



about us

Occupational Safety Services specialise in electrical testing and asset registering, as required by the AS/NZS 3760: 2010 standard for 'in service inspection and testing of electrical equipment' in the work place. We can assist business owners in their commitment to provide a safe and secure work area for all employees.

Established in 1996, Occupational Safety Services is a forerunner in adding companies, businesses, government departments and educational institutions around Australia in keeping up with the changing legislation in the workplace.

Occupational Safety Services customers range from office building environment, high security premises to the mining sector.

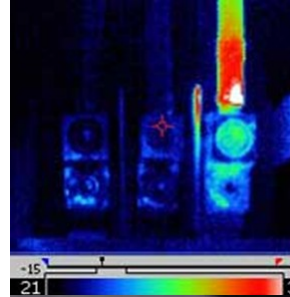
Occupational Safety Services utilises the latest testing technology and our specialised equipment includes specific settings for testing sensitive electronic devices such as IT equipment, test equipment, network systems etc.

we specialise in the following

- Electrical appliance testing
- Energy saving LED lights & installation
- Emergency exit light testing & maintenance
- Assessment management
- RCD testing- fixed & portable
- Electrical maintenance & contracting
- Thermography
- Microwave leakage testing
- Light testing
- Solar installations

We proudly service all areas and all of our work is completed to AS/NZS Standards.

- AS/NZS 3760: 2010
- AS/NZS 2293.2
- AS/NZS 1680
- AS/NZS 60335
- AS/NZS 3350.2.25
- AS 5762: 2011



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electrical safety testing and tag

Occupational Safety Services specialises in electrical testing and asset registering, as required by the AS/NZS 3760 standard for in service safety inspection and testing of electrical equipment in the workplace.

- Physical Inspection
- Visual Inspections Include As per (AS 3760:2010)
- Insulation Test
- Earth Bond Test
- Continuity Test
- Functionality Test
- Run / Leakage Test
- Polarity Wire Test
- Check for obvious external damage
- Check defects-accessories, plugs or socket outlets
- Check supply cords
- Appliance bar code identity (personalised, optional)

Occupational Safety Systems Asset Register and Test Certificates will include the following information:

All data collected, including location and test results is integrated into our database and OSS can present all data in an excel electronic format.

- Appliance bar code identity
- Description / serial number (if required)
- Location
- Inspection Test Date
- Next Inspection Test Date
- Results of Inspection / Test
- Repairs made
- Comments



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Occupational Safety Services Pty Ltd

specialists in electrical workplace safety

emergency and exit light testing and maintenance

Occupational Safety Services provide emergency evacuation lighting testing to conform to Australian standards AS2293.

the standards require regular periodical 6 monthly testing which includes:

- Revamping of expired tubes and lamps
- Adequate electrical supply
- Discharge tests
- Visual inspection
- Replacement of non compliant fitting and batteries
- Log / record of fitting details and test procedures

six - monthly procedures

- Visual check of all emergency and exit lights for mains operation.
- Check for operation of maintained exit lights.
- Where manual discharge test facility is present, operate test switch / circuit breaker to simulate a power failure.
- The emergency and exit lights shall remain illuminated for not less than 90 minutes.
- Restore the emergency and exit lights to normal charging condition.
- Check operation of all maintained exit lights and all charge indicators.
- Report any failures on test sheets and service repair reports.

twelve - monthly procedures

- Carry out all checks as per six-monthly procedures.
- Clean all emergency and exit lighting diffusers as required.
- Visual check to ensure that the emergency and exit lighting operates in correct relationship to the normal lighting in the designated areas.
- Remove diffuser
- Inspect lamp/tube. Should be replaced if ends are blacked
- Remove insects and dry the diffuser
- Record make/model/location/type of lamp
- Apply Barcode and next test date due label to the base of the unit
- At completion of testing, reset all circuit breakers and that all exit lights re-illuminate.



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residual current device (rCD) testing

Occupational Safety Services experienced electricians will perform both a 6 month "push button" test and 12 month "millisecond" test in accordance with Australian Standards to ensure that these devices are functioning within their design parameters and appropriate standards.

