



INCANDESCENT RETROFIT LED LANTERN

FEATURES

- **High Retrofit Compatibility**

ATS lanterns come in standard 200mm or 300 mm diameter. Lanterns can fit directly into various brands of header. Therefore, the existing lantern housing, Edison screw holder, cabling and wiring can be retained.

- **Fast and Simple Replacement**

Replacing the lantern is easy and takes less than 5 minutes. Therefore the labour cost as well as the down time of the traffic signal is minimized.

- **Two Stage Edison Screw Adaptors**

The screw adaptor can be rotationally inserted to screw housing by a single hand. Hence there is no stress applied to the cable and the signal can be fitted into the housing without special manoeuvre.

- **High Power Efficiency**

ATS LED lanterns consume less than 20% of power compared to an incandescent lantern.

- **50 Times Longer Life**

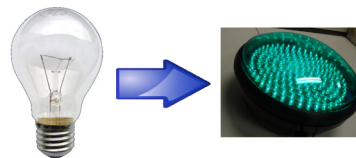
The average lifespan of incandescent light bulb is 1,000 hours; whereas the LED is 50,000 hours.

- **Versatile Retrofit Options Available**

Available in Australian and British standard models with different front lens choice :colour/colourless, clear/diffused

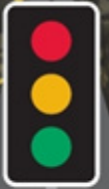
ATS aims to provide reliable traffic lighting solutions through innovation and latest technology. We have developed a simple but effective retrofit module to replace old incandescent light bulb with LED, the Incandescent Retrofit LED Lantern (IRLL).

IRLL retrofits will result in the reduction of operational cost, improved optical performance ,a longer life span and energy efficiency.



Aldridge Traffic Systems

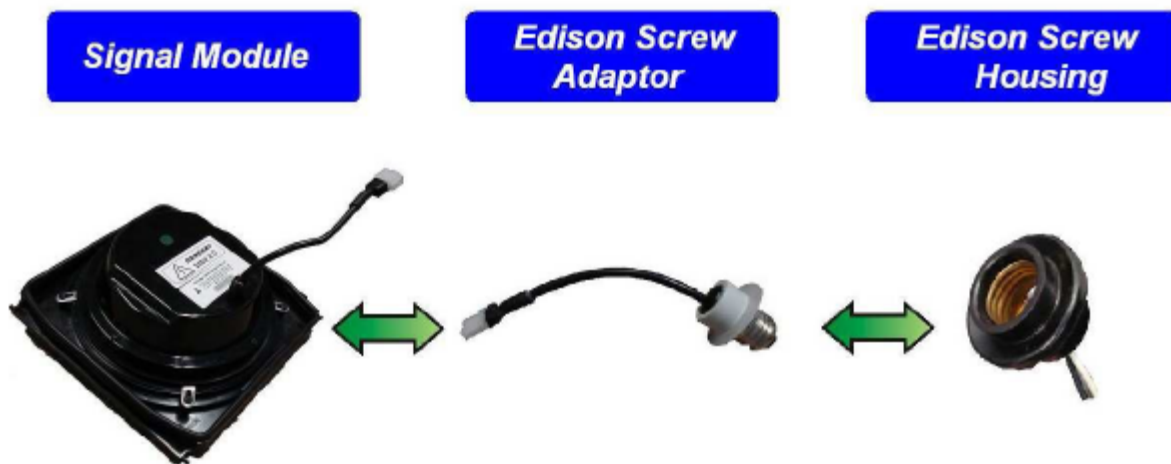
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MODULE DESCRIPTION

The IRLM Module consists of a LED signal lantern and an Edison screw adaptor.
(Note: All models shown are prototype only)



The adaptor allows the Edison screw to be connected without applying rotational stress to the wire. The lantern is then connected straight into the adaptor via a plug to make field operation simple