



Guildhall Salisbury

proposal prepared for Salisbury City Council
by James Humphries of Light My Space Ltd.

Guildhall Lighting: Scope & Outcomes



Provide illumination for the façade of the guildhall that is sympathetic to the building (by adjusting the white colour).

Include the ability to set different parts of the building to different colours to support events and celebrations such as Armed Forces Day, PRIDE, City Anniversaries, etc., **without** incurring the repeated costs of hiring, quoting, setup, running, external surface cabling coupled with necessary (and ugly) health and safety equipment, etc.

Areas to be lit include:

LHS and RHS of façade; 6 pillars; above the portico (areas as shown above) as well as the area inside the portico.



Guildhall Exterior Lighting Proposal

Objectives

- ❖ Upgrade existing/failing lighting of Guildhall, one of Salisbury's most iconic landmarks
- ❖ Greater flexibility for lighting the Guildhall in different colours to support events and celebrations
- ❖ Focused lighting that is specific in lighting the building features, rather than flooding the area and increasing light pollution
- ❖ Specify lighting that can light the building effectively, without compromising, or being invasive into, the building facade or the steps
- ❖ Select lighting with a high build quality, high water-resistance and long warranty to reduce TCO (total cost of ownership) and maintenance costs
- ❖ Control the lighting daily without requiring human intervention for regular events such as daylight changes.



Defining the outcome
as a visual effect

Proposed Lighting – Simulated effects



5 key areas / zones:

