

# luma:ratio

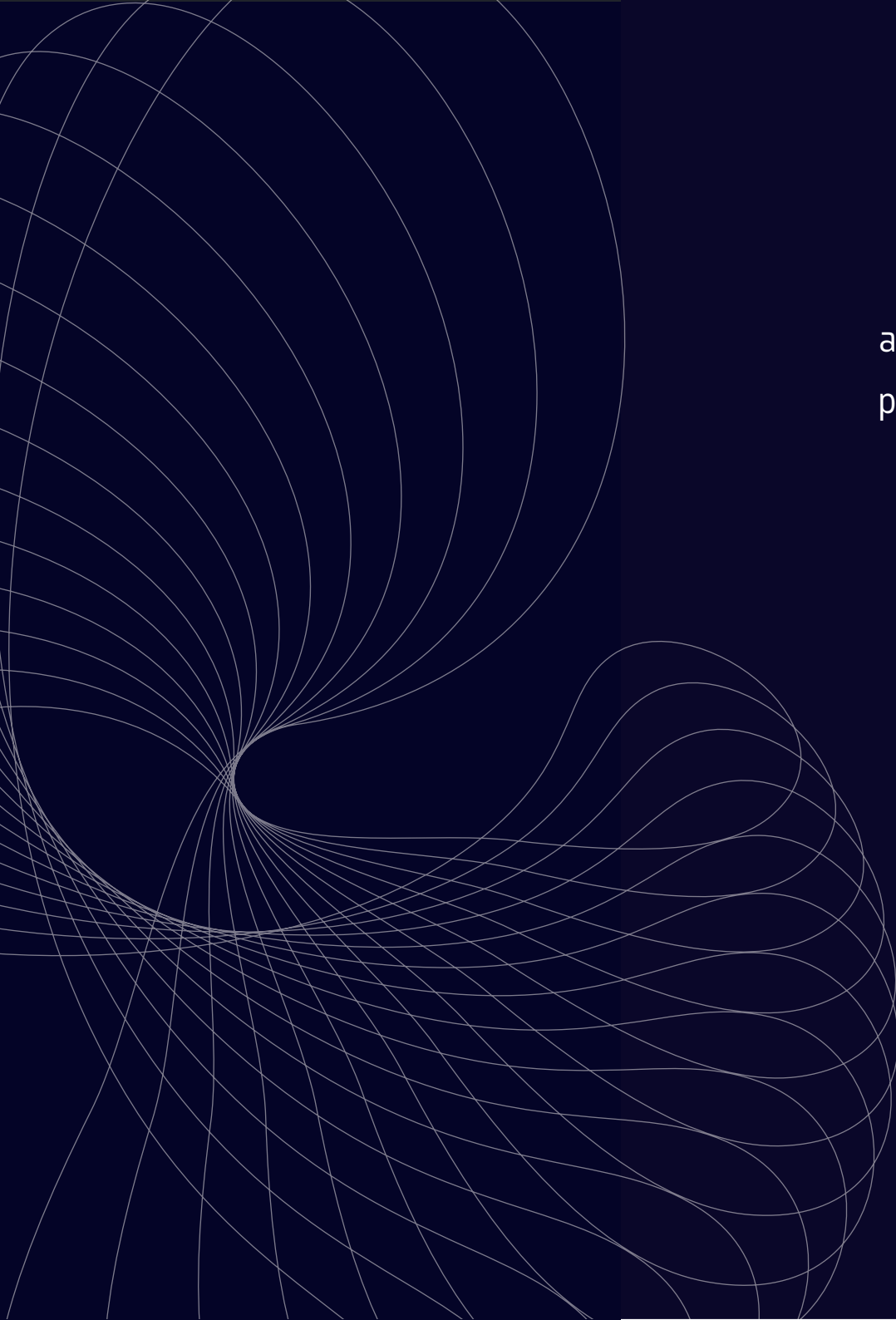
Carlos Bernal  
luma:ratio

AV, Light Installations &  
Performance  
Credentials 2025

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Duomo - St,George's Hall - Liverpool



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“Bringing excitement through  
audiovisual experiences, mapping  
projections & live performances”

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## About



**luma:ratio is an audiovisual project founded by Carlos Bernal providing Interactive installations, video mapping projections and live performances in a new and exciting way.**

I'm an audio-visual artist & motion designer based in Manchester (UK).

