH lamp for use with the electronic ballast. Contact the lamp manufacturers for their current status. Please reference the color rendering information in the *HID vs. Fluorescent* document.

Can I run a probe-start metal halide lamp on the electronic ballast?

No, the electronic ballast system is designed to operate only pulse-start lamps. Probe-start lamps run on the electronic ballast will not likely produce an arc and will lead to premature end of life of the lamp.

What input voltages will properly operate the lamp?

The ballast is IntelliVolt and is capable of running on any voltage from 200 to 277 volts (+/- 10%). Once the fixture is wired, the ballast automatically converts the power into the optimal operating current and voltage for the lamp.

What do I need to do to change the wattage of the lamp?

The wattage of the ballast is set during the manufacturing process. To change the wattage of the ballast, a set of dip switches on the ballast must be set. For instructions, refer to the installation instruction sheets.

Is there an RFI option to prevent radio frequency interference?

There is no RFI option required for this product because it is designed for use in nonresidential applications. It does meet the requirements of the Federal Communications Commission rules and regulations, Title 47 CFR part 18, for non-consumer equipment.

Is the electronic ballast available in any of the die-cast housings?

The electronic ballast is available only in the steel ballast housing. The ventilated steel housing allows the electronic ballast to operate in ambient conditions up to 40°C in the normal housing and 55°C with the high ambient option.

Frequently Asked Questions

Is the steel housing wet or damp location listed?

The steel housing is damp location listed. Wet location is **not** available.

What reflectors can be used with the steel housing?

The majority of the reflectors or refractors that are available with the TH, TX or TPG housings can be used. Exceptions include our A22, E17, E22, PA22E, PG16AGLE, PG16GLE, PG21, PG21AGLE and PG21GLE.

In what environments can the steel housing be used?

The steel housing can be used in a damp location application. The housing's ventilated design allows the fixture to run optimally in environments that contain minimal airborne contaminants (like retail, warehousing and some light manufacturing). Steel mills and lumber mills are examples of applications that have a high concentration of airborne contaminants and would not be good applications for using the steel housing.

Can the electronic ballast be used in international applications?

The electronic ballast is able to run on either 50 or 60 Hz power systems.

What is the warranty for the new ballast?

The housing will have a three-year warranty from the date of manufacture for operation within the specified temperatures that are labeled on the housing.

Why does the QRSTD and not the QRS, work with the GEB?

The electronic ballast has a built-in system that can control a quartz restrike lamp. This system will remove the quartz lamp from the circuit once the primary lamp reaches 50% light output.

Can I order KiloWatch® with the electronic ballast?

You won't need KiloWatch. Variable dimming is integral to the electronic ballast design. To order the product for use with an 0-10V control system, simply specify the SC3PD option (Steel Cord 3' long with Plug and Dimming). This option will come with the standard SC3P cord and a secondary 3' two-wire dimming cord.

What about KiloWatch® II?

You won't need KiloWatch II either. The electronic ballast will be available with the ISP and ISM options. (Individually Sensored Photocell or Motion Detector). These options will send a 0-10V signal to the ballast, depending on the application.

Does the ballast meet Canadian standards?

The ballast does have an isolated secondary, but does not ground the screw shell so it does not meet the Canadian standards for operation at 208 or 240 Volts, but can be used at 277 Volts.