

A person is lying on a bed in a dark room, looking up at a vibrant, glowing blue and white nebula or galaxy in the night sky. The person is wearing a dark shirt and pants, and their head is resting on a white pillow. The bed has a white sheet and a dark blanket. The overall scene is dreamlike and ethereal.

LUCID DREAMING

A LUMINOUS WISH

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F2015-036

INTRODUCTION

A lucid dream is defined as a dream during which dreamers are aware that they are dreaming.

Like most dreams, lucid dreaming occur during rapid eye movement sleep REM.

Lucid dreaming is certainly an attractive and fascinating prospect as being able to explore our own inner worlds with full awareness that we are in a dream is intriguing and has an almost magical flavor to it.

The practice of learning to lucid dream to stop nightmares from occurring or recurring is called “lucid dreaming therapy.”



ABSTRACT

The concept of my thesis is based on the lucid dreaming effects and experiences. I want to create a transition that connects dreams and reality.

Fascinated by the worlds that is hidden to us, worlds in the deep sea, outer space or inside our imagination. Lucid dreaming is an interesting practice I started 3 years ago and since then I realize that this has helped me in improving my personality. It helps in reducing stress and has made me more confident during this time.

Lucidity in dreams takes the person to a mental state in which the dreamer is aware of the fact that he is dreaming while the dream continues. In a lucid dream senses are heightened as Sight, sound, smell, taste, and touch are all more extreme than in real life. Emotional feelings are intensified with happiness and pleasure from engaging in enjoyable activities.

I was inspired from the curious worlds inside our dreams where people can submerge themselves in another world of glimmering LED lights. I am trying to create an experience where you can share experiences with strangers in an open and vulnerable way. I want to twist the perspectives, and create a fantasy world using interactive textile materials and animated lights.

The vivid and luminous fiber optic is used to create innovative approach towards design and glow in the dark will keep the mystery of the dreams alive. The driving force is to create some kind of alternate reality, where refuge can be taken from everyday life.



The first thing that attracts people to lucid dreaming is the potential for adventure and fantasy fulfillment. This incredible power lets you to explore distant worlds, have adventures, superpowers, women, explore your inner self, identify, confront and destroy your inner demons, and even fly. Your dream will become real to you, will be able to smell the air around you, feel the mud in between your toes, hear sounds, feel the wind blowing in your hair and many such amazing feats.

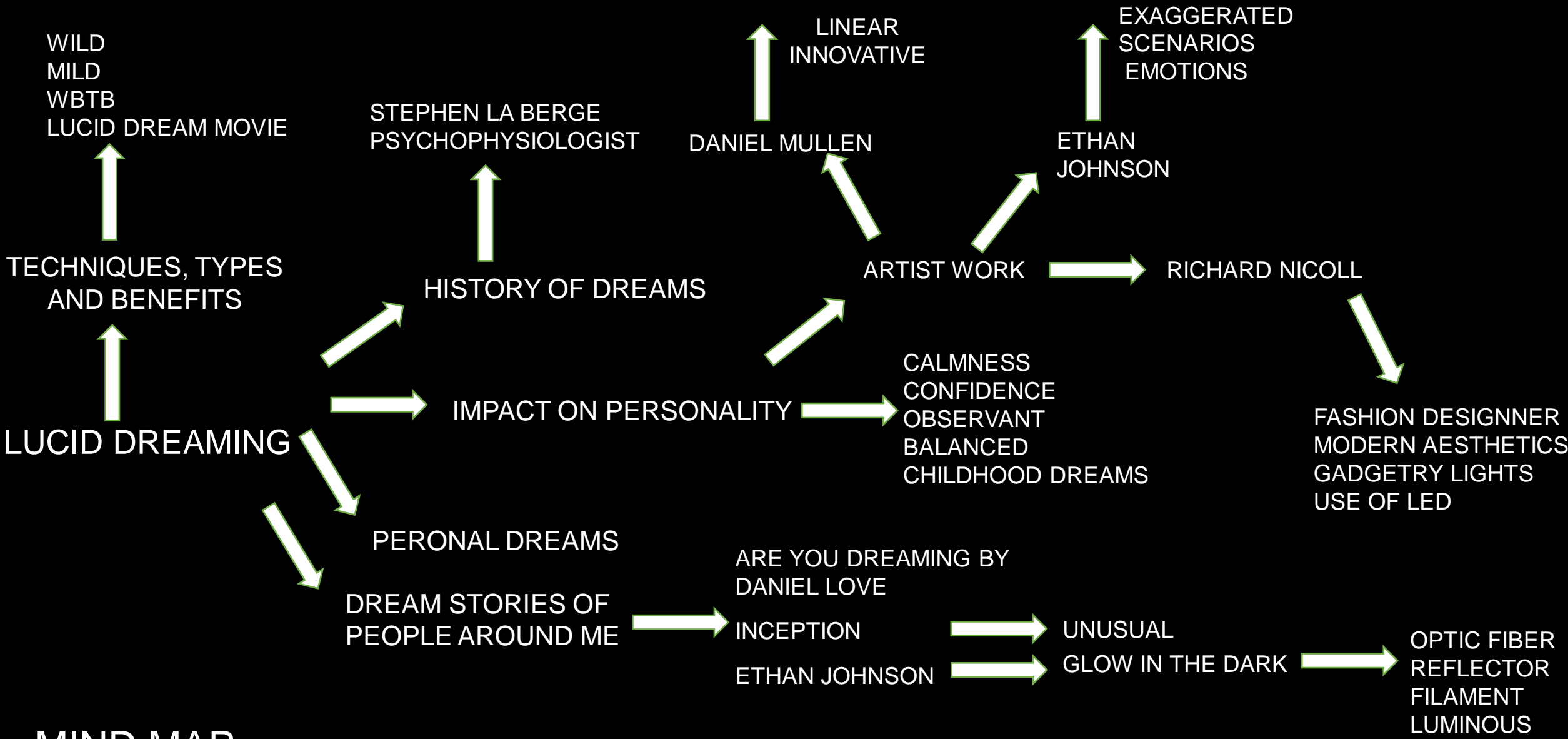


My initial step was to collect information on lucid dreaming and its effects.

Lucid dreaming techniques train your mind to notice your own consciousness.
They're also designed to help you regain or maintain consciousness as you enter REM sleep.

I started with the images of all the nostalgic memories and stories of my personal dreams.

Having personally experienced numerous lucid dreams since childhood has made me a mentally strong person.



MIND MAP

PRIMARY RESEACH



Wrote down and documented the experiences of people's dreams.

Wrote down my personal stories of dreams.

Then I started collecting images related to the experiences of lucid dreaming

Changes in expressions of people before and the day after.

SECONDARY RESEARCH



Books
ARE YOU DREAMING
ALICE ADVENTURE IN THE
WONDERLAND

Movies on lucid dreaming
INCEPTION
SOURCE CODE
MATRIX
LUCID DREAM

DR STRANGE COMIC

Articles of psychologist in favor of lucid dreaming

LUCID DREAMS AND ITS IMPACT ON PERSONALITY



HISTORY OF LUCID DREAMING

Dreams have been of paramount importance to cultures throughout the ages. Native Americans viewed dreams as portals to the spirit world, paths to prophecy and quests.

The Aborigines refer to the stories of the world's very beginning as their dreaming.

Aristotle may have been the first to write about lucid dreaming

A Dutch psychiatrist named Frederik van Eeden came up with the term for lucid dreams in 1913.

He claimed there are three types of lucid dreams

1. Symbolic
2. Ordinary
3. vivid

Stephen LaBerge, a psych physiologist with a Stanford degree who heads up the Lucidity Institute, which is dedicated to the study of lucid dreams and their application to daily life.



STEPHEN LA BERGE PSYCHOPHYSIOLOGIST

Stephen LaBerge (born 1947) is an American psychophysiological specialist in the scientific study of lucid dreaming.

He developed MILD technique which is used for lucid dreaming till today.

Pause now to ask yourself the following question: 'Am I dreaming or awake, right now?' Be serious, really try to answer the question to the best of your ability and be ready to justify your answer.

— *Stephen LaBerge* —

NOT ALL LUCID DREAMS ARE
USEFUL BUT THEY ALL HAVE A
SENSE OF WONDER ABOUT THEM.
IF YOU MUST SLEEP THROUGH A
THIRD OF YOUR LIFE, WHY
SHOULD YOU SLEEP THROUGH
YOUR DREAMS, TOO?

Stephen LaBerge



BENEFITS OF LUCID DREAMING

- It helps you overcome fear and phobias
- It can help in taking important life decisions with clarity
- It is good for emotional releasing as it overcomes fear, stress and doubts.
- It creates a better connection of a person between body and soul.
- It can help the persons creativity and adventurous nature to rise.
- It helps the person to think beyond imagination and improves the person ability to take risks.
- It helps to overcome depression, anxiety and physical disorders.
- It helps in improving the persons memory, PTSD, emotional changes and traumatic flashbacks.
- Lucid dreaming could potentially benefit physical rehabilitation.



TECHNIQUES USED FOR LUCID DREAMING

- REALITY TESTING
CAN BE DONE BY CHECKING
MIRRORS
PUSHING SOLID OBJECTS
LOOK AT THE TIME
CHANGED SHAPE OF HANDS
BREATHING

- WBTB
CAN BE DONE BY SETTING
AN ALARM FOR FIVE HOURS
AFTER BEDTIME.
GO TO SLEEP AS USUAL.
WHEN THE ALARM GOES OFF,
STAY UP FOR 30 MINUTES
FALL BACK ASLEEP.

- MILD
INTENTION TO REMEMBER
THAT YOU'RE DREAMING
AS YOU FALL ASLEEP, THINK OF
A RECENT DREAM
IDENTIFY A DREAM SIGN OR
SOMETHING THAT IS
IRREGULAR OR STRANGE IN
THE DREAM

- WILD
WAKE-INITIATED LUCID DREAM
(WILD) HAPPENS WHEN YOU
DIRECTLY ENTER A DREAM
FROM WAKING LIFE

Collected images and recomposed them
to give them a personal perspective.



Images are not defined to keep the influence
mystifying



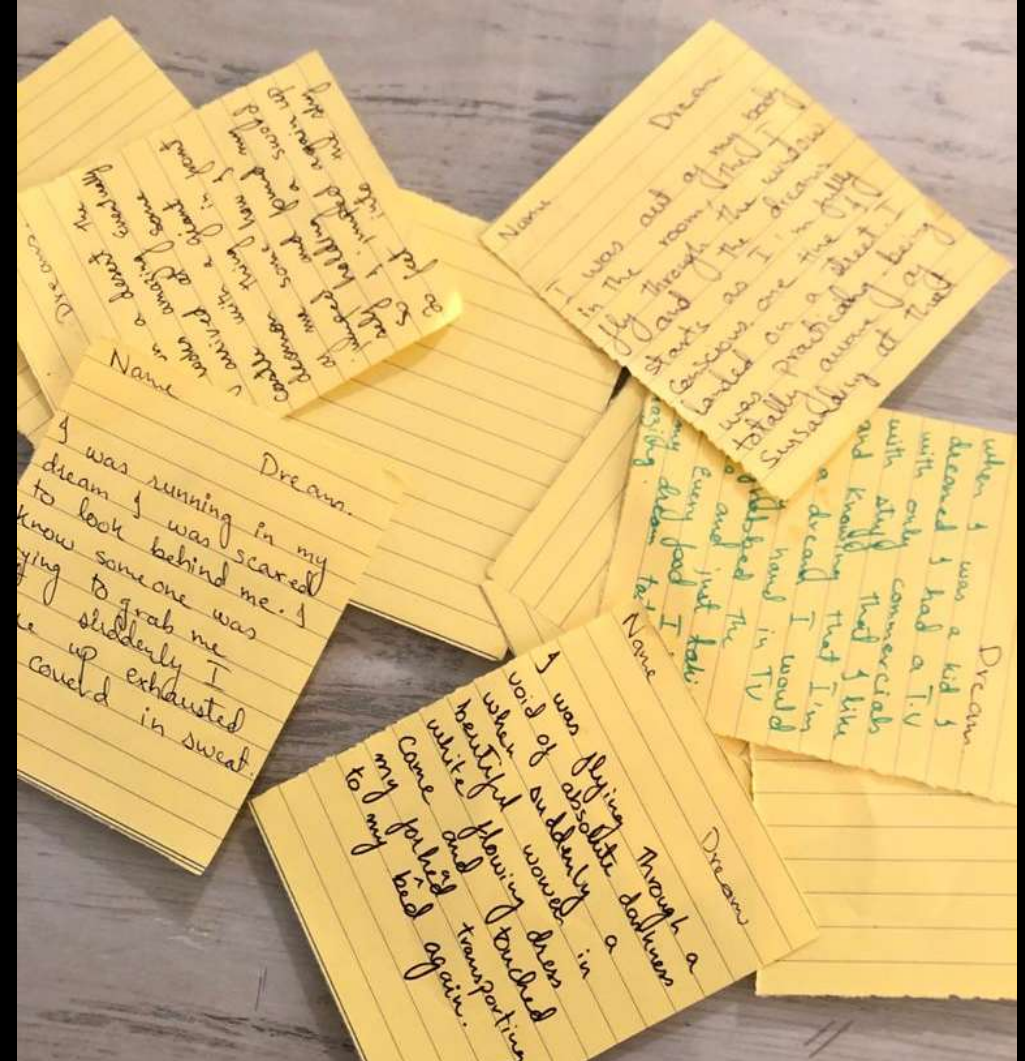
About 55 percent of people have experienced one or more lucid dreams in their lifetime.





Collected stories of dreams from people around me and wrote down my personal experiences of dreams

My most lucid dream, about 2 years ago, is one of the most amazing experiences of my entire life. I knew I was dreaming, and I had complete control over myself. I had lucid dreamed before so from experience I knew I could fly. I took off and flew around this very detailed garden. I looked in great depth at the head of a sunflower to see what would happen when I looked in detail. Then I looked at my hand, because I had heard that hands never look normal in dreams. The fingers came out as normal, but then each would split in two, and those would split, and so on. It was like a fractal hand. Eventually it did stop and I could feel myself waking up, and the ground started becoming simple and normal. Then I woke up.



Name
Dream.
when I was a kid I dreamed I had a T.V with only commercials with stuff that I like and knowing that I'm in a dream I would stick my hand in TV and grabbed the objects and just taking them Every food I try in my dream taste amazing.

and knowing that I'm in a dream I would stick my hand in TV and grabbed the objects and just taking them Every food I try in my dream taste amazing.

... Dreams.
I was on a desert the sky looks amazing Eventually I arrived at some castle with a giant demon thing in front of me some how I jumped and found my self holding a sword

Dream.
a kid I had a T.V with only commercials that I like

Dream.
I was running in my room I was scared I look behind me. I saw someone was trying to grab me suddenly I woke up exhausted and covered in sweat

an epic sky battle with demon I and I won.

Dream.
I was out of my body in the room, then I fly through the window and the dreams

Name
Dream
I was flying through a void of absolute darkness when suddenly a beautiful woman in white flowing dress came and touched my forehead transporting to my bed again.

I'm fully awake one time I was on a street. I was dreaming. being aware of my surroundings at that

DOCUMENTED DREAMS OF PEOPLE AROUND ME

READ BOOKS AND ARTICLES AND WATCHED
MOVIES FOR REFERENCES

ARE YOU DREAMING BOOK BY DANIEL LOVE



Daniel Love is one of the world's leading lucid dreaming experts. The book has very solid scientific footing, explaining all details about sleep cycles and the different phases of sleep.

The book starts with a history of lucid dreaming, exploring the science and spiritual aspects of lucid dreaming.

Daniel Love gives all the information that is needed to become an experienced lucid dreamer. He has a very straightforward and well-organized way of explaining ideas and techniques.



