

## Introducing MiniPower 12V 9W = 40W

A Direct Replacement for Electricity Sucking 50W Halogen Down Light Lamps



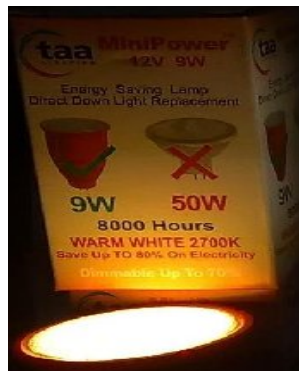
Soft Warm White  
2700K 9W = 40W

Soft Cool White  
4000K 9W = 40W

Soft Natural White  
5000K 9W = 40W

Soft Daylight  
6500K 9W = 40W

## MINIPOWER SUGGESTED APPLICATION



### Applicable in:

Lounge room, Dining Room, Kitchen, Hallways, Bedroom, Restaurants, Hotels, Retail displays and any application that requires soft non glare warm white lighting.



### Applicable in:

Dining Room, Kitchen, Hallways, Study room, Board room, Hotel, Retail displays and any application that requires soft non glare cool white lighting.



### Applicable in:

Office, Dining Room, Kitchen, Hallways, Study room, Board room, Hotel, Retail displays and any application that requires soft non glare natural white lighting.



### Applicable in:

Office, Dining Room, Kitchen, Café's, Hallways, Study room, Board room, Hotel, Retail displays and any application that requires soft non glare natural white lighting.

Best application is always based on Individual taste and drive.

# Minipower A New Green Opportunity For You To:

Help you cut your lighting bill

Help you save your house, business and your family from possible fires from halogen down lights

Help you cut your cost of lamp replacement

Help you cut your CO2 emission by 302 kg for each halogen lamp you replace with a Minipower lamp

Help electricity companies cut the cost of electricity distribution

Help save the environment

Create green jobs

Join the race to create 100,000,000 green jobs across the globe

Become a part of a lighting revolution

## A Green Opportunity Of A Life Time

### MINIPOWER BENEFITS

#### **Straight Lamp Replacement**

Minipower Energy saving lamp is a 12V low voltage lamp that operates on electronic transformer. Minipower uses a GU5.3 base which means any house or business that has low voltage down lights operating on an electronic transformer can now do a straight lamp replacement from halogen to Minipower. At 9W Minipower replaces 50W halogen lamp with a straight saving of 82%

#### **MiniPower The Money Saver**

MiniPower energy saving lamps require 82% less power to operate compared to halogens lamps.

E.g. a typical house with 20 halogen lamps spends 1000W, replaced with 9W Minipower the wattage is reduced to 180W a saving of 820W

#### **Save the Environment**

MiniPower energy saving lamp has a small carbon footprint, so for every lamp replaced 302kg is no longer dumped onto our environment.

E.g. a typical house with 20 halogen lamps emits 6,040kg of CO2, replaced with 9W Minipower that emission drops to 2,718kg of CO2

# MINIPOWER IS SAFE FROM DOWN LIGHT FIRES

## Halogen Downlights Can Be Fire Hazardous



Halogen lamps not only consume a lot of power but also produce a lot of heat. After a few hours of operation the temperature around the lamp can reach a scorching 370°C. Most houses and buildings are built with insulation in the ceiling, insulation is flammable material, put the two together and it can be a fire accident waiting to happen.

### Minipower And Building Insulation

Minipower does not release heat from the back and therefore any building with Minipower is safer.

### What The Law Requires Of Homes

Due to fires caused by halogen downlights, all homes and businesses with halogen down lights are required to install DOWNLIGHT COVERS to minimise the risk of fire.



Down light covers

### Minipower And Compliance

Switching to Minipower is the most sensible and cost effective way to comply with fire safety requirements not only to protect your family, house and business from the risk of fire but also to cut down on the cost of lighting.

The average cost of a down light cover is between \$8.00 and \$16.00 plus the cost of installation estimated from \$25.00 - \$30.00 per down light can be very costly especially in tough economic times.

**That is why the world is choosing Minipower as a solution.**

## Minipower Designed And Built For Safety

Our families, our homes and businesses mean a lot and to put these three important investments at risk makes no sense.

The halogen down light revolution brought with it huge risks to these three important things in life and that is why Minipower was designed and built to protect the three important things we hold so dear in life.

