

# Københavns Kommune

## Værkforslag ifm. Copenhagen Light Festival 2021

*Lyskunst i Københavns rum*

- **Ghosts af StudioVertigo (UK)** se om værket på s. 3-4
- **Rings of Light Jonas Johansson og Olle Bjerkås (SE)** se om værket på s. 5-6
- **Electric Sun af Paula Castillo (US)** se om værket på s. 7-8



## Copenhagen Light Festival 2021 er godt på vej

Vi kan se, at der er mange gode lysprojekter på vej, og vi nærmer os vores målsætning om større og mere synlige lysværker end tidligere.

Vi har dog en del gode projekter, som vi ikke har råd til at realisere. Samtidig er der udsigt til at der kommer mange Københavnerne på gaden i februar 2021, fordi de ikke kan rejse på ferie under Covid19. Det gælder også folk fra andre regioner. De mennesker kunne vi give endnu flere oplevelser, med flere midler. Eftersom vi allerede har vores sekretariat og logistik kørende, vil flere tilførte midler være med meget høj udnyttelsesgrad. De private aktører har generelt hårde tider, hvorfor vi henvender os til jer om dette, så vi kan gøre en forskel for byens borgere.

Vi vedlægger tre konkrete værker, der alle er fra udenlandske kunstnere. Alle tre værker har en høj kunstnerisk værdi og vil på hver sin måde integrere sig i byen og fortælle en historie om København som by. Vi har *Ghosts* der består af 10 lysende origamifugle vi ser for os svæve smukt over Højbro Plads. I den japansk kultur står den foldede trane for frihed og håb gennem svære tider. Vi har *Rings of Light* der med sine 10 ringe, der vil kunne trække

en linje om træerne på Frederiksholms langs Kanal, og vise københavn som grøn by. Og sidst men ikke mindst vil værket *Electric Sun* poetisk referere til den danske maler Vilhelm Hammershøi og skabe fokus på Københavns historiske arkitektur. Vi har indgået aftale om at vi kan vise værket fra 1700-tals bygningen Zieglers Gård på Nybrogade 12, ud mod Frederiksholms Kanal.

Uanset om kunstnerne er fra ind- eller udland har vi sikret os, at de kan realiseres uanset rejserestriktioner. Der er altså tale om mere eller mindre *plug-and-play* værker, vi gerne så i lysfestivalen.

Vi søger derfor om supplerende midler til realisering i 2021. Det totale beløb for at realisere de tre unikke værker er 235.000 dkk. Ethvert bidrag er naturligvis kærkomment, og alle støttøkroner gør en stor forskel for skalaen og mængden af oplevelser i København, under lysfestivalen 2021.



**Jesper Kongshaug**  
Formand  
Copenhagen Light Festival





## GHOSTS

The artwork was inspired by reports of animals roaming urban areas and venturing into locked down cities around the world. Many turned out to be fake news but there have been a lot of genuine sightings of wild animals becoming more bold and curious, exploring the empty streets of the world's largest cities. Animals tend to exist in parts of cities we don't really inhabit, existing on the periphery as an unseen presence, something like ghosts.

In Japanese culture the crane is a mystical creature that is said to live for a thousand years. They have come to represent good fortune and longevity, a symbol of hope and healing through challenging times.

Ten Cranes would be suspended by cables so that audience members can view from below and maintain social distancing. The artworks are faithful representations of origami cranes. They are built from folded 4.5mm natural recycled polypropylene. The internal structural elements are created using folding techniques found in origami. The lights are internal 12v LED and illuminate the entire body of the cranes from within, acting as glowing lanterns.







## ABOUT

For the music festival Into the Woods we created 10 rings of light, with custom hardware, powered by solar and controlled by the visitors through an fun and intuitive interface.

The rings were hung high up in trees, connected to an weather proof power source and signal transceiver, which itself was tethered to a dedicated wifi.

Since the festival had a strong attention to communication with nature, we conceptualised the installation as a means of dialogue with the trees, through light. In order to provide the trees with added identity, we made slight adjustments based on the trees size - a minor addition which gave them a "personality".

While solar power is not a reliable source of energy during winter, this installation would have to be connected directly to a mains power grid.

For Copenhagen Light Festival we are motivated in re-buidling the rings of light at a new location. And while they do not have to be rings, nor hung around trees, we are very interested to keep the interactive aspect of the dedicated WIFI which visitors can easily connect to. And of course, we want to continue the dialogue with nature, having the lights be the medium.