INCEPTION MOVIE BY CHRISTOPHER NOLAN 2010



Inception is a story about a group of extractors or people who invade dreams of other people mainly CEOs or corporate owners and extract vital information about their company.

Filled with amazing special effects and over the top action scenes

It introduces us to a world where we can infiltrate dreams and extract information from it via hidden vaults and locks.



The best thing about Inception is that it is very much a simple movie. A man who is very guilty of the thought that he has instilled an idea inside his wife's mind that led her to kill herself.

The movie is simply about moving on and forgiveness yet, it is complex enough because of its sci-fi factors and the situations the team has to face every time the scenario changes.



Overall, the film is one of a kind, a masterpiece and a work of art so to speak. The superior musical score that accompanies the film heightens the suspense and adds to the mystery sequences.

LUCID DREAM MOVIE BY JUN- SUNG KIM 2017

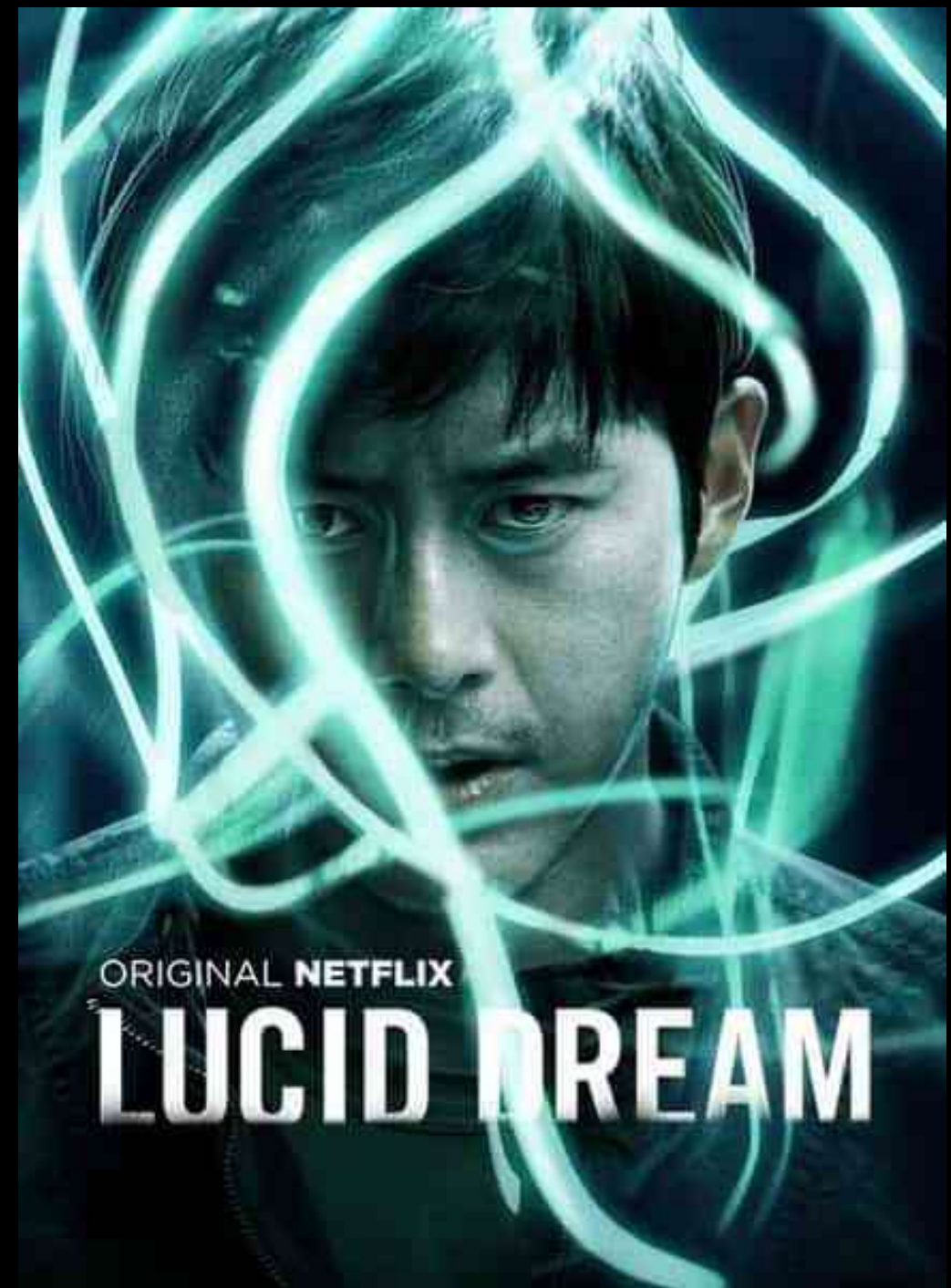


Lucid Dream is a South Korean science fiction mystery and thriller film written and directed by Kim Jun-Sung in 2017.

The idea of Lucid Dream revolves around high profile, Seoul based investigative journalist and single father Choi Dae-ho.

Three years after his son's kidnapping, he resorts to lucid dreaming to recall the memory of the day his son disappeared.

He took the help of a detective and a psychiatrist friend and retraces his memory of the incident through the use of lucid dreaming techniques. During this process, he faces various obstacles, side-effects, and unexpected incidents.





I believed they have narrated the techniques and process in the most realistic manner.

The method to have a patient fall asleep with awareness that he or she is dreaming, recalling lost memories to treat traumatic experiences goes exactly with my idea of lucid dreaming.



ARTIST RESEARCH

ETHAN JOHNSON

In general, dreams are a novel but realistic simulation of waking social life, with a mixture of characters, motivations, scenarios, and positive and negative emotions.

We propose that the sharing of dreams has an empathic effect on the dreamer and on significant others who hear and engage with the telling of the dream.



RUBEN SANCHEZ



“In an average lifetime, the human being spends around six years dreaming, but what is really happening during this time still remains a mystery, impossible to decipher”. RUBEN SANCHEZ



Located between our consciousness and the dream state, lucid dream allows us to control and modify our actions or scenarios, aware that we are living in a dream whilst making everything possible within the limits of our imagination.

INSTALLATION AT DUBAI D3 DISTRICT BASED ON LUCID DREAMING.
IN COLLABORATION WITH TASHKEEL STUDIO. DUBAI 2016





The Ruben Sanchez Lucid Dream space has now been transformed into a creative space.

Ruben Sanchez created this installation with the idea of placing oneself far from reality for a minute, and then inviting him/her to interact and be part of a trippy dream.

In an average lifetime, the human being spends around six years dreaming, but what is really happening during this time still remains a mystery, impossible to decipher.

“Welcome to the thin line that connects consciousness with dreams.”

YIYUN KANG



A 'lucid dream' is by definition a dream during which the dreamer is aware that he or she is dreaming.

It can refer to the state of being either half-awake or half-asleep or experiencing a brief wakefulness.

It is regarded as conscious access to the unconscious mind and as a potential method to discover and enhance creativity.

24 METRE-LONG TUNNEL PROJECTION INSTALLATION, 6 MIN, SOUND, 2019
COMISSIONED BY GWANGJU DESIGN BIENNALE





Lucid Dream is a projection mapping work installed in a 25-metre-long tunnel.

This piece will create a dynamic entrance to the 8th Gwangju Design Biennale's main entrance by enveloping visitors' bodies in an immersive audio-visual environment.

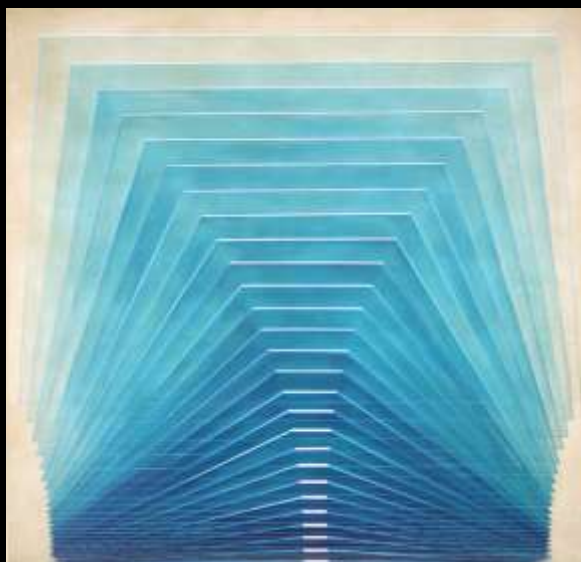


DANIEL MULLEN

Daniel creates abstract architectural works that confuse the viewer with all sorts of optical illusions.

Once you are looking closer at the paintings you can see hard-edge painted lines that are creating depth in his work, in combination with glazed layers.





His artistic style goes back to his childhood when he was fascinated by constructed space. This fascination continued until the present time and it's clearly visible in his paintings.

Daniel Mullen's work is based on architectural volumes. He paints a variety of shapes in indiscriminate arrangements and sometimes in orderly arrangements.

These mostly transparent objects seem completely weightless.

RICHARD NICOLL

The British designer made his debut at London Fashion Week in February 2006.

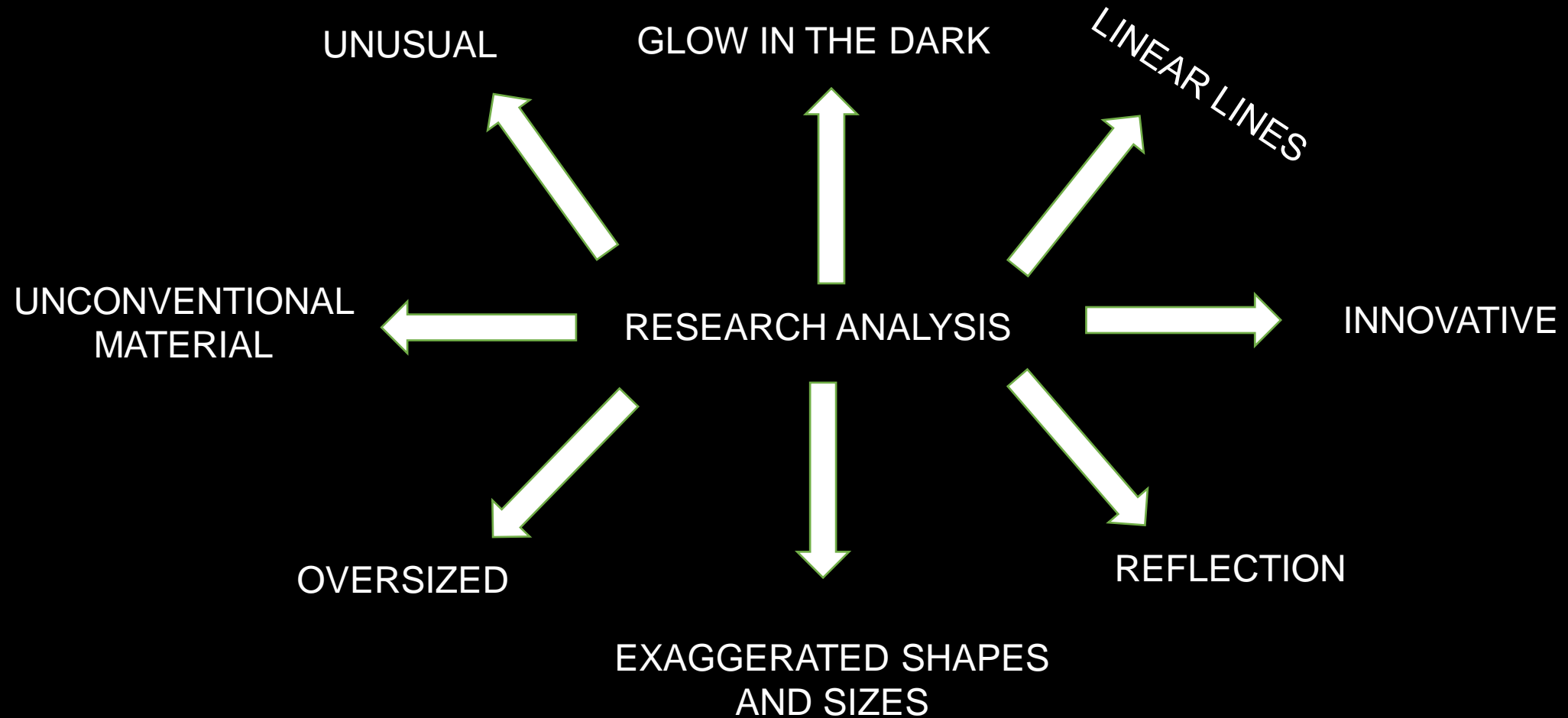
His designs were celebrated for their beautiful and classic modern aesthetics.

Nicoll's dress marks a tipping point for fashion and technology, where gadgetry, lights and audio platforms are now intelligent enough to be embedded in highly fashionable and wearable clothing.

Created in collaboration with London-based fashion and technology company Studio XO, this slip dress was made from a fiber optic fabric activated by high intensity LEDs tailored within it. The result was almost like an ethereal glow.

