

Trouble shooting guide for GIESEMANN lights

Problem	Possible Fault	Solution
T-5 tube and MH bulb does not start	Plug is not plugged in	Plug in to mains
	Breaker has tripped at consumer box	Check electric circuit
T-5 tube does not start	Bad connection on lamp holder	Turn the tube 90° in the lamp holder to install properly
	T-5 tube is defective	Change the T-5 tube. If one tube is defective then neither will light.
	T-5 tubes are too old	Change both T-5 tubes
	Different T-5 brands or poor bulb quality	Use only D-D high quality T-5 tubes as cheaper models may be problematic
	Overheated ballast	Check that no slots are covered on the fixture
		Do not install the light in a canopy as this may cause overheating due to poor ventilation
	Increase the distance between the light and water surface	
MH bulb does not start	Bulb broken	Check that the ceramic of the bulb is not cracked or broken
		Check that the outer glass of the bulb is not cracked or broken
	Bad connection	Check the metal spring of the lampholder (250 Watt DE only)
		Check the connection of the lampholder generally
	Bulb is defective (black)	Change the MH bulb
	Bulbs are too old	Change all bulbs in your lighting unit
	Bad bulb quality	Use only high quality MH bulbs (BLV or Giesemann Megachrome)
	Overheated ballast	Check that no slots are covered on the fixture
		Do not install the light in a canopy as this may cause overheating due to poor ventilation
	Increase the distance between the light and water surface	
	Install a fan between water surface and light (in summer)	
Bulbs and /or tubes switching off temporarily	Overheated	See above
	Mains overloaded	Use a separate breaker for your light
	Bulb or tube contact	See above
	Timer settings	Check your plug in timer or the moonlight computer
Lighting smells	New bulbs	New bulbs will produce an ozone smell in the first 100 hours
	Reflector foil	Did you remove the film from the inside of the lamp which protects the reflectors??
Noise	Transport damage	
	Reflectors not fixed	Fix the adjustable reflectors (Infiniti only)
	Ballast too old	Ballasts need to be changed after 4- 5 years
	Overheated light	See above