

# CASE STUDY



Langley Park  
School for  
Girls

**V-TAC**<sup>®</sup>  
INNOVATIVE LED LIGHTING

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## ABOUT THE CLIENT

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At Langley Park School for Girls, students experience the highest quality of teaching and achieve truly excellent results. LPGS is annually one of the highest attaining non selective schools in Bromley. Results are also impressive when compared nationally, sitting in the top 10% of similar schools.

Academic success is possible because the learning experience and the relationships forged enable our students to become confident young people who have the skills, attributes, and confidence to navigate higher education and beyond. That learning experience includes learning beyond the classroom in a wide variety of extra-curricular clubs, educational trips, and the responsibility of shaping their school through many varied student leadership opportunities.

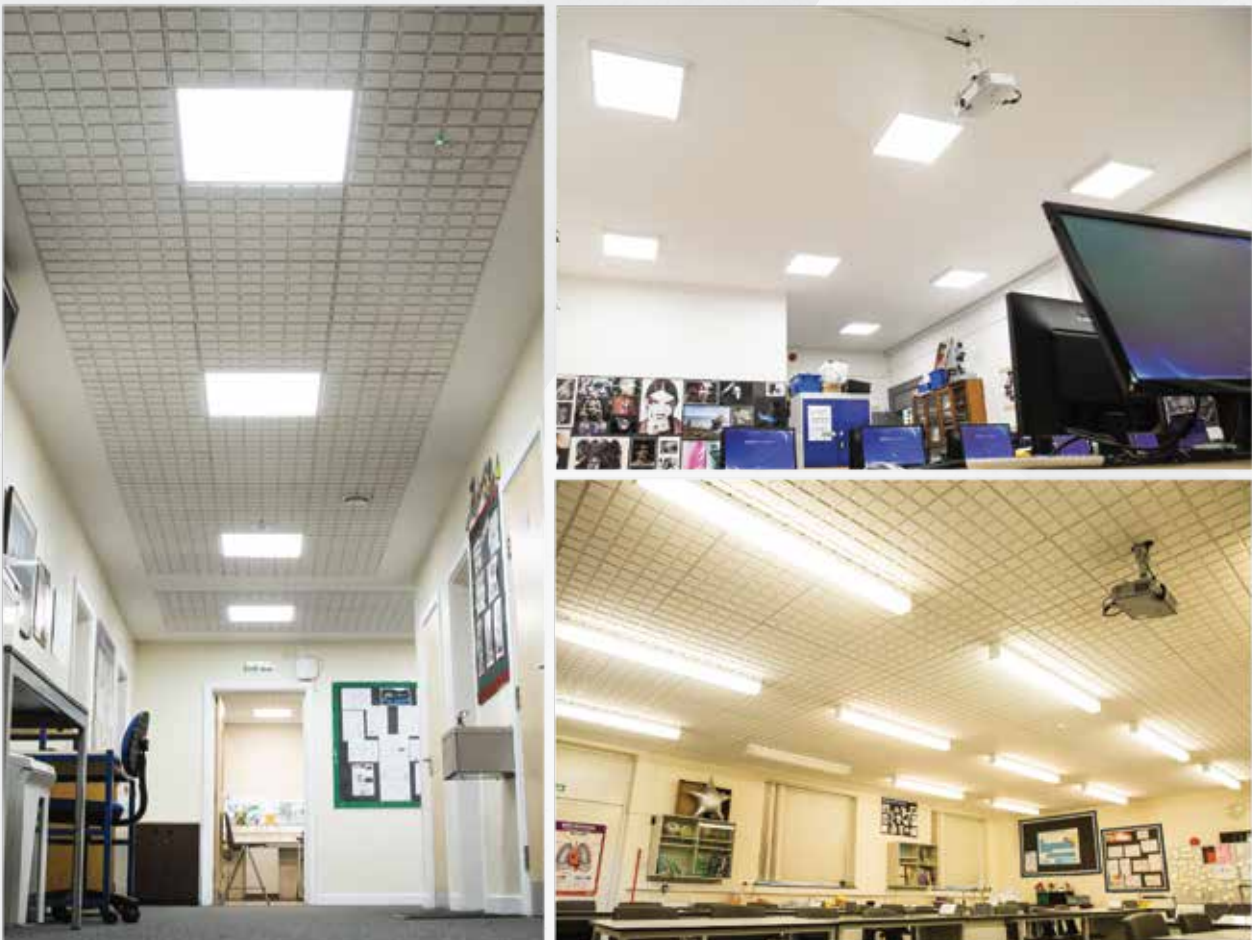


## THE BRIEF

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Langley Park School for Girls wanted to deliver consistency and maximise benefits across their site. The school wanted a phased approach to upgrading their lighting.

Reducing energy and maintenance costs, improving the light quality to the required standards which enhances the learning environment but also reducing the number of luminaires through design where possible. The completion of the lighting upgrade would also improve the schools environmental credentials by reducing their carbon footprint.



## THE SOLUTION

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**600x600 Panel** - The 600x600 Modular family of LED luminaires has become increasingly popular amongst educational establishments across the UK, combining versatility and aesthetic appeal with the premium performance, low-maintenance and efficiency of LED in a single affordable package.

With high-efficiency polycarbonate diffusers and edge-let LED, the 600x600 Modular extracts the most out of its high-quality LED PCB and provides the durability needed to withstand the rigours of a busy educational environment.

Using these Modular 600x600 panels and an in depth lighting design, we were able to cut the number of luminaires in most places, mainly the science block, drastically reducing the energy consumption while still maintaining an excellent level of quality light.



## WHY LED?

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Any professional in the industry will testify to the importance of lighting in giving their school a clean and modern impression. With the rapid technological advancements in LED technology, V-TAC Projects has developed a comprehensive range of future-proof products to cater for the diverse and changing requirements of lighting.

For the education sector, this means that V-TAC's LED range can offer flexibility and a superior light quality whilst cutting electrical bills by at least 60% compared with a typical installation of legacy light sources. The long-life and low maintenance benefits of LED sources also allow new systems to be more cost-effective and hassle-free in the long-term.

## FEATURED PRODUCTS

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### LED PANEL



29W

Model Number:	VT-6129
SKU:	6241
Beam Angle:	120°
Lumens:	3600 LM
Size:	60x60cm

## COLLABORATIONS

Client

**Langley Park School for Girls**

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Installation Engineers

**Lee Clarke, Alpha Security/Facilities**

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Supplier

**Stearn Electric London South**

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Lighting Manufacturer

**Luke Gibson , V-TAC Projects**

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Photographer

**Mitchell Brewster, Mitchell Brewster Media**

AN **EVOLUTION** IN LED LIGHTING

FOR PROFESSIONALS BY PROFESSIONALS

  
**INNOVATIVE LED LIGHTING**



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