With a decade of experience in multimedia Arts and Design, my works are focused on projections of light in space and it's influence on our perception generating installations and site specific light sculptures as well as Video Mapping structures and structural lighting for stage design.

Starting my creative career in Valencia (Spain) before going for a year on artistic scheme exchange to Paris where I gain experience on visual manipulation and video mapping techniques.

Later on moved to Manchester where I starting playing visuals at venues and clubs around the city, developed an interest for artistic applications using projections and lighting design, signing contracts with light festivals across the UK and Europe.

Balancing my career between Audiovisual Installations and Motion Graphics, always in the hunt for a new opportunity to showcase a new and exciting piece of work.

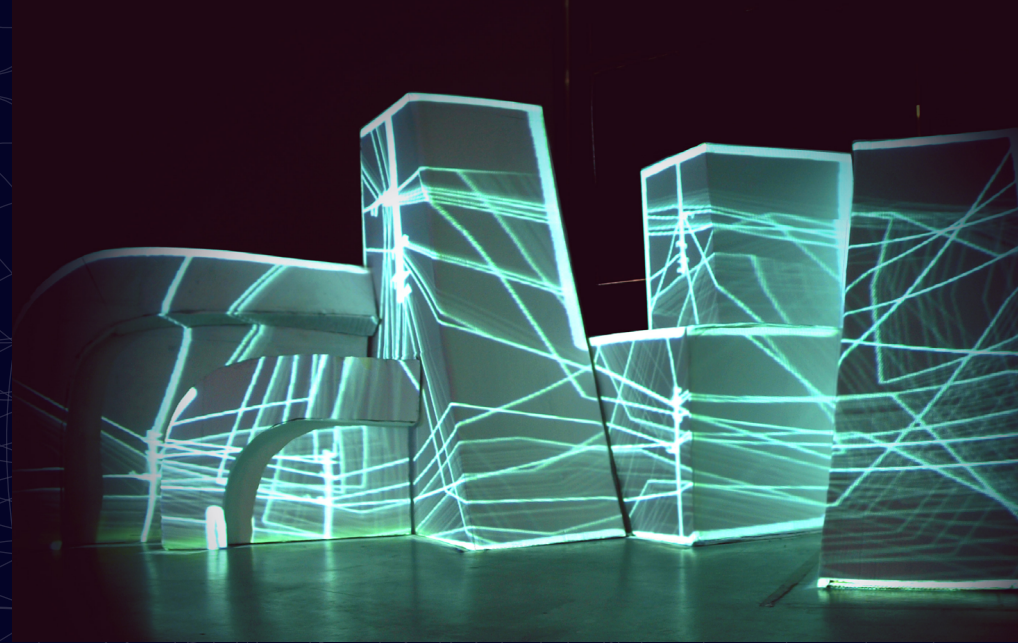
**"My aim is to not leave anyone indifferent when looking at one of my projections, a reaction down to the spine"**

## Everything starts with the audience

I think on every project as I was the one who is going to enjoy the show in first place, the audience is my main engine to build and develop new ideas.

From a briefing or first idea through the whole process of designing and construction, I always think on how the final mapping or installation will look under the audience eyes.

I like to play with lights and shadows to represent *diverisfications of the reality that we are used to see every day*, I want to transport our audience in to a new universe, a place where they can lost themselves and escape the reality just for a few minutes. If I feel the shivers in the back of my spines when watching a finished piece, I can then present it to the audience and hope they will get those “shivers” too.



## Career Progression

Almost a decade past since I presented my first video mapping installation, a concept of projection that back in the day was still underdeveloped and not well known as it is nowadays, since then multiple projects and shows either as live performer or as site specific installation have been achieved, a brief list of some projects listed below:

**Chorlton Arts Festival** (Manchester) // Audiovisual Installation - Entropy v.1 [www.chorltonartsfestival.com](http://www.chorltonartsfestival.com)

**British Science Festival** (Bristol) // Audiovisual Installation - Entropy v.3 [www.britishscienceassociation.org/Event/british-science-festival-2015](http://www.britishscienceassociation.org/Event/british-science-festival-2015)

**Aberdeen SPECTRA festival** - Audiovisual Installation - NTRPY v.3 [spectraaberdeen.com](http://spectraaberdeen.com)

**Liverpool Light Night 2016** - Audiovisual Installation - [www.lightnightliverpool.co.uk](http://www.lightnightliverpool.co.uk)

