



## Who was the client:

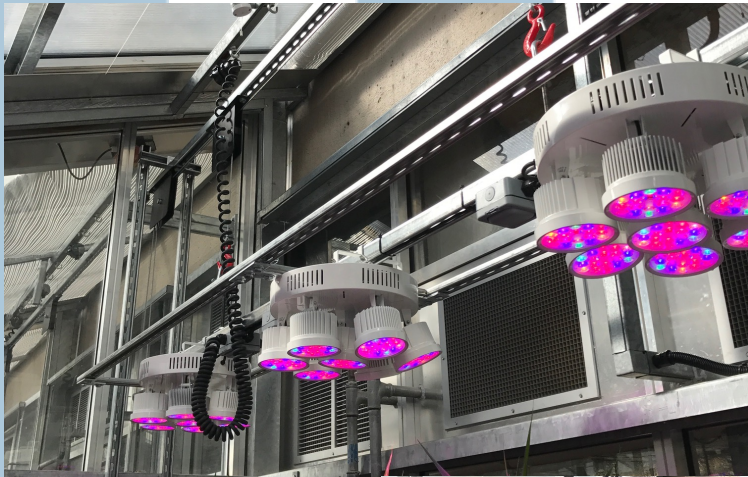
Leeds University. The University, established in 1904, is one of the largest higher education institutions in the UK and are renowned globally for the **quality** of their teaching and research.

## What were the clients needs and issues?

The university needed one of their greenhouse to be fitted with LED luminaires as part of a feasibility study into the performance of the **lighting system** and the impact on plant growth.

The study was positive and Leeds Uni required **SEVEN** of the remaining greenhouses to be converted with the **LED luminaires**.





## How did Remark help?

The project consisted of providing and installing 84 PhytoLux LED lights alongside 28 lighting racks units across the **seven** greenhouses.

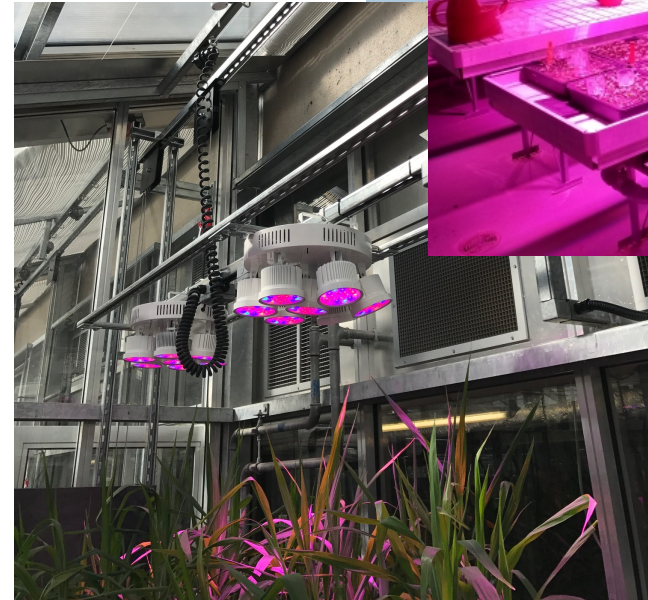
Leeds University required 3 of the 4 racks in each of the greenhouses to be adjustable in height so a single **pulley system** (rigs) was also installed while the 4th lighting array was fixed directly to the fabricated **Unistrut**.

The Remark Group ensured that our technicians work was carried out in a **safe, clean** and **professional** standard to reflect Remarks core principles and **values** for our client.

## Outcomes

90% of the rigs were **constructed** in the Remark Group's workshop prior to transportation to reduce downtime in the greenhouses which were in operation. Each of the greenhouses had to be completed prior to moving onto the next one to **minimising downtime** and **disruptions** for the university.

Once erected, the **luminaires** were connected to local switches via heavy duty **coiled flex**. All fixings and materials used had to be suitable for the various **environmental** conditions modelled in the greenhouses.





Remark can **design, supply** and install an **energy efficient** lighting system tailored to your premises. We also have years of experience of exterior commercial LED lighting and commercial outdoor security lighting.

Please get in touch with one of our **qualified** engineers who can discuss your specific lighting needs. Call **0800 597 5558** or visit our [contact us](#) page.