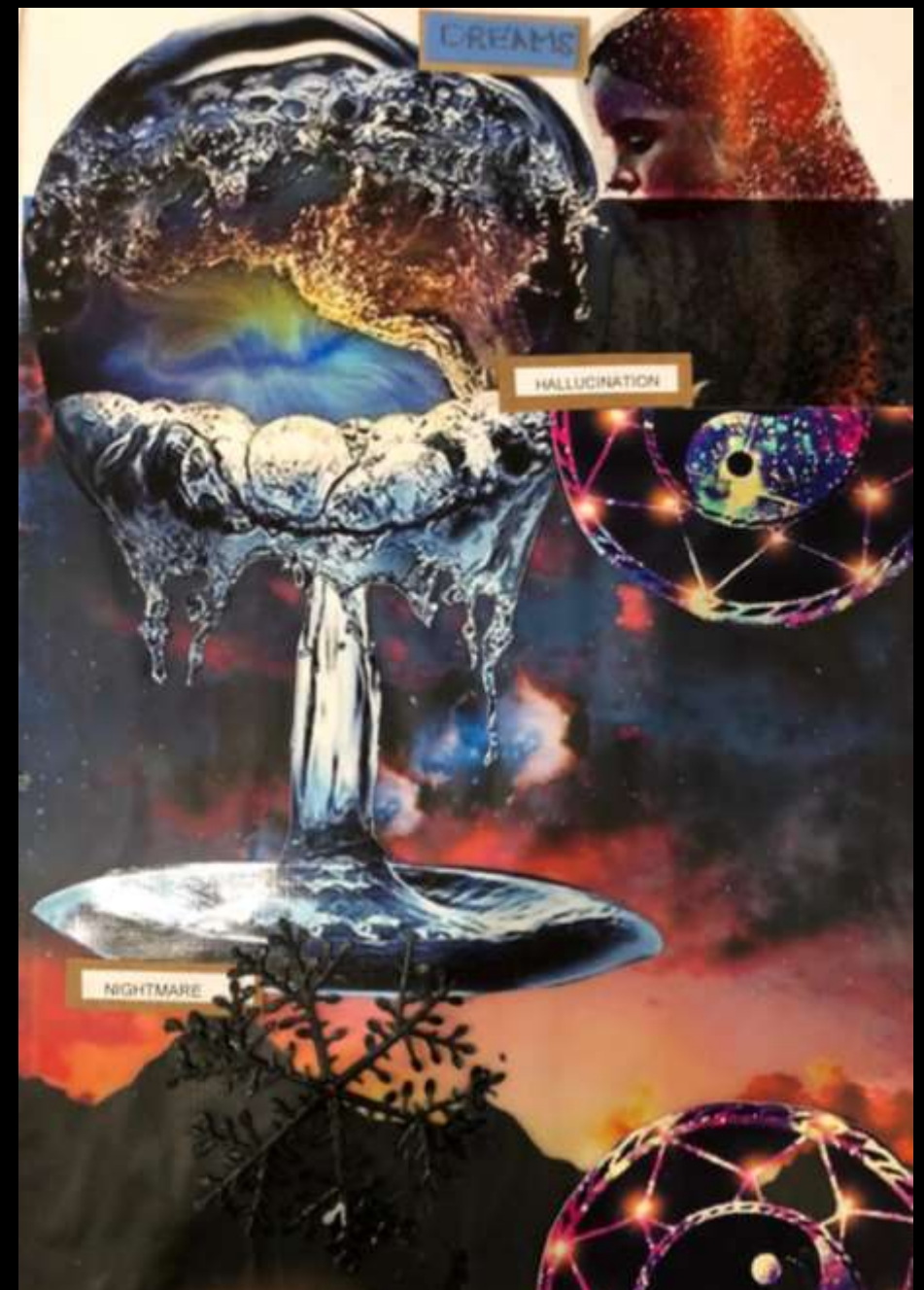


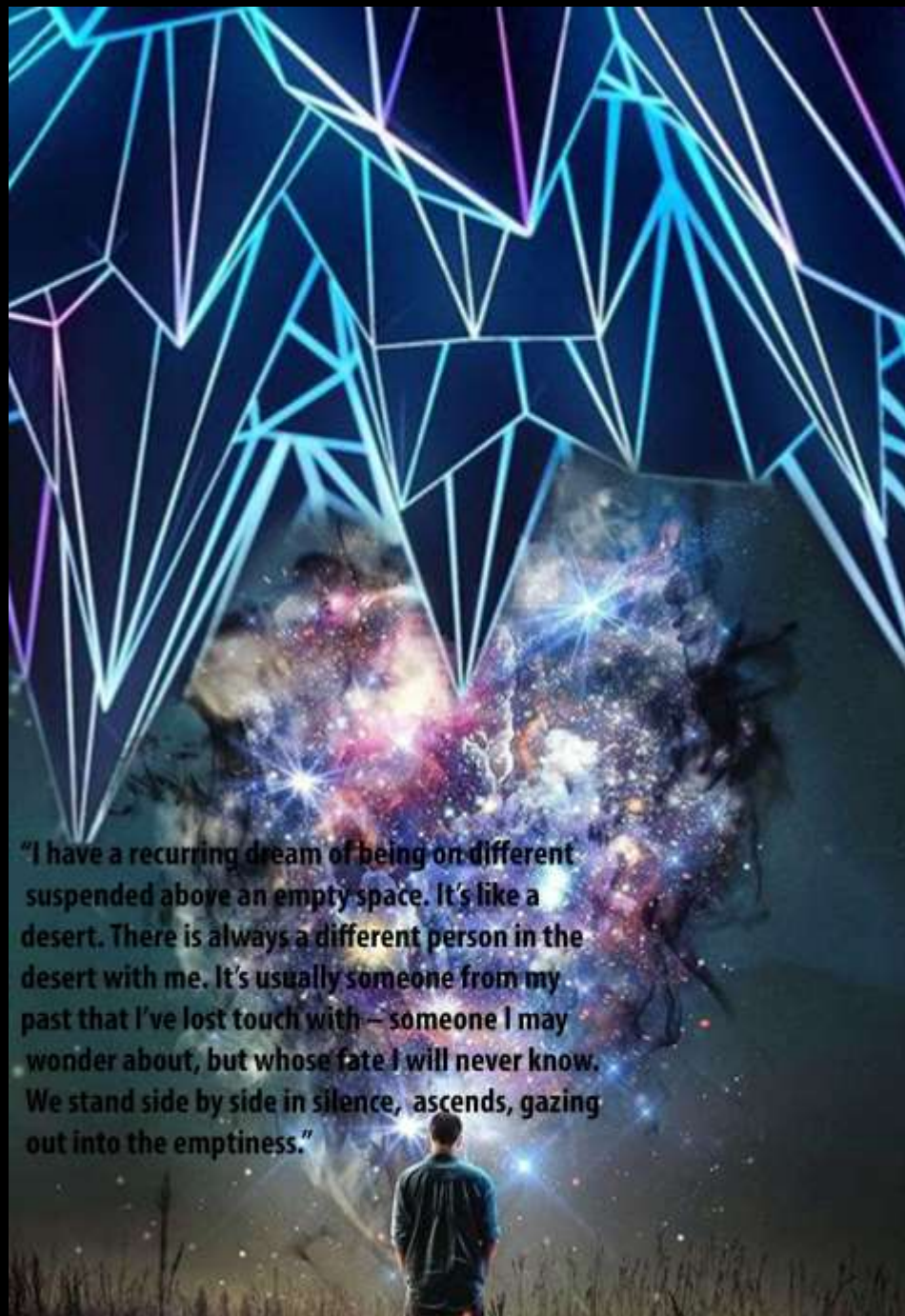
ARTIST RESEARCH ANALYSIS



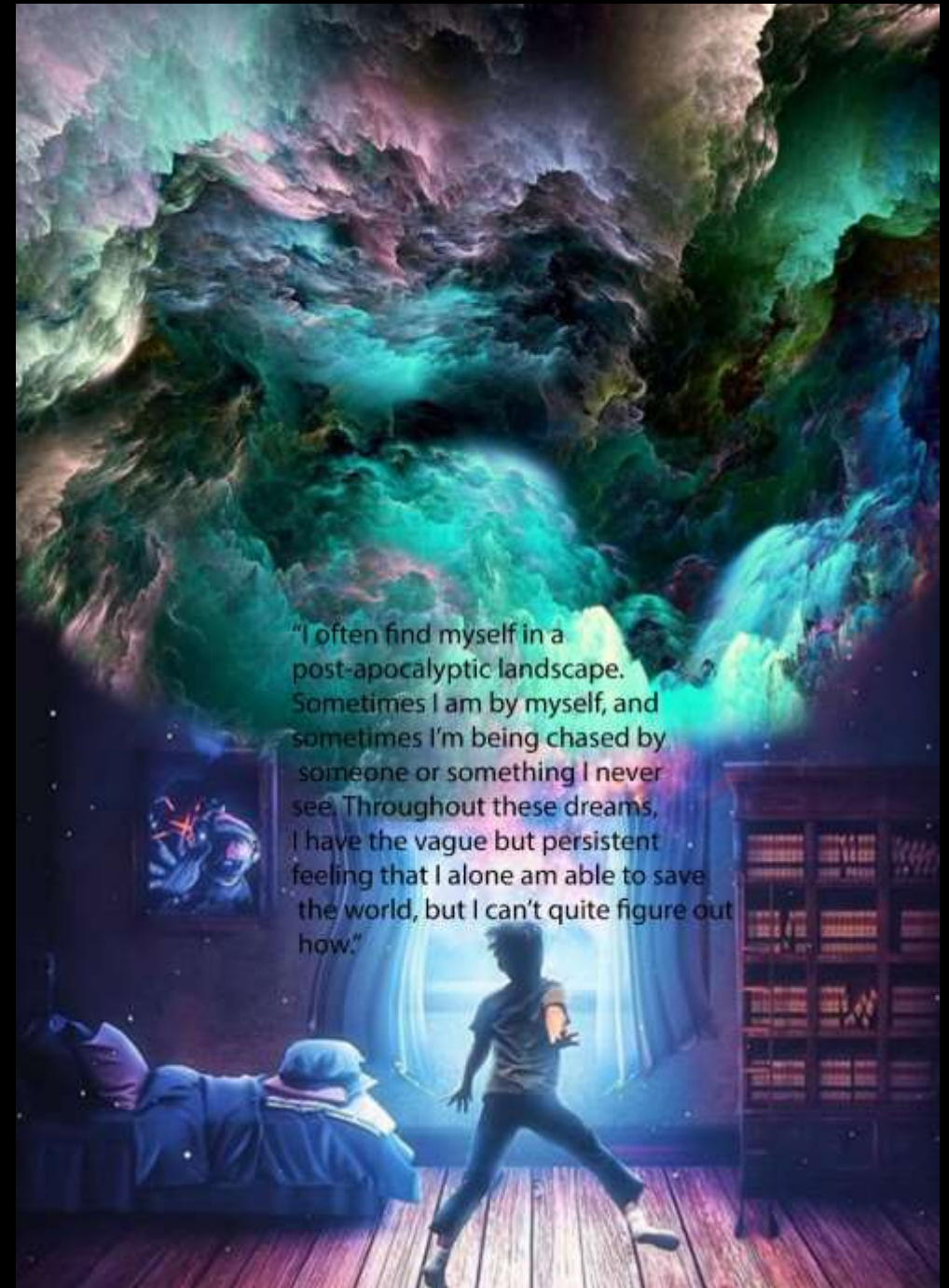


PROJECTION OF DREAMS THROUGH IMAGES





"I have a recurring dream of being on different suspended above an empty space. It's like a desert. There is always a different person in the desert with me. It's usually someone from my past that I've lost touch with – someone I may wonder about, but whose fate I will never know. We stand side by side in silence, ascends, gazing out into the emptiness."



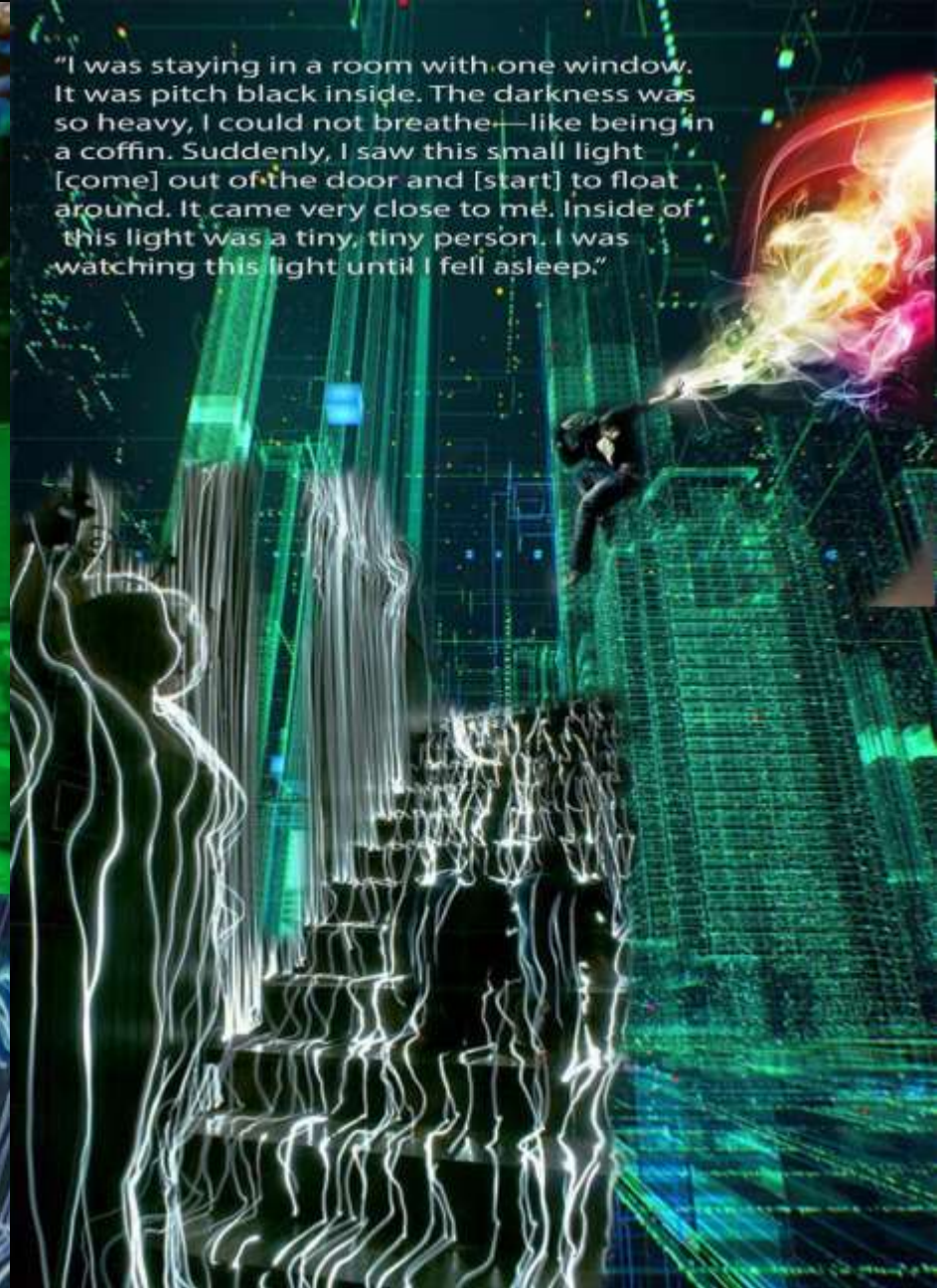
"I often find myself in a post-apocalyptic landscape. Sometimes I am by myself, and sometimes I'm being chased by someone or something I never see. Throughout these dreams, I have the vague but persistent feeling that I alone am able to save the world, but I can't quite figure out how."



We were outside looking up at shooting stars. Later, when we went inside, the ceiling showed the same sky scene, but there were large dusty footprints all over the sky



I was in a diner when some robbers came in and shot and killed almost everyone. I laid on the ground pretending I was dead, in hopes to escape once they left. As they were walking out, one of them stepped on me with a heavy boot and saw that I was alive. He shot me in the back. I died in the dream



"I was staying in a room with one window. It was pitch black inside. The darkness was so heavy, I could not breathe—like being in a coffin. Suddenly, I saw this small light [come] out of the door and [start] to float around. It came very close to me. Inside of this light was a tiny, tiny person. I was watching this light until I fell asleep."

