



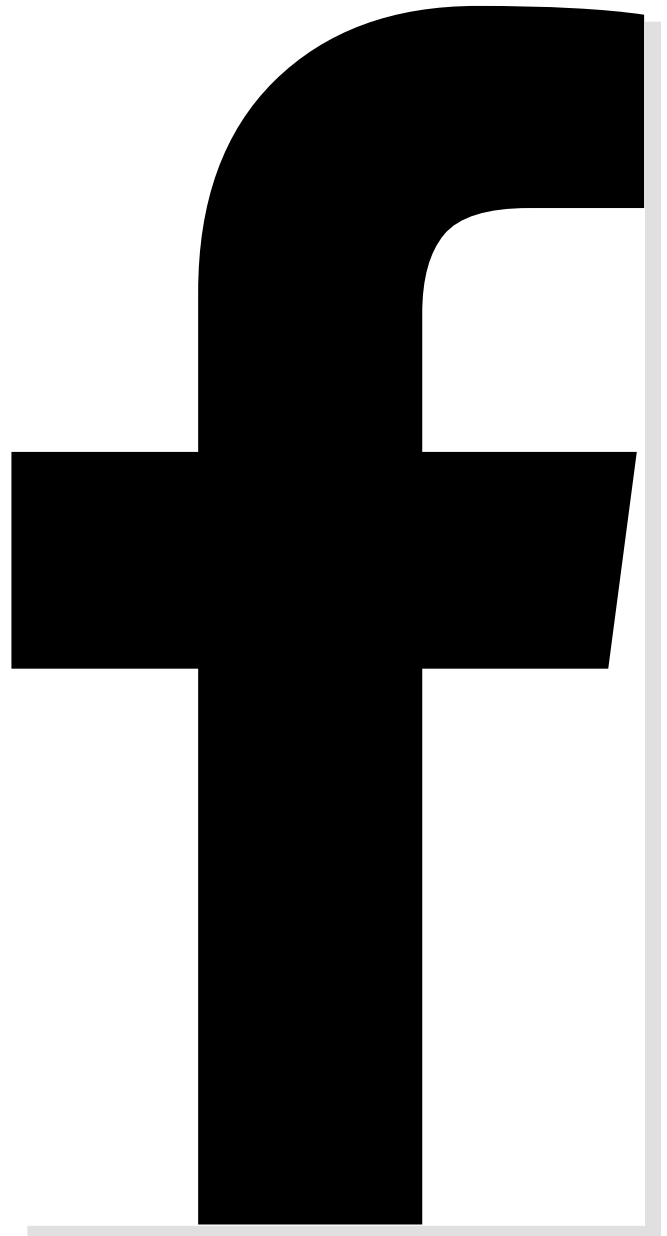
CASE STUDY

Port Regis School



Port Regis is a co-educational Prep and Boarding School in Dorset. The original school for boys was founded in London in 1881 before moving to its current home in Motcombe in 1947, becoming co-ed in 1976.

