

Technical Notes

Projection Content Creation

Dundee City Council: Festival of Architecture

Event Date: 18th & 19th November 2016

St Mary's Church building will be lit up with projections and feature lighting as part of the Festival of Architecture celebrations in Dundee. The following projection template images have been produced for the purposes of assisting others with creating suitably scaled content for projection onto different parts of the building:

- Main Entrance elevation
- Roof elevation
- Shopping centre elevation
- Street elevation

There is to be 1 projector per elevation.

Projection Template Images

All projection template images have been tested by scaling to 50m high (the height of the tower). The width of the projection template images match measurements that we have been able to scale to date, so the overall size of each template should be accurate.

The templates are sized to fit within a full HD scene (1920 x 1080) so they can be used in any home or commercial video software from iMovie to Premiere Pro and After Effects. Content can also be created in photo collage programs or PowerPoint, from simple slide shows to full animation.

Each image has been perspective-corrected to yield an orthogonal image. Once we receive the content, our team will check the position of key features such as the windows and the clock etc. This is to ensure these features line up with the content designs.

NOTE: The projection template images we have created must not be scaled up or down or have their aspect ratio changed as this will destroy the alignment with the building.

Rendering The Design Files

The creative content is to be designed on top of the projection template images. Once the content has been created, the templates are to be removed before rendering the content.

We will need the final rendered designs as .MOV files a .DXV3 codec. If required, the DXV3 Codec is free to install and is available from www.resolume.com.

At the point of rendering, if any guidance is required about final movie containers and codecs, we are happy to talk this through with you.

If you would like us to convert your animations or movies to the format we require, we are happy to do so. We will need final content no later than 1 month prior to event date.

Building Projection

Upon receipt of final content, we will project the content on to the building and align it.