

## **GW Martin**

GW Martin are precision engineers, and with the necessity to be able to machine parts to the tiniest of toleranc es, a good lux level in the working environment was important.

Historically, lighting had been added as required at low level close to key machines. Standard fluorescent fittings left dangerous exposed tubes and also the natural oil mist which is found in CNC machining shops meant that fittings never lasted that long because the plastic became brittle.

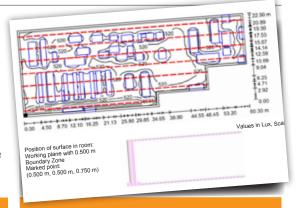


The existing plastic lighting was not only dangerous and expensive to run but was also prone to degradation from workshop oil mist.



Working closely with local LED supplier **GH lighting**, bespoke fittings were designed and manufactured.

Aluminium bodies with tempered glass lenses were chosen to be resilient to the oil mist and suit the harsh environment. Custom **28W LED** frosted tubes were used with drivers mounted remotely in the back of the luminaires to dissipate heat.



A full 3D simulation was generated using Dialux software to ensure lighting would be even across the factory regardless of where large machinery was placed.





In a market often associated with pushy sales people and poor customer care, our attention to detail and honest approach constantly reinforces our good reputation. If you would like more information on our lighting services or would like to book a free, no-obligation survey please get in touch.

E: info@empowerenergy.co.uk
T: 01202 821 000
empowerenergy.co.uk