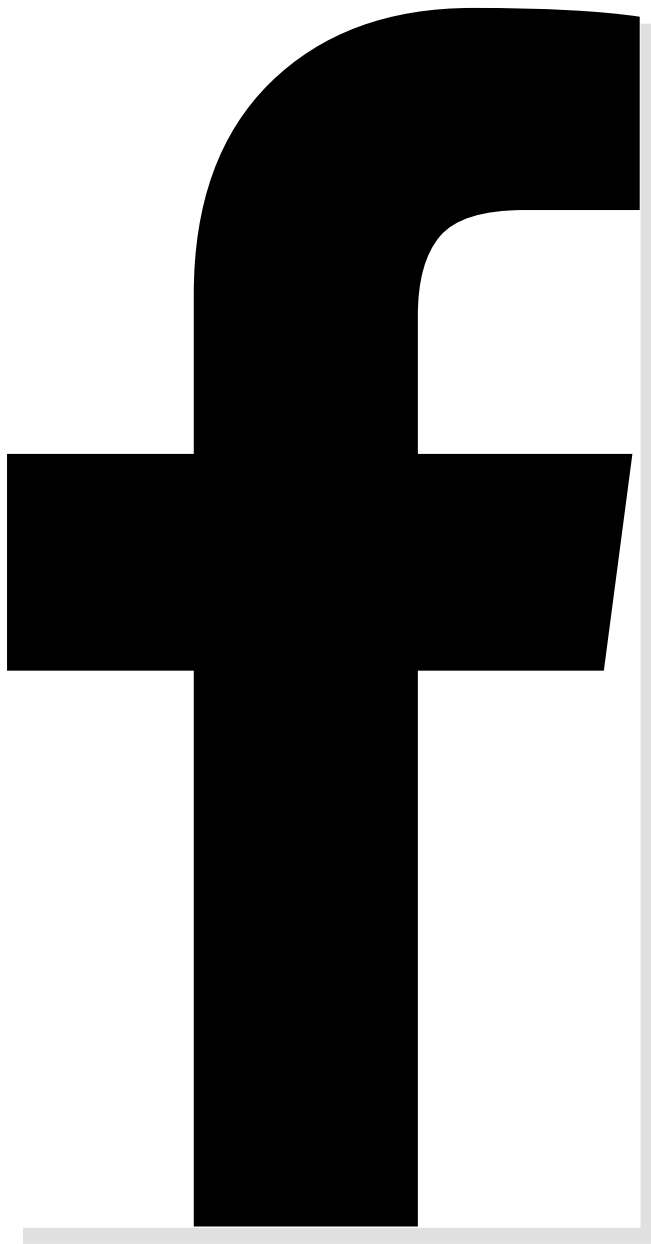
Port Regis is renowned for its exceptional staff and academic credentials, as well as its first-class facilities set within 150 acres of stunning grounds in rural Dorset. These facilities (which eclipse many senior schools) enable Port Regis to deliver 'an outstanding, holistic education that inspires the head, the hand and the heart', says the school.



Five years ago, Port Regis launched their 'Green Vision' with the aim of reducing gas and electricity consumption. Thanks to the installation of solar panels and the conversion to LED lights across the school site, as well as several other efficiency measures, the school has made significant progress in reducing its carbon footprint, as well as its energy costs. Since the launch of its Green Vision, the school has reduced its electricity usage by 47% and gas usage by 27%.

Dextra played its part in helping the school achieve this after it was asked to replace out of date lighting that was very expensive to run. This was a local project for the company, with the school situated less than four miles from Dextra's HQ.

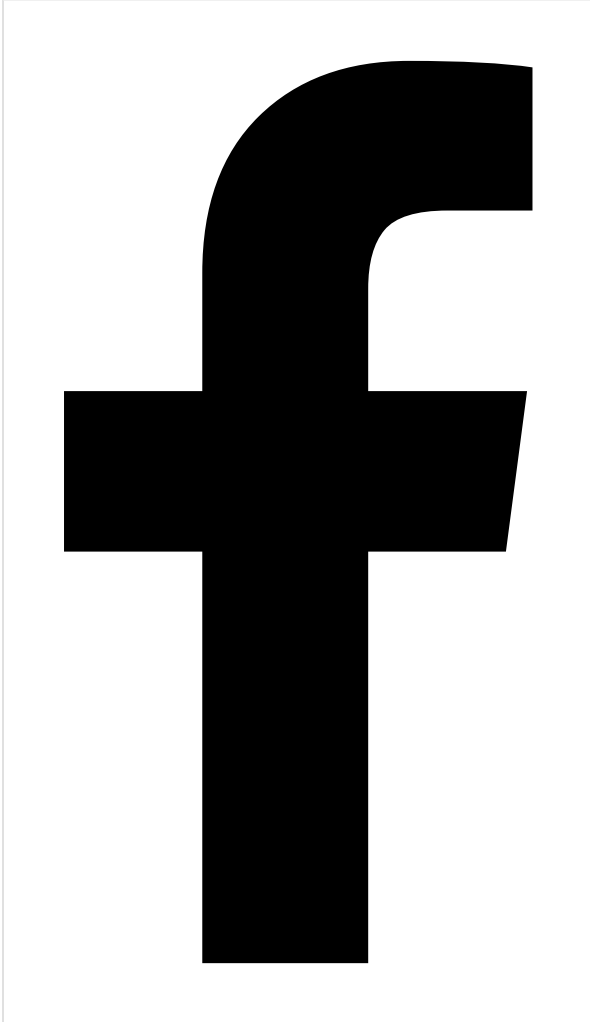
The existing fittings in the school were a mix of



fluorescents and very early generation LEDs. These were all replaced with new LED fittings, offering outstanding energy savings, hassle free maintenance and improved reliability. Three buildings now incorporate DALI, with team members at Port Regis undertaking controls training, making these buildings even more efficient and 'very smart buildings'. Dextra recycled the old fittings through its Dextraco division.

