

SHADOW Industrial Infrared

CASE STUDY

ST MARY AND ST PETER CHURCH, TIDENHAM

St Mary & St Peter Church in Tidenham, a Grade-listed 13th-century building with Saxon origins, has recently undergone an impressive transformation to better serve its congregation and the wider community.

As part of its renovation, the church installed two Shadow Chandeliers, providing efficient heating.

The Shadow Chandelier

A revolutionary infrared heating solution designed to meet the unique needs of heritage buildings and churches.

Elegantly designed, the Shadow Chandelier ensures your space remains warm and inviting without compromising aesthetics or heritage preservation.

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The congregation has been really positive. “The chandeliers not only look fantastic but make a noticeable difference to the warmth and feel of the space.”



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Once limited by fixed pews and inefficient heating, the church is now a flexible, multi-purpose venue that combines historical beauty with modern comfort and efficiency. The chandeliers have played a central role in enhancing comfort and usability within the space, particularly during colder months.

The Challenge: Balancing Heritage with Modern Needs

Like many historic churches, St Mary and St Peter faced several key challenges:

- **Inefficient Heating:** The previous bar heaters were costly to run and provided little warmth in the large, open space.
- **Electrical Limitations:** The church operates on three 100-amp inputs and must carefully manage power usage to avoid overloading.
- **Community Use:** Removing pews created opportunities for new activities but also introduced the need for adaptable, zoned heating solutions.
- **Preservation Concerns:** Any new installations needed to respect the church's architectural integrity and historical character.

The Outcome

The installation of two Shadow Chandeliers at St Mary & St Peter Church, demonstrates how modern heating technology can transform a centuries-old church into a vibrant, comfortable community space.

By balancing tradition with innovation, the church has preserved its heritage while creating a future-proof environment warm, welcoming and ready for generations to come.



THE SYSTEM

To address these issues, the church removed a few pews to create a communal space. They then replaced the old bar heaters with two newly installed Shadow Chandeliers, designed to blend aesthetic and appeal with practical performance.

The Chandeliers were carefully placed in a space where a new vestry has been created, complete with restored stained glass, a kitchenette and a washroom, giving the village a space that is truly communal. The chosen chandelier model includes integrated lighting, adding both warmth and ambience to the renovated area during events.

The installation took around one week, and the chandeliers immediately improved heat distribution and overall comfort levels.

Each heater is zoned, allowing the church to control different areas of the building independently. This means that when smaller congregations gather or for more intimate services, only the relevant sections of the church need to be heated, maximising energy efficiency and reducing unnecessary heating costs.



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