

Building Name: Ministry of Foreign Affairs Building

Address: Tanglin, Singapore 248163

Ministry of Foreign Affairs is using energy efficient lightings (T5 lamps) for its offices and corridor areas. The use of T5 lamps combined with electronic high frequency ballast can save energy by up to 40% compare with equivalent standard TL-D systems.



Motion sensors are installed in all toilets and pantries. Energy savings are realized since these areas have highly variable and unpredictable occupancy patterns.



MFA has installed ultra-violet lamps after the cooling coils of all its Air Handling Units, toilets and offices. UVC emitter produces high output of UVC photons to kill bacteria, viruses and mould, thus it improves indoor air quality. It also provides continuous disinfection and coil cleaning. Clean coils help to improve the heat transfer between air and coils. Hence saving of air conditioning energy is achieved.

