

# **Case study of LED internal and external lighting**

## **Holy Trinity Parish Church, Longlevens, Gloucester**



**Visit on 20<sup>th</sup> April 2015**

**Revd Dr Gwyneth Gibbons - Rector**

**Dennis Lyes – Vice Chairman of the PCC**

**Edward Hollingworth - Project Manager, Cowley Parish Church, and**

**Revd Arthur Champion – Diocesan Environmental Adviser**

# Let there be (cheaper) light to eke out church coffers

20/01/2015 BY ADMIN

NEW lighting has had a dramatic effect on both the looks and the wallet of a Longlevens Church.

The installation of energy – efficient LED lighting at Holy Trinity Church has given the building's interior a completely new look. In addition, it will help reduce the energy consumption and future maintenance costs.

Rob Baldwin from Total Lighting and Controls, which fitted the new lights, said: "The original lighting was totally inadequate, providing very poor light levels. The lamps were very expensive to buy from abroad and were expensive to run. The new LED lighting is much lower on running costs, making approximately 80 per cent in savings, with a life expectancy of 50,000 hours. It means there are no more difficult maintenance issues"



All staff and visitors to the church are extremely impressed. The external lighting for the church was also replaced with LED at the same time and a complete rewiring was undertaken. The job took six weeks to complete from start to finish.

Vicar Gwyneth Gibbens said she did not expect such a visible change with the new lights. "One of the nice things is that you can now see the beautiful stained windows from the outside, meaning those walking by can see them," she said. "The lighting is more flexible and safer to use now with

the controls and is protected from vandalism."

**Source: Gloucester Citizen Tuesday 13th January 2015**



Porch lighting - LEDs which also serve as emergency lighting on battery  
(green dot indicates safety feature)



New LED lighting in the Nave has cables hidden in ceiling at minimal extra cost. Warmish lighting enhances the stone columns. Hardly any distracting glare.



Feedback from congregation was pleasantly surprised at the way the new lighting enhances the whole interior design. At night from outside the stain glass looks really good.



The Easter Candle



The Altar Table has been permanently turned around not just for Christmas and Easter displays.



New LED lighting at West end of the nave provides both down-lighting and up-lighting



New LED lighting over the West Porch



New LED floodlighting of car park automatically switches on and off at night-time in alignment with GMT and BST



External wall light now uses LEDs

# Testimonial from Holy Trinity Church, Longlevens

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📅 24/01/2015 BY [ADMIN](#)

In 2014 Total Lighting and Controls Ltd was the most successful one of three companies quoting us for the design and installation of modern LED lighting to replace our ageing and unreliable system, a need accelerated by the difficulty in obtaining suitable bulbs following government legislation. Negotiations were technically and amicably achieved resulting in order placement in September. Installation was planned to start in November and take an estimated 6 weeks. The installation ran to time and we are very pleased with the results.



The installation team were very efficient in planning and executing the project. We valued the way they would anticipate potential problems presented by the architectural structure or benefits in alternative cable routes. They were flexible in negotiating mutually beneficial solutions to such features as the work progressed, and were extremely helpful in working around our commitments regarding Church services, funerals and the heavy schools/Christmas concert events. They were also clean and efficient.

We would recommend them for other similar installations and our lighting system can be viewed by arrangement if required.

D.R Lyes  
Vice Chairman of the PCC  
Holy Trinity Church  
Longlevens  
Gloucester

## **Additional information:**

Church website - <http://www.holytrinitylonglevens.co.uk/>

Total cost of project - £50,000

Estimated annual saving in running costs - **TBA**

Payback period - **TBA**

Key learning points - **TBA**

Duration - about six years from concept to completion

Contractor – Total Lighting and Controls (Mr Rob Baldwin)

Contractor's website - <http://www.totallightingandcontrols.co.uk/>