



## SABRE LEDTUBES

Are the perfect solution for businesses looking to replace their fluorescent tubes with efficient, green and safe LED technology.

Our Sabre range:

- Uses 50% less electricity than fluorescent technology
- Lasts on average twice as long as fluorescent tubes
- Generates very little heat which reduces loads on air-conditioning, lessens fire risk and improves safety
- Do not require a starter or ballast – further reducing energy use and fixture weight
- Contains no harmful or toxic substances and are fully recyclable
- Does not emit UV radiation

Images: Sabre N



### APPLICATIONS

Our Sabre range of tubes contains a variety of products perfect for any application where fluorescent tubes are currently used. Available in a variety of connections, lengths, and colour temperatures they are designed to seamlessly retrofit into existing standard fixtures. Ideal for general lighting in business and residential applications, we have a Sabre tube for any application.

### QUALITY

All luminaires from LED Light Works are stringently tested to meet several different certifications, which include CE (Conformitive Européenne), RoHS (Reduction of Hazardous Substances), and all our products carry the C-TICK, which denotes compliance to the Australian Communications and Media Authority standards on electromagnetic compatibility.

General characteristics are listed here. There are 70 different tubes over both ranges. Consult your local LED Light Works representative to determine which is best for your application.

SABRE N	Chip	Conn- ection	Dimmable	CCT (°Kelvin)*		Power	Output (lumens)	Voltage	Lifespan*	Beam Angle	Dimensions (mm)
Clear or riffle tubes	Nichia	T8	optional	Warm White	~3000	10W	890	110V AC- 240V AC	35,000 hrs	120°	590Lx30Ø
				Natural White	~4250	20W	1600				1196Lx30Ø
				Cool White	~5800	26W	1900				1498Lx30Ø
				Daylight	~6300						
SABRE EPS	Chip	Conn- ection	Dimmable	CCT (°Kelvin)*		CRI*	Output (flux)	Voltage	Lifespan*	Beam Angle	Dimensions (mm)
Clear or riffle tubes	Nichia	T8	optional	Warm White	~3000	18W	1600	110V AC- 240V AC	50,000 hrs	120°	1196Lx30Ø
				Natural White	~4250						
				Cool White	~5800						
				Daylight	~6300						
SABRE L	Chip	Conn- ection	Dimmable	CCT (°Kelvin)*		CRI*	Output (flux)	Voltage	Lifespan*	Beam Angle	Dimensions (mm)
Frosted tubes	LumenMax	T8	optional	Warm White	~3100	10W	890	110V AC- 240V AC	35,000 hrs	120°	590Lx26Ø
				Cool White	~5500						20W
						26W	1900				1498Lx26Ø

\* Typical values

Photometric reports are available for all products on request.

### NET EFFECT

Using LED technology can make a big difference to your bottom line and our environment.

If we consider a business or residence which has 100 36W fluorescent tubes, and runs them 12 hours a day 5 days a week. This consumer would SAVE the following by switching to 100 Sabre 18W tubes:

**Electricity per annum:** \$842.40 (at \$0.15 per kWh)

**Carbon Emissions per annum:** 3.54 tonnes  
(QLD Emission factor 0.63 kgCO<sub>2</sub> /kWh)

Importantly this business would also save:

1. 12 mg of highly toxic mercury per tube from entering the environment.
2. Recycling costs associated with properly disposal of fluorescent tubes.
3. Maintenance costs, as lifespan of LED tubes are double that of fluorescent tubes.



\* Sabre L frosted tubes



**To see how LED Light Works can give you the green light to save money and help the environment call us on 1300 200 321.**