

Company: City Group, Glasgow

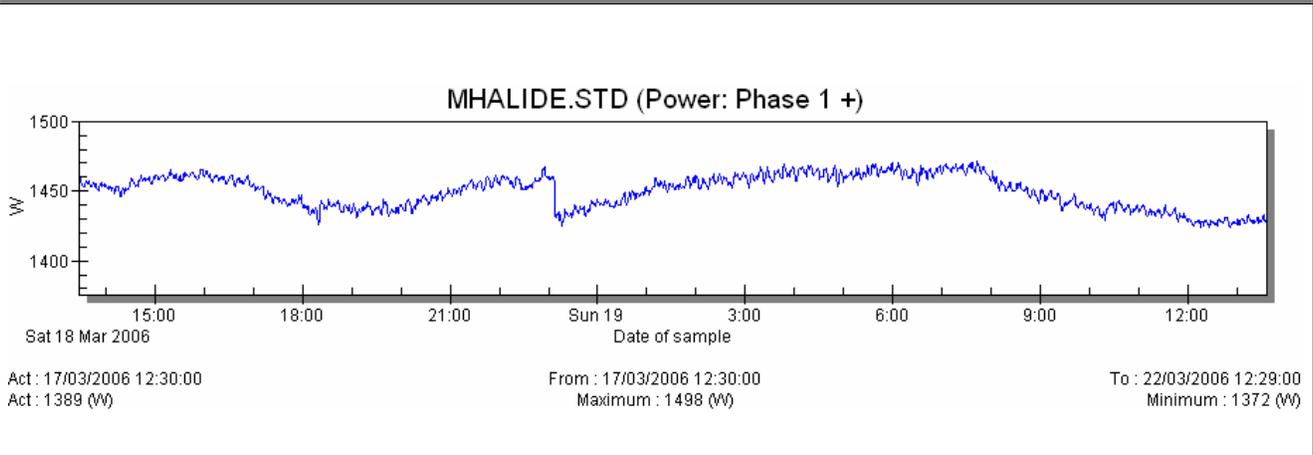
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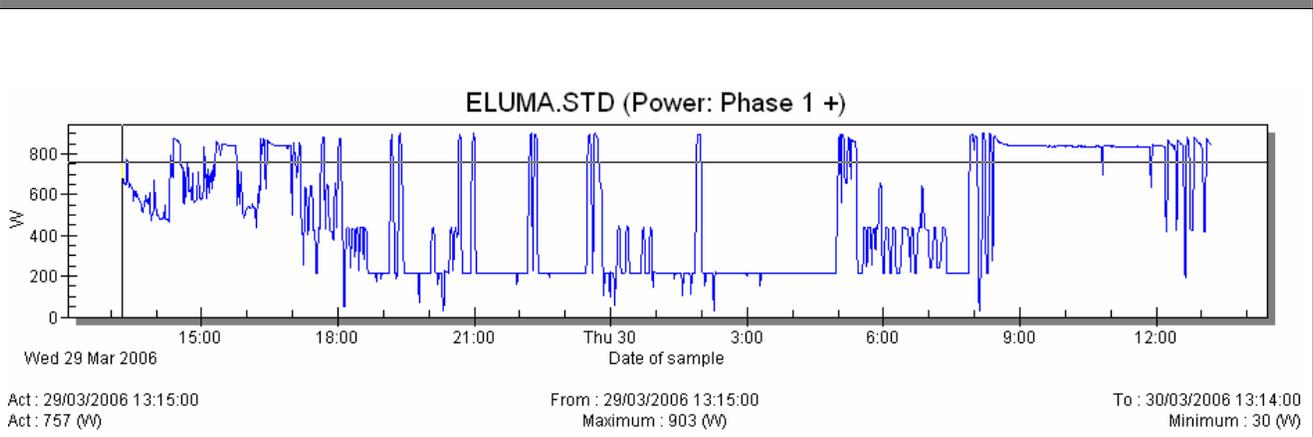
OUTLINE TEST SCENARIO

A comparative test was initiated to evaluate the performance of Powerboss Eluma Intelligent Lighting versus conventional high intensity discharge (HID) metal halide lighting within a warehouse environment over a 24 hour period. The kW consumption of 4 x Powerboss Eluma fittings were metered at City Group's warehouse at Rutherglen, Glasgow and compared the comparative kW usage of 4 x 400W metal halide fixtures.