PERSONAL PROJECTION OF DREAMS THROUGH IMAGES AND STORIES

PAINTED IMAGES OF PERSONAL DREAMS ON CANVAS



STUCK IN A ROOM FULL OF CUMPUTERS AND
ELECTRONIC GADGETS



ABANDONED FEELING WITH ARAY OF
HOPE AND DIRECTION TOWARDS CAVE
OF LIGHTS

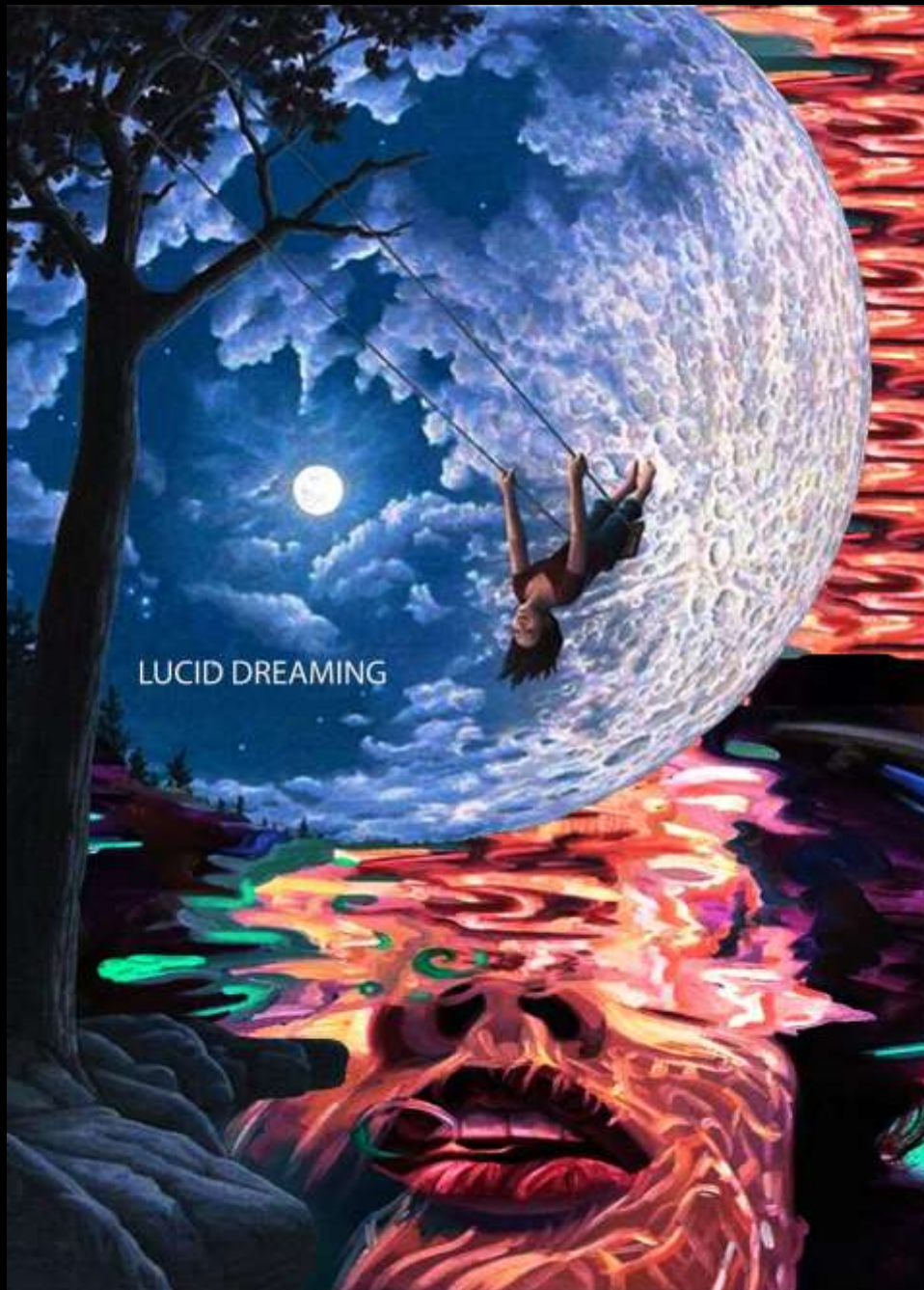
RECOMPOSED THE COLLECTED
MEMORIES WITH HAND PAINTING FOR A
PERSONALISED PERSPECTIVE.
USE OF HIGHLIGHTED COLORS AND
SUBSTANCE FOR AN UNCONVENTIONAL
APPROACH.



DEPICTION OF LIGHTS AND
STARS DEEP INSIDE THE
MILKY WAY OF GALAXY



FLOURECENT AND MYSTERIOUS DREAM OF
EXPLORING NEW WORLDS

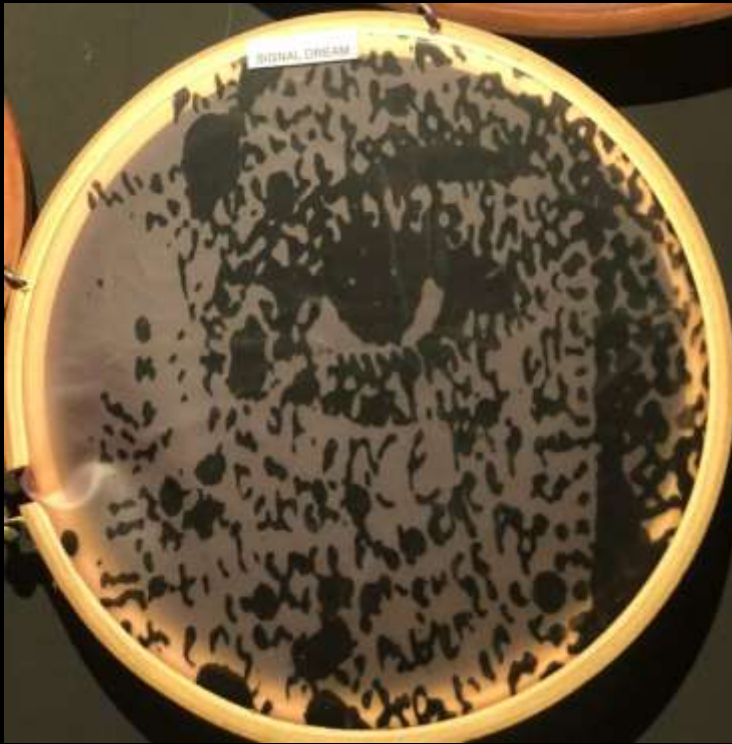


LUCID DREAMING

MOOD BOARD

SAMPLING AND FABRICATIONS

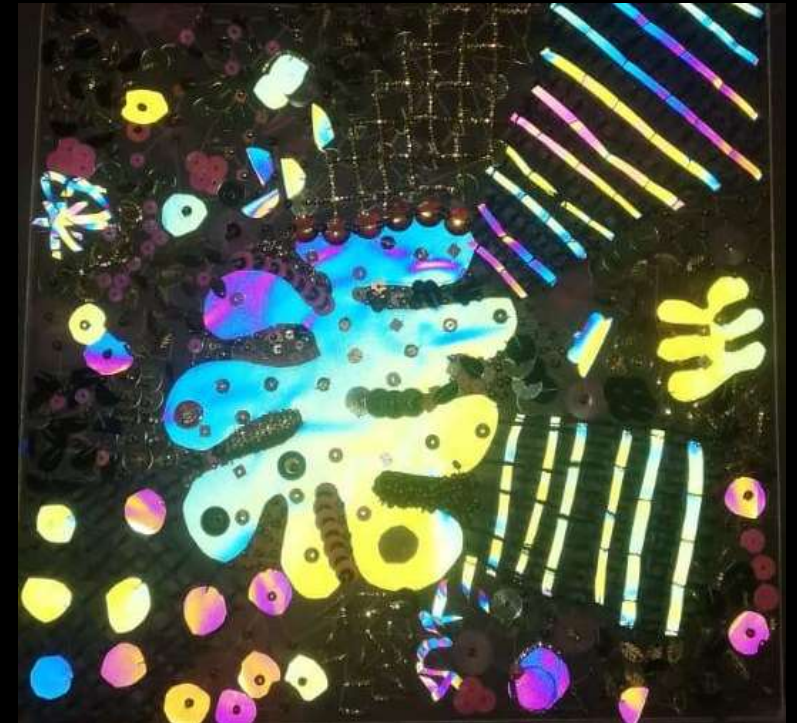
MATERIAL AND TECHNIQUES FOR EXPERIMENTATION AND SURFACE DEVELOPMENT



FLOCK PRINTING
ON REFLECTOR
FABRIC



USED OF SHINY METAL
THREAD "BAADLA"
MACHINE EMBROIDERY



HOLOGRAPHIC
FABRIC AND OPTIC
FIBER THREAD
SEQUIN
BEADS

SHINY METAL
THREAD
MUKESH AND
REFLECTOR
FABRIC
LEAVES
BEADS
SEQUIN



IDEAS FOR
FABRICATIONS BY
FUSING
CONVENTIONAL
AND
UNCONVENTIONAL
MATERIAL



SEQUIN
WITH
REFLECTOR
SHINY
THREAD

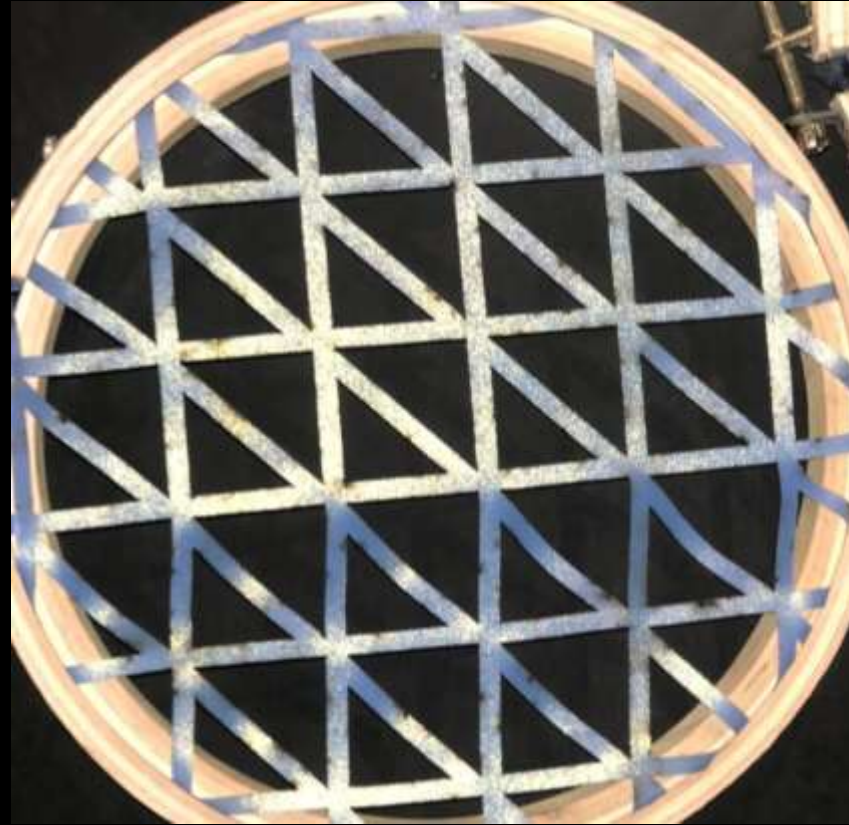
METAL
DOUBLE
SHADED
SEQUIN
WITH GLOW
IN DARK
FABRIC
BEADS
SEQUIN



MIX
MEDIUM
OF SHINY
FABRIC
AND
MATERIAL
SEQUIN
CURLED
THREAD



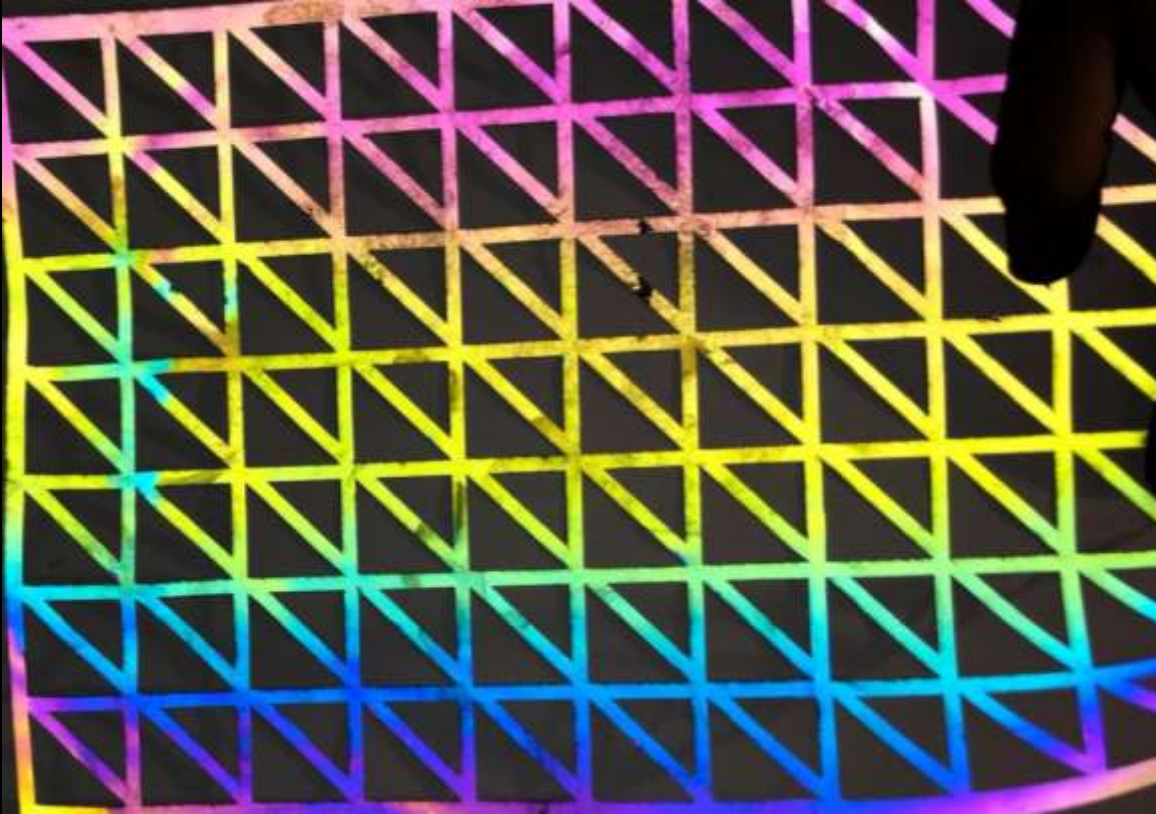
APPLIQUE AND HAND
EMBELLISHMENT ON
ORGANZA FABRIC AND
SEQUIN



LASER CUTTING ON
REFLECTOR FABRIC



MIX MEDIUM USE OF
SHINY MATERIAL
SEQUIN, BEADS AND
GOLD METALLIC THREAD



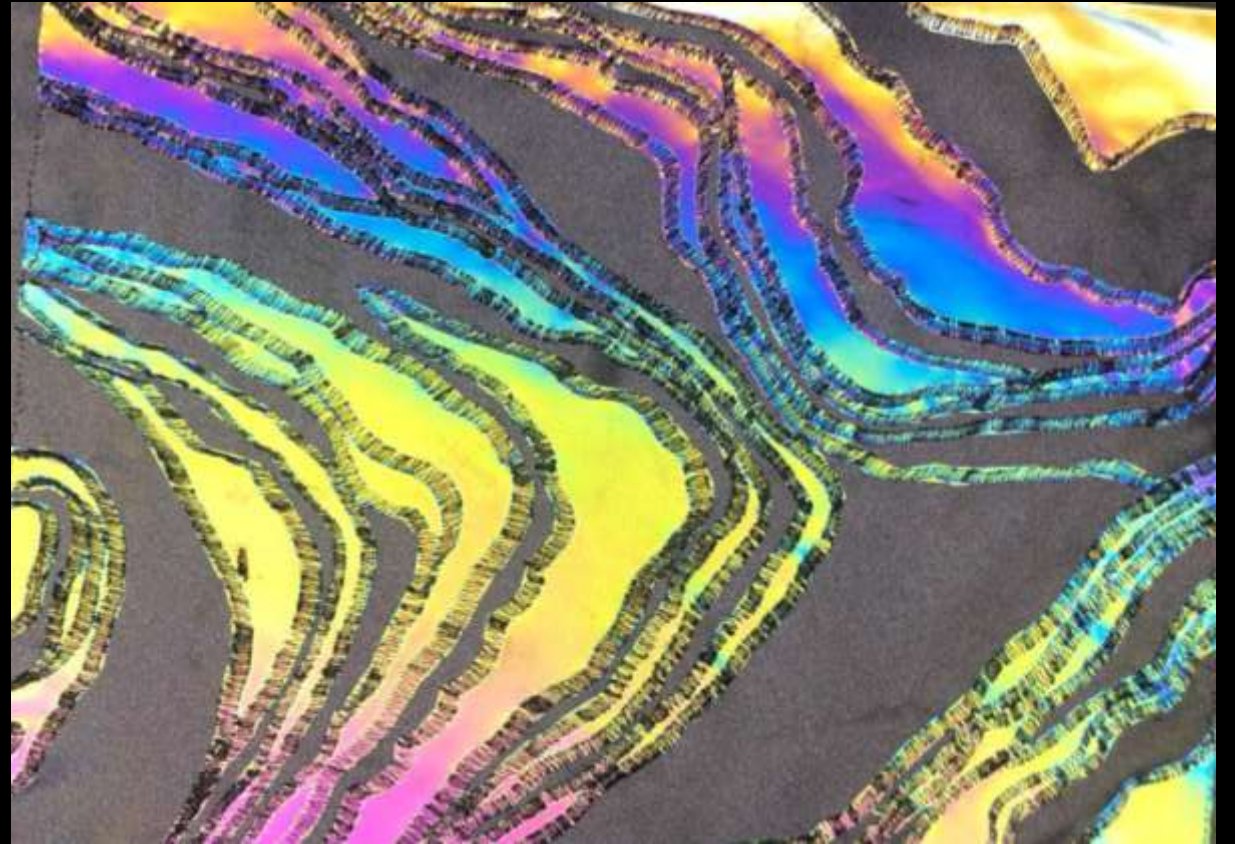
LASER CUTTING ON GLOW IN THE DARK
REFLECTOR FABRIC



EMBELLISHMENT ON TRANSPARENT
FILM FABRIC
MATERIAL: SEQUIN, REFELCTOR
FABRIC, PEARLS, STONE AND BEADS.



