

LED DOWNLIGHT UPGRADES

IT'S TIME TO UPGRADE THOSE INEFFICIENT HALOGEN DOWNLIGHTS AND SAVE UP TO 80% ON YOUR LIGHTING POWER COSTS WITH THESE *Eco Light Up* LED DOWNLIGHTS.

LONGER SERVICE LIFE AND MORE MODERN LOOKS ARE EVEN MORE REASON TO SWITCH TO LED. LET US PROVIDE A COMPETITIVE QUOTE TO UPGRADE YOUR EXISTING HALOGEN DOWNLIGHTS.

 <p style="text-align: center;">Eco Light Up – “SPARROW” 9 watt LED Down light kit (with LED driver)</p> <p style="text-align: center;">1+ \$24.50 each, 12+ \$22.90 each, 50+ \$21.00 each</p>	<p style="text-align: center;"><u>Specifications</u></p> <p>Output illumination: 660 – 750 lm Beam angle: 90 degrees LED life span: 50,000 hrs Cut out size: dia 90mm Dimensions: Face dia 101.5mm Headspace 49.5mm Dimmable: Yes Frame colours: White or Silver Colour temp: Warm or cool white (3000k or 5500k CCT) Safety compliance: CE, ROHS, CTICK & SAA Warranty: 5 Years</p> <p><i>This light is generally equivalent in output illumination to most 50 watt halogen downlights, reducing power consumption by around 80%. Designed to retrofit straight into a standard 90mm halogen downlight ceiling cut out.</i></p>
 <p style="text-align: center;">Eco Light Up – “CONDOR” 13 watt LED Down light kit (with LED driver)</p> <p style="text-align: center;">1+ \$31.90 each, 12+ \$30.75 each, 50+ \$28.40 each</p>	<p style="text-align: center;"><u>Specifications</u></p> <p>Output illumination: 830 – 950 lm Beam angle: 100 degrees LED life span: 50,000 hrs Cut out size: dia 90mm Dimensions: Face dia 110mm Headspace 39.3mm Dimmable: Yes Frame colours: White or Silver Colour temp: Warm or cool white (3000k or 5500k CCT) Safety compliance: CE, ROHS, CTICK & SAA Warranty: 5 Years</p> <p><i>This light will exceed the output illumination to most 50 watt halogen downlights, reducing power consumption by around 75%. Designed to retrofit straight into a standard 90mm halogen downlight ceiling cut out.</i></p>

See over for more information on power saving estimates and installation costs. Please call to arrange a free site survey & quote.

DOMESTIC SITE POWER SAVING CALCULATOR

The table below shows the savings per fitting when a 50 watt halogen unit is replaced by a 9 watt Sparrow downlight based on various hours per day usage factors. The savings do compound significantly when you consider that many sites have 20 or more halogen downlights being used.

Hours per day usage	2	4	6	8	10	12
\$ saving per year per downlight	\$8.36	\$19.72	\$25.08	\$33.44	\$41.80	\$50.16

1. Power price is based on the 2014-15 gazetted Tariff 11 rate of 27.92 cents per kWh including GST.
2. Calculations are based on usage over 365 days.

COMMERCIAL SITE POWER SAVING CALCULATOR

The table below shows the savings per fitting when a 50 watt halogen unit is replaced by a 9 watt Sparrow downlight based on various hours per day usage factors.

Hours per day usage	2	4	6	8	10	12
\$ saving per year per downlight	\$5.41	\$10.82	\$16.23	\$21.64	\$27.05	\$32.46

1. Power price is based on the 2014-15 gazetted Tariff 11 rate of 25.378 cents per kWh **excluding GST**.
2. Calculations are based on usage over 260 days (excludes weekends)

QUESTIONS AND ANSWERS

Q. What is involved with the installation and fitting of a new LED downlight?

A. Most standard gimbal type halogen downlight fittings use a 90mm diameter ceiling cutout. Both Sparrow & Condor units are designed to fit straight into the existing cutout. They can be simply wired into the existing power supply (by a licensed electrician) and do not require any earthing.

Q. What does installation cost?

A. Assuming that access to the downlight can be safely achieved from a ladder and the ceiling cutout is suitable, installation costs between \$15 & \$20 per fitting. The more lights installed the lower the cost.

Q. Do LED lights get hot?

A. Yes LED lights do emit some heat with heatsinks generally operating around 60c. This compares very well with halogen downlights that operate between 300c and 500c.

Q. Can I use any type of dimmer on LED downlights?

A. No, not all dimmers will work with LED downlights. We recommend fitting compatible dimmers which can be supplied at a cost of \$33.00 each.

Q. How long to LED downlights last?

A. These Eco Light Up downlights are rated for a 50,000 hour lifespan under normal operating conditions. Halogen lamps usually only last for 3000 to 5000 hours. To put this into perspective the LED unit will last 17 years if used for 8 hours every day.

