

Dayco LED Upgrade

LED LIGHTING CHANGEOVER



Before



After

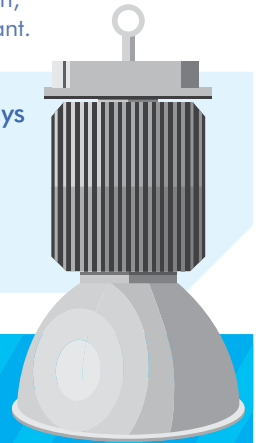
Dayco is a global leader in research, design, manufacturing and distribution of essential engine products and drive systems for cars, trucks, construction and industry and constantly looks to optimise efficiency in its workplace environments.

Accessing a New South Wales Government energy saver initiative scheme, Dayco undertook an upgrade of existing Metal Halide Highbays to new Haneco Skypad 150W Light Emitting Diode (LED) Highbays at their automotive plant in Wagga Wagga, NSW. The impact on operations was immediate, reducing hefty maintenance costs and lowering energy consumption for the manufacturing site.

Contractors GPE Electrical won the project and worked with the Middy's TechEnergy Team from the Wodonga Branch to provide specification for replacement of the 400W Metal Halides with fitment of 85 x new Haneco Skypad 150W LED Highbays throughout the plant's working area. The Haneco Skypad 150W LED Highbays consume 28.7 MWh, a huge improvement over the old Halide Highbays which consumed 86.6 MWh, resulting in an annual energy saving of 66% for the Wagga Wagga plant.

THE INSTALL

- ▶ LED upgrade to existing 85 x 400W Metal Halide Highbays
- ▶ Almost \$200,000 in energy cost savings over 10 years
- ▶ Secure 5 Year Warranty for LED Highbays installed
- ▶ Annual energy savings of 66%




85 x 150W LED HIGHBAYS

LOWER CONSUMPTION

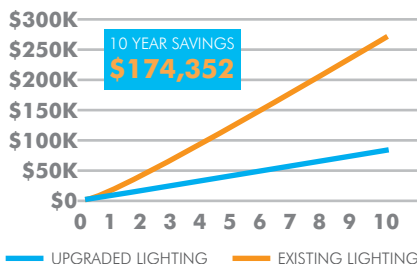
86.6 MWh **▶** 28.7 MWh

66%
ENERGY SAVINGS

INCREASED BRIGHTNESS

	OLD 400W HALIDE HIGHBAY	▶	NEW 150W LED HIGHBAY
	14,000 LUMENS		18,000 LUMENS

ENERGY COST SAVINGS OVER 10 YRS



The immediate thing I noticed with the LED Upgrade, was how much better the light was for each working area. The staff also like that each High Bay delivers instant light with no warm up time. From a Maintenance Manager perspective I am also pleased with the reduction in lighting maintenance and the 5 yr warranty.

Allan Livingstone Maintenance Manager - Dayco