Regular testing of fixed and portable RCD's is required by a registered electrical contractor to ensure their operation should leakage to earth occur in the workplace. **This protects lives.**

The information from these tests shall be recorded and reported to you via a "on site" logbook and electronic 'soft' copy for OH&S auditing processes.



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thermography

Thermography is used as a proactive diagnostic tool, which allows the detection of developing faults, before they cause system failure or worse problems such as an electrical fire. Thermal imaging measures the radiant heat pattern which is emitted from electrical components in systems such as building power distribution or plant equipment.

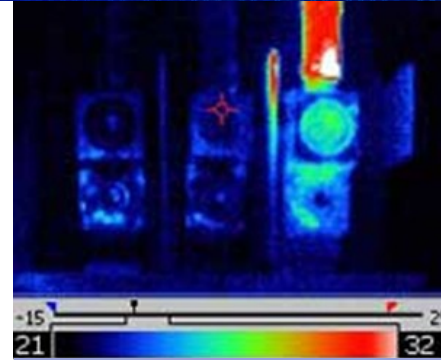
All work is carried out to AS/NZ Standards

benefits of thermography

- Reduce risk of blackouts and system failures
- Reduce risk of productivity downtime
- Increase safety of staff and customers
- Reduce risk of electrical fire

cost savings

- Replace only faulty components, rather than whole sections of a system
- Reduce unexpected maintenance costs
- Schedule proactive maintenance, rather than pay additional costs for emergency or unscheduled repairs.



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microwave leakage testing

Occupational Safety Services offer a Microwave Radiation Leakage Service to test your microwave oven and/or Industrial Dryers for leakage under the Australian Standard AS3350.2.25.

The energy produced by a microwave oven can also penetrate through living tissue which is why exposure is harmful to our health.

Once you turn off the oven, the microwaves disappear but until then, you may be exposing yourself to dangerous levels of radiation leakage.

- An Electrical Safety Test to ensure microwave ovens is compliant.
- A Physical Damage Inspection to ensure correct functioning and safety compliance to Australian Standards.
- A Power Output Inspection which measures the wattage of the oven to ensure that the electrical flow of the unit is operating at respectable levels as per Standard requirements.
- A Radiation Leakage Inspection involving the measurement of radiation levels around the oven with a microwave specific meter.
- Upon completion of testing, a certification label (indicating radiation and power levels) will be placed on the front of the oven.
- A certification tag and barcode tag will be placed on the power lead and a detailed inspection report will be provided.



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Occupational Safety Services Pty Ltd

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energy saving LED lights

Occupational Safety Services offer a solution in Energy Saving LED lights; we can install and supply your specific requirements to suit your needs and application. Our LED lights meet all required Australian Certification and Quality Standards.

LED's are available in Down lights, Fluorescent and High bay type light fittings.

benefits of LEDs

- You are going to save on your energy bills! From 60%-90% SAVING!!
- Long life – LED lights can last from 50,000 plus hours. Incandescent light bulbs typically last around 1,000 hours
- Energy efficiency – LEDs are ideal for use in applications that are subject to frequent on-off cycling, unlike fluorescent lamps that burn out more quickly when cycled frequently
- Durability – LED lights have no fragile filament to contend with, and no fragile tube. They are resistant to heat, cold, and shock.
- LEDs light up instantly and do not need a warm up period.
- Reduce carbon emissions, which helps the environment.

