

INFRASTRUCTURE PROJECTS

MURL MELBOURNE CENTRAL STATION

Situation

We were approached to provide a modular solution for a high-specification railway station being built in Melbourne CBD that was specified to be built using a "Plug and Play" system.

Task

Our task was to design a custom lighting and power solution for the project, providing modular products to all light fittings on circuits using 2.5mm and 4mm Low Smoke Zero Halogen cable that could also be used for a 10mm fire-rated cable.

Action

We modified our tooling to allow for LSZH cable and put preliminary solutions in place, utilizing our Plug bases with areas of the project moving also utilizing our Low Smoke Zero soft-wired backbone leads. We designed and manufactured specialized mounting brackets. We supplied over 4500 lighting luminaire leads, 4500 T20 Plug bases, and 60km of Low Smoke Zero Halogen cable for the project.

Result

Our custom solution resulted in significant labor savings on site as minimal onsite work was required with the Low Smoke Zero Halogen cable. The wear and tear of onsite tooling was also reduced significantly. We were able to streamline the supply chain, providing a turn-key solution for the project.



Client

Q4 Electrical

Project Scope

Low Smoke Zero Halogen cable solution, using a plug and play system

Location

Melbourne CBD

Products Used

4500 luminaire leads, 4500 t20 plug bases, 60km of Low Smoke Zero Halogen Cable

Tags

Infrastructure, Modular, Lighting