

Case Study

[Go Air - Swansea]

Airis Energy Solutions UK



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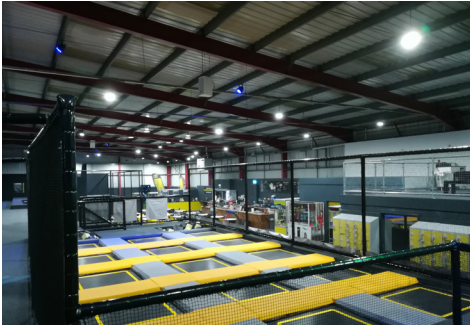
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Case Study: Go Air - Swansea



Background



Airis LED Solution

After a detailed survey and a dialux, our specialist install team decided to change the configuration of the new lighting. This gave the client even more savings and a much improved spread of light.

Building Data

Location: Swansea

Surface Area:

Business Model

Previous Situation

57 - 250W Son lights
14 - 150W External Flood lights

Annual cost: **£8238.62**

Airis LED Solution

47 - 100W Airis Highbay
13 - 100W Airis Floodlights

Annual cost: **£2547.30**

Saving: **£6191.32**

Actions Performed

- Feasibility evaluation visit.
- Measurement of lighting levels before and after installation.
- Dialux CAD design.
- Replacement of all fluorescent tubes by SmartLED AIRIS products with EXILIS technology.
- Final acceptance tests.
- Verification of the regulation system for the execution of up to three action of dredging in order to maximise energy efficiency, achieving an additional 30% saving on the electricity consumption, the levels of lighting required by regulations and the satisfaction of users of Go Air - Swansea.

70.85% SAVINGS GENERATED

Summary of benefits:

Airis designed, manufactured and installed a point for point LED upgrade which was conducted over night , without interrupting the day to day running of the business.

Throughout the site lux levels were raised by at least 50% while the energy consumed was reduced by nearly 70%



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