

Bright Ideas, Bold Innovations

Has Ballast Efficiency Got You Down?

*California Title 20 and
Energy Independence & Security Act of 2007
Compliant Ballasts*



Let Venture Brighten Your Future

With Venture's **Greener**, 88% or Greater Efficient
Pulse Start Metal Halide Ballasts

California Title 20

Energy Efficiency Standards for Metal Halide Luminaires. All Metal halide luminaires, with lamp ratings of 150 watts to 500 watts, manufactured on or after **January 1, 2008:**

- Shall not contain a probe-start metal halide ballast.
- Luminaires shall contain pulse start metal halide ballasts with a minimum **ballast efficiency of 88%.**

Energy Independence & Security Act of 2007

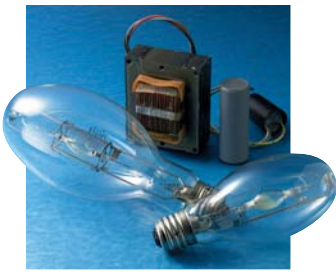
All Metal halide luminaires, with lamp ratings of 150 watts to 500 watts, manufactured on or after **January 1, 2009:**

- Contain *pulse start* ballasts (magnetic or electronic) meeting **88%** ballast efficiency.
- Contain *probe start* magnetic ballasts meeting **94%** ballast efficiency.



Efficiency-Compliant Ballasts

UNI-FORM™ PULSE START METAL HALIDE LIGHTING SYSTEMS



For Even Greater Efficiency

Venture Lighting has a line of Ventronic™ electronic ballasts with efficiencies of 93% available in 320, 350, 400 and 450 wattages.



≥ 88% Efficient Pulse Start MAGNETIC BALLASTS 60Hz

Lamp Wattage	ANSI Code	Product No.	Circuit Type	Input Voltage
150	M102	V90U7121*	Reactor	277
150	M102	V90U7120†	Reactor	277
150	M102	V90H7130†	HX-HPF	120/277
150	M102	V90D7130†	HX-HPF	120/208/240/277/277
150	M102	V90D7110†	CWA	120/208/240/277/277
150	M102	V90Y7110†	CWA	480
175	M137/M152	V90U7221	Reactor	277/277
175	M137/M152	V90D7211*	CWA	120/208/240/277/277
175	M137/M152	V90Y7211†*	CWA	480
200	M136	V90U7321	Reactor	277
200	M136	V90D7311*	CWA	120/208/240/277/277
200	M136	V90Y7311†*	CWA	480
200	M136	V90D7312*	CWA	120/208/240/277/277
200	M136	V90Y7312†*	CWA	480
250	M138/M153	V90U8421	Reactor	277
250	M138/M153	V90D8411*	CWA	120/208/240/277/277
250	M138/M153	V90Y8411†*	CWA	480
320	M132/M154	V90U7421	Reactor	277
320	M132/M154	V90D7430	HX-HPF	120/208/240/277/277
320	M132/M154	V90Y7430†	HX-HPF	480
320	M132/M154	V90D7412*	CWA	120/208/240/277/277
320	M132/M154	V90Y7412†*	CWA	480
320	M132/M154	V90D7413*	CWA	120/208/240/277/277
350	M131	V90U7521	Reactor	277
350	M131	V90D7530	HX-HPF	120/208/240/277/277
350	M131	V90Y7530†	HX-HPF	480
350	M131	V90D7512	CWA	120/208/240/277/277
350	M131	V90Y7512†	CWA	480
350	M131	V90D7513*	CWA	120/208/240/277/277
350	M131	V90Y7513†*	CWA	480
400	M135/M155	V90U7621	Reactor	277
400	M135/M155	V90D7612	CWA	120/208/240/277/277
400	M135/M155	V90Y7612†	CWA	480
400	M135/M155	V90D7613*	CWA	120/208/240/277/277
400	M135/M155	V90Y7613†*	CWA	480
450	M144	V90U8521	Reactor	277
450	M144	V90D8530	HX-HPF	120/208/240/277/277
450	M144	V90Y8530†	HX-HPF	480
450	M144	V90D8512	CWA	120/208/240/277/277
450	M144	V90Y8512†*	CWA	480

NOTES: * New product, call for availability

† Compliant only with luminaires rated for use in wet locations and that contain a ballast rated to operate at ambient temperatures above 50°C. Meets temperature exclusion of PL 110-140.

Venture supports the green energy initiatives of California Title 20 and the Energy Independence & Security Act of 2007. As the leader in pulse start metal halide technology, we agree with the need to move away from less energy efficient probe-start technology and strongly recommend that more efficient and "green" pulse start technology be embraced by all of our customers immediately.



VENTURE
LIGHTING

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