

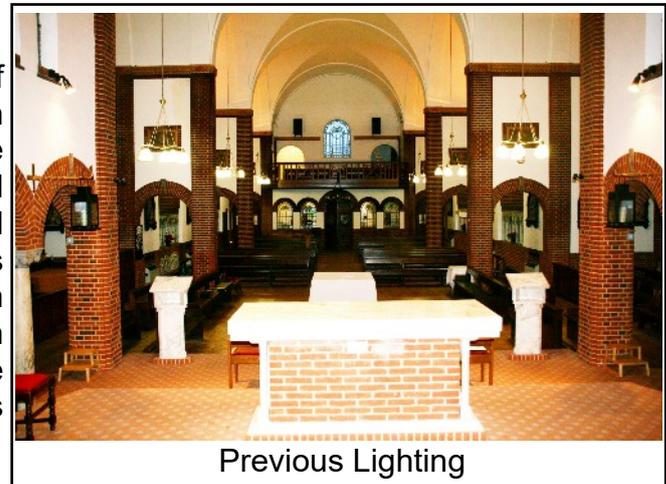
## Relighting of St Paul's Church - Haywards Heath



New interior lighting at St Paul's Church

### Background

The general lighting of this church was by means of chandeliers suspended in the nave with some High Pressure Sodium up-lights mounted close to the ceiling line. Additional spotlights and floodlights had been added in various places to provide additional light. The lighting was looking rather dated and was not providing sufficient light in places for reading. In addition one of the shades on a chandelier had been broken and could not be replaced, many of the up-lights had failed and the lighting system was looking "tired".



Previous Lighting

The decision was made to renew the lighting and we were asked to prepare a design.

### The Lighting Proposals

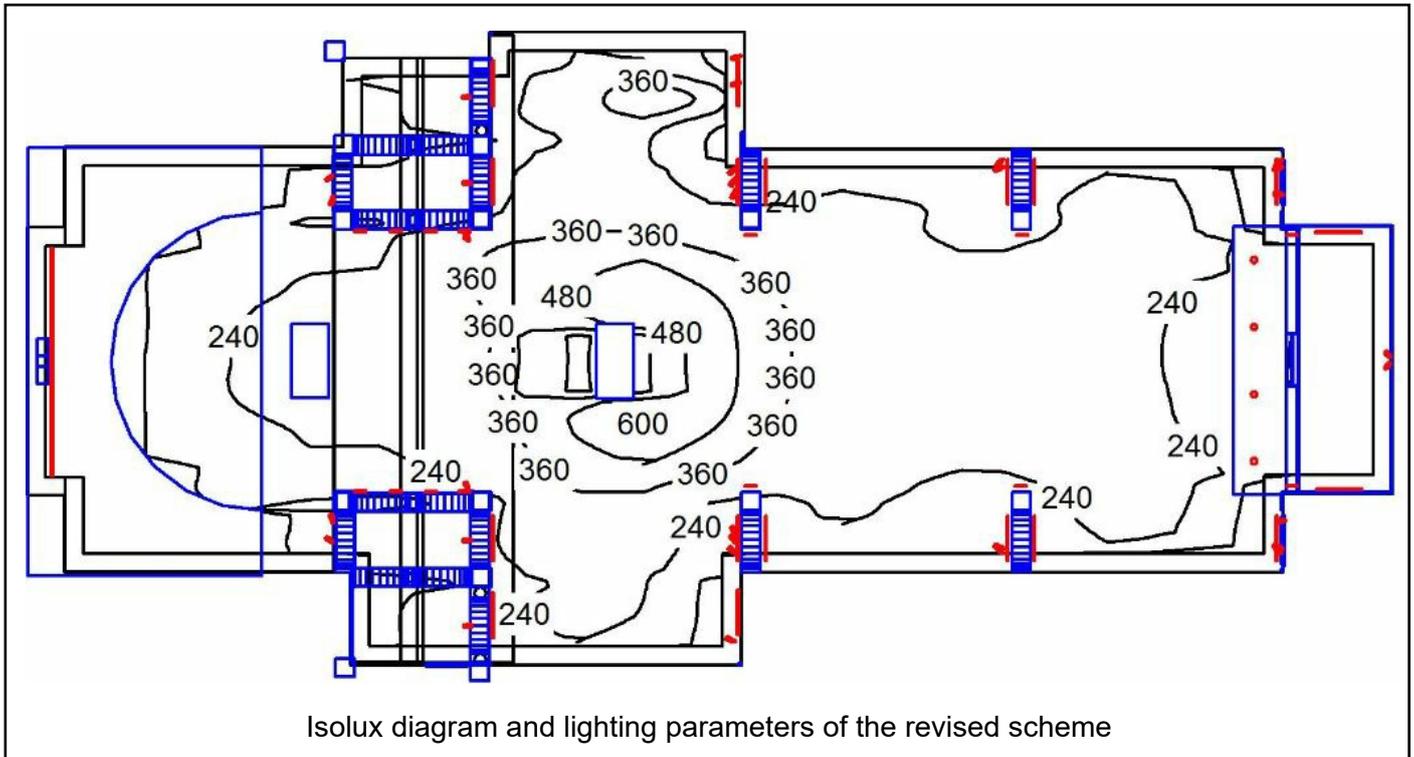
The parameters for the new design were to:-

