

Scope of works

We were approached by the client who wanted to replace their existing external lamp posts and uplighters.

They wanted to improve the ambience and presence of their building as well as maximising potential energy savings from a new install.

Overview

We successfully found a replacement for the external lamp posts with each fitting having their output reduced from 400W to 120W.

We considered the correct colour temperature for the area and installed a sample to demonstrate the effect the lights would have on the building and agreed the specification for install.

We spent time planning the lamp posts as there was a lot to consider as below.

-The size of the neck of the original bespoke lamp post and how we would correctly terminate onto it securely.

Shopping Centre

External lamp posts and uplighters

LOCATION: Southampton
CLIENT: ABM Technical Solutions

-The maximum energy reductions we could achieve in swapping out the heads. We ended up replacing the existing 2 x 55W lamps with a 35w LED chip set.

-Some of the lamp posts were emergency fittings and were linked to a central battery system so we found fittings which could work in this way.

-There was a security element to the lights being on all the time and so we carefully considered the correct controls in regards to the use of the BMS and presence. We went with wireless controlled lights linked to the BMS which dimmed down to 10% when no one was present. We also took benefit of the wireless controls and programmed the lights to come on ahead of each other in banks of 3.

