

Summary of Options

	Option 1	Option 2	Option 3	Option 4
Description	Turn off some street lights	Part night lighting	Central Management System	LED lighting
No. of Lights to be changed	8,400	15,050 Part Night 4,180 Dimming	15,050 Part night 4,180 Dimming	10,000
Initial Investment	£2.737 million	£1.060 million	c.£2.000 million	£3.175 million
First Year Energy Savings	£0.234 million	£0.294 million	£0.380 million	£0.195 million
Economic Benefits	Good return	Very good return	Very good return	Poor return
CO2 per year reduction	954t	1,150t	1,750t	1,000t
Potential Effect on Public	Most negative effect. Some lights off permanently	Moderate. Most lights off midnight to 5.30 am	Moderate. Most lights off midnight to 5.30 am	Least effect. No lights turned off.
Flexibility	Poor. Reconnecting lights would be very difficult.	Moderate. Reconnecting units would be possible.	Very Good. Individual control of most lights possible.	Moderate. Introduction of further changes possible.
Ability to deliver further savings if required.	Poor. To achieve further savings more lights would need to be turned off permanently.	Poor. Road and community safety concerns may limit scope.	Good. Changes in hours of operation of lights can be made easily.	Poor. Significant investment needed to convert more units.