

# Illuminating the Singapore MRT Build

## Customer

Singapore MRT (Mass Rapid Transport)

## Project

As capacity and requirements grew, Singapore MRT was required to expand its rail network.

In the tunnelling stage, and as the TBM progresses, the lined tunnel required illumination as materials are fed into the advancing machine.

Illuminance and uniformity are important for safety and personnel comfort. Lighting simulations produced the preferred light spacings achieving the required levels of light and uniformity.

## The Solution

Ampcontrol specified the Burn Brite built AlphaLite Max 18W.

AlphaLite Max ME is a maintained emergency luminaire, designed for environments where temperature, moisture and dust are present and contact with moving objects is likely. All external materials are non-metallic and selected for impact strength and durability.

In addition to these features, the installation required maintained emergency luminaires to operate in the event of a power failure.

One in every three lights has a self-contained emergency pack and battery to keep the lights operating under fault conditions.

Other benefits delivered by the use of AlphaLite Max was the inclusion of low smoke zero halogen cable and IP67 plugs and sockets.



→ The Burn Brite AlphaLite Max for harsh environments

