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# Silent Elation TVL 3000 White Light LED Luminaires for Abbey of Saint Wandrille, France

It's not often that an institution over 13 centuries old receives a lighting upgrade but such is the case with the Abbey of Saint Wandrille in Normandy, France, a Benedictine monastery founded in the year 648 that has installed Elation TVL 3000 II dynamic white light LED luminaires in the Abbey's church.

An important part of the Abbey, which has produced an amazing 30 saints over the centuries, is an old 13<sup>th</sup> century barn that was carefully transported to the grounds by monks nearly 50 years ago to serve as the monastery's church. The 48m long by 16m wide structure is 14m high and built of oak, a large wooden building for its age. The Abbey sought to improve the church's indoor lighting with more state-of-the-art illumination but as silence plays a central role in the Benedictine tradition, absolute silence was a must.



"There could be NO noise, absolutely! The fixtures had to be completely silent," says Alain Cornevaux of ESL of France, lighting supplier and Elation partner on the project. "After contemplating and testing several fixtures, which weren't quiet enough, they came to the conclusion that the TVL 3000 was the right choice."

Besides the requirement that the new lighting fixtures be silent, a high quality of white light was vital as was discretion in lighting placement.

"We proposed the TVL 3000 II dynamic white version also for its level of brightness and quality of variable white light," states Jean Michel Vergniol from the ESL sales team, who worked closely with lighting designer Philippe Rabuteau from company Profil Scene on the project.

Thirty-five TVL 3000 fixtures are mounted on a series of oak beams along the nave of the church, each fixture drawing a low 72W of power and using silent convection cooling technology to eliminate fan noise. "It also has adjustable barn doors and includes different beam angle lens kits, which were very useful during installation and positioning," Philippe says of the bright, color temperature adjustable luminaires. The fixtures, which blend 24x 3W warm white and cool white LEDs to produce a uniform projection of flat white light along the length of the church, are used to complement and match natural light that penetrates the building from narrow rectangular and bay windows.





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Maintaining the spaces architectural sanctity by discreetly placing the lighting units so they could not be seen from the baptistery was also an important requirement. The TVL 3000's small size allowed that to be possible. When entering the Abbey church, the sightline to the altar and visual purity of the church's beautiful oak frame has been preserved.

Installed in April of this year, the new Elation lighting is another bright chapter in the Abbey's storied history and certainly one of the more historic lighting upgrades to be found anywhere.

#### **About Elation Professional**

Elation Professional is one of the world's leading lighting and visual solutions providers and is the global brand of Elation Lighting. Founded in 1992 and headquartered in Los Angeles, with European sales, distribution and support based in The Netherlands, Elation designs and manufactures a comprehensive range of innovative yet affordable lighting and video products that are distributed through a global network of dealers and distributors. Made up of a spirited team of dedicated personnel, Elation is setting new efficiency and performance standards in Platinum lamp and LED technology and is acknowledged for a comprehensive commitment to Total Support. As a company in expansion with a presence in a growing variety of market segments, chances are you've experienced Elation lighting at a concert, special event, TV, theater, late night venue, House of Worship, theme park, cruise ship, exhibition, architectural space or elsewhere. For more information, please visit www.elationlighting.com

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