MiniPower Energy Saving lamp produces less heat compared with halogen lamps which reduces the wear on the components as well as posing no risk of fire to families, homes as well as businesses.

## Suitable Transformers

Minipower lamps have been tested and found to be suitable for application on all electronic transformers used around the world.

### Important:

Minipower is not suitable for Magnetic (iron core) transformers yet, but at a small cost you can convert your magnetic transformers to electronic transformers that are known to be more efficient than magnetic (Iron Core) plus most magnetic transformers were installed a long time ago and many of them have almost reached their useful life.



Minipower Electronic Driver



Magnetic (Iron core) transformer

## CHANGING YOUR EXISTING DOWN LIGHT KIT TO MINIPOWER DOWN LIGHT KIT

Since most down lighting fittings change colour due to intense heat from halogen lamps, it is important to consider the Minipower down light KIT. Minipower KITS are subsidised to help the end user with the cost of replacing their old down light kit.

### OLD DOWN LIGHT KITS

A lot of the old down light kits came with GIMBLE (adjustable) down light fittings which are expensive to run with high cost of heating and cooling plus unhealthy insulation dust that falls through the down light gap.

### MiniPower Down Light KIT Comes With:

- 1 x Minipower 12V 9W, 82% energy saving lamp compared to the halogen lamp
- 1 x Weather Seal - Heating and Cooling friendly down light fitting that directly replaces GIMBLE downlight plus Weather Seal stops insulation dust which is harmful.
- 1 x Minipower electronic driver (Transformer)

## Minipower Downlight KIT wins in every category

# MINIPOWER 12V 9W = 40W ENERGY SAVING DOWN LIGHT KIT



+



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**Soft Warm White  
2700K  
MINIPOWER KIT/WW**

**Weather Seal**

**Minipower Electronic Driver**



+



+



**Soft Cool White  
4000K  
MINIPOWER KIT/CW**

**Weather Seal**

**Minipower Electronic Driver**



+



+



**Soft Natural White  
5000K  
MINIPOWER KIT/N**

**Weather Seal**

**Minipower Electronic Driver**



+



+



**Soft Daylight  
6500K  
MINIPOWER KIT/D**

**Weather Seal**

**Minipower Electronic Driver**

## MINIPOWER 12V 9W = 40W AND CO2 EMISSIONS

LAMP RUNNING TIME	MINIPOWER 12V 9W	12V 50W HALOGEN LAMPS	TOTAL EMISSION SAVINGS PER YEAR
Hours (hr)	CO2 Emission (kgCO2/yr)	CO2 Emission (kgCO2/yr)	CO2 Emission (kgCO2/yr)
4	12.09	67.16	55.07
8	24.18	134.32	110.14
12	36.27	201.48	165.21
24	72.53	402.96	330.43

MiniPower energy saving lamp has a small carbon footprint, so for every halogen lamp replaced with Minipower 302kg of CO2 is no longer dumped into our environment.

E.g. a typical house with 20 halogen lamps EMMITS 6,040kg OF CO2, replaced with 9W Minipower the EMISSION DROPS TO 2,718kg CO2 a huge saving of 3,322kg of CO2.

## MINIPOWER AND UTILITY COMPANIES

Minipower lamps have an amazing 0.94 power factor which means the lamp;

Runs smooth

Less current over flow etc.

For electricity distribution companies, Minipower can help them **SAVE UP TO \$13.00** per lamp per year with an estimated **100,000,000** down lights across Australia which will reflect in other small populated developed countries, electricity companies are likely to save **1.3 Billion dollars per year due to reduced distribution costs**, making MiniPower a revolutionary product that the world needs to help fight global warming.

## MINIPOWER MONEY SAVER

Minipower lamps are a money saver from the day they are installed into a building, This is demonstrated in an example that follows:

Take a house with 20 Halogen down lights, the cost to the end user is:

20 X 50W = 1000W (1kW)

The same building with 20W Minipower laps:

20 X 9W = 180 (0.18kW) this represents a huge saving of 820W

## MINIPOWER 12V 9W VS GU10 240V ENERGY SAVING LAMPS

Most GU10 CFL downlights have a power factor of a round 0.5, which means that they draw twice of the amount of power it actually needs. Minipower comes with the power factor of 0.94, a greater efficiency. This will give you a saving of \$13.50 per lamp until the end of Minipower's lifespan compared to low power factor GU10 CFL downlights.

