

## Middlesbrough CELtek CMS Project

Project Run by Rob Warner, Street Lighting Engineer, Middlesbrough Council

Contractor Installation Team: ETDE

Project Location: Trinity Church Square Car Park, North Ormesby

---

### Project requirements

Light up the multi-use car park with energy low-cost fittings with full dimming capabilities and remote-control access. The site was used as a market on two days a week with special events held during the year and part of the project was to light up the Church as a feature in Middlesbrough.

### Equipment used and installed

Product installed was the Stela 52watt LED streetlight /car park fitting. This was fitted with a 1-10volt LED Driver along with a LCU full dimming remote control unit by CELtek CMS. To operate the system a Gateway was installed in a feeder pillar adjacent to the site. Access to the control of the light fittings was done by way of a web based remote programme with override facilities to dim and change profile at any time.

Fitted to six columns are Projector Light fittings to offer a range of either colour changing or logo presentation options all operating on the same system with remote control options and programming.

### Project Capabilities.

The project via the CELtek Remote Monitoring products offers the ability for the market square to be used as a fully lit car park with the flexibility of different lighting levels as well as providing a high level of lighting during market days and special events when needed. This giving a fully flexible and highly versatile system to operate with the minimum of effort without complicated equipment and offers the ability for a number of different users to operate if required.

The option to add to the project on the existing roadways later will enable Middlesbrough to also use the current system for the future.

