



LIGHTING
EFFICIENCY
UPGRADES

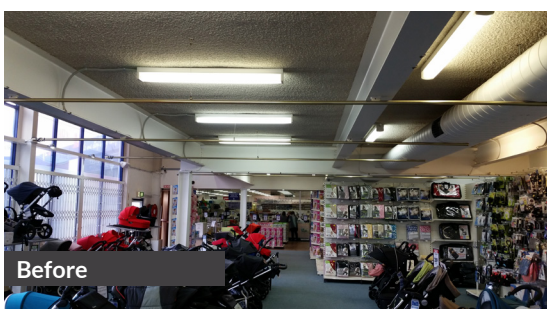
Retail Lighting Upgrade

Baby Bunting

In upgrading to LED fittings, Baby Bunting has significantly increased the quality of the internal and external store lighting whilst reducing operating and maintenance costs.



Continually improving
your lighting experience



Opportunity

Established in Melbourne as a family-owned business more than 30 years ago, Baby Bunting is Australia's largest nursery retailer and one-stop-baby shop. There are 42 stores spread across VIC, NSW, SA, QLD & WA. The older stores require an overhaul in general lighting quality while also reducing operating costs.

Solution

Aglo Systems is currently in the process of systematically upgrading many of the Baby Bunting stores across Australia. At the time of writing, sixteen stores have been upgraded, internally, externally or completely.

Every site was carefully assessed with light calculations and measurements for a proposal of the best method to upgrade old, dim fittings with more economical and energy efficient LEDs. For each site Aglo created a lighting design which would significantly improve the light levels, reduce lighting energy consumption and achieve the maximum Government rebate. In the design brief, Baby Bunting required a minimum average of 700 Lux instore. Prior to the upgrade, levels averaged 334 Lux. They now read at an average of 743 Lux.

Throughout the various sites, a range of outdated twin fluorescent tubes and metal halide shoplighter, highbay and floodlight fittings were upgraded to various types LED.

Benefit

Results vary for each store depending on floor plan and type of fittings replaced. Maintenance costs and electricity usage have significantly decreased due to the long lifespan of energy efficient LED product. For stores in Victoria and NSW where the VEET and IPART schemes (respectively) provide rebates for energy saving lighting upgrades, Baby Bunting has received substantial upfront discounts on the fitting costs.

Products Used



Lumo



Hubble



Fuji



Galaxy



Staten



Sirius

Summary of Results from Narre Warren store

