

## BALLAST COMPATIBILITY REPORT

Metal Halide LED Replacement Lamps  
Type A – Ballast Driven

Last Updated 08/12/2017

### Ballast Compatibility Description

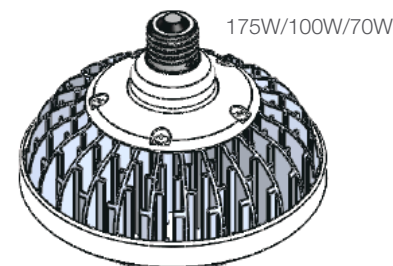
Lunera conducts ballast compatibility testing to on a wide range of commercially available ballasts to achieve the highest possible ballast compatibility with it's ballast driven (Type A) LED lamps.

The LUNERA MH LED FANLESS E26 lamps are compatible with 175W, 100W, and 70W CWA ballasts.

The lamps NOT compatible metal halide CWA ballasts either above or below their specified wattages. Nor are they compatible with non-CWA magnetic ballasts, HX-HPF ballasts, high pressure sodium ballast or LED drivers.

Compatible Metal Halide Ballast Types		
Wattage	ANSI	Type
175W	<b>M57</b>	<b>Metal Halide CWA – Probe Start</b>
	M137	Metal Halide CWA – Pulse Start
100W**	<b>M90</b>	<b>Metal Halide CWA - Probe Start / Pulse Start</b>
	M91	Metal Halide CWA - Probe Start, Double Ended
	M140	Metal Halide CWA – Ceramic, Double Ended
70W**	<b>M85</b>	<b>Metal Halide CWA - Probe Start, Double Ended</b>
	<b>M98</b>	<b>Metal Halide CWA - Probe Start</b>
	M139	Metal Halide CWA – Ceramic, Double Ended

The most popular ballasts are indicated in boldface.



LUNERA MH HID VERTICAL E26 FANLESS

\*\* 100W and 70W ballasts are only supported on the E26 medium base version.