We witnessed during Into the Woods how people would notice certain trees, and their peculiarities, for instance, there was always one that behaved in a specific way and it spurred small moments of conversation. To us, it wa sa great way to in some ways re-create the scene from Lord of the Rings where the Ents and the hobbits engage in deep discussion.

## TECHNICAL DETAILS

The rings are custom made with polypropylene with LED-strips inside. They run on 12V with a max effect of 80 Watts, but their average draw when active is closer to 40 Watts.

They connect to a WIFI hotspot through an ESP32 micro-controller, which is served from a router connected to a Raspberry PI computer.

The PI is itself running a small webserver, which allows visitors to easily reach the interface.

There's also new solutions which remove the need of the PI unit, but we have decided to keep it since it allows us to fetch data from the surroundings (from weather API's) and for us to explore building a custom interface.

## LOCATION

We would prefer to place the light fixtures (rings or other shapes, to be discussed) in a space which can create a type of haven. Rather a passage, we are interested in a clearing, a place where the visitor can feel surrounded, rather than just passing by.

For the Into the Woods festival we named the installation Hugsvala, an old nordic name for place of calm and serenity. A comfort zone.





## ELECTRIC SUN

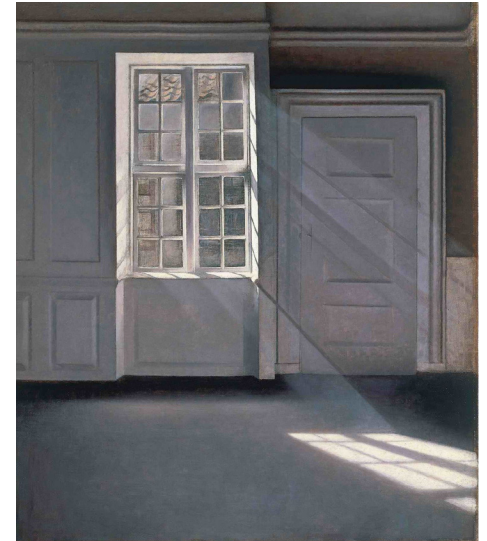
*site - specific installation*

Human time is measured according to our relationship with the sun. Our constant flow around it makes it possible for us to visually perceived time in the movement and color tuning of sunlight. This movement is constantly framed by architectural spaces, but we may be too busy to notice.

“Electric sun” will replicate how the movement of natural light is revealed in an interior environment but will bring it outside, flipping-it around. Projecting light from an interior architectural space through its facade’s windows onto the street, as if the natural light that is present outside during the day, at night was contained inside.

A slow rhythm narrative of white light slowly moving and changing its color temperature will start to animate the street as soon as the sun sets, adding an organic quality to electric lighting and slowing down the pace of hurried pedestrians inviting them to be immersed in this surreal/magical scene, to recognize the endlessly changing character of light, and to reconnect with the emotions and feeling that are naturally linked to the experience of organic lighting phenomena.

The intervention will need an accessible building facade in a relatively dark street. Ideally, it would extend to a full block within the festival pedestrian route. Specific site conditions will determine the exact dimensions and technical applications, but aesthetically the Danish classic window facades are a perfect fit.



Vilhelm Hamershoi and Jim Holand represent natural light as a volume being framed by architecture



# Støtteanmodning

Vi søger udvalget om støttebeløb: 235.000 DKK

Se nedenstående detaljering og fordeling.

- **Ghosts, af StudioVertigo (UK)**

Pris for værk: 100.000 DKK

Privat sponsorat: 25.000 DKK

Vi søger udvalget om støttebeløb: 75.000 DKK

Beløbet dækker Opsætning i 3 uger 5 - 27 februar 2021, Kunstnerhonorar, teknisk support til opsætning, transport af værk, rejseomkostning og ophold for kunstner

- **Rings of Light, af Jonas Johansson og Olle Bjerkås (SE)**

Vi søger udvalget om støtte: 60.000 DKK

Beløbet dækker Opsætning i 3 uger 5 - 27 februar 2021, Kunstnerhonorar, teknisk support til opsætning, transport af værk, rejseomkostning og ophold for kunstner

- **Electric Sun, af Paula Castillo (US)**

Samlet pris for værk: 135.000 DKK

CLF kuratorpulje støtter værket med: 35.000 DKK

Vi søger udvalget om støttebeløb: 100.000 DKK

Beløbet dækker Opsætning i 3 uger 5 - 27 februar 2021, Kunstnerhonorar, teknisk support til opsætning, transport af værk, rejseomkostning og ophold for kunstner, leje af udstyr.



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