LASER CUTTING ON
REFLECTOR FABRIC



APPLIQUE WITH TWO TYPES OF REFLECTOR FABRIC
MATT AND SHINY

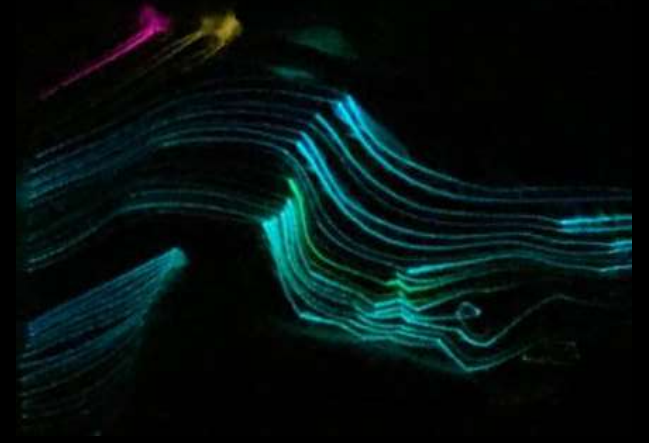
USE OF OPTTIC FIBRE IN HAND EMBELLISHMENT



SAMPLE WITH LIGHTS ON



SAMPLE WITH LIGHTS OFF



USE OF LINEAR
LINES

FLOURECENT
EFFECT OF
LIGHTS

UNUSUAL

GLOW IN THE
DARK

WOVEN FABRIC

CREATED FABRIC WITH OPTIC FIBRE AND COTTON THREAD
THROUGH WEAVING

LED'S ARE ATTACHED TO OPTIC FIBRE FOR GLOWING
EFFECT



PICTURE IN LIGHT



PICTURE IN DARK

MINI THESIS



FINAL DISPLAY OF MINI THESIS

CLICK ON THE DETAILED VIDEO OF MINI THESIS DISPLAY



FINAL THESIS PROJECT

For my thesis, I want to recreate the transition between my mind and dreams. My goal is to create a language that connects lucid dreaming and reality.

This work is based on my personal experiences and journey of dreams towards a more exaggerated and unusual world.

I have used linear form while weaving optic fiber wire for luminous effect.

Fiber optic fabric isn't the most accessible material in the market but it can be created through fiber optic and LED's.

Fabric is cost effective and easy to use.

The time to completion was around 30 hours, with at least 10 of those going towards weaving the fibers.

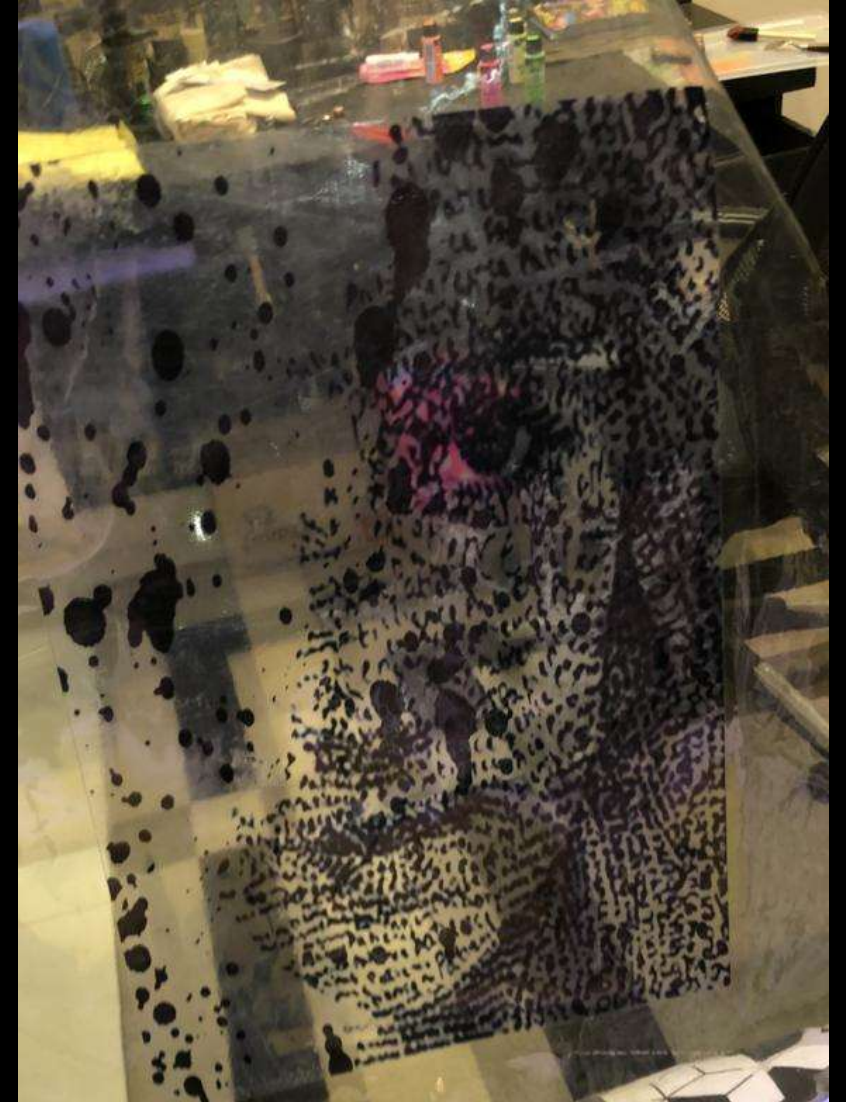


FINAL LOOK OF THE FABRIC IN DARK

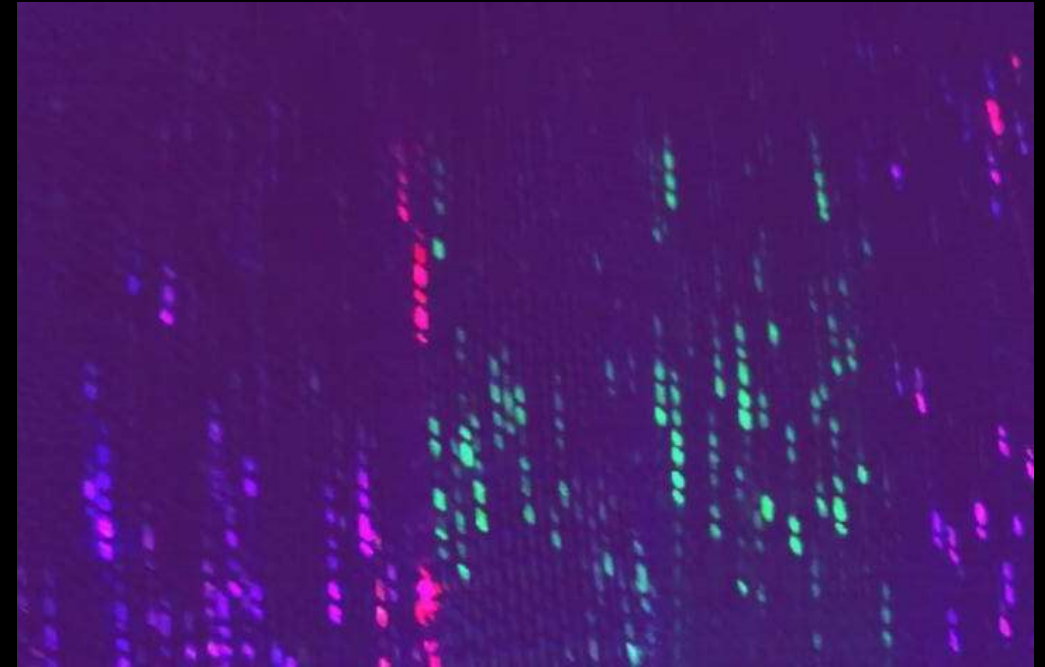
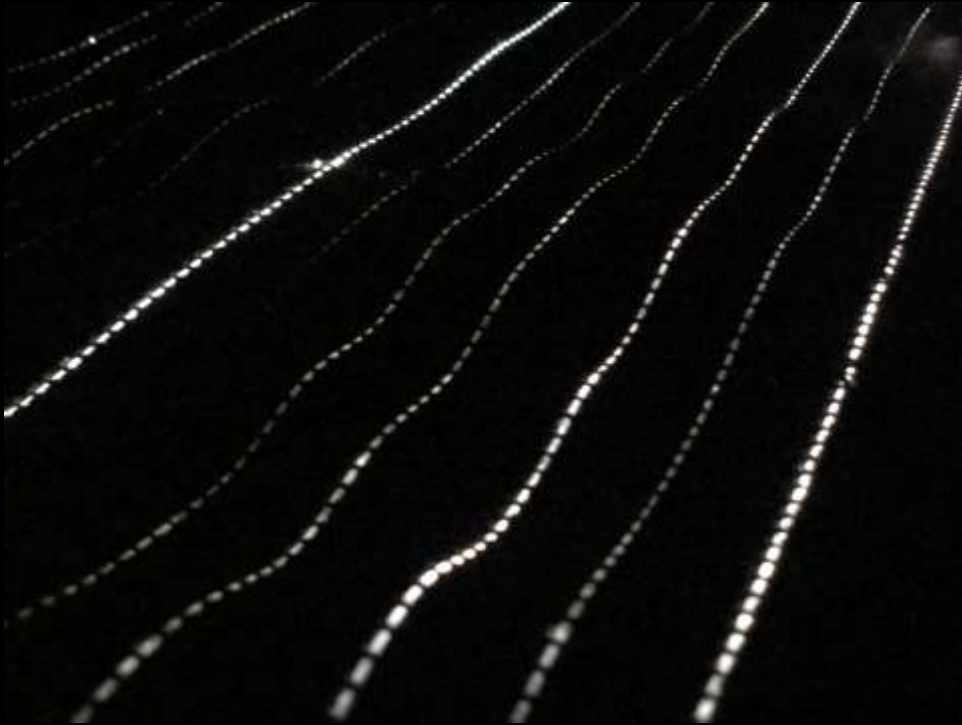
STUDIO SPACE



HAND WOVEN SAMPLES BEFORE GOING
FOR INDUSTRIAL PROCESS



PRINTING ON TRANSPIRENCY PLASTIC



EFFECT OF SAMPLES ON HAND LOOM USING OPTIC FIBRE IN DARK

I have decided to go for industrial weaving for my luminous fabric to create the possibility for production



Cotton threads and optic fiber are rolled on cones separately to prepare them for industrial loom machine.



CLICK ON THE VIDEO FOR THE
PROCESS OF WINDING THREADS ON
BIG SPOOLS

CLICK ON THE VIDEO OF INDUSTRIAL WEAVING



1.75MM OPTIC FIBER
WAS USED DUE TO
THE AVAILABILITY IN
THE MARKET.

2MM COTTON THREAD
WAS USED TO MATCH
THE WEIGHT OF
OPTIC FIBER.

COTTON THREAD WAS
USED IN WEFT AND
OPTIC FIBER IN WARP
FOR WEAVING.

THE INTERVAL OF
EVERY FIBER THREAD
WAS HALF INCHES TO
KEEP IT BALANCED.

I have used grey fabric color yarn for matt neutral effect



CLICK ON THE VIDEOS FOR THE PROCESS OF INDUSTRIAL WEAVING

LUMINOUS FABRIC



It is a high tech fabric to create technology based novelty clothing

Future of smart textile

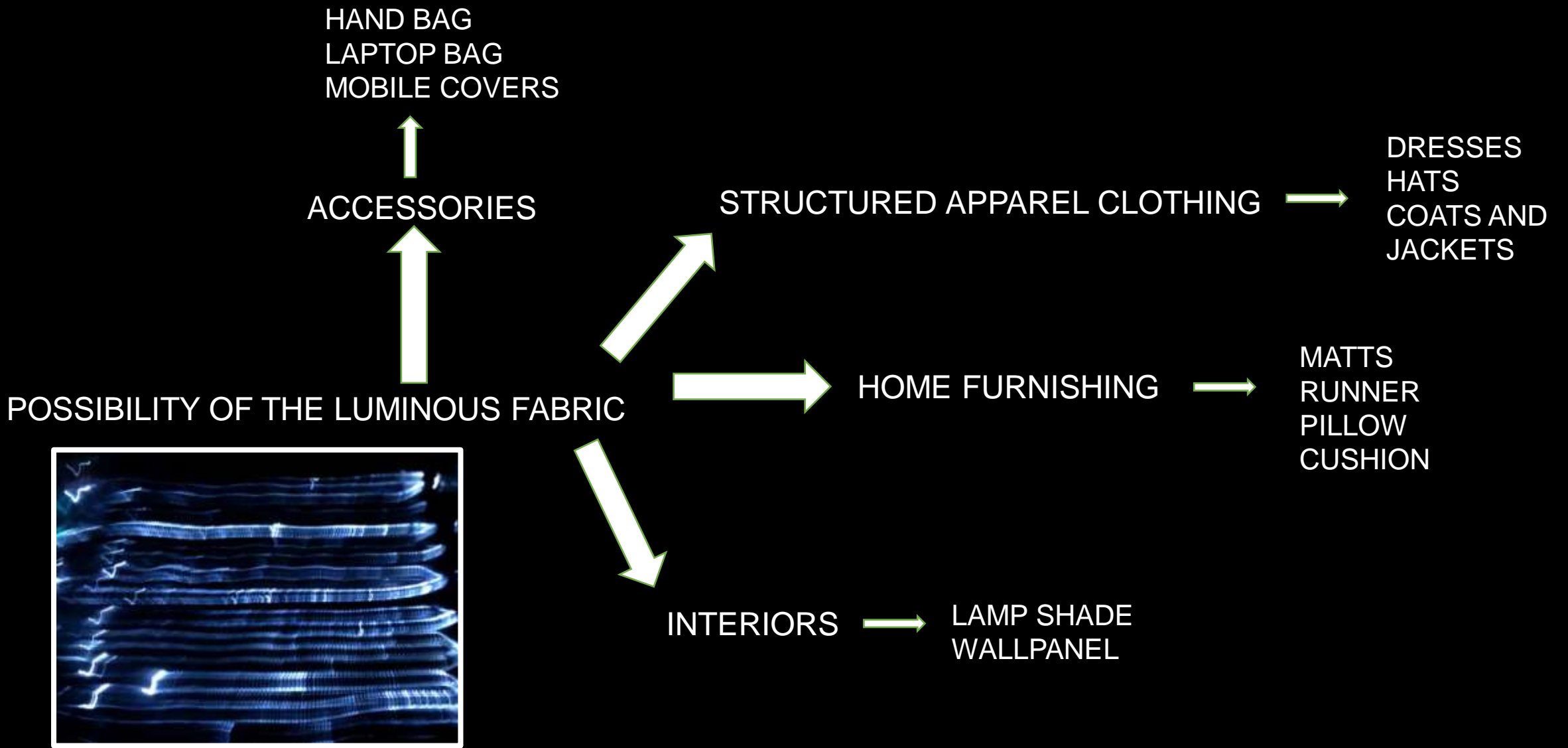
Luminous glow in dark

Unusual

Linear prominent lines in the fabric

Innovative

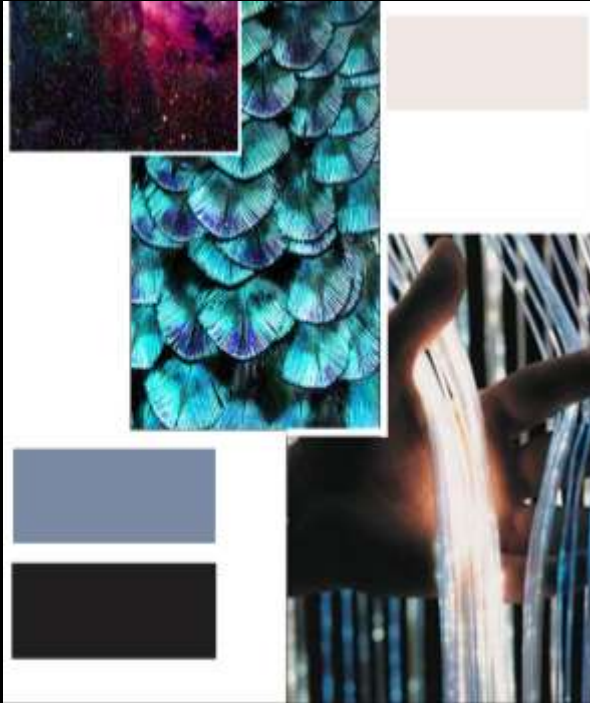
CLICK ON THE VIDEO OF FINAL LOOK OF THE
FABRIC ON INDUSTRIAL LOOM



COLOR PALETTE

Color palette was challenging as I wanted to create infinite effect of feeling free and powerful.

