



# CASE STUDY

## Healthcare Logistics



Number of lights  
**725**



Annual energy savings  
**320,241 kWh**



Annual cost savings  
**\$63,445**



Annual CO2 reduction  
**30 tonnes**



Payback period  
**2.7 years**



10 year savings  
**\$617,588**

Healthcare Logistics has been a trusted 3PL and 4PL healthcare distribution provider for over 20 years.

### Background

Healthcare Logistics operated two large distribution warehouses where the existing metal halide lighting frequently failed and required ongoing maintenance. Seeking a more reliable, energy-efficient solution, the team explored LED technology and were convinced to proceed after seeing the potential cost savings and operational benefits.

### The project

The lighting upgrade covered multiple areas within the sites. The open warehouse spaces had their aging metal halide highbays replaced with modern LED highbays equipped with built-in motion sensors, ensuring lights operate only when needed. Cold storage rooms were upgraded with IP65-rated sensed battens suitable for chilled environments, while office and meeting spaces were fitted with contemporary LED panels, also with integrated sensors.

The installation was completed over several weeks, using a mix of standard working hours and after-hours shifts to minimise disruption to daily operations.

### Results

The upgrade has delivered significant improvements across both sites. The warehouses now enjoy brighter, more consistent lighting and have eliminated previous maintenance challenges. Financially, the project is delivering annual savings of over \$60,000, which is projected to exceed \$600,000 over the next 10 years.

