

Case study: HB Fuller



Energy: LED



Industry: Industrial

Results

| | |
|---------------------------------|---------------------|
| Energy savings | 72% reduction |
| Payback period | 35 months |
| Annual lighting energy saving | 35,379 kWh |
| First year return on investment | 34% |
| Greenhouse gas reduction | 46 tonnes per annum |
| Total 10 year saving | \$48,161 |

Energy efficient products used

| Product | Quantity |
|------------------------------|----------|
| Shine On H-Track LED Highbay | 44 |

HB Fuller is a global industrial adhesives provider with a range of adhesives, sealants and fillers.

Background

HB Fuller looked at upgrading their Dandenong factory to LED to save energy and improve the lighting levels in their production area. Shine On was selected to upgrade the site following a lighting trial and the impressive lux levels it could achieve. HB Fuller were also keen on using a reputable provider who would continue to be around during the extensive warranty period.

The project

Following the lighting trial, we completed a one-for-one retrofit of their old inefficient 400 watt metal halides to the 120 watt Shine On H-Track LED Highbay. The linear H-Track was selected so there was no wasted light over their production and racking areas and we could easily reach the lux levels required with a significantly lower wattage.

Results

Following installation of 44 lights, the site will save 72% on its lighting consumption and deliver 10 year savings of \$48,161. The light levels also significantly increased, resulting in a better working environment for staff.

HB Fuller were so happy with the results we are soon to upgrade a further two sites for them.

"I think that Shine On did a good job because we got good value out of the money. The government rebate is a great offer and it makes getting the new lights put in less of a hassle for us. The installation team came out here pretty quickly and looked after the place by making sure there was no mess left once they were done. It was all very easy to organise too, so I'd definitely consider contracting Shine On again in the future."

Ravi Ramamurthi
Property Manager, HB Fuller

Energy savings (kWh)