LED technology can be used in the following applications

- Residential premises
- Outdoor area lighting
- Workshop area
- Warehouse environment
- Retail premises
- Showroom and Display lighting
- High rise office buildings
- Commercial premise
- Laboratory applications



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OCCUPATIONAL SAFETY SERVICES PTY LTD

Down Light Kit 3 Watt

features

- Plug and Play
- Average life of 30,000 hrs
- AC 85V/265V
- Viewing Angle: 60°
- Dimmable Version Available
- Protection Degree: IP20
- Size: Ø 86 x 71 mm
- Hole cut: Ø 76mm



specifications

Product Code	Item Description	Colour	Power Watt	Colour Temperature	Lumen
OSS DL3ND - CW	Down light kit 3 watt 76mm White Non dimmable	Cool White	3	6000– 7000K	330Lm
OSS DL3ND - WW	Down light kit 3 watt 76mm White Non dimmable	Warm White	3	2700-3300K	300Lm
OSS DL3D - CW	Down light kit 3 watt 76mm White dimmable	Cool White	3	6000K– 7000K	330Lm
OSS DL3D - WW	Down light kit 3 watt 76mm White dimmable	Warm White	3	6000-7000K	300Lm

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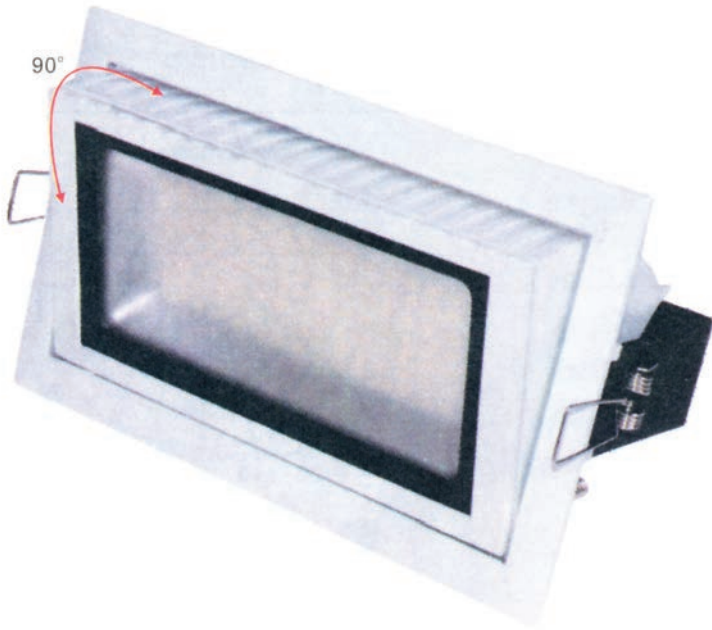
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OCCUPATIONAL SAFETY SERVICES PTY LTD

LED Lighting

Retail stores | showroom displays
applications

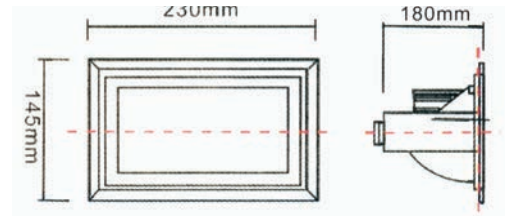


Energy Saving
from \$1500 per year*
*subject to site survey

features

- Average Lifespan of 50,000 hours
- 3 year warranty
- Available in 28W and 38W
- Viewing angle 60°
- Current of 700 mA

specifications



- PRI**
- POWER**
- LED CURENT**
- LUMENS**
- LIFESPAN**
- LIGHTSOURCE**
- LED TYPE**
- COLOUR TEMPERATURE**
- BEAM ANGLES**
- WORK TEMPERATURE**

OSS28DN- Shop Fitter
220V - 240V 50Hz/60Hz
28W
700mA
1780lm
50,000 hours
84PCS 3528MD LED
Nichia
5500K
60°
-20°C to 40°C

OSS38DN- Shop Fitter
220V - 240V 50Hz/60Hz
38W
700mA
2100lm
50,000 hours
70PCS 5630SMD LED
Nichia
5500K
60°
-20°C to 40°C

WARNING

Installing a tube can only be done by a skilled and licensed electrician. Make sure the ballast and starter are completely disconnected from the circuit. Connect an active on one side and a neutral on the other

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OCCUPATIONAL SAFETY SERVICES PTY LTD

