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LED LIGHTING SOLUTIONS

DPR Motorsport





The Brief

When DPR Motorsport obtained their Redhill site in Surrey, it was a run-down 1950s workshop that required a complete refurbishment.

To transform the space into a functioning service centre and workshop for Caterham sports cars, NCS Technology and UK lighting manufacturer, Earlsmann, created and installed an LED lighting solution that provided a bright working environment and significant cost savings over conventional lighting. DPR's brief was to create a cutting-edge but low-cost operating environment.

The Solution

DPR's new, clean and efficient workshop features an entirely new roof that includes translucent panels to maximise the use of natural light. It therefore required high-performance lighting that delivered constant light levels while achieving impressive energy savings. The overhead lighting installed, activated by motion sensors and light levels, adjusts to a constant level, taking into account natural light through the roof panels.

To provide uniform lighting at the required 300 lux levels, Earlsmann's Portsmouth unit, with its non-corrosive fittings and robust polycarbonate housing suitable for tough environments, was fitted. The Portsmouth LEDs include emergency functionality and pre-set lighting levels to support safe and ergonomic working.

Benefits

The intelligent sensor-controlled lighting system delivers constant light levels and supports an energy-efficient facility.

"I am absolutely delighted with the finished workshop. As a team, we pride ourselves on delivering a quality engineering product and the workshop design reflects this. We use advanced engineering in our automotive activities and the new workshop provided us with an opportunity to leverage this approach to deliver an eco-friendly and low cost operating environment."

David Rowe – Team Principal, DPR Motorsport

We have experience in installing energy-efficient LED lighting in a range of environments. Get in touch to discuss your lighting solution needs on **01622 769692 or email**

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