

## Menzies Distribution High Bay Refit Solution

Weblight has undertaken extensive refit works for Menzies Distribution, a leading provider of distribution and media marketing services in the UK. Menzies was looking to reduce its energy expenditure, extend maintenance periods and improve the quality of lighting across its portfolio.

The original lighting scheme consisted of 250w and 400w high bay metal halide fixtures. These provide little lighting control and often cause an element of glare and poor colour rendering. Weblights solution was to replace these metal halide fittings with a 6 x 49w or 6 x 35w T5 luminaire on a one-for-one basis. By utilising a multi lamp product, should one lamp extinguish there is no noticeable effect on light levels. The new fixtures also provide a LOR of 90% compared to 60% for the metal halide fixtures. Relamp periods have now been extended from 36 months to 48 months reducing disruption and maintenance costs.

The operational load of the new fittings are much lower than that of the original installation and is expected to produce an annual saving of £127k per annum and a payback period of 2.1 years. This payback will be further enhanced with the addition of lighting controls.