LED Lighting

offices | retail | commercial applications



LED Tubes vs Fluro Tubes: Running Costs

50 x 40w Fluro Tubes x 20 hours per day = 40Kw per day

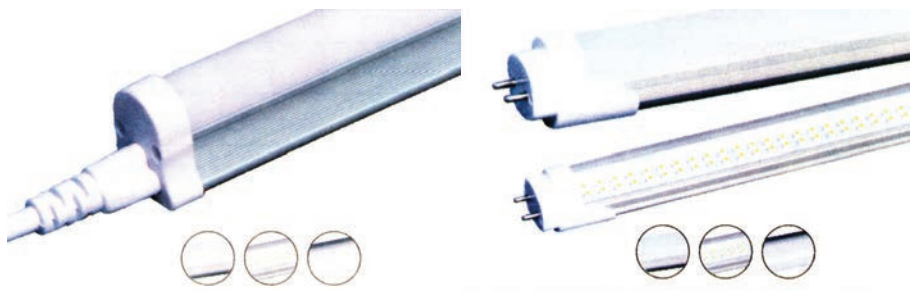
cost 40Kw @ .25c = \$10.00 per day

50 x 18w LED tubes x 20 hours per day = 18Kw per day

cost 18Kw @ .25c = \$4.50 per day

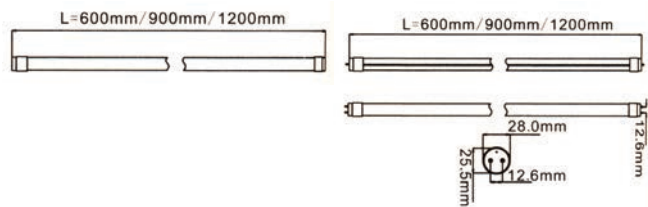
saving of

\$5.50 per day



features

- Average Lifespan of 50,000 hours
- 3 year warranty
- Available in 10W, 12W, 15W and 18W
- Viewing angle 140°
- 18W or 36W available
- T8 or T5



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OCCUPATIONAL SAFETY SERVICES PTY LTD

LED LIGHTING

offices | retail | commercial
applications



LED vs Halogen: Running Costs

40 x 50w halogen down lights x 14 hours per day = 20Kw per day

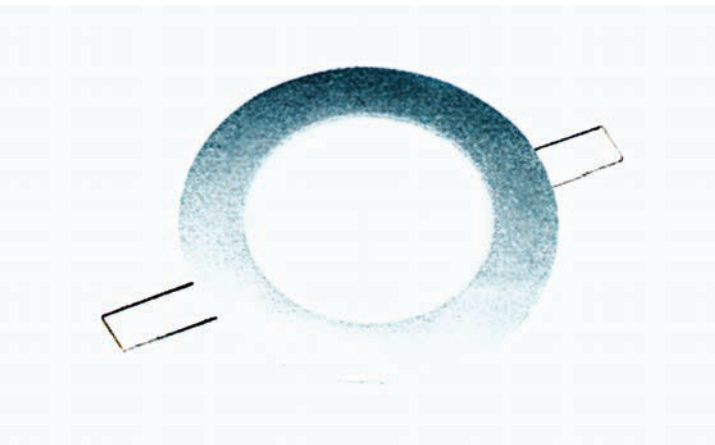
cost 28Kw @ .25c = \$7.00 per day

50 x 12w LED down lights x 14 hours per day = 6.72Kw per day

cost 6.72Kw @ .25c = \$1.68 per day

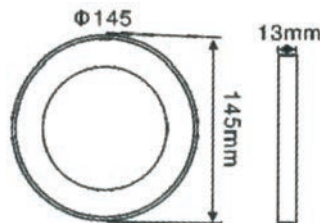
saving of

\$5.32 per day



features

- Viewing angle 120°
- Average Lifespan of 50,000 hours
- 3 year warranty
- Current from 280mA
- Available in 12w



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OCCUPATIONAL SAFETY SERVICES PTY LTD

