



**HIGH QUALITY  
ENERGY EFFICIENT  
LED LIGHTING**

Over 25 years'  
experience in quality  
energy saving  
solutions

A smart and easy way  
to save energy



## ELWA offers a range of quality energy-efficient LED lights for new projects and for replacements of existing light fittings and fluorescent tubes.

### ELWA ENERGY EFFICIENT LED LIGHTS

Elwa is involved in many energy efficient "green" projects with the latest innovation in LED Lighting to replace fluorescent tubes and light fittings with competitive quality LED tubes, flat panel and troffer light-fittings, reducing energy consumption for the lighting by 55-75%.

With a simple assessment of the floor-plans or specifications of projects, Elwa can prepare a proposal and a sharp quote for new jobs or lighting upgrades, showing initial investments, ROI and long term energy savings. Elwa has energy saving replacements for every situation where fluorescent tubes are used, savings 55-75% on running costs and a solution for new projects to get the best LED lights right from the start. The Elwa LED product range of high quality LED lights for commercial buildings is constantly growing and many products are available on request.

### WHY USE LED LIGHTS?

For new projects or if your existing light fittings are old and due for a replacement there are many options that Elwa can offer which will provide you with the latest technology and a long lasting maintenance free solution. LED light fittings and flat 9mm thick panels are affordable and a great way to achieve a high level of energy efficiency throughout your buildings.

### CHOOSING HIGH QUALITY TUBES AND PANELS

There are a number of factors that determine the quality of LED lights, such as:

- The number of LED chips
- The light intensity (Lumen/Watt)
- The current through each LED chip
- The working temperature
- The cooling capacity of the design
- The quality of the drivers.

Our factory has been working with high quality chips for many years. The LED chips do not run at their maximum allowed current and have a good cooling design which means that they don't get hot.

We also have an increased number of LED chips in our tubes and panels with similar light output to those of competitive products and together that gives our products a long life expectancy.

Additionally our drivers are modular which means that they simply plug on to the PCB strips and are therefore easy to replace giving the tubes an almost unlimited lifespan and a huge reduction in waste as no replacements are required for many years.





### MAIN BENEFITS OF SWITCHING TO ELWA LED LIGHTS

Most energy efficient way to light your business or workplace.

- 55% - 75% energy savings when compared to a T8 fluorescent lamp
- Proven lifespan of 30,000 - 60,000 hours (5 times longer than conventional fluorescent tubes)
- Elwa provides guidance for every replacement and upgrade project. Detailed technical instructions are provided for all options of replacing existing light fittings
- High efficiency of more than 100 lumens per watt
- Wide beam angles
- With four different light colours Elwa LED lights offer great colour rendering, suitable for any environment
- Full brightness without the start-up delay typical of fluorescent tubes or mercury vapour high bays
- Modular replaceable drivers on tubes

All Elwa LED lights have been independently tested and are approved to all relevant Australian lighting and safety standards.



## ELWA LED LIGHTS AT A GLANCE

	<p><b>LED Tube Light</b></p>	<p><b>Size (m)</b> : 0.6, 0.9, 1.2, 1.5  <b>Power rating</b>: ranges from 10W - 22W  <b>Colours</b>: warm white, normal white, cool white, daylight  <b>Certified</b>: CE, SAA, RoHS, EMC, TüV  <b>Warranty</b>: 3 years</p>
	<p><b>LED Flat Panels</b></p>	<p><b>Size (mm)</b> : 300 x 300 x 9 to 598 x 1198 x 9 (12 different sizes)  or any size on order  <b>Power rating</b>: ranges from 2W to 72W, different intensities in light outputs  <b>Colours</b>: warm white, normal white, cool white, daylight  <b>Certified</b>: CE, SAA, RoHS, TüV</p>
	<p><b>Troffer LED Light Fittings</b>  for suspended ceiling or surface mounted</p>	<p><b>Size (mm)</b> : 300 x 300 x 9 to 598 x 1198 x 9  <b>Power rating</b>: ranges from 10W - 18W  <b>Colours</b>: warm white, normal white, cool white, daylight  <b>Certified</b>: CE, SAA, RoHS, TüV  <b>Warranty</b>: 3 years</p>
	<p><b>LED Surface mounted Weatherproof Batten</b></p>	<p><b>Size (mm)</b> : 1243 x 175 x 88  <b>Power rating</b>: 18W or 2 x 18W  <b>Certified</b>: CE, SAA, RoHS, TüV  <b>Warranty</b>: 3 years</p>
	<p><b>LED Downlights</b></p>	<p><b>Diameter (mm)</b> : 60-70 - 200-210  <b>Power rating</b>: 10W - 35W  <b>Colours</b>: warm white, normal white, cool white, daylight  <b>Certified</b>: CE, SAA, RoHS, TüV  <b>Warranty</b>: 3 years</p>
	<p><b>LED Corn Lights</b></p>	<p><b>Size (mm)</b> : Ø40, H 125 - Ø120, H 365  <b>Power rating</b>: 27W- 120W  <b>Colours</b>: warm white, normal white, cool white, daylight  <b>Certified</b>: CE, SAA, RoHS, TüV  <b>Warranty</b>: 5 years</p>
	<p><b>LED High Bays</b></p>	<p><b>LED Type</b> : Nicha LED  <b>Power rating</b>: 100W, 120W, 150W, 200W  <b>Colours</b>: warm white, cool white, daylight CRI  <b>Certified</b>: CE, SAA, RoHS, TüV  <b>Warranty</b>: 5 years</p>

# POWER SAVING REPLACEMENTS

ELWA LED CORN LIGHTS UPGRADE CHART					
					
ELWA LED Corn Bulbs	High Pressure Sodium	Metal Halide Lamps	High Intensity Discharge	Compact Fluorescent Lamp	Incandescent Lamp
8W	30W	30W	30W	25W	80W
10W	40W	40W	40W	35W	100W
14W	50W	50W	50W	45W	150W
18W	60W	60W	60W	55W	200W
22W	75W	75W	75W	60W	250W
27W	90W	90W	90W	100W	270W
36W	120W	120W	120W	120W	360W
45W	120W	120W	120W	150W	450W
54W	200W	200W	200W	180W	540W
80W	300W	300W	300W	200W	800W
100W	350W	350W	350W	250W	1000W
120W	400W	400W	400W	300W	1200W

The chart above shows you how you can find easy and affordable replacement solutions for existing high power rated light sources. Savings such as this exist across our entire range.\*

ELWA can give you advice on what products to use to replace existing light sources and how to install the LED solutions.

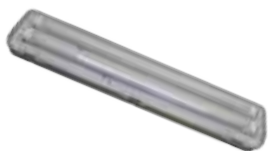
\*You can replace a 36W fluorescent tube + 6W ballast=42Watt with an ELWA LED 12W tube, saving 30Watts per tube

You can save  
70% on  
power costs

## CALL US TODAY TO FIND OUT MORE ABOUT OUR EXTENSIVE RANGE OF LED LIGHTS



Canopy Lights



Batten Lights



Ceiling Lights



Billboard Lights



LED Tubes



LED Panels



Downlights



Corn Lights



Flood Lights



High Bays



Oyster Ceiling Lights



Pendant Lights



Troffers



Track Lights



Street Lights



Spotlights



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