

## MIRRORED LIGHTSCAPES

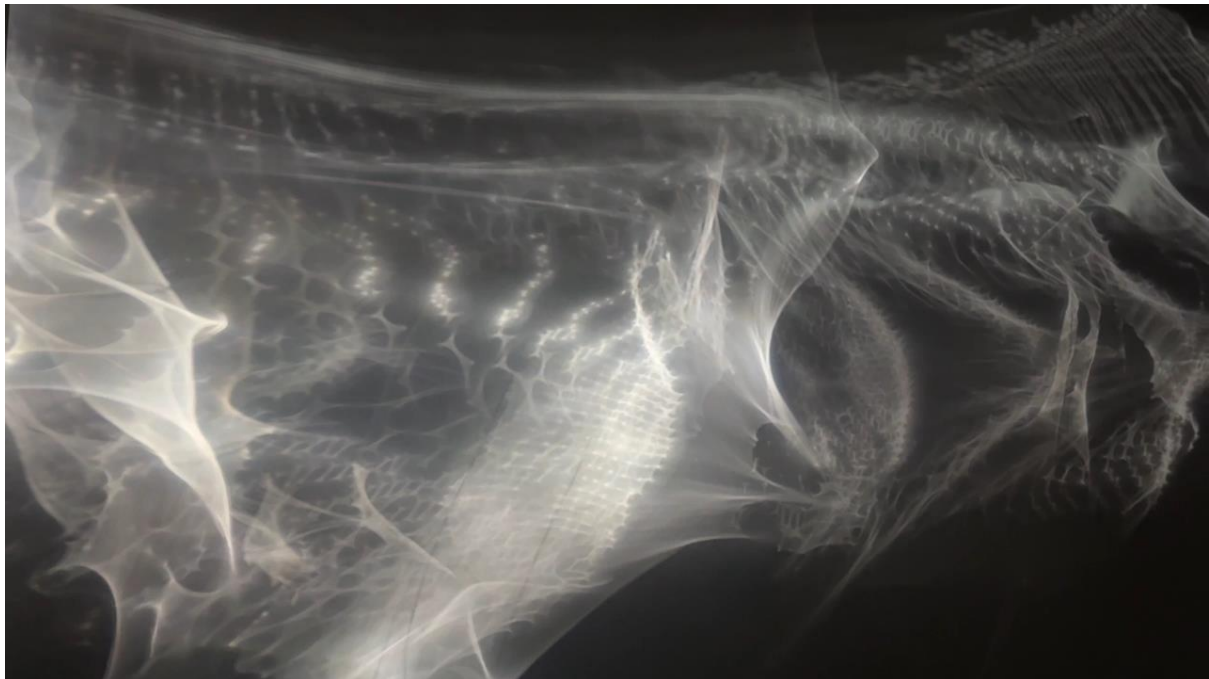
Exhibition dates: 1<sup>st</sup>– 19<sup>th</sup> September

13<sup>th</sup> September, 6pm – 11pm - Opening night 7pm -

8pm - Panel talk

[art'otel London Hoxton](http://art'otel.com/London/Hoxton)

1-3 Rivington St, London EC2A 3DT



Light has been used since antiquity as a conceptual tool in the construction of drawing projections. This work uses light as a device to create live drawings that can change in real time. Erel uses a combination of digital fabrication and hand craft to develop three dimensional reflectors. As light reflects off the revolving reflector surface it transcribes the three-dimensional information coded in the mirrored material in minute scale into a dynamic spatial lightscape that engages the viewer in a meditative gaze. As the reflectors revolve, the light drawings transform, projecting the three-dimensionality of the surface and creating a dynamically changing lightscape. The reflector topography was derived from aspects of the human anatomy (vocal cords, mouth, lungs) and fabricated with the use of a robotic arm that embosses the surface of a stainless-steel mirror surface. They create an alternative way of spatializing imagery of the human body as light density.

Immersive light projections serve as the illumination source for the physical phenomena of reflection, amplifying minuscule conditions that are normally overlooked and translating micro scale surface events into otherworldly light drawings at an architectural scale. As viewers interact with the work, the microscopic transcription blends aspects of natural sciences and with spatial reverie, engaging the viewer's curiosity and extending their way of seeing their environment. These lightscares reflect upon both technology and nature, and the movement embedded within the work allows for an immersion within a world that is both rational and mysterious.