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THE PRODUCTS

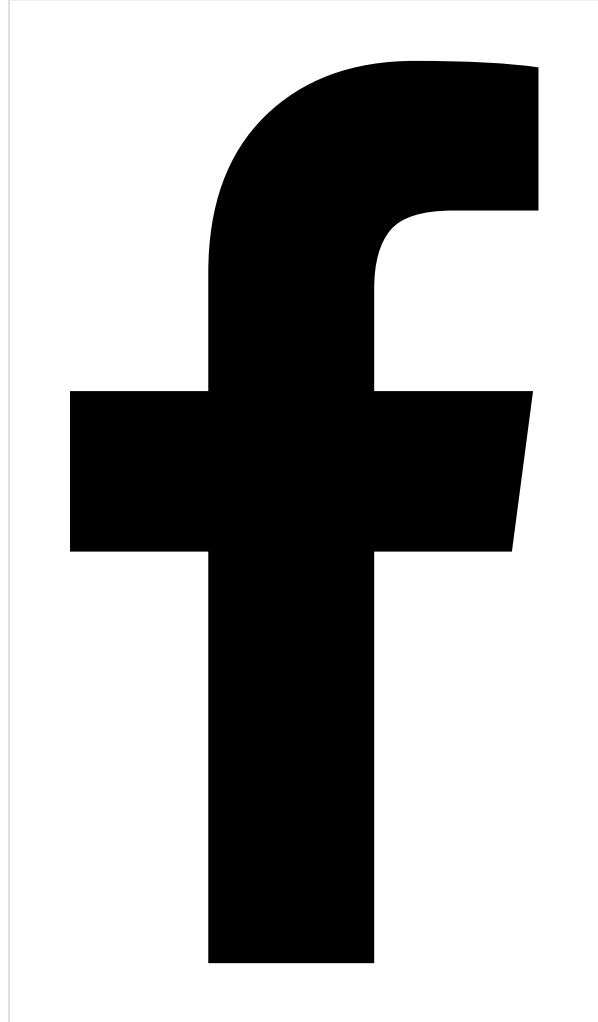


MOD EDGE UGR

The MOD Edge UGR compliments our recessed modular range with an edge lit modular luminaire with a housing depth of just 8.5mm.

A total of 439 were installed in the classroom and corridor areas.

[EXPLORE PRODUCT RANGE](#)

