



Case Study

Coles Express offers its Newcastle customers a brighter cleaner environment while saving on power costs.

Summary

The customer, Rediserv, was impressed by the versatility of Tiger MegaFloods whereby the modular format of the fittings can be specified with the most suitable lenses. They were then teamed up with the appropriate bracket for the different applications on this new site - the two canopies and the perimeter pole-mounted lighting.

Challenge Faced

There were two important facets to this project. Firstly, the performance of the fittings was of paramount importance. Secondly, their appearance had to be in keeping with the clean, high tech look and feel of the modern Coles Express/Shell fuel and convenience store offering.

Solution

The canopy lighting was pre-ordered as 22 x 150W MegaFloods with a white polyester coated housing which recessed into the two canopies for a sleek modern appearance. The standard lenses were round 90 degree lenses selected for the beam spread from the 4-5m height. The exceptions were 4 fittings closest to the main entrance, which had forward-throwing T4S lenses which were designed to project light out into the entrance driveway.

The perimeter lighting was specified as 10 x 180W Tiger MegaFloods with a square spigot-entry, in the classic shoebox-style. These were also fitted out with forward-throwing T4S lenses to project across the area surrounding the canopies.



Canopy lighting plus area lighting around the perimeter of the Coles Express/Shell service station in Newcastle, NSW.

Solution – continued

Lens options for Tiger MegaFlood modules include round 10, 25, 40, 60, 90 and 120 degrees. There are also T1M, T2M, T3M side-throwing “batwing” lenses for streetlighting and T4S forward-throwing area lenses. Tigerlight can recommend the most appropriate for any particular circumstance, according to the mounting height and the area to be illuminated.

Lens types available

T1M asymmetric	
T2M asymmetric	
T3M asymmetric	
T4S area lens	
T5U - 10° round	
T5V - 25° round	
T5W - 40° round	
T5S - 60° round	
T5M - 90° round	
T5L - 120° round	

Tiger LED MegaFlood Canopy light, 150W

- 16,700 lumens @110 lumens per watt
- Replaces 400+W HID
- Lens options to suit different mounting heights and degree of spread required
- Modular design with stainless steel fascia
- Polycarbonate lenses - no glass
- IP67.



Tiger LED MegaFlood Shoe-box style Area light, 180W

- 20,400 lumens @ 110 lumens per watt
- Replaces 400+W HID
- 90 degree round lenses are standard with other options to suit different spread requirements
- Modular design with stainless steel fascia
- Polycarbonate lenses - no glass
- IP67.