- Provide an adequate lighting level throughout the Church
- Reveal the architectural character of the interior
- Provide a system which requires minimum maintenance
- To be energy efficient
- To provide a feature of the East wall

The lighting scheme was designed to provide a lighting level of 200 lux in the Nave raising to 500 lux in the Chancel. The up-lighting is switched separately from the direct lighting so that when a service is not being conducted the up-lighting can be used to light the Church. The decision was also made to include emergency lighting and to avoid more luminaires being used, a central battery system was proposed using selected direct lighting luminaires.

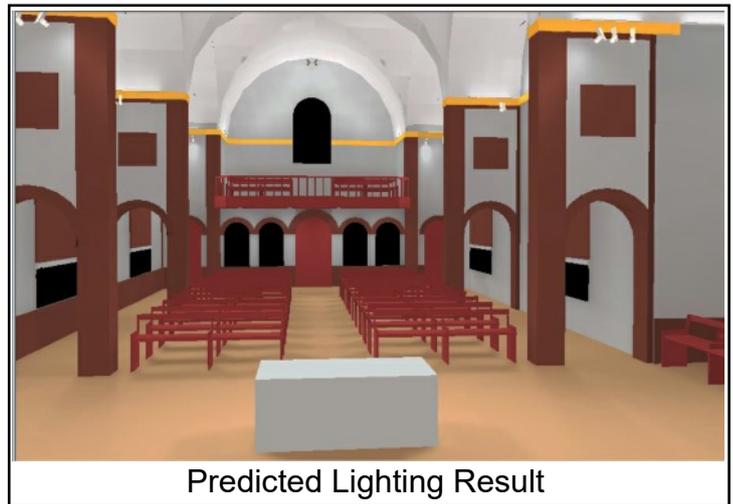
The system proposed uses:-

- LED up lighters to illuminate the ceiling
- LED Spotlights to light the body of the church.
- Colour changing LED luminaires to provide a coloured wash on the east wall which is changed to match the mood of the Service being conducted.



The Altar at the east end is no longer used for services as it is felt that it is too remote from the congregation, so the service is now conducted from a new chancel formed in the Crossing. In addition to the lighting of the body of the church, we were also asked to relight the entrance lobby, ancillary area as well as the porch.

Part of the role we took on was to act as Project Managers and at the end of 2014 the process of tendering for the electrical installation commenced. Early in 2015 the contractor was appointed and the equipment was ordered. Installation was completed, the emergency lighting commissioned and the spotlights aimed.



**Comment from Father Martin Jakubas, Parish Priest of St Paul's.**

*“Our new lighting scheme had exceeded our expectations. The move from a small number of aging suspended chandeliers to modern, well positioned equipment has enabled us to take full advantage of the various lighting scenarios which we wished to develop. An unexpected benefit has been that removing the chandeliers has completely changed the visual and sound dynamics of the church solving some problems that we didn't even know we had. We are very, very pleased with the work that Andrew and the installation team have done for us. It is attracting a lot of attention from other churches in the diocese of Arundel and Brighton.”*

## Products Used

Picture



33

Philips Lighting

ST550T/ ST540T & ST530T

Description

StyliD Spotlights with various beam angles and wattages - finished White

Where Used

Body of Church, Chapels  
Crucifix & Display Area



32

Philips Lighting

LS515X

EW Fuse Powercore 3000K  
Medium Beam 4ft and 1ft  
long

Ceiling Lighting



5

Philips Lighting

LS421X

Icolour Cove MX Medium  
Beam 4ft Colour change  
LED

Colour Wash on East Wall

Picture



5

Philips Lighting

BBS480LED

Qty

Manufacturer  
Catalogue No.

Description

LuxSpace LED Downlighter

Where Used

Vestibule



4

Philips Lighting

BBS490LED

LuxSpace LED Downlighter

Under Balcony Edge



15

Philips Lighting

RCS 750 5C6  
+ Accessories

Dali Track White

Body of Church

Picture



2

Iguzzini

5734

Qty

Manufacturer  
Catalogue No.  
Description

Outdoor Wall Light

Where Used

Porch



1

Philips Lighting

UID8540

Tobetouched Colour Wheel

Lighting Control for East  
Wall



1

Cooper Lighting

Loadstar

Central Battery Emergency  
Lighting Equipment

Body of Church

## Acknowledgments

Client

St Paul's Roman Catholic Church, Hazelgrove Road, Haywards Heath. RH16 3PQ

Electrical Contractor

C. J. Rumsey Electrical Contractors, Whycroft, Franklands Village, Haywards Heath, RH16 3RL

**Lighting Design and Drawing Services. Oxted, Surrey.**

Tel: 07873 239995 - e-mail: ldands@btinternet.com - web: www.ldands.co.uk