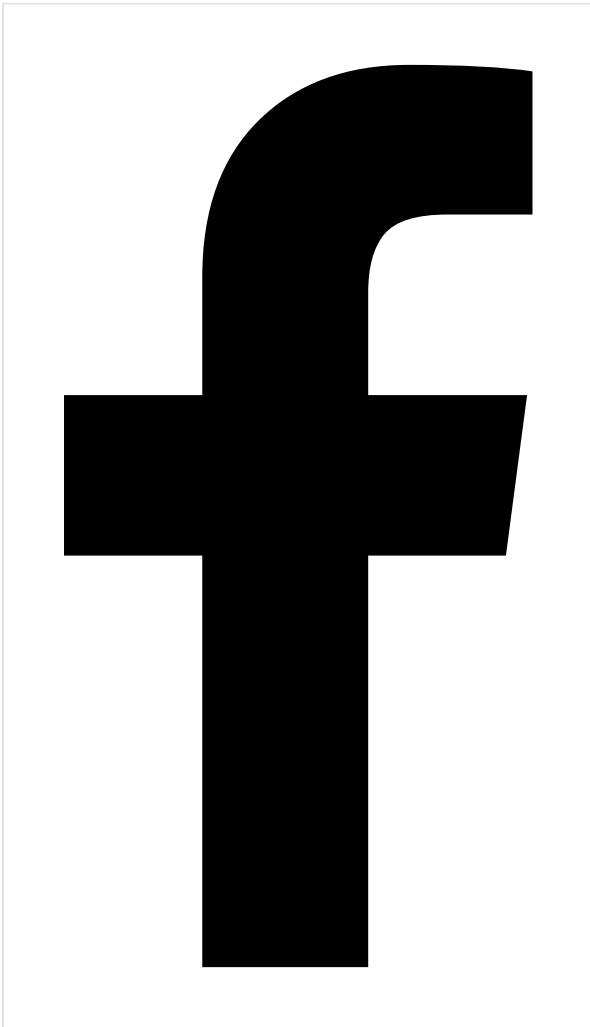


HALOBAY OPAL

The Halobay offers a highly efficient yet architecturally pleasing solution for medium to high level installations in a wide range of retail and commercial applications.

A total of 9 were installed in the Centenary Hall.

[EXPLORE PRODUCT RANGE](#)



MOD SLIM

The MOD Slim is a highly efficient and versatile backlit modular range of luminaires available in a wide range of housing styles and lumen outputs.

These were installed throughout the classrooms and canteen areas.

[EXPLORE PRODUCT RANGE](#)

PROSPORT

The Prosport is made with a steel housing, injection moulded polycarbonate end caps and a clear polycarbonate diffuser ensuring the ability to withstand ball strikes from most sports.

A total of 18 were installed in the sports hall.

[EXPLORE PRODUCT RANGE](#)

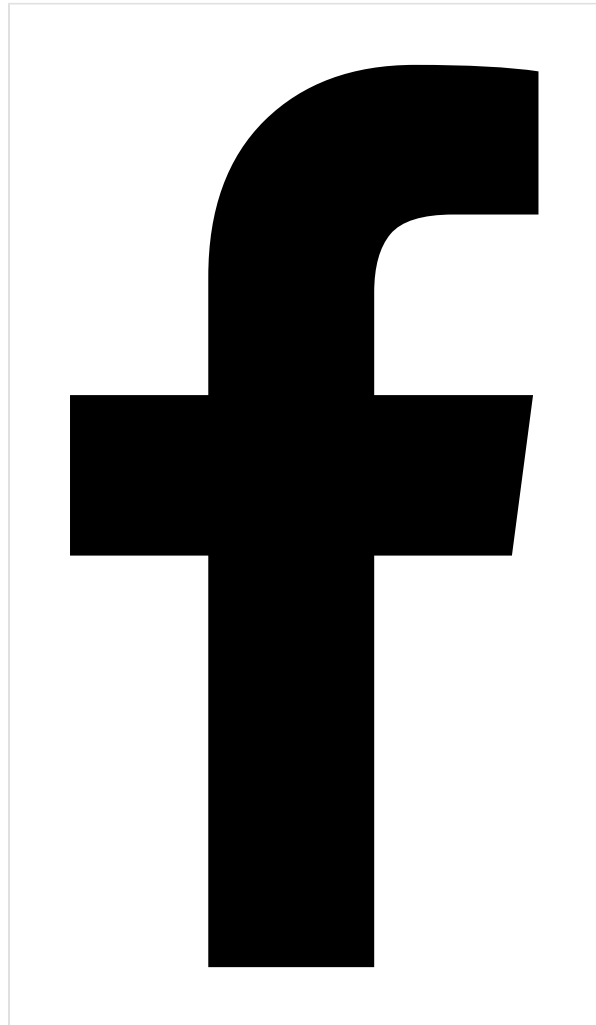


BTEC

The BTEC Downlight is ideal for customers who need a premium quality downlight with high quality LEDs and drivers as well as excellent efficiency for a rapid return on investment

A total of 52 were installed in the corridors and ancillary areas.