Façade LHS

Façade RHS

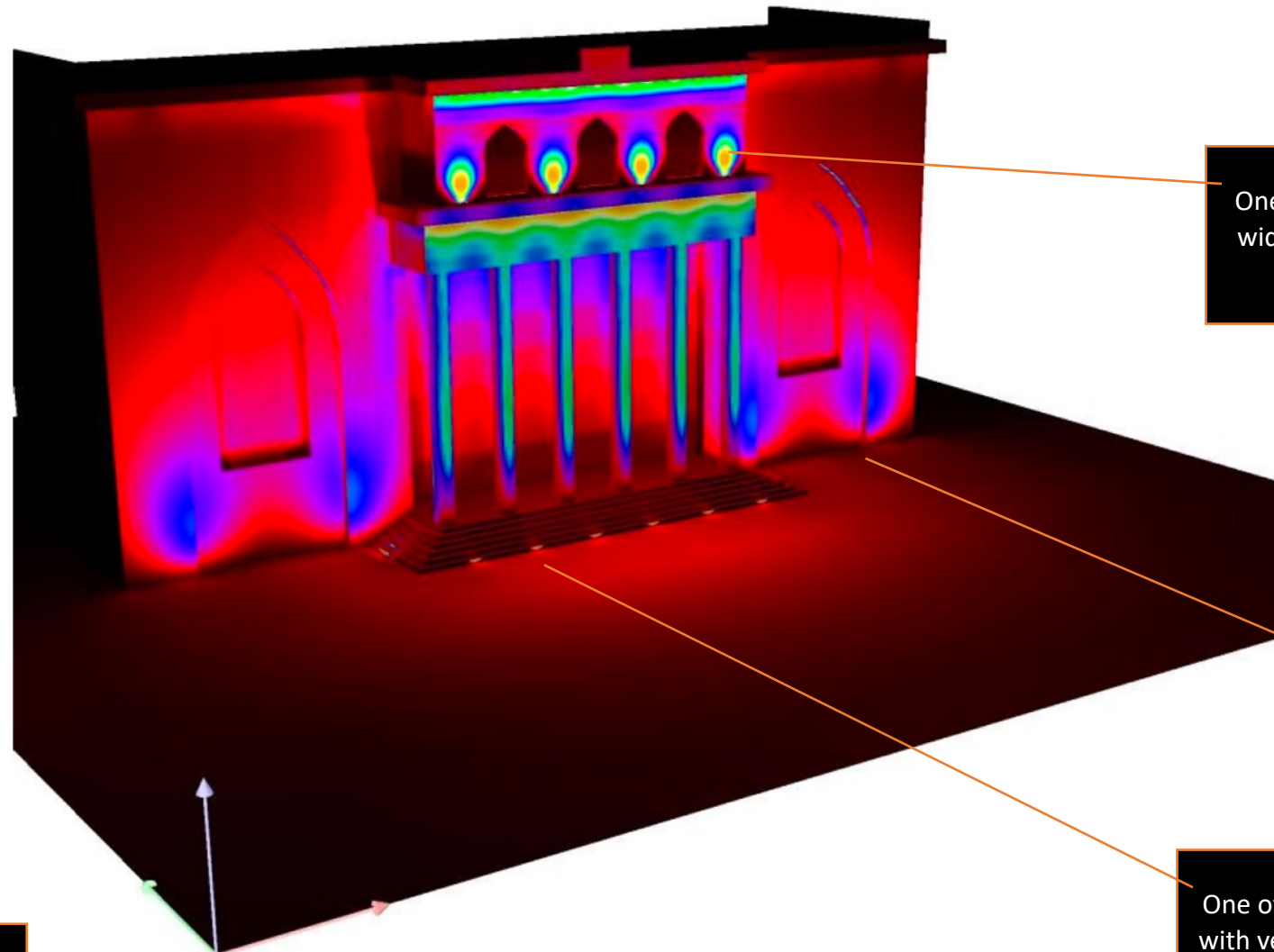
Pillars

Top-centre above portico

Inside portico

Proposed Lighting – Intensity heat-map

based on product specifications



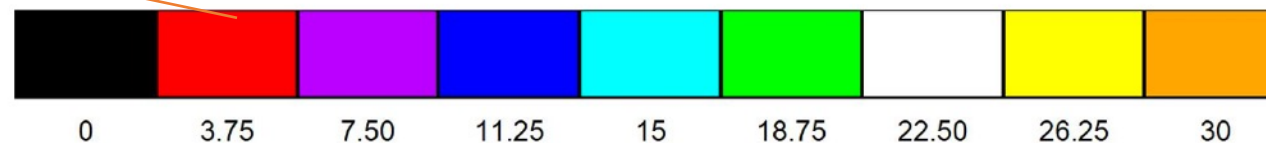
One of four linear uplighters with very wide beams, tilted towards the top of the building.

One of four linear in-ground uplighters (2 on each side) tilted towards the building and directed up it.

One of six circular in-ground uplighters with very narrow beams, tilted towards the pillars and directed up.

We drew a scale model of the Guildhall and simulated different lighting fixtures to check the effects.

This scale shows the change in lighting intensity (brightness) on the building. A larger number is a brighter level of light.



lx

Key Considerations for Cost Summary

- Fittings
 - All these fittings are highly waterproof (better than currently installed).
 - All fittings have a a 5-year warranty.
 - The quality of light is excellent, which matters on a public building such as this.
 - Focused lighting that is specific in lighting the building features, rather than flooding the area and increasing light pollution.
 - LHS and RHS fittings are walk-over compliant, with pillar fittings drive-over compliant.
 - All fittings are LED with very low power consumption with 54k to 120k hrs life.
- Control System
 - The system is very reliable and easy to operate.
 - The system knows the changing sunset timings during the year and can therefore automatically adjust the lights timing, helping to reduce costs and complaints.
 - The system can be adjusted to accommodate different colour schemes for various events, including changing colours on a cycle. Once set up, these can be easily selected in the future without having to do the work again.
- Installation
 - The installation team are highly experienced in doing this type of work and have worked for other local authorities in public spaces.

Proposed Lighting – Cost Summary

- Costs
 - LHS and RHS = £10.7k
 - Centre – inside and above portico spaces = £8.8k
 - Centre – 6 pillars = £15.9k
 - Single control required by any/all options = £1k
- Included:
 - Provision of all luminaires and control programming
 - **Colour / intensity** – choice of white or coloured lighting and selection of intensity (dimming)
 - **Zoning** – ability to control the 5 zones (LHS, RHS, pillars, inside portico, above portico) separately. *It would be possible to control the lights individually (LHS x 2, RHS x 2, pillars x 6, inside portico x 4, above portico x 4 = 18) but this would incur additional cost and would need to be decided before the products are ordered.*
 - **Timers** - ability to set when the lights turn on/off on daily, weekday, etc. and if required in relation to changing sunset.
 - **Animation** - ability to set light-changing routines.
 - Installation
 - An experienced two-person team to install the lighting, cabling and control.
- Installation Exclusions and Caveats -
 - The installation team would contract with SCC directly.
 - All materials have been estimated.
 - Ground works to be completed by others, including any required cutting of ground and slabs.
 - All service ducts assumed to be okay and free to feed cables though.
 - All works are estimated and to be confirmed.