



THE PROJECT

- Business Name: Planet Press
- Business Type: Design and print manufacturer
- Business Location: Condell Park, NSW, Australia
- Installation Areas:
 - Reception
 - Production
 - Board room
 - Printing
 - Binding room
 - Loading dock

Planet Press is a respected and established print manufacturer with a conscientious environmental policy. The company makes a concerted effort to monitor and implement the most energy-efficient technologies available. When Planet Press embarked on a lighting upgrade in 2013, the company sought high-efficiency lighting products in keeping with its environmental values.

THE REQUIREMENTS

Achieving adequate lighting levels and generating energy savings were very important to Planet Press. Under fluorescent lighting, many of the work areas surrounding machines were underlit. There was inconsistent lighting across the site. The new lighting package needed to maintain or increase lux levels, provide a consistent look and feel and support the client's environmental initiatives.

THE PRODUCTS

The comprehensive lighting retrofit resulted in the replacement of 36-watt fluorescent tube lights, eight-watt CFLs and 400-watt metal halide lamps with Seesmart LED products. Just 460 of Seesmart's 15-watt LED tube lights managed to do the work of 743 fluorescent tube lights — fluorescent tube lights which required over twice as much energy as their LED counterparts.



Seesmart LED Household Lamp

SKU: **140048**
 Lamp Style: **A55 globe**
 Wattage: **8 watts**
 Lumen Output: **480 lumens**
 Color Temperature: **5500-6000 K**
 Working Voltage: **120-240 VAC**
 Lens Reflector Style: **Frosted**
 Warranty: **3 years**



Seesmart Standard Performance LED Tube Light

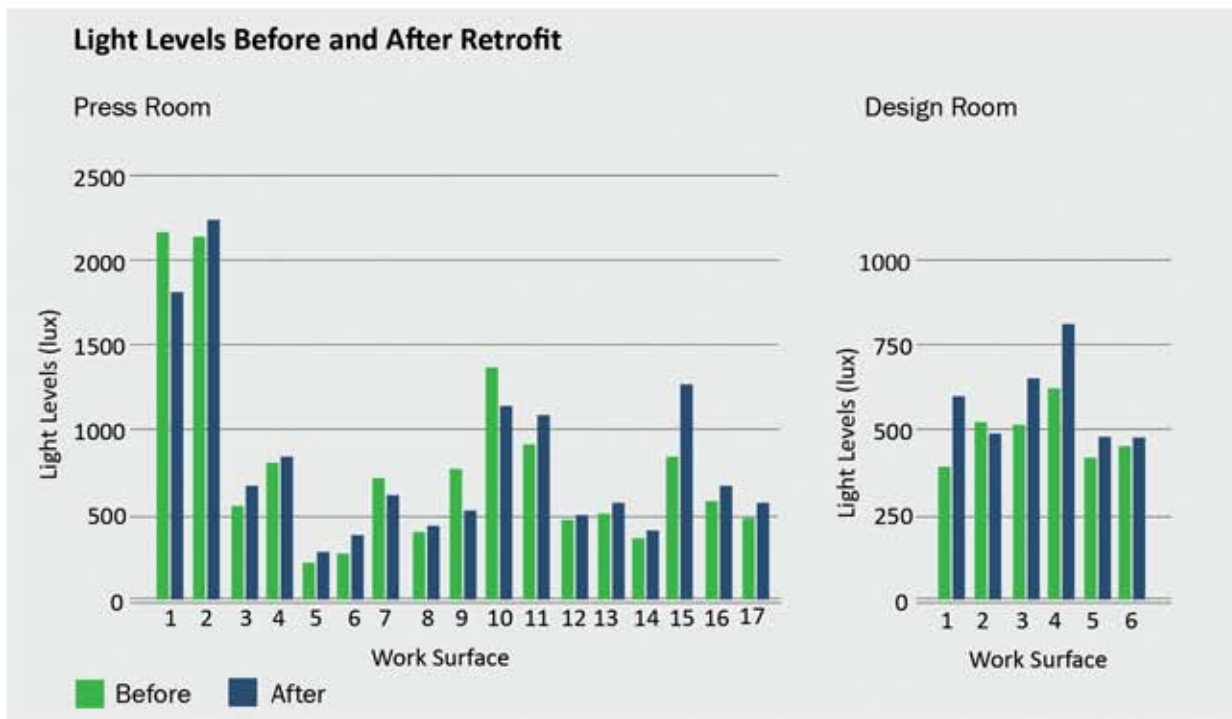
SKU: **200732**
 Lamp Style: **4' tube light**
 Wattage: **15 watts**
 Lumen Output: **1810 lumens**
 Color Temperature: **4000-4500 K**
 Working Voltage: **120-277 VAC**
 Lens Reflector Style: **Clear**
 Warranty: **5 years**

THE RESULTS

- Traditional lighting products removed: **766**
- Seesmart products installed: **475**
- Estimated ROI: **16.1 months** without rebate, **10.1 months** with rebate
- Total estimated savings: **\$34,979.94** Australian dollars (AUD)
- CO₂ emissions reduction: **156,849 lbs/yr**
- Installation perks:
 - Significant reduction in annual energy usage
 - Increased lux levels in manufacturing and production areas
 - Improved look and feel
 - Reduced maintenance

Seesmart's highly efficient LED lighting products were a great fit for Planet Press. Planet Press achieved tremendous energy savings and simultaneously improved the look and feel of the facility. The Seesmart products proved so much brighter than the fluorescent lamps that Planet Press was able to significantly delamp. Even after delamping, lux levels held steady and even improved in manufacturing and production areas.

The efficiency of the Seesmart tube lamps should save Planet Press \$31,370.23 AUD per year in energy costs. Planet Press should save another \$3,609.71 AUD annually in reduced maintenance and HVAC load. The newly-installed LED products should pay for themselves in energy and maintenance savings in just over 16 months. With a utility rebate factored in, the retrofit will pay for itself in just over 10 months.



CASE STUDY

SEESMART CUSTOMER: PLANET PRESS

