

Life
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MEGAMAN®

Case Study

St John's Church



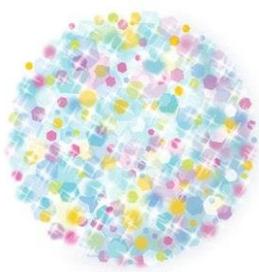
Megaman's Divine Intervention

Megaman lamps have been chosen for the refurbishment of St Johns church in Meopham, Kent which has been carried out by CES Lighting & Electrical Engineers, Coulsdon. The project involved a complete re-design of the lighting and the addition of bespoke fittings, in addition to the rewiring and installation of lighting controls throughout the ancient building.



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Lamps Used



10.5W Classic



7W GU10 LED

CES are experts in design and installation in listed buildings, particularly ecclesiastical and worked closely with Megaman to come up with a scheme that was sympathetic to the surroundings but that also provided the improved light levels whilst saving energy. St Johns is a large fourteenth-century church made for St Margaret's, Westminster, in 1682 and brought here in 1800. Like any historic building, providing good ambient light can be a problem but Megaman provided a solution with its dimmable 10.5W classic LED 2800k and 7W GU10 LED 2800k lamps, which were used to replace halogen and incandescent lamps. These energy efficient lamps were incorporated in bespoke ceiling pendants, each incorporating 8 x 10.5W Classic LED's for general illuminance and 4 x 7W GU10 LED's to provide downward focused illumination. The GU10's were also used for lighting in the main body of the church. The results were amazing – lux levels at 3200mm below range from 100 to 315 throughout the nave and the colour rendering is excellent. The dimming ratio is very smooth with no cut-offs or flickers with dimming down to 5%, which is important with a historic building of this type so that the right ambience is achieved. Another benefit is that, as the energy levels are so low, the Megaman lamps can be linked to the emergency system so the exit routes will always be highlighted. Graham Smith, senior partner at CES, commented "Megaman provided good quality lamps and an excellent service, particularly in the design of the scheme - we will definitely be using them for future projects".

For more information on this project or the Megaman lamps used please contact us:

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