



**Metal Halide: Pulse Start Lamps (various bases and wattages)**

This table is organized alphabetically by manufacturer.

**Products below meet these criteria for bulbs SF City staff are required to buy:**

1. More energy efficient than standard probe start metal halides.
2. TCLP-compliant preferred; models that comply with the European Union's Restriction of Hazardous Substances (RoHS) Directive are lead-free.
3. Lamps must have at least a one-year warranty.

Basic info			Buy it (Replacing a bulb? You don't have to use the same brand. Ask vendors if products below can be used.)	Sample Ordering Code	Notes
Manufacturer	Product line	Bulb shapes	For SF City depts.: contact approved vendors below. Then <a href="#">check prices here.</a>		
GE	<a href="#">PulseArc Multi-Vapor</a>	Elliptical: BD17, ED23.5, ED28, ED37	nsmith@omegapacific.com, 415-642-2195	MXR175/VBU/PA	Available wattages: 50, 70, 100, 150, 175, 250, 320, 350, 400, 750 & 1000.
Philips	<a href="#">Pulse Start Protected</a>	Elliptical: ED37, ED28	Troy.Vaughn@regencylighting.com, 415-845-2269	MP175/BU/PS	Available wattages: 175, 200, 250, 320, 350, 400 & 750.
	<a href="#">Pulse Start Standard</a>	Elliptical: BT37, ED28, ED37		MS175/BU/PS	Available wattages: 175, 200, 250, 320, 350, 400, 750 & 1000.
Sylvania	<a href="#">METALARC</a>	Elliptical: E17, ED28, ET23.5, BT28, BT37	armand@maltbyelectric.com, 415-863-5000	M175/PS/U	Available wattages: 70, 100, 150, 175, 200, 250, 320, 400, 750 & 1000.
	<a href="#">METALARC PRO-TECH</a>	Elliptical: E17, BT28, BT37, ED17, BT56		M150/U/MED	Available wattages: 50, 70, 100, 150, 175, 250, 320/350, 350/400 & 1000.