INFRARED HEATING CHANDELIERS OF ST NICOLAS CHURCH IN PERTUIS (France)

Historical Monument

Trophées de la CONSTRUCTION 2020

LE GESTE D'OR 2020

PRIX DÉPARTEMENTAL DES MÉTIERS D'ART Loiret votre Département 2021

Natacha MONDON & Eric PIERRE

www.natachamondonericpierre.fr

ST NICOLAS CHURCH

St Nicolas Church of Pertuis (France) - XVth, XVIth and XVIIth centuries - is classified as an Historical Monument since 1911. It has a remarkable Gothic choir, as well as side chapels with magnificent polychrome decorations.

This creation of chandeliers completes the important restoration work which has brought back all its splendor to the building and restored the exceptional richness of its interior.

NATACHA MONDON & ERIC PIERRE

Their numerous creations for historical monuments are among the most remarkable: Saint-Louis des Invalides, the collegiate church of Bueil-en-Touraine, Saint-Hippolyte of Thonon-les-Bains, Sainte-Chapelle of the castle of the Dukes of Savoy, Notre-Dame de l'Assomption of Stains, Saint-Cyprien Seminary of Toulouse, St-Agnes Church in New York.

Their unique glass designs have been rewarded with numerous prizes.

SPECIFICATIONS

- *Five chandeliers in kilnformed glass, with brass structure*
- *Dimensions : Ø 8 ft ; H 11 ft*
- *Weight: 440 lb*
- *Lighting : LED*
- *8 x 2000 W IRC bulbs per chandelier*

PROJECT OWNER :

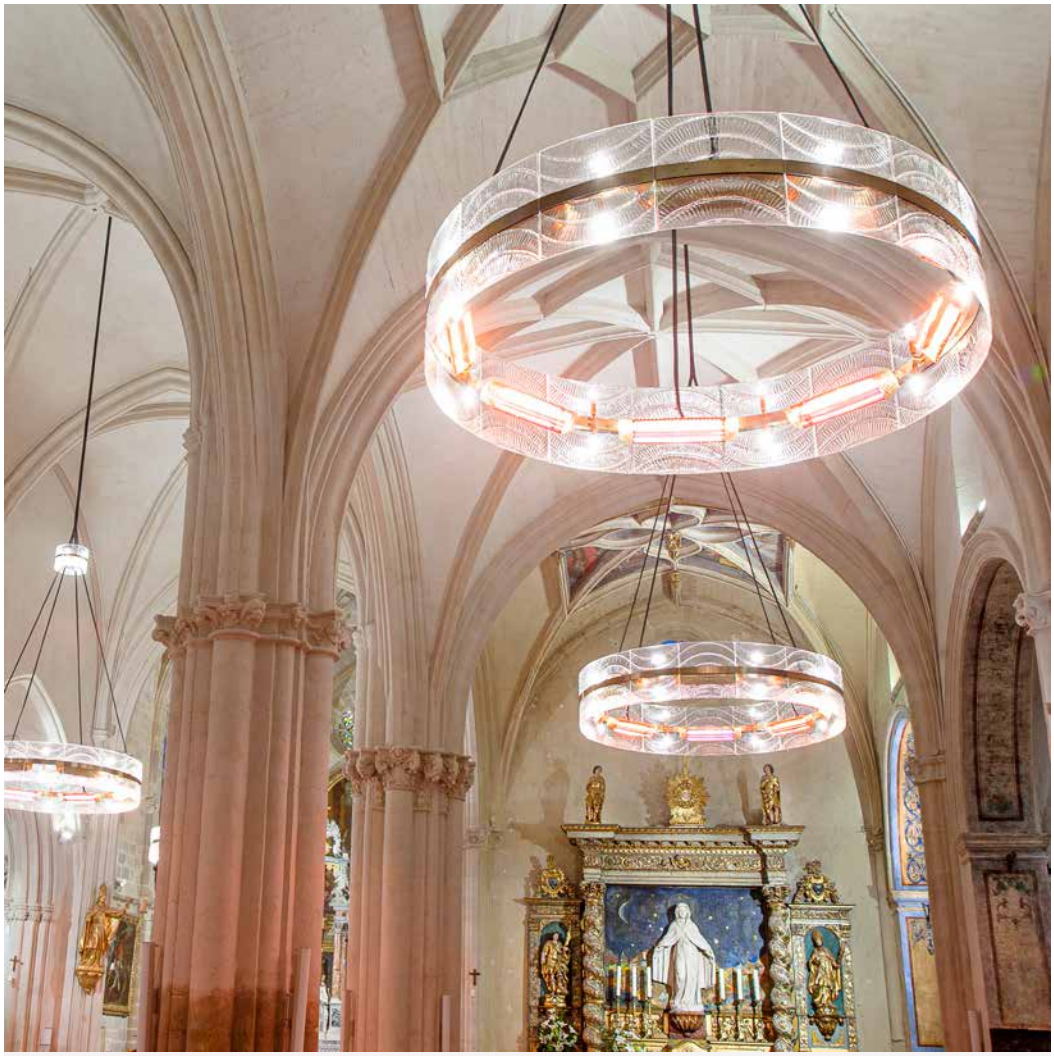
- *Ville de Pertuis (84)*

ARCHITECT :

- *Daniel LEFÈVRE, ACMH / Atelier Kunz*

THERMAL STUDY :

- *THERMI-FLUIDES*



A unique and innovating project

This monumental set of five infrared heating glass chandeliers is the result of close collaboration with the municipality, the architect, and the Regional Commission for Historic Monuments in order to meet the expectations of aesthetics, users' comfort, and preservation of ancient artworks.

Highlighting the architecture

The elegance and simplicity of the design, combined with the delicate glass artwork, required an innovative design of the heating elements to integrate them harmoniously into the luminaires.

Users' comfort

The sensation of warmth is immediate, and radiants are only lit during celebrations and events. The annual cost is therefore lower than other usual heating systems (fan, underfloor, etc.). The height of positioning avoids the sensation of "hot head / cold feet".

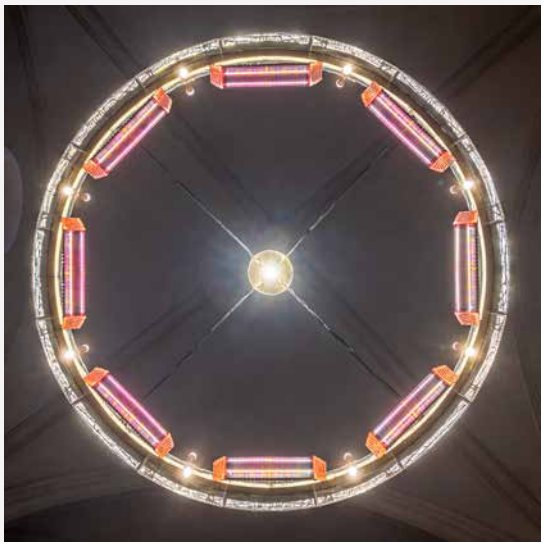
This system is also silent.

Preservation of ancient artworks

Heating with infrared radiations does not modify the hygrometry of the place and does not cause any air convection which could be harmful to ancient artworks (organs, paintings, gilded and polychrome woods).

An exceptional glass artwork

More than six months of uninterrupted firings were necessary to produce the hundred of thermoformed and curved glass elements that make up the chandeliers' coronas.



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