## MINIPOWER IS SAFE FOR YOUR ENVIRONMENT

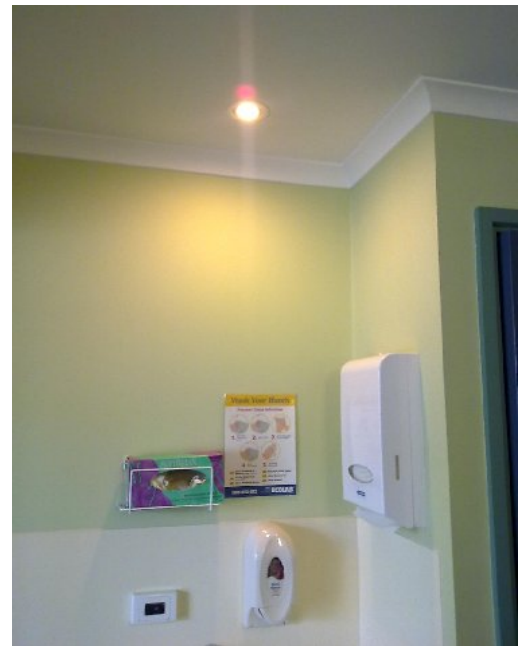
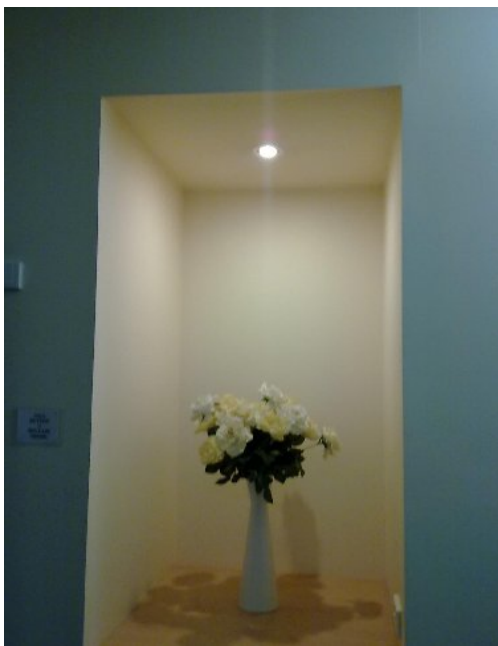
Due to the fact that Minipower lamps are rated at 8000 hours, that represents less lamp replacement and less waste into the landfill. Compared to a lot of CFL lamps, Minipower lamps have a low mercury content making these lamps safer for disposal.



This Kitchen in Northcote Victoria Australia is lit by 3 X 9W = 27W Minipower Warm white lamps, originally the same kitchen was lit by 3 x 50W = 150W halogen lamps a saving of 123W.



In New Zealand a customer compares 50W halogen lamp with 9W Minipower and this is what he had to say " I cant believe I went from 100W to 18W with a much better light distribution with Minipower compared to 50W halogen.



Minipower at a hospital in Melbourne

## Minipower And Glare

Homes as well as business premises with halogen lights experience glare when downlights are turned on and this can cause discomfort especially when watching TV, sitting in a restaurant, bar or studying. Minipower has no glare; Minipower lamps are softer to look at, comfortable to work under, comfortable to watch TV under and they offer even distribution of illumination.

## Minipower And The Cost Of Maintenance

Minipower lamps are long life lamps rated at 8,000 hours compared to most halogen lamps that range from 2000-3000. Minipower 8,000 hours means you cut the cost of lamp replacement by 75% which puts money back into your pocket.

## Minipower Warranty/Peace Of Mind

Minipower comes with 12 months replacement warranty.

## Minipower Product Liability Insurance

Minipower comes with \$5,000,000.00 product liability insurance.

## WHERE TO BUY MINIPOWER LAMPS AND MINIPOWER DOWN LIGHT KITS

Minipower lamps and Minipower Down Light Kits are available around the world, talk to your local Minipower distributor or contact us by e-mail; [mini@greenwe.com.au](mailto:mini@greenwe.com.au)

The power is in your hands  
"MINIPOWER"

-Save money  
-Help make a positive contribution to the environment

The logo for Green We Lighting features the word "Green" in a bold, green, sans-serif font, with a red "G" inside a green circle. To the right of "Green" is the word "We" in a bold, green, sans-serif font, followed by a small "TM" trademark symbol. Below "Green We" is the word "Lighting" in a smaller, green, sans-serif font.

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