[EXPLORE PRODUCT RANGE](#)

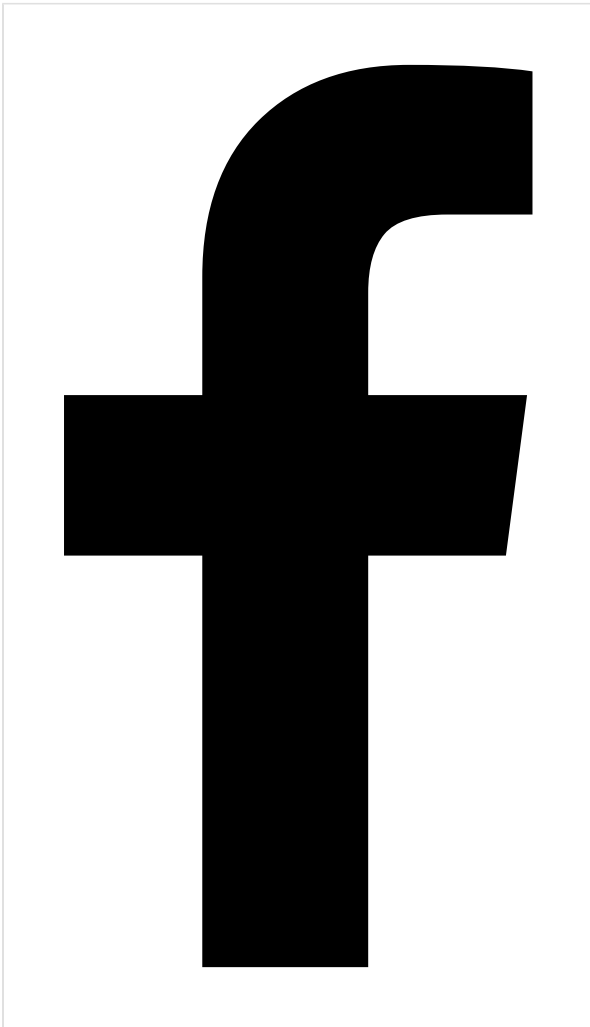


AMENITY DECORATIVE HALO

The Amenity Decorative Halo combines all of the aesthetic appeal of the standard Amenity Decorative range, combined with a soft halo effect providing a backlight onto the mounting surface.

A total of 22 were installed in the ancillary areas.

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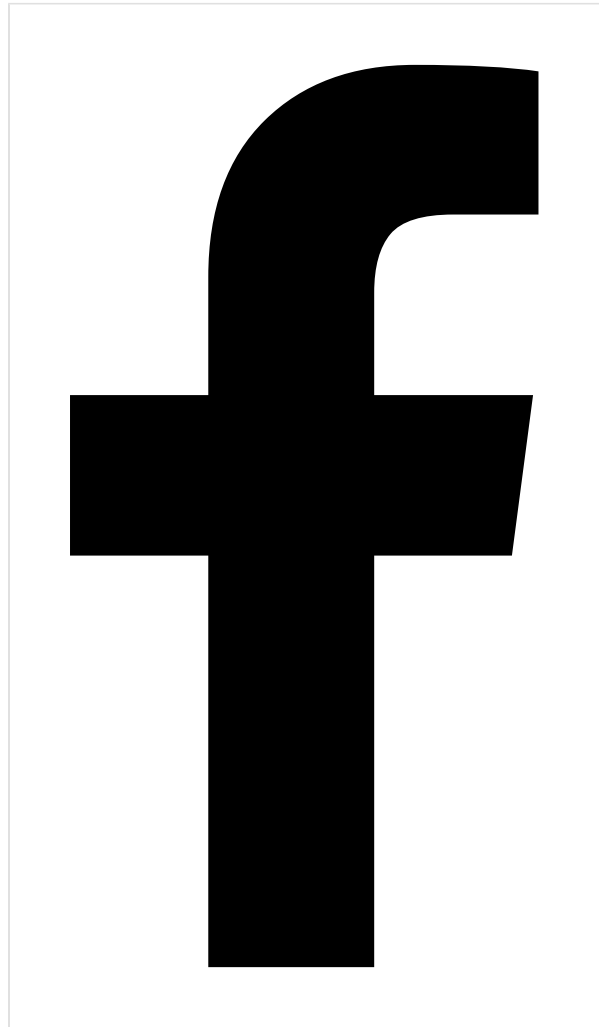


DISCALO

The Discalo brings a highly efficient and low maintenance luminaire to our amenity range.