**Manifest Art Festival** (Manchester) // Audiovisual Installation - NTRPY v.3 // [www.facebook.com/manifestartsfestival](http://www.facebook.com/manifestartsfestival)

**Tilt Dance Manifold - The Kazimier Liverpool** // Interactive Dance Performance with Kinect and live visuals, collaboration with Art Vanguard collective and Emmy Lahouel // [www.thekazimier.co.uk](http://www.thekazimier.co.uk) // [www.art-vanguard.com](http://www.art-vanguard.com)

**Kulturos naktis - Vilnius** (Lithuania) - Audiovisual Installation // <http://kulturosnaktis.lt>

**Aberdeen SPECTRA festival** - Audiovisual Installation - NTRPY v.3 [www.spectraaberdeen.com](http://www.spectraaberdeen.com)

**Liverpool Light Night 2017** - Live Performance and Audiovisual Installation - [www.lightnightliverpool.co.uk](http://www.lightnightliverpool.co.uk)

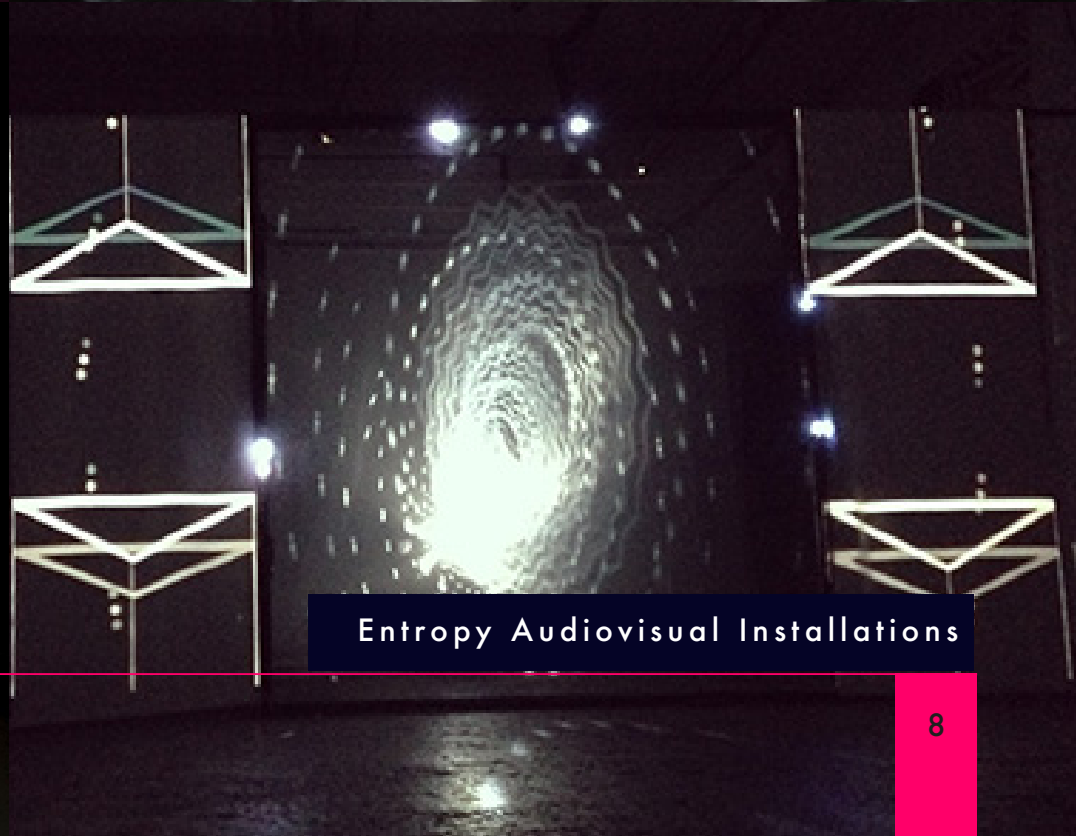
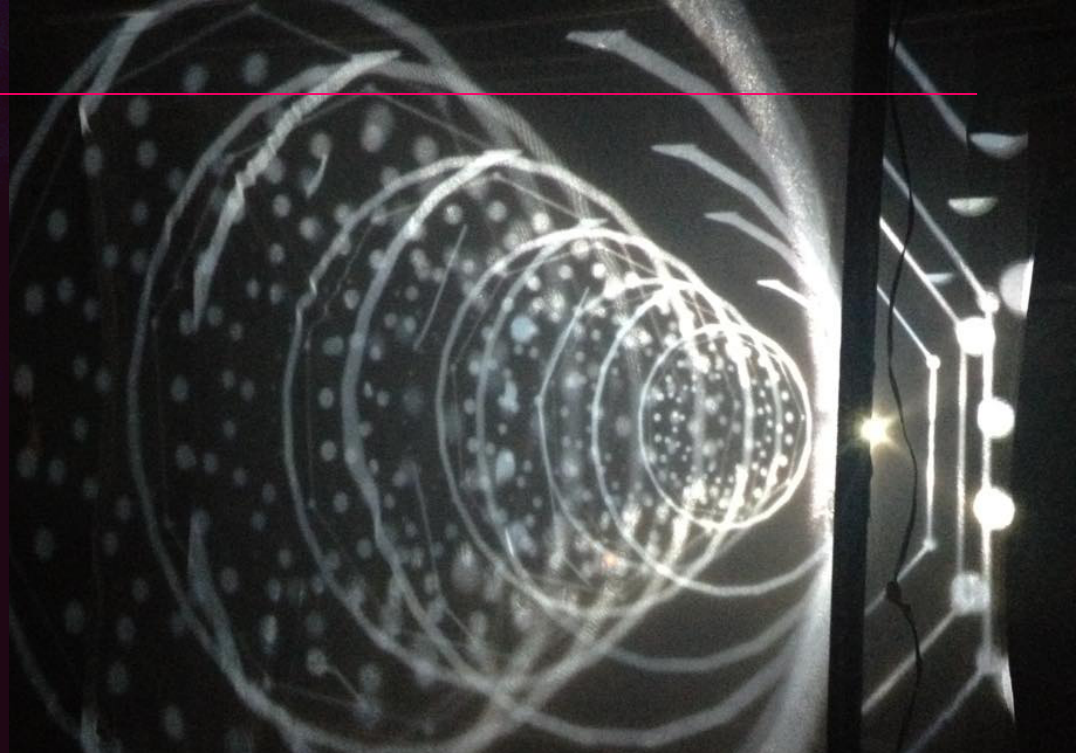
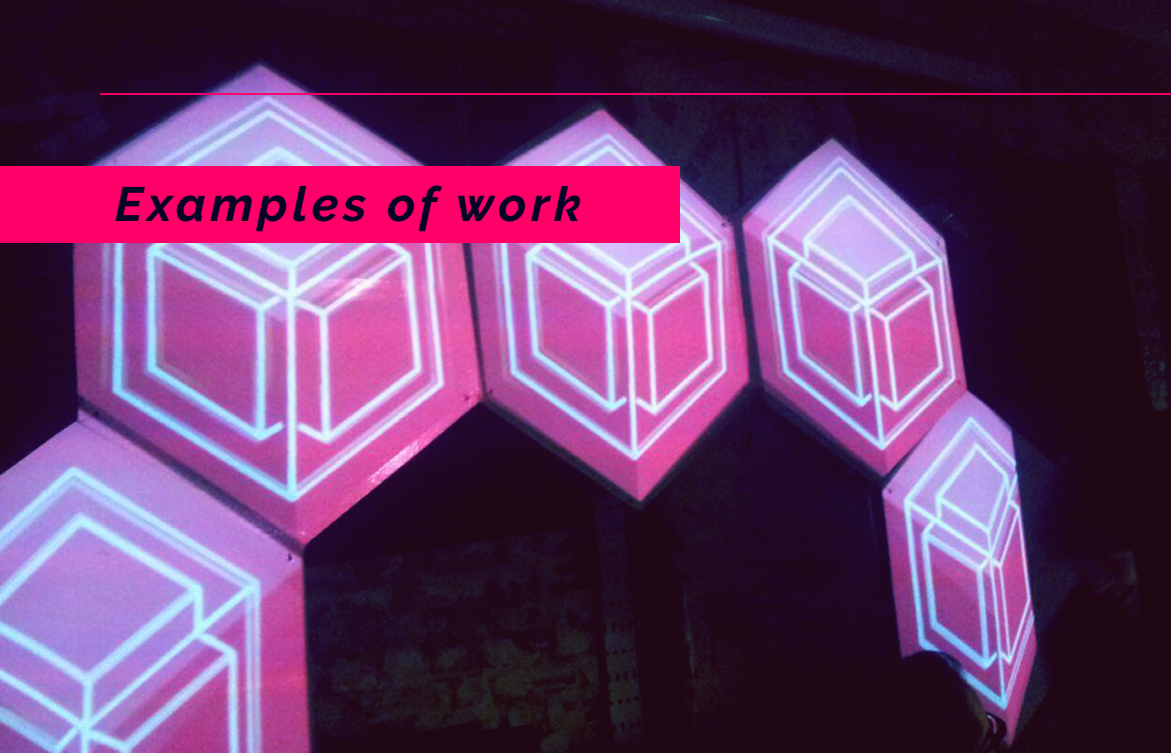
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*Examples of work*



