



# CASE STUDY

## Amber Property Services { LOOKING AFTER YOUR INVESTMENT }

### Sand School

A privately owned stable yard were refurbishing their existing Sand School and wanted to upgrade the lighting installation as part of the scope of works.

The existing installation comprised of six 1000watt tungsten halogen lights which provided limited use of the school during winter months due to their dazzling appearance, poor spread of light and high energy consumption.

Upon visiting the site Amber Property Services were formally tasked with the design, installation and final testing of a new lighting scheme that would facilitate all year usage and more energy efficient to operate.

The new installation consists of a combination of 100watt metal-halide light fitments within the school arena, and 70watt sodium light fitments to the entry/exit area.

Metal-halide fitments provide a clear light coverage ideal for riding at dusk, whilst the sodium fitments give an orange light spread (as street light columns) identifying the entry/exit area. The identifying of the school boundary by differing light shades was an important factor to help avoid a rider misjudging the arena length.

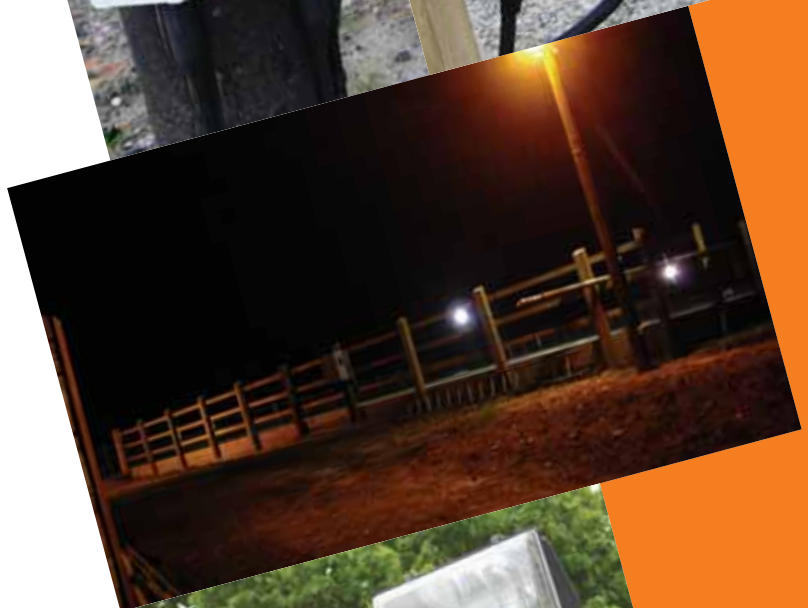
Due to the installation environment steel wire armoured cables were installed to provide mechanical protection against any potential cable damage, incorporating waterproof connection boxes and operational switches.

The refurbished Sand School has proved to be a great success for the owners with clients able to use the facility more effectively all year.

Energy consumption values

Old system: 6000watts

New design: 940watts





## Amber Property Services

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