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## CORBOULD PARK BASSULLIGHTS UP

Neil T Fallon Services has partnered with Racing Queensland to deliver several large infrastructure projects at Corbould Park as well as ongoing maintenance services. More recently, Fallon Services has assisted Racing Queensland with preliminary design and budget estimates for some of the exciting future infrastructure projects.

Fallon Services is an iconic Brisbane-based trade services company, celebrating 50 years of service in 2012. The company has a service focus and delivers electrical, air-conditioning, plumbing and other trade services solutions. Fallon Services also delivers outdoor lighting solutions through their subsidiary, Australian Sports Lighting Solutions.

The first project completed for Racing Queensland was for international television standard lighting at Corbould Park. The spectacular opening race meeting under lights was held on Saturday, February 21. The facility consists of an outer grass track, and since April 2008, an inner synthetic cushion track; the first of its kind in Australia.

Designed over a three-month period and then constructed over a six-month period the project included:

- 1. Illumination of both tracks with the largest single flood-lighting installation ever completed in Australia. The lighting scheme meets the necessary brightness, colour rendition and uniformity required for international television coverage, safety and other considerations of riders, horses, spectators, officials and stewarding as well as photo finish requirements.
- Strict glare control measures were implemented (AS 4282 compliance) to limit discomfort glare for riders, stewards, patrons and surrounding residents as well as traffic on the adjoining Caloundra Road.
- 3. The requirement for complex lighting controls using multiple scenarios was incorporated as well as energy efficiency considerations. This allows for training lighting, power failure and different track configurations.
- 4. Design, manufacture, installation and commissioning of 40 unique floodlighting towers and footings. The largest tower is 40m tall and supports 48 x Philips ArenaVision fittings.
- 5. Provision of adequate and safe electrical supply system incorporating on site power generation.
- Upgrading of car park lights, viewing area lights, switchboards and other existing infrastructure.

The project was completed within an extremely tight time frame during Queensland's wet season and without interruption to the racing calendar. «

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