A total of 70 were installed in the boarding houses and ancillary areas.

[EXPLORE PRODUCT RANGE](#)



TYPHON

A robust and durable IP65 luminaire with GRP housing for excellent chemical resistance.

A total of 44 were installed in the stores, workshops and plant areas.

[EXPLORE PRODUCT RANGE](#)

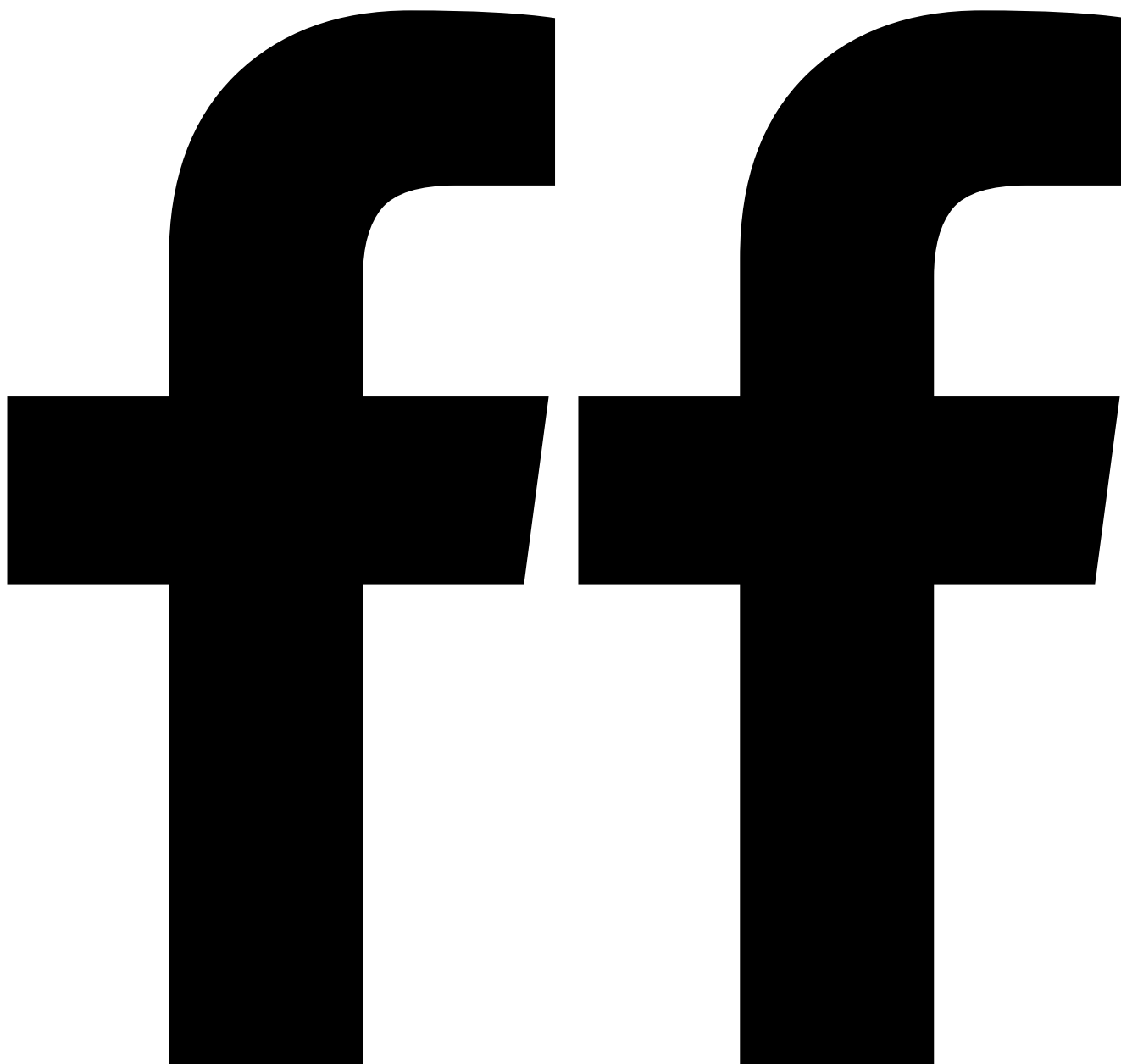