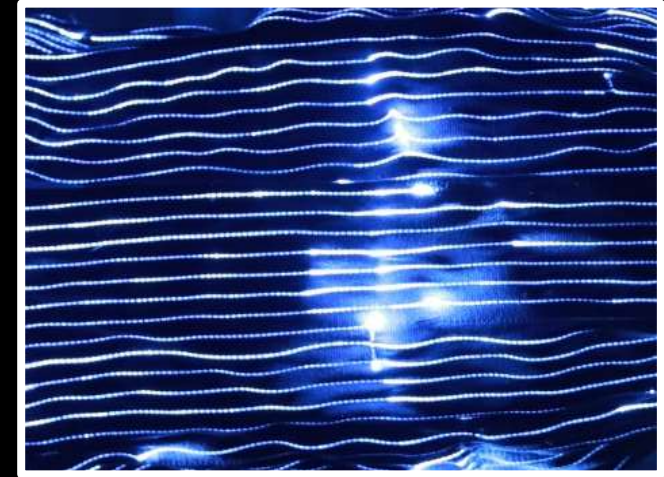
Grey yarn is used for matt effect and it will not distract the impact of the colors of LED lights.



DARK



LIGHT



EFFECT OF SAME FABRIC DURING DAY LIGHT AND DARK

MATERIAL



OPTIC FIBER

CLICK ON THE VIDEO OF
OPTIC FIBER



PROCESS OF ATTACHING LED'S TO THE FABRIC

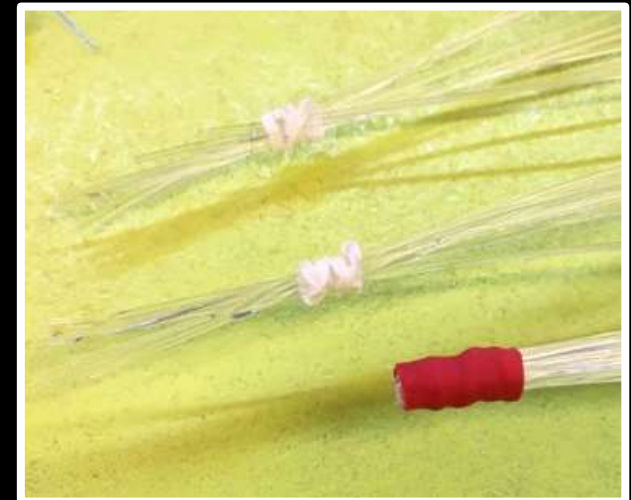
ARRANGE ALL THE MATERIAL

FABRIC
ELECTRIC TAPE
HEAT SHRINKING WIRE
5MM LED
1 GAUGE WIRE
SEWABLE MICROCONTROLLER
BATTERY PACK



CUT THE FABRIC IN DESIRED SHAPE
AND LEAVE FILAMENTS TO THE
DESIRED LENGTH AT ONE END.

BUNDLE THEM TOGETHER IN GROUPS
OF 3-5 AND SECURE THE ENDS WITH
TAPE.





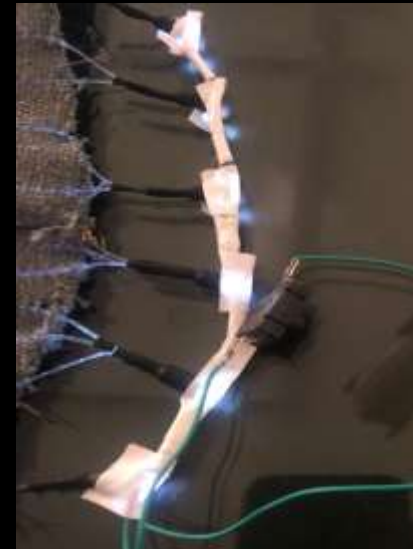
A FEW INCHES BEYOND THE EDGE OF THE FABRIC SECURE THEM TOGETHER WITH A TAPE.

TRY TO PREVENT FIBERS FROM GOING MORE THAN 3 INCHES PAST THE EDGE OF THE FABRIC.



LEDS ARE THEN ATTACHED TO THE END OF FIBERS

ACCOMMODATE AND FIX THE LEDES, MICROCONTROLLER, AND BATTERY PACK.





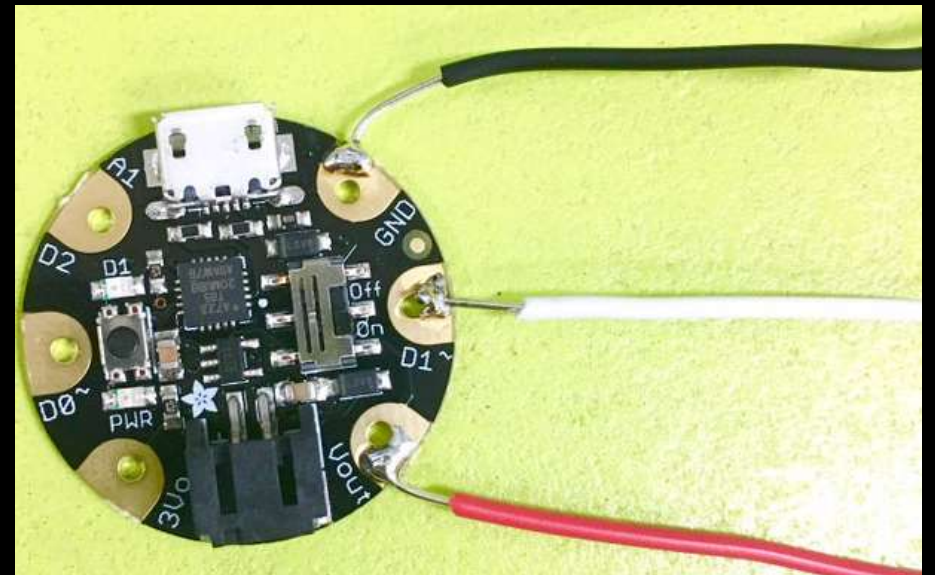
SANDWICH LED AND FIBER BUNDLE
BETWEEN THESE TWO PIECES OF TAPE AS
TIGHTLY AS POSSIBLE

AND REPEAT FOR EACH LED IN THE
FABRIC

ELECTRICAL TAPE IS USED TO PREVENT THE
LIGHT FROM LEAKING.



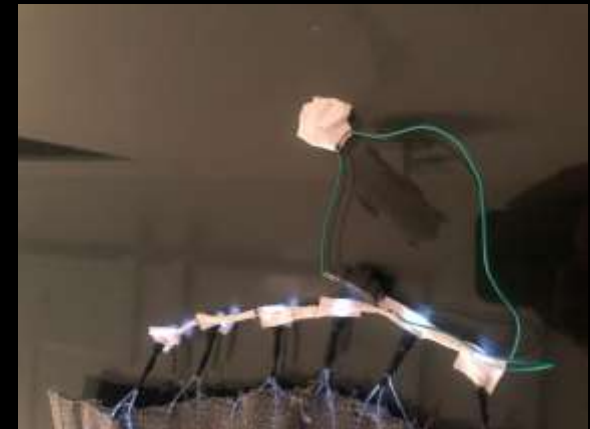
MICROCONTROLLER AND LEDS ARE THEN
ATTACHED AS THEY ARE LIGHT WEIGHT
AND EASY TO USE.





CHARGE THE BATTERIES FOR 24
HOURS BETTER RESULT

TURN OFF THE POWER FOR
LUMINOUS RESULT



FINAL READY LOOK WITH
CONTROLLER ATTACHED

FINAL PRODUCTS

LUMINOUS SHORT DRESS

Inspired by the linear and luminous lines to create infinity

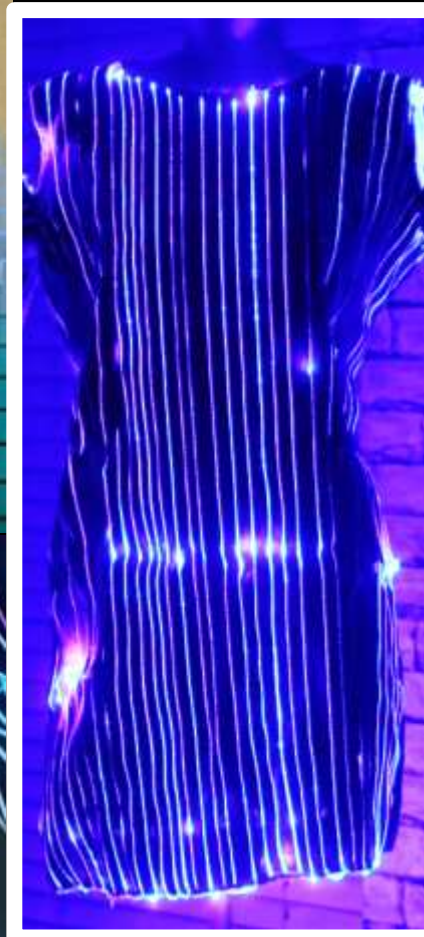
I have used basic symmetrical silhouette and shiny white lights to represent emptiness and excitement simultaneously.

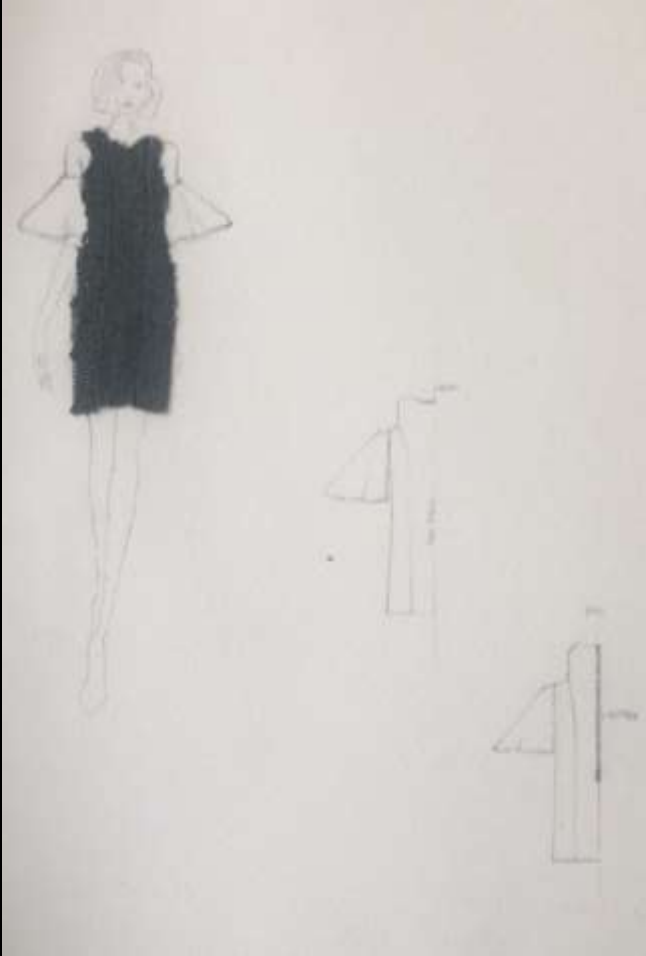
Fiber optics are aligned nicely above the led for maximum brightness.

I have dispersed one color of light for solid impact

All the LED lights are attached to one connection at bottom hem for comfort

Lining is attached for inside finish and comfort





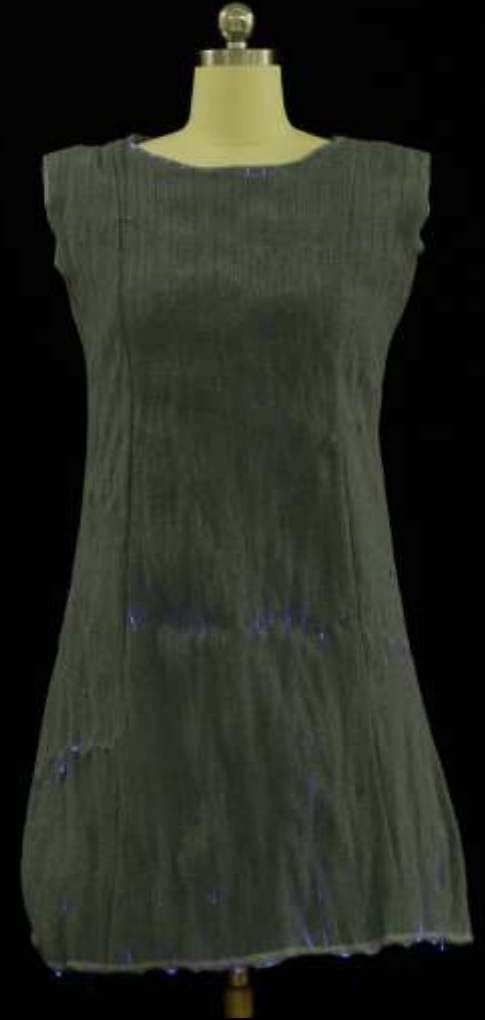
FINAL SKETCH OF THE DRESS



Pockets are added for batteries with zippers inside the dress

Batteries are rechargeable and can be use for 2-3 days after one time charging

Blue color LED are used in this dress to portray sincerity, inspiration, and spirituality.



