

Commercial Case Study

Data Centre

Installation of LED light panels in National South African Hotel Chain Data Centre

50% ENERGY SAVINGS



Details:

Replacement of **CFL 3x36w** (NDL) Trough light with **60w LED light panel**

Easily installed by suspending the 1200mm x 300mm from the existing cabling tray

4600k Colour temperature, also available in 3000k and 6000k

Panels integrate with existing building management system

Individual panels dimmable with IR and built in DMX control

Light (Lux) levels were increased over fluorescent panels

50% reduction in power / 0.8 tonnes annual CO² savings *equiv per installation/configuration as indicated*

Benefits:

Large energy savings: Instant 50% energy savings

Reduced Maintenance costs: the lamp life increases to 50 000 hrs resulting in reduced disturbances to critical control area

Low heat production: Low heat emissions help to reduce air conditioning consumption

CO² Emissions savings: Reduced CO² emissions by 0.8 tonnes per year