ECOPAK

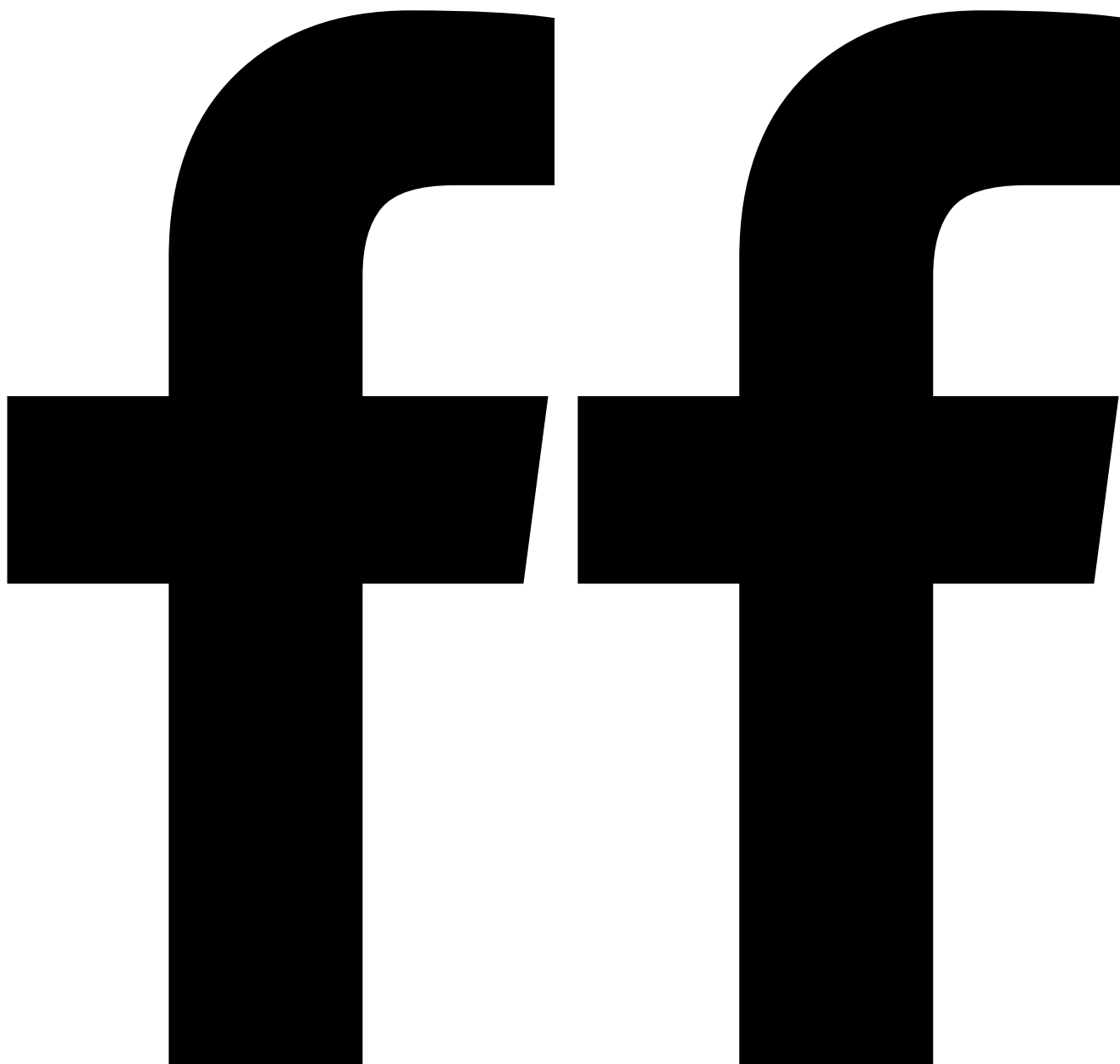
The Ecopak offers increased energy efficiency and low maintenance of an LED source giving greater return on investment.

A total of 93 were installed in the classrooms, D&T and woodworking areas.

[EXPLORE PRODUCT RANGE](#)

GALLERY







[VIEW FULL CASE STUDY](#)