

### Quotes for upgrading 11 lights to LEDs

I have a quote from Enerveo & Volker for upgrading to LED lights 5, 6, 7A, 14, 19, 22, 26, 28, 33, 36, 38 (note 8, 10 are already LED).

- Enerveo (received 17/11/2023) £6247.17
- Volker (received 18/09/2023) £6376.38

### Motion sensors

Although motion sensors were looked into previously, following a question from a resident at the November PC meeting, I've emailed the two contractors regarding motion sensors - see their responses below.

If motion sensors are to be considered, then I would suggest not upgrading these 11 lights until we decide whether to use motion sensors. Motion sensors bring up the possibility of keeping all the lights and only having them come on as people approach them.

I would also suggest that to consider motion sensors requires some professional input. I am not in a position to advise on motion sensors or smart systems like the CMS system.

I have emailed Enerveo to see whether they can give an indication of cost and also some photos as examples of the motion sensor fittings.

### Enerveo response:

*With regard to motion sensors, the part night operation is programmed into the driver and is not via the photocell, therefore the fitting of a PIR is not possible to an existing lantern. PIRs also have a field of view usually limited to a certain angle and not 360°. The reduced energy usage is not recognised by the network operator as the amount of time the light is actually illuminated can't be measured on an unmetered supply and as you say below you'll still be paying for full illumination through the hours set on the driver.*

*Motion sensors (PIRs) may be available in some new street lighting lanterns (probably functional lanterns rather than decorative). I can investigate if you wish but its likely to be an expensive choice.*

### Volker response:

*Only other option is to stick to sensors but install a CMS system so you can monitor energy usage. Some of the providers of CMS offer cellular options which are more suited to small scale roll outs. You could consider the use of a CMS system such as Telensa <https://www.telensa.com/solutions/smart-streetlights/> or Mayflower <https://www.sseenergysolutions.co.uk/mayflower> as these give you full control and adaptive charging have a look at the links for more information. You could then possibly at a later date add a motion sensor control system although you should consider road traffic safety as sudden light changes can be distracting to drivers.*