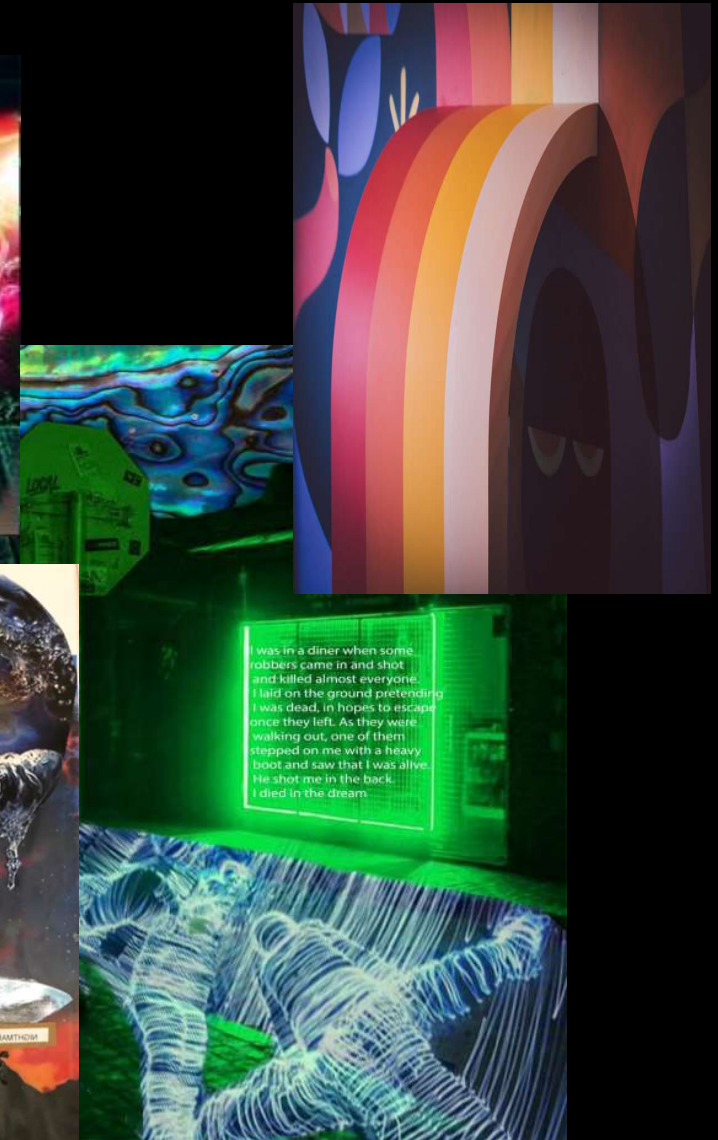
LUMINOUS CAPE WITH BELT

The silhouette of the cape is inspired by the exaggeration and mistiness in the dreams.

I really wanted to make a unique cape that people would find hypnotic and fascinating

Shoulders are oversized with round edges and belted at the waist.

White lights LED's are used to represent calmness and belt at waist to represent the temporary freedom.





INITIAL SKETCHES FOR
THE CAPE

FINAL SKETCH





Cape is cut into 2 parts front and back

Bundles of fibers are made separately at least 3 inches from the edge of the fabric

The fibers in the cloth are all bunched together into one bundle.

Batteries are then attached and cape is ready for stitching

CLICK ON THE VIDEO TO WATCH
THE PROCESS OF ADDING LED TO
THE FABRIC

Fiber optics are a beautiful way to add light to wearable tech garments

Heat shrink wire is used to secure the connection and prevent light from escaping.

I want to create an availability of techno fashion through garments that are customizable in functionality and color and patterns through LED lighting in my country.



CLICK ON THE VIDEO TO WATCH
SWEING PROCESS

Batteries are placed in the a pockets inside back hem.

This dress represent the amalgamation of dreams and reality through infinity and linear luminosity in dark.

The use of optical fibers has increasingly expanded to wearable technologies with a wide range of functions.

the Fiber Optics fabric emits a white colored light along the full length of the fibers, producing a stunning luminous glowing effect.

The light is subtle & mysterious, producing a beautiful & striking luminous effect in darkness..



Stitching of the belt



The use of optical fibers has increasingly expanded to wearable technologies with a wide range of functions.

LUMINOUS WALL PANEL



SIZE:

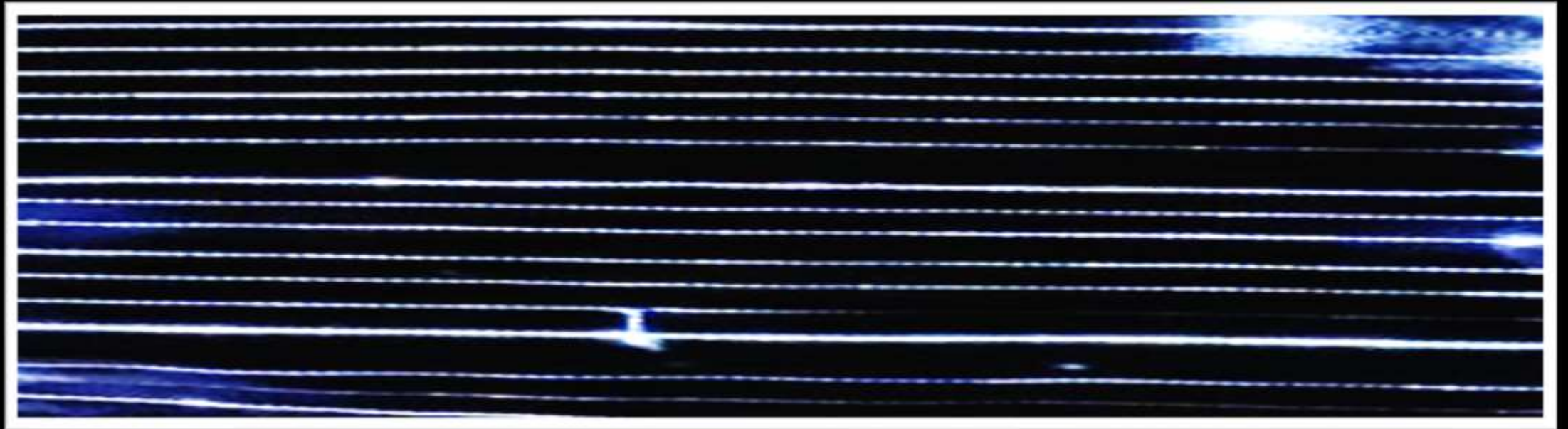
Optic fiber is further added on top layer with hand embellishment on woven optic fabric for harmonious effect and



The fiber optic panel comprises a light source and a layer of optical fibers arranged adjacent each other, which transmit light to different locations throughout the panel.

The fiber optic panel is connected to LED source, and a layer of optical fibers arranged adjacent each other which transmit the light from the LED to different locations throughout the device to uniformly distribute the light.

It creates a mysterious effect of the parallel world. It allows every person to relate it with their own personal experiences of dreaming.



CLOSER LOOK OF THE PANEL

LUMINOUS LAMP SHADE

Optical Fiber consists of PMMA fiber core and fluororesin cladding.

Fiber diameter ranges from 0.25mm to 3.0mm With strong end glow performance



INSIDE LOOK OF THE LAMP

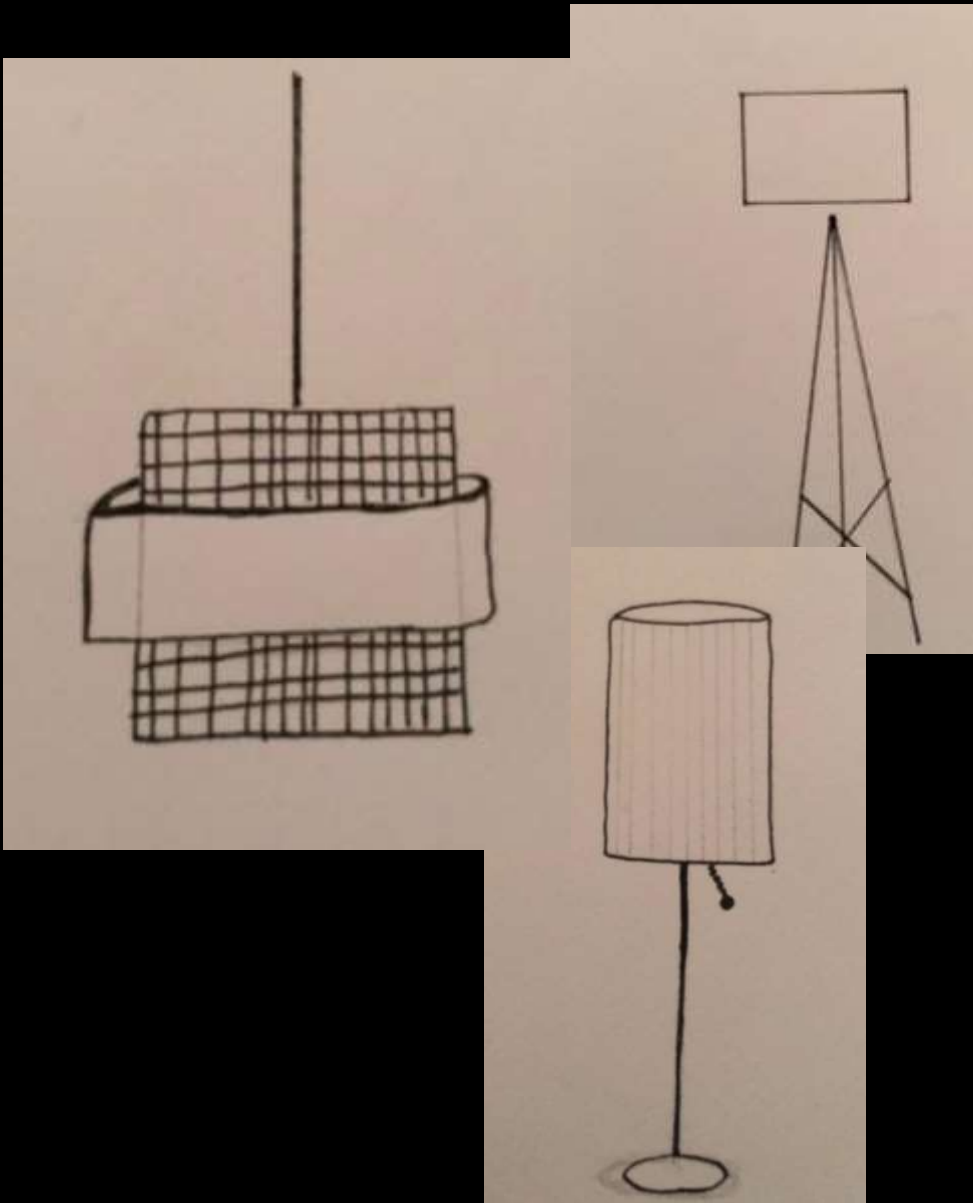


The optical fibers are then connected at the edge of the fabric to ultra-bright LEDs which provides light into the fabric.

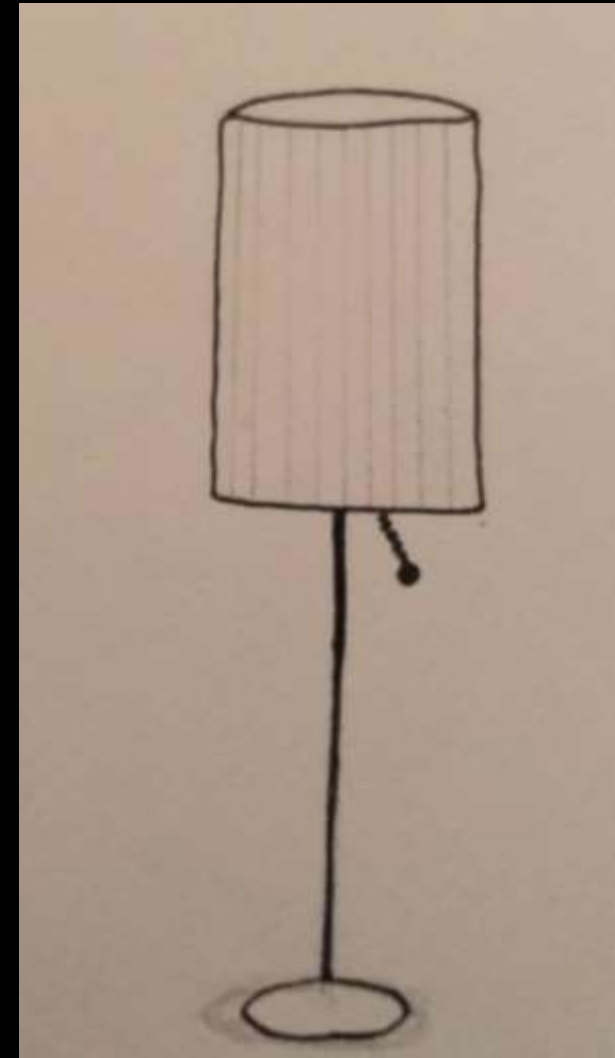
The light is distributed evenly across the entire surface of the fabric, resulting in a self-illuminating luminous lamp.

The lamp is unique and elegant lighting all over its surface, with a distinctive starry sky feel in the night.

INITIAL SKETCHES FOR
THE LAMP



FINAL SKETCH



LUMINOUS RUNNER MATT

The inspiration comes from the teardrops of the morning and mystery of the night

Optical fibers runs through the fabric and is cut of in different lengths creating light points

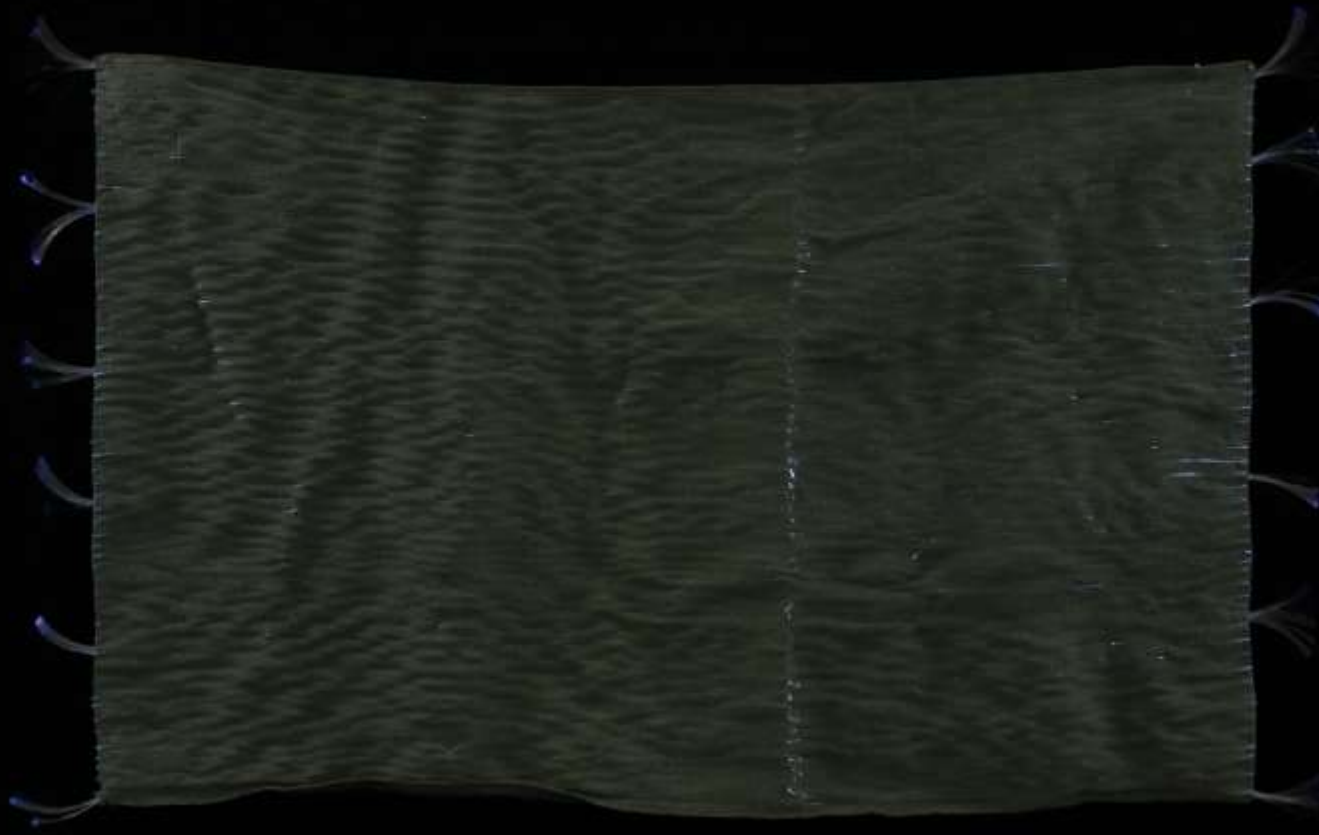
The Fiber Optics matt is attached to colored light along the full length of the fibers, produces a stunning luminous effect.

