HEATING GLASS CHANDELIERS
Becket's Chapel, Wymondham, Norfolk (England)



Natacha MONDON & Eric PIERRE

www.natachamondonericpierre.fr

BECKET'S CHAPEL

The chapel is one of Wymondham's most important heritage assets. The earliest parts of the building date from the 12th century and it has been an important part of life in the town for hundreds of years.

After many years of neglect, the building was in a very poor state of repair when in September 2022 Historic Norfolk purchased the chapel and carried out a programme of restoration and repair.



NATACHA MONDON & ERIC PIERRE

Their numerous designs for Historical Monuments are among the most remarkable: St Louis Church of the Invalids (Paris), collegiate church of Bueil-en-Touraine, Saint-Hippolyte Church of Thonon-les-Bains, Holy Chapel of the castle of the Dukes of Savoy, Our Lady of the Assumption of Stains, St Cyprien Seminary of Toulouse, St Nicolas Church of Pertuis, St-Agnes Church of New York.



SPECIFICATIONS

- Three heating chandeliers in thermoformed and bent glass
- Dimensions: Ø 1.45 m; H 0.30 m
- Weight: 35 kg
- Lighting: LED lamps 230 V
- 6 infrared lamps: 10.5 kW per chandelier

HISTORIC NORFOLK

PROJECT OWNER :
Historic Norfolk (England)

The Architect Studio by Patricia Forero

ARCHITECT :
Patricia Forero
Accredited Conservation Architect
ARB RIBA AABC



Combining decorative and powerful lighting chandeliers with a cost-cutting heating system

The three infrared heating glass chandeliers in Becket's Chapel in Wymondham, Norfolk, fulfil a triple function of heating, lighting and enhancing the building. Made of kiln formed glass, they are a work of art in their own right, adding an important finishing touch to the restoration of the Chapel's interior.

Enhancing the interior of the Chapel

The principal objective when designing chandeliers delivering both light and heat for any church is to create an overall design whose look enhances the building's interior. The chandeliers are both visible and in use as a lighting source throughout the year, while their heating elements are only used when needed.

The major challenge for us in this project, therefore, was to integrate the heating with the lighting in a design that was harmonious and elegant.

Church heating

Infrared radiated heat provides an immediate sensation of warmth. Only switched on when needed during events and concerts, the annual energy consumption is very low, up to ten times less on average than underfloor heating. The chandeliers are placed high enough in the Chapel to avoid any "hot head/cold feet" effect. Furthermore, they provide both heat and light in complete silence.

Infrared heating: protection of the Chapel fabric and the artwork it contains

Infrared radiation neither changes humidity levels nor generates drafts, either of which might change the balance of heat within the Chapel, risking damage to any valuable artefacts such as paintings, sculptures and pipe organs. There is no generation of ultraviolet radiation.

A work of art in its own right

The designs in relief on the glass bosses at the centre of each chandelier were conceived in collaboration with Historic Norfolk. They make up a unique sequence dedicated to the history of the Chapel. The three emblems separately commemorate the historic links with the Wymondham Grammar School – the fleur de lis, the coat of arms of the Archbishop of Canterbury - Thomas A. Becket and Matthew Parker, and Ketts Oak.

The larger glass leaves in the chandeliers are embossed with the characteristic trefoil shape of the gothic window tracery in the Chapel.

DR. FISCHER Europe S.A.S.
A company of Dr. Fischer Group

To ensure the highest quality, this set was developed in partnership with Dr. Fischer Europe.



© Natacha MONDON & Eric PIERRE, April 2024 – All rights reserved

Natacha MONDON & Eric PIERRE – 5, rue de Bretagne – 45210 La Selle-sur-le-Bied – France – Tél. : +33 6 79 66 02 77 – atelier.natmonde@wanadoo.fr
www.natachamondonericpierre.fr