TEST RESULTS – 4 x 400W METAL HALIDE



TEST RESULTS – 4 x POWERBOSS ELUMA

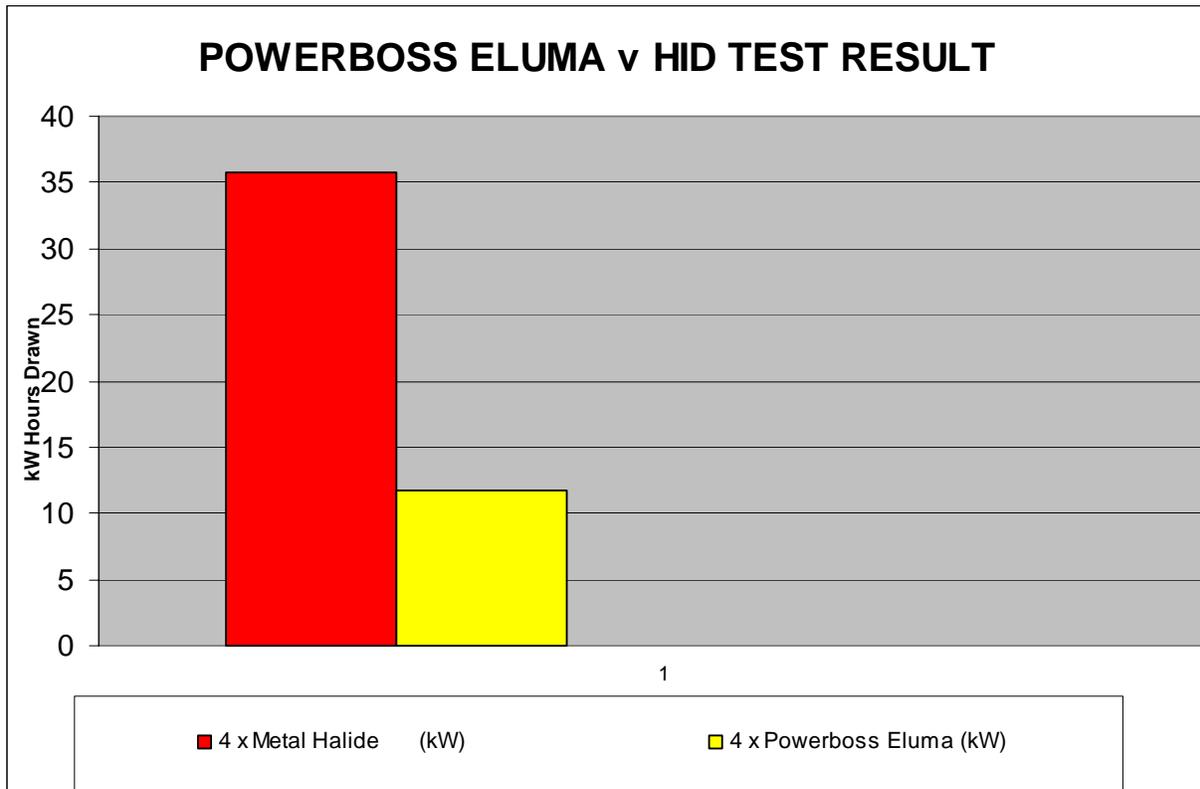


RESULTS AND SUMMARY

The test demonstrated total kW consumption during the 24 hour period as follows:

4 x Metal Halide 35.4kW
4 x Powerboss Eluma 11.7kW

These results which equate to a 67% saving in kW are displayed on the attached graph.



4 x Metal Halide (kW)	4 x Powerboss Eluma (kW)	% Savings
35.7	11.7	67%