

# ALEXANDRIA MONTESSORI LED LIGHTING



## GENERAL INFORMATION

**Address:** 2/160 Bourke Rd, Alexandria NSW 2015

**Type of Facility:** Childcare

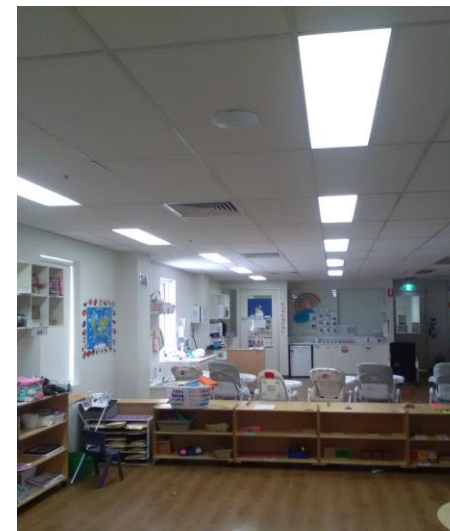
**Number of lights:** 96 fittings, 8.8kW lighting load

## EXISTING LIGHTING

- Lighting is a major energy consumer at the childcare facility
- Existing inefficient linear fluorescent lighting expensive to operate
- Sections of the childcare facility suffered from electrical capacity issues caused by high lighting loads

## OUR SOLUTION

- Replaced all existing fittings with high efficiency LED bulbs
- Reduced Montessori's lighting Load by 58%
- Solved Alexandria Montessori's electrical capacity issues
- Improved sites lux levels, eliminated dark spots and reduced on-going maintenance costs



BEFORE

AFTER

			
Estimated Annual Savings	Project CO2e Reduction Equivalent	Payback Period	Annual Electricity Consumption Reduction
<b>\$3,720</b>	<b>380 Trees</b>	<b>1.9 Years</b>	<b>243 MWh</b>