Entropy Audiovisual Installations

*Examples of work*



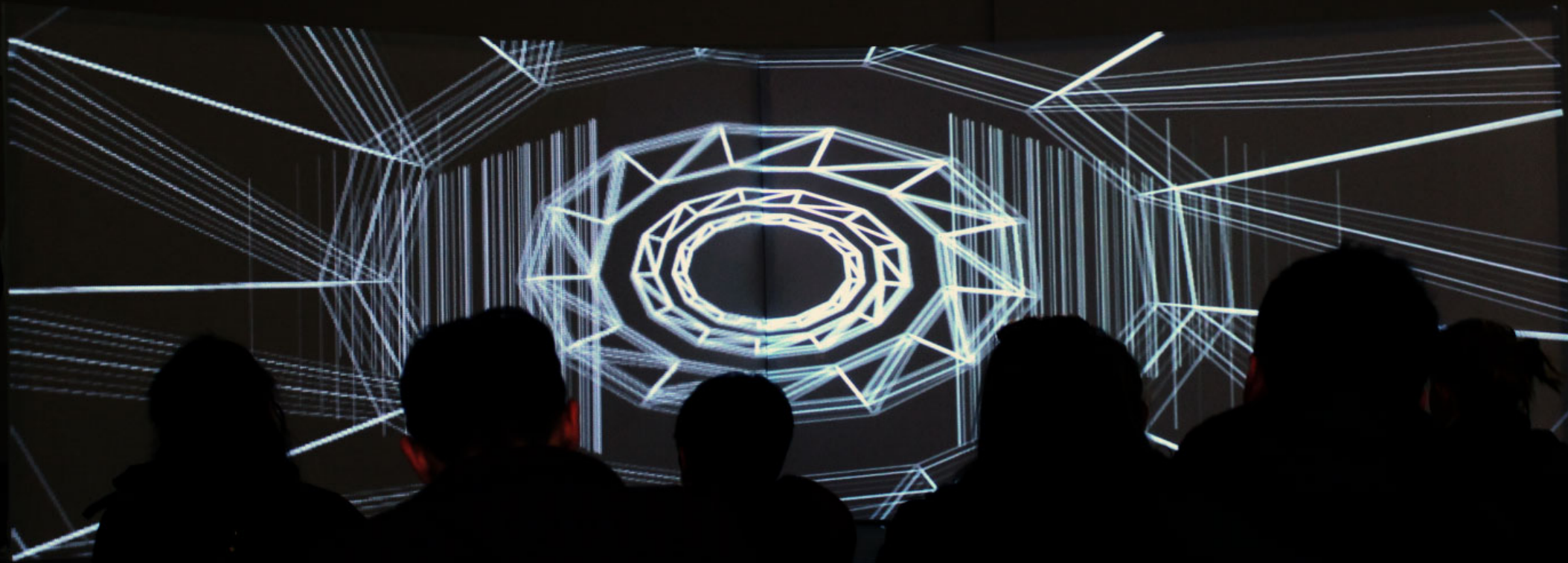
Entropy Audiovisual Installations

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*Examples of work*

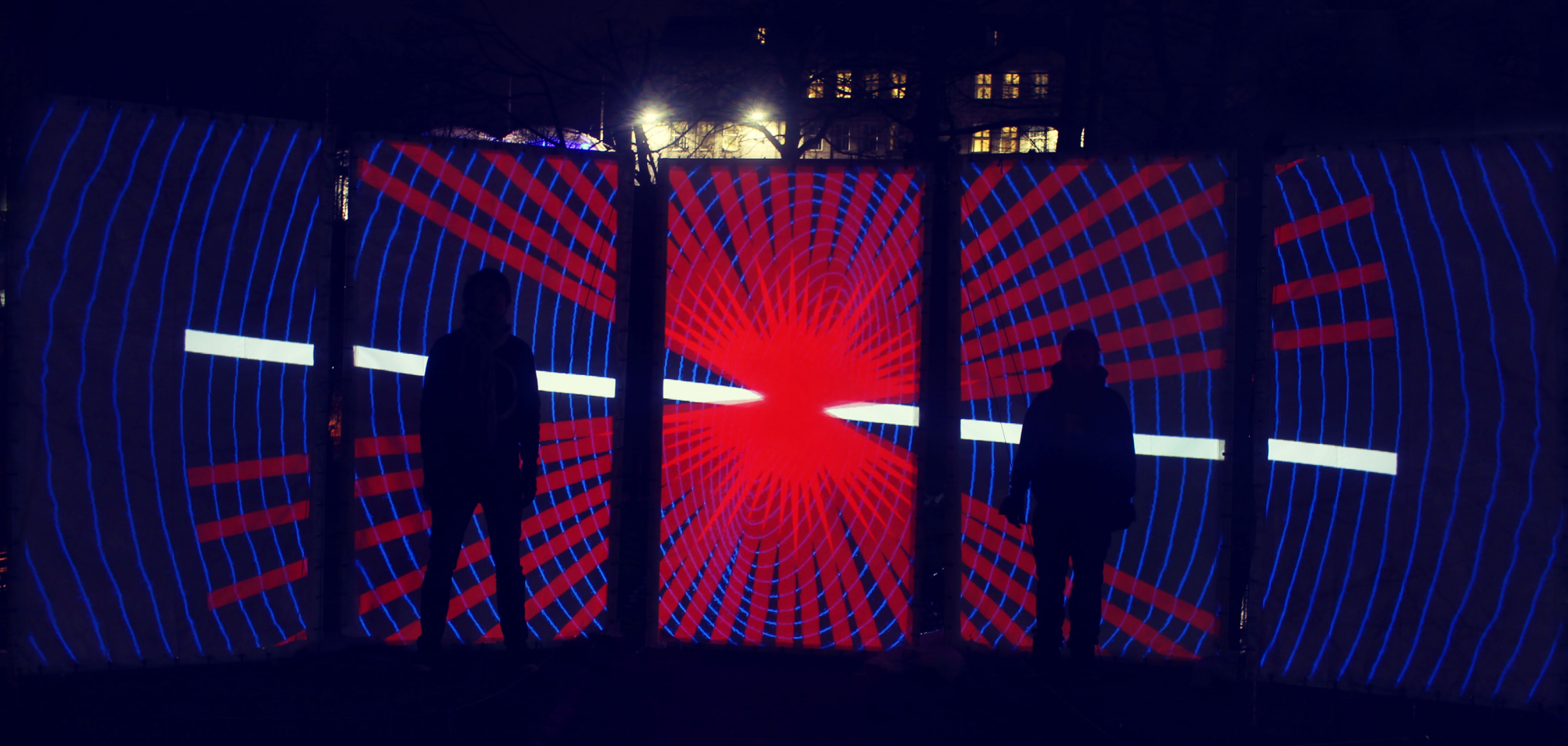


Roni Size - AV installation and content



Anamorphix, Liverpool Light Night Live Performance

## Examples of work



ADAPT 5 - Aberdeen Spectra 2017

*Examples of work*




Duome - St,George's Hall - Liverpool



ON footwear interactive display



Adidas retail activation



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As an Audiovisual Artist I can provide a wide range of skills within the AV Industry such as:

- Projection Mapping
- Stage Design and Live Performance
- Motion Graphics
- Lighting Sculptures
- Live AV Performance
- Interactive experiences with Touch Designer

## THANKS FOR READING

I hope you like what you see inside this document. I'm really excited to hear your feedback, please feel free to write me an email to [carlos@pongomotion.com](mailto:carlos@pongomotion.com) or if you'd like to discuss on the phone please call on [+44 7706 435 089](tel:+447706435089).

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