Part of the London Design Festival program, Mirrored Lightscares features a soundscape by Italian composer and transmedia electronic artist Gadi Sassoon. His piece, Luminal Space, continues the sonic explorations of his 2025 album Modes of Vibration, blending classical composition, fine art, and experimental algorithms to craft a sonic experience that is both raw and precisely engineered.

Curation by Alisa Lisovskaia, art & culture program manager at art'otel London Hoxton.



**Opening night and panel talk**

13<sup>th</sup> September

6pm – 11pm

art'otel London Hoxton

1-3 Rivington St, London EC2A 3DT

### Panel talk **Digital Art, Light, and the Embodied Image**

Join artist Yael Erel in conversation with Avner BenNatan, Gadi Sasson, and Andy Lomas for a dynamic panel exploring the intersection of digital art, light, and the human body. Taking Erel's exhibition *Mirrored Lightscares* as a point of departure, the speakers will discuss how light can act as both material and medium in contemporary art practice. The conversation will delve into experimental uses of digital fabrication, robotic processes, and generative systems, highlighting how artists today translate scientific imagery and natural forms into immersive, meditative experiences. Together, they will reflect on the evolving relationship between technology, nature, and perception in the realm of digital and light-based art.

#### **Speakers:**

**Yael Erel**, an architect, educator and award-winning light artist

**Avner BenNatan**, founder of Lighttexture lighting practice

**Andy Lomas**, an Emmy award-winning computational artist exploring the complex nature of form and the simulation of growth processes.

**Gadi Sassoon**, a contemporary classical electronic composer and transmedia artist from Milan whose work spans traditional music releases and live installations



## Yael Erel

Yael Erel is an architect, educator and light artist. She interweaves light research with academic teaching and practice. Erel is a registered architect as well as president and co-founder of *lighttexture*, her lighting practice, where she designs and constructs light fixtures and light art installations. She graduated with honors from The Cooper Union and Rensselaer Polytechnic Institute. Erel has been teaching architecture since 2004; she has been immersed in architectural education and taught architecture at Harvard GSD, Columbia University, Pratt Institute, The Cooper Union, and is currently an Assistant Professor at the Rensselaer School of Architecture.

Erel's work has been published and exhibited at CAM the Center for Mediterranean Architecture, Chania Greece, EMPAC (Experimental Media and Performance Arts Center in Troy new York), Troy Glow Light Festival, John Hartell Gallery, Cornell University AAP, the miSci Museum of Science, Albany Airport, MIT as well as NYC and Philadelphia Galleries among others. Her project Reverberating light was a finalist for the 2024 Lumen Prize and received best project in ACADIA 24 conference and was awarded 1st place the 2023 (d)arc Award ART (low) and an IES 2025 Merit Award. Erel and her practice lighttexture won the second prize in the 2022(d)arc Awards for their project *Reflecting on Troy*, featured in the Troy Glow Light Festival. She has lectured internationally in KTH Royal Institute of Technology, Sweden; Tel Aviv University, Israel; Toronto Metropolitan University, Canada; California College of the Arts, Burlington

Sessions by Signify, as well as Light Symposium, IES, ACADIA, EAEA and ACSA conferences among others. She is a published writer and the recipient 2020 Architectural Education JAE Best Article Award. She has been awarded the 2015 and 2022 The Robert S. Brown '52 Fellows Program - RPI School of Architecture Faculty Award. She has received the 2024 Arts Thrive and Glow Grant and in 2023 she was awarded both rounds of the NYSCA Individual Artist SCR GRANT towards the project Reverberating Light, installed at EMPAC New York. In addition to her lighting and architectural practices, Erel has also designed jewelry. Her jewelry collection was sold at the MASS MoCA Museum store.

### **Full Project Team Credits**

**Lightscape:** Yael Erel, Avner BenNatan, with support by Carla Leitao and Nic Roscioli-Barran

**Soundscape:** Gadi Sassoon

**RPI research Students:** Alex Fuss, Julian Pasquale, Ethan Aspiras, Scott Sigmund, Javier Torres

**Technical Support:** Claire Moriarty and RPI fabrication labs

***Sculpting Lightscares Yael Erel* process Film - art'otel London Hoxton Auditorium:**  
Chalkley Calderwood



## **Contacts**

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