



Fig 1: Before – Halogens



Fig 2: After – LEDs



Fig 3: Close up – LED down lighter

## LED Lighting SA

# 9W Dimmable Down-lighter – F3D700-S60-C

This dimmable 9w LED solution is designed for general lighting to replace the 50w halogen. This solution is provided with the light fitting with a small dimmer control unit on the back. The light fitting is designed to create the correct thermal control for the LEDs. Expected lifespan for normal house hold use is 20 years at which point the entire fitting and light source is replaced. The equivalent illumination is approximately that of 35-40w halogen.

Visit [www.ledlighting.co.za](http://www.ledlighting.co.za)

## Key Product Features

### Optimised LED Lighting Solutions

- ▶ Directed Halogen replacement is possible as fittings sizes are the same.
- ▶ Installed in the same way normal halogen down-lighters are installed.
- ▶ Available in different Kelvin colour temperatures – cool white, natural white, warm white.
- ▶ **Low voltage** operation reduces the risk of fire.
- ▶ Uses 9W per light source which results in **large savings** in electricity.
- ▶ 40,000 hr lifespan of LEDs greatly **reduces maintenance** costs.
- ▶ With normal household use light sources only need to be replaced every 20 years
- ▶ This version is dimmable for applications where light levels require adjustment.
- ▶ Safe & **environmentally friendly**. (no mercury used)



more information see our webpage: [www.ledlighting.co.za](http://www.ledlighting.co.za)



## LED Lighting SA

# 3W Up-lighter / Down-lighter – MR16-ND350-L30-N

This 3w LED solution is design for ambiance lighting rather than general lighting. It is perfect of illuminating a piece of art, or for up-lighting the texture in a wall. It is more a spot light as it does not have the same radiance of light as a halogen globe.

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## Key Product Features

### Optimised LED Lighting Solutions

- ▶ Fits in to standard Halogen down-lighter fittings
- ▶ Numerous light sources can be run off a single power supply.
- ▶ **Low voltage** operation reduces the risk of fire.
- ▶ Uses 3.2W per light source which results in **large savings** in electricity.
- ▶ 50,000 hr lifespan of LEDs greatly **reduces maintenance** costs.
- ▶ Non-dimmable
- ▶ Safe & **environmentally friendly**. (no mercury used)