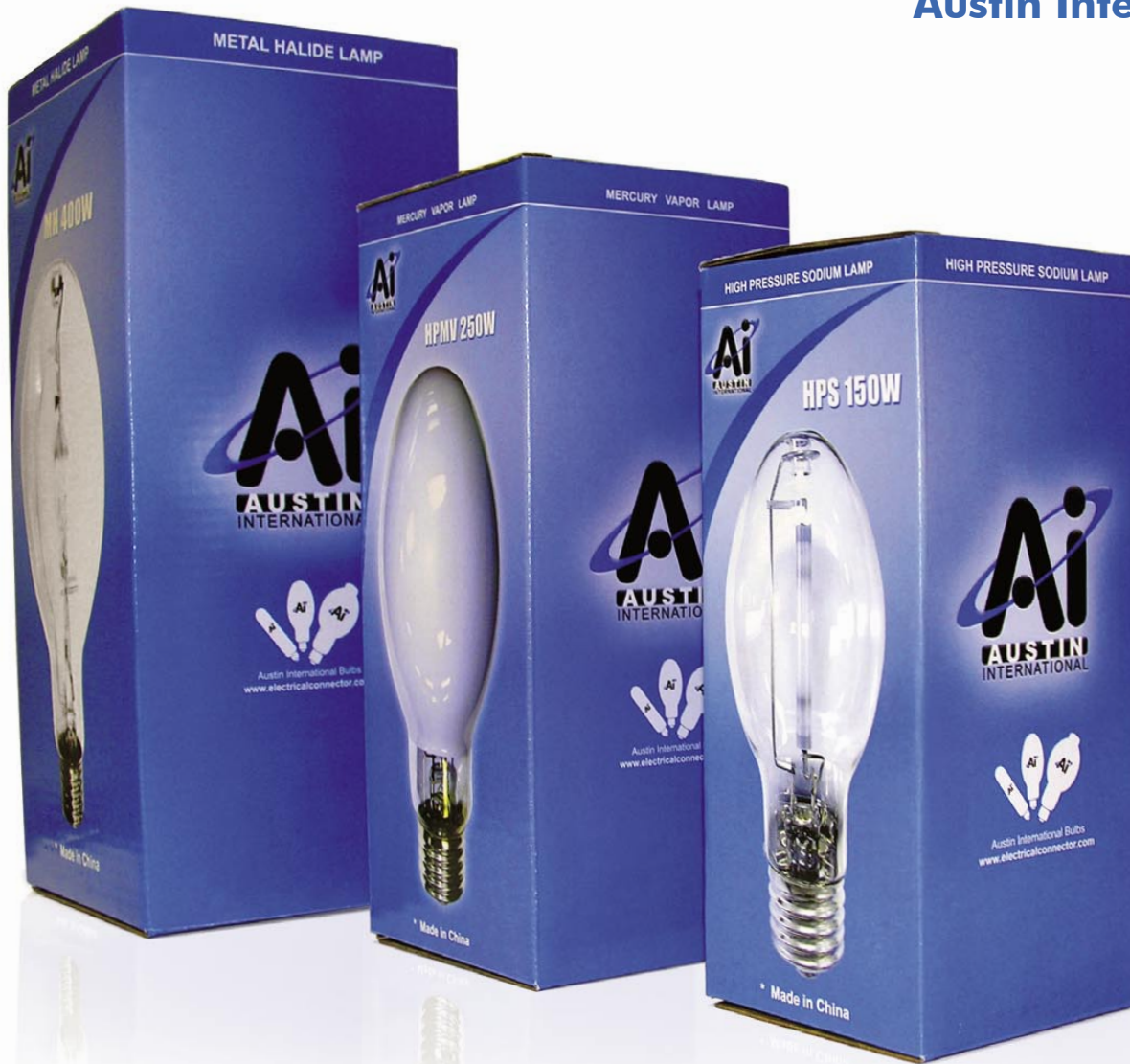


Austin International's HID Bulbs Austin International's HID Bulbs



High intensity discharge light bulbs are an excellent option for energy efficient lighting. They are different from standard halogen bulbs in that HID lights replace the filament of the light bulb with a capsule of gas. The light is here emitted from an arc discharge between two electrodes. This makes the amount of light produced to be greater than a standard halogen bulb, consuming less power at the same time. For this reason they are in use almost everywhere, from the local grocery store, to the warehouses, stadiums, and factories, to the parking lots and highway lights.

Austin International is proud to offer you a great selection of HID lighting. Our light bulbs compare to the top brands on the market for a fraction of the costs.



High Pressure Sodium Lamps

High pressure sodium lamps are very energy efficient. Mercury and sodium vapors produce a yellow/orange light with extremely good lumens per watt performance. Although they tend to render colors poorly they have an exceptionally long service life, (up to 40,000 hours).

Application: Lighting of roads, city squares, air-ports, docks, bus or train stations, beaches, parks and others.

Mercury Vapor Lamps

Mercury vapor is the oldest HID technology. The light within the arc is bluish making it poor for rendering colors accurately. Because of this, a phosphor coating is sometimes applied to alter the color temperature and to improve color rendering.

Application: Outdoor and indoor lighting.

Metal Halide Lamps

Metal Halide lamps offer high efficacy, excellent color rendition, long service life, and good lumen maintenance. They are used often in outdoor applications and in commercial interiors.

Application: Flood Lighting: stadiums, exhibition centers, large scale department stores, playgrounds, large factory buildings, streets and others.

	HIGH PRESSURE SODIUM				MERCURY VAPOR			METAL HALIDE	
	HPS-100 W	HPS-150 W	HPS-250 W	HPS-400 W	MV-175 W	MV-250 W	MV-400 W	MH-250 W	MH-400 W
Lamp Watts (W)	100	150	250	400	175	250	400	250	400
Lamp Voltage (V)	55	100	100	100	130	130	135	133	135
Lamp Current (A)	2.1	3.2	3.0	4.6	1.5	2.15	3.25	2.1	3.25
Luminous Output (lm)	9000	15000	28000	48000	8000	12000	21000	21000	36000
Color Temperature (K)	2000	2000	2000	2000	4000	4000	4000	4000	4000
Color Rendering Index (Ra)	20	20	20	20	40	40	40	65	65
Average Life Hours (hr)	24000	24000	24000	24000	6000	8000	8000	10000	10000