

## CASE STUDY / QUEENSLAND RAIL STATION LIGHTING UPGRADE /



### FAST FACTS /

- / Upgrade all station lighting
- / Replace main switchboard and fit lighting control systems
- / Works carried out on fully operational Railway Station
- / Multiple sites across regional Queensland



### CLIENT /

Queensland Rail

### DESCRIPTION /

Accessible Station Lighting Upgrade Project

### TIMELINE /

2 years

### LOCATION /

Regional Queensland – state wide

### CONTRACT VALUE /

Total \$3.32 million over 22 Stations

In late 2007 PSG Richard Flanagan successfully tendered to upgrade the lighting, controls and main switchboard at Mackay and Sarina Railway Stations. We have since completed a further 20 stations across regional Queensland.

Lighting is critical on and around railway stations. It improves safety and reduces vandalism. With the addition of sensor lighting (which operate only when there's human presence), station lighting can also be cost and energy efficient.

The works for Queensland Rail involved installation of new Metal Halide Floodlights and associated poles and electrical works. There was also fitment of new station and shelter lighting along with the upgrade of the station main switchboards and fitment of timer, PIR and/or Digital Addressable Lighting Interface (DALI) based lighting control systems.

PSG Richard Flanagan developed a proven 'model' for the completion of these projects. This model provided the client with a constant intermediary for estimating, project management and site project teams. Smooth project management ensured projects were completed in a three to six week timeframe.

North Queensland presents its own particular weather challenges as the 'wet season' moves in. Most of these challenges were overcome with prudent forward project scheduling between PSG Richard Flanagan and Queensland Rail. This scheduling enabled projects to run 'on track' consecutively throughout the year.