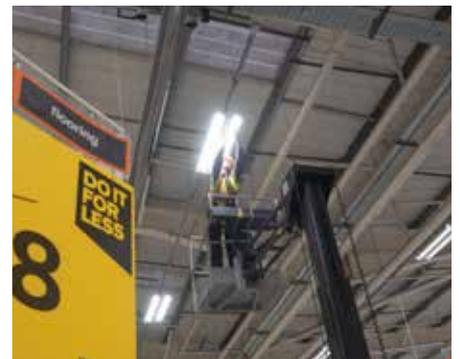
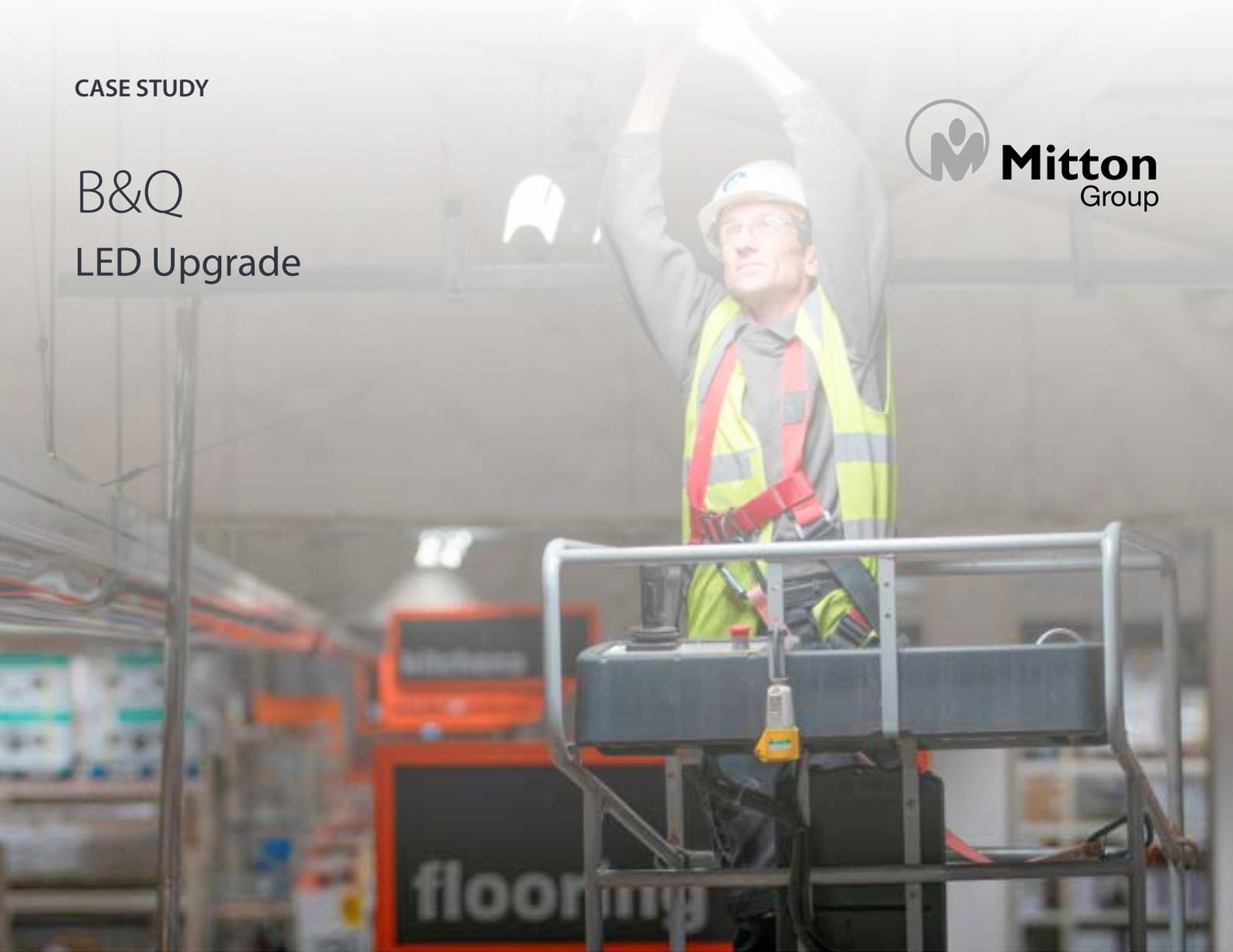


CASE STUDY

B&Q
LED Upgrade



KEY FACTS

Client: B&Q
Project: LED Upgrade
Services: Electrical
Duration: 3 weeks per project
Division: Electrical

CASE STUDY



BACKGROUND TO THE PROJECT

Overhead lighting can be difficult and expensive to maintain. Mitton Group has completed lighting upgrade projects for B&Q stores in Glasgow and East Kilbride, where a move to LED lighting technology is providing much improved light quality for both customers and staff, as well as reducing overall costs through reduced running costs, maintenance requirements and longer unit life.

The stores in question were operating with suspended overhead lighting systems featuring T5 fluorescent lamps. B&Q had made the decision to upgrade these using energy efficient LED lighting technology, which offers a number of important and very attractive benefits compared to more traditional lighting technologies.

SCOPE OF WORK

The stores had an average of 700 light fittings. The Mitton team completed the projects over an agreed period of time, using quick turnaround techniques to minimise disruption, with work carried out both during and out of hours dependent upon access requirements. As part of the project, the team also

redesigned the control systems to ensure that lighting levels were reduced during daylight hours, optimising energy efficiency, as well as upgrading existing emergency lighting systems in line with current health and safety regulations.

Durable LEDs offer higher levels of breakage resistance and are largely immune to vibrations and other impacts. They also provide 'instant 100% illuminance' with no IR or UV emissions, resulting in more sustainable solutions. B&Q is expected to roll out the lighting upgrade project at other locations across the UK.

"The new LED lighting technology is providing enhanced levels of energy efficiency combined with extended life. Combined with reduced labour costs associated with replacing lamps in commercial environments, this work has resulted in smarter, lower maintenance lighting systems."

Gavin Lewis, Mitton Group

KEY CONTACT

Gavin Lewis

gavin.lewis@mittongroup.com
01274 691177

www.mittongroup.com

Mitton Mechanical Services Ltd
Mackenzie House
451 Cleckheaton Rd
Low Moor
Bradford
BD12 0HS

01274 691177