

Comparison of Emium Lighting Solstice LED vs. Induction Lighting to replace Metal Halide HID

	Emium Lighting Solstice LED	Induction	Metal Halide
Energy Efficiency (equivalents)	135 watts	224 watts	458 watts
Life Rating	150,000 hrs	80,000 hrs	20,000 hrs
Environmentally Safe (RoHS compliance for hazardous materials)	Yes	No Contains significant quantities of mercury	Yes
Durability	Very Durable	Fragile	Fragile
Sensitivity to Heat	No	Yes Must isolate light tube from ballast	Some
Sensitivity to Cold	No	Yes	Some
Sensitivity to Humidity	No	Yes	Some
RF and EM Interference (radio frequency & electro-magnetic interference)	No	Yes Considerable	No
Damaging UV Light	No	Yes	Yes