LED LIGHTING

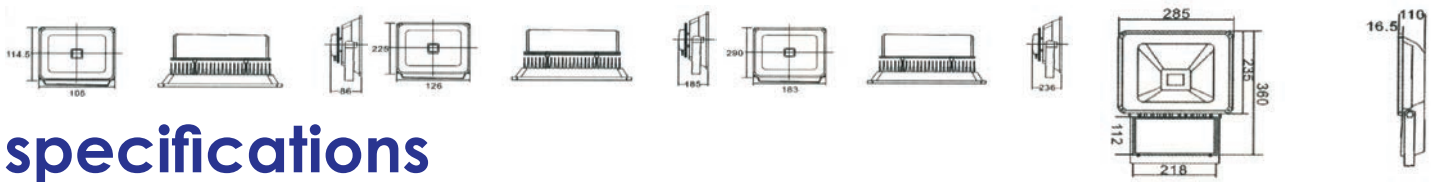
outdoor | warehouse | residential | commercial applications



Energy Saving
from \$1500 per year*
*subject to site survey

features

- Average Lifespan of 50,000 hours
- 3 year warranty
- Available in 20W to 80W
- Comes in a range of sizes



specifications

Model No	Watts	LED Qty	Voltage	Colour Temperature	Luminous Efficiency	Working Temperature	Working Life-span	size (mm)	Finish Colour
OSS10FL05	20W	1	AC85-265V	2700K-7000K	60-90lm/w	-40 °C ~ +55 °C	50 000Hrs	114.5 x 86 x 105	Silver/ White/ Black
OSS30FL06	30W	1	AC85-265V	2700K-7000K	60-90lm/w	-40 °C ~ +55 °C	50 000Hrs	225 x 185 x 126	Silver/ White/ Black
OSS50FL07	50W	1	AC85-265V	2700K-7000K	60-90lm/w	-40 °C ~ +55 °C	50 000Hrs	290 x 236 x 183	Silver/ White/ Black
OSS60FL08	60W	1	AC85-265V	2700K-7000K	60-90lm/w	-40 °C ~ +55 °C	50 000Hrs	285 x 110 x 360	Silver/ White/ Black
OSS70FL08	70W	1	AC85-265V	2700K-7000K	60-90lm/w	-40 °C ~ +55 °C	50 000Hrs	285 x 110 x 360	Silver/ White/ Black
OSS80FL08	80W	1	AC85-265V	2700K-7000K	60-90lm/w	-40 °C ~ +55 °C	50 000Hrs	285 x 110 x 360	Silver/ White/ Black

*Other wattage Available

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OCCUPATIONAL SAFETY SERVICES PTY LTD

LED LIGHTING

workshop | warehouse applications

Hi-Bay Sodium vs Hi-Bay LEDs: Running Costs

28 x 400w HP Sodium Bulbs x 20 hours per day = 224Kw per day

cost 224Kw @ .25c = \$56.00 per day

28 x 100w LED high bay x 20 hours per day = 56Kw per day

cost 56Kw @ .25c = \$14 per day

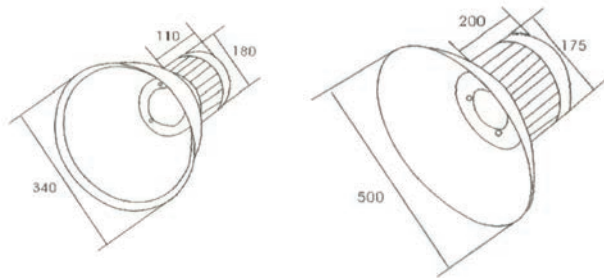
saving of

\$42 per day



features

- Average Lifespan of 50,000 hours
- 3 year warranty
- Available in 50W and 100W
- AC90 / 264V
- 45°, 90° and 120° Viewing Angles



specifications

Model no	Voltage	Power	LED QTY	Luminous Flux	Beam Angle	Colour Temperature	CRI	Operating Temperature
OSS50HB07	AC90-264V	50W	50PCS	3000lm	45° 90° 120°	3000K - 7000K	≥70	-30°C to 50°C
OSS100HB08	AC90-264V	100W	80PCS	6000lm	45° 90° 120°	3000K - 7000K	≥70	-30°C to 50°C

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