Neon LEDs are used with fiber optics fabric for subtle and mysterious effect in the dark

LED Color Changing Fiber Optic Table Runners features a USB rechargeable battery.

It can be used for one day after one time charging





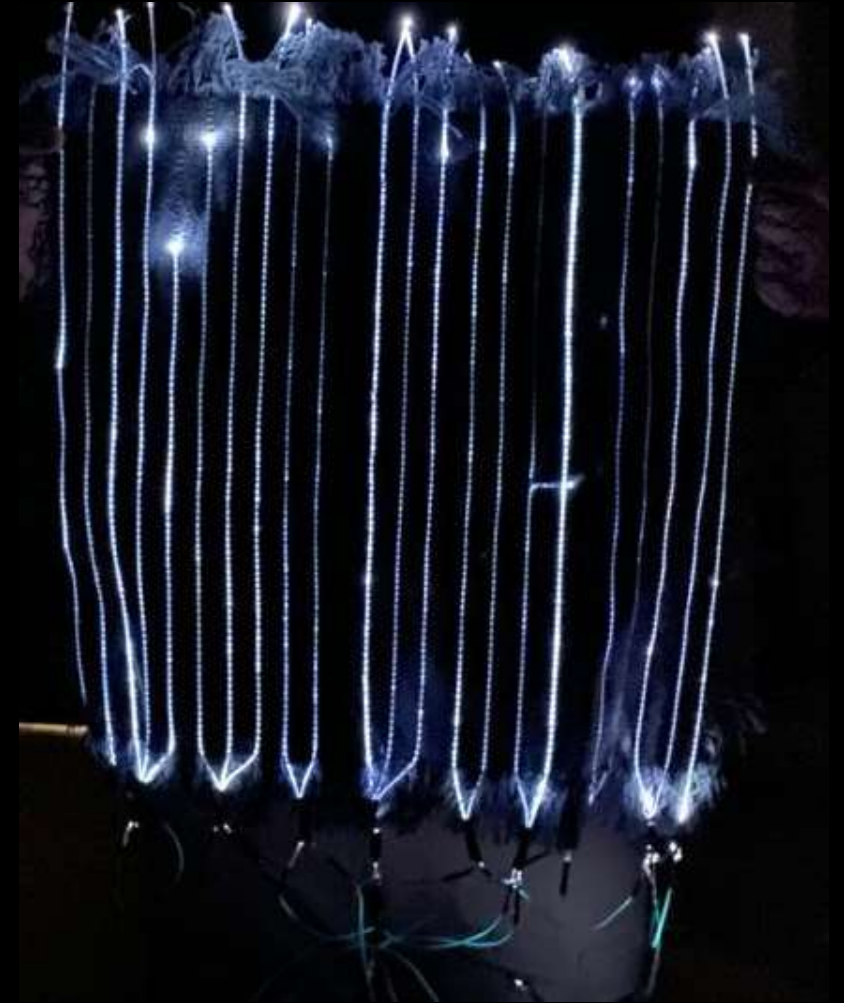
FINAL LOOK OF THE PANEL WITH LED LIGHTS ATTACHED
AND FINISHED

LUMINOUS CUSHIONS AND PILLOW

I want to create a magical place that can embrace you, so combining textile with light will provide a more peaceful and relaxing sleep.

It would be nice to make information more understandable by translating feelings to a tactile object.

Cut into 2 pieces with loose end of fiber on both sides. These ends are then separated in groups and LEDS are attached



SEMI FINISHED LOOK BEFORE FINISHING

White color LEDs are used for spiritual effect in order to maintain hope and freedom in the room



PICTURE OF THE PILLOW DURING DAY LIGHT

LUMINOUS LAPTOP BAG

Charging for 2 hours will keep the light working for 4-6 hours

My idea is to connect people through fiber and thread, a meeting between senses and integrating through touch and feel

The bag is cut separately while belt is prepared separately

Lights are attached and then both the pieces are combine

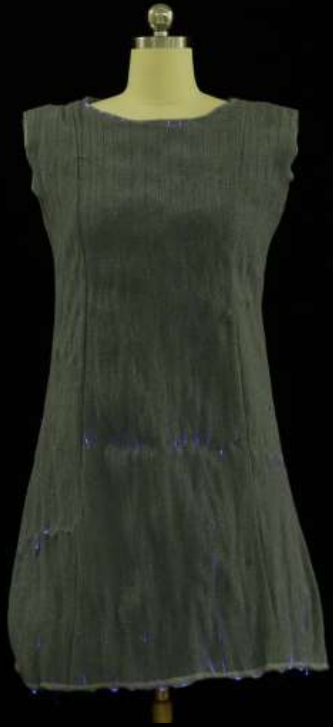
The emergence of light provides a hope for people , the result can vary for different people according to their own experiences in life.

Green color lights are used to portray peace, harmony and feeling of relaxation.



FINAL THESIS

LUMINOUS SHORT DRESS



PICTURE TAKEN IN
LIGHTS TURNED ON



FRONT

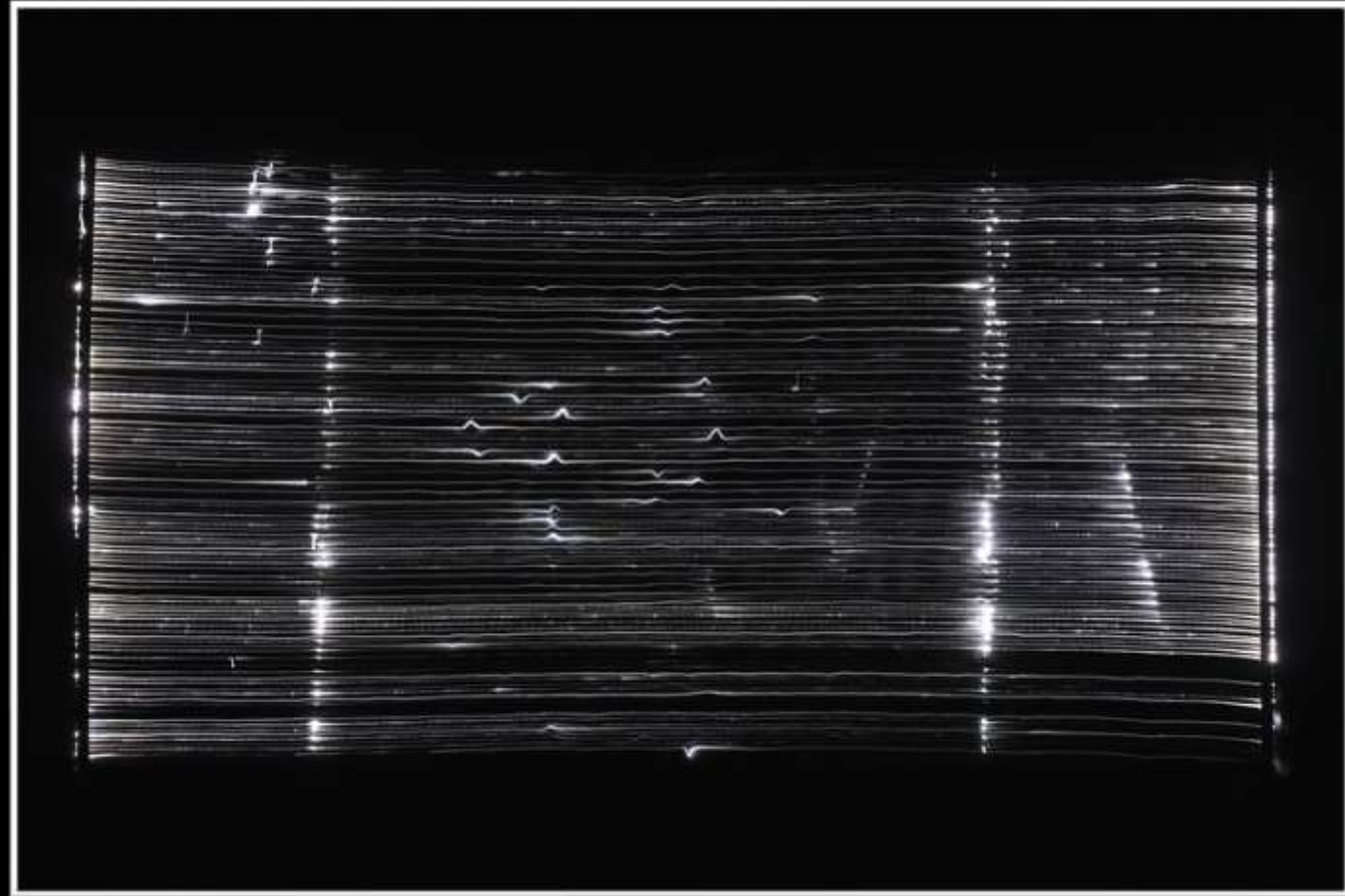


BACK

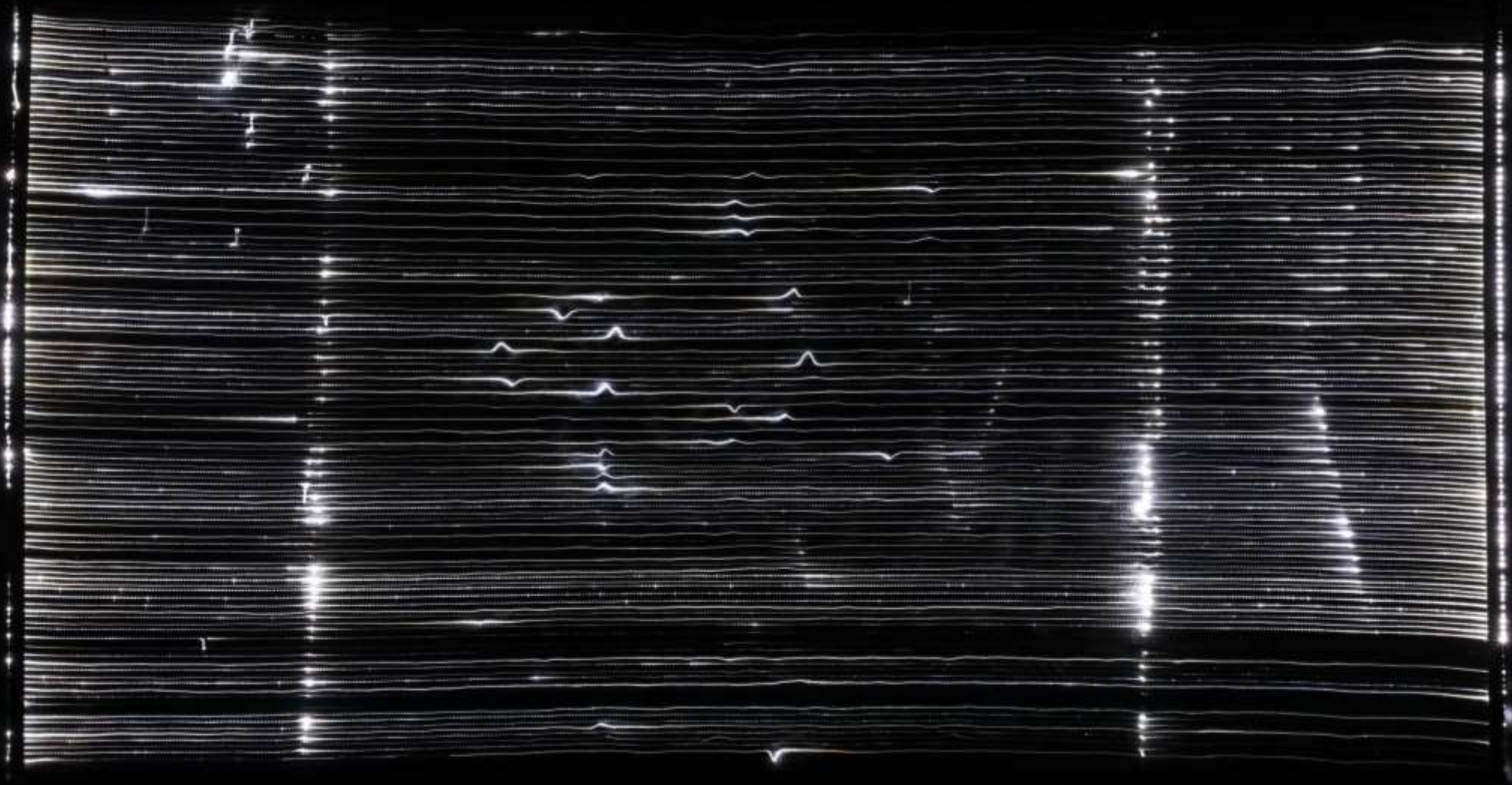
LUMINOUS WALL PANEL



PICTURE TAKEN IN LIGHTS
TURNED ON



PICTURE TAKEN IN LIGHTS
TURNED OFF

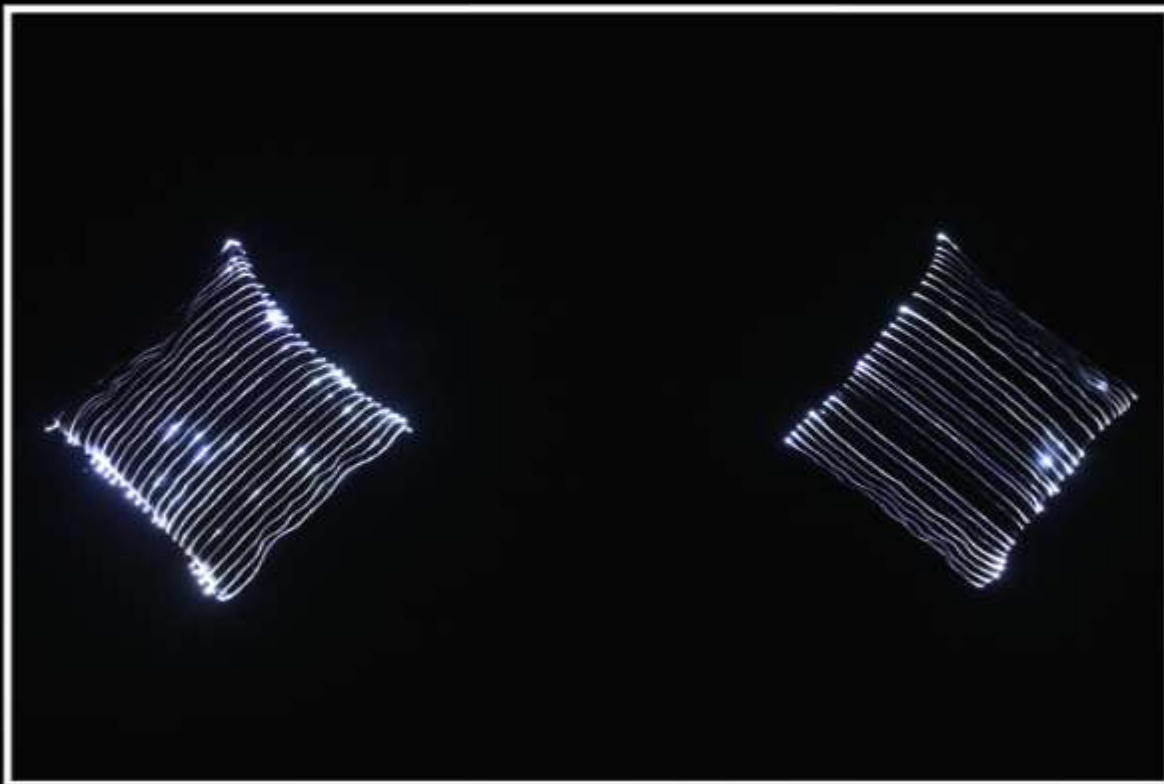


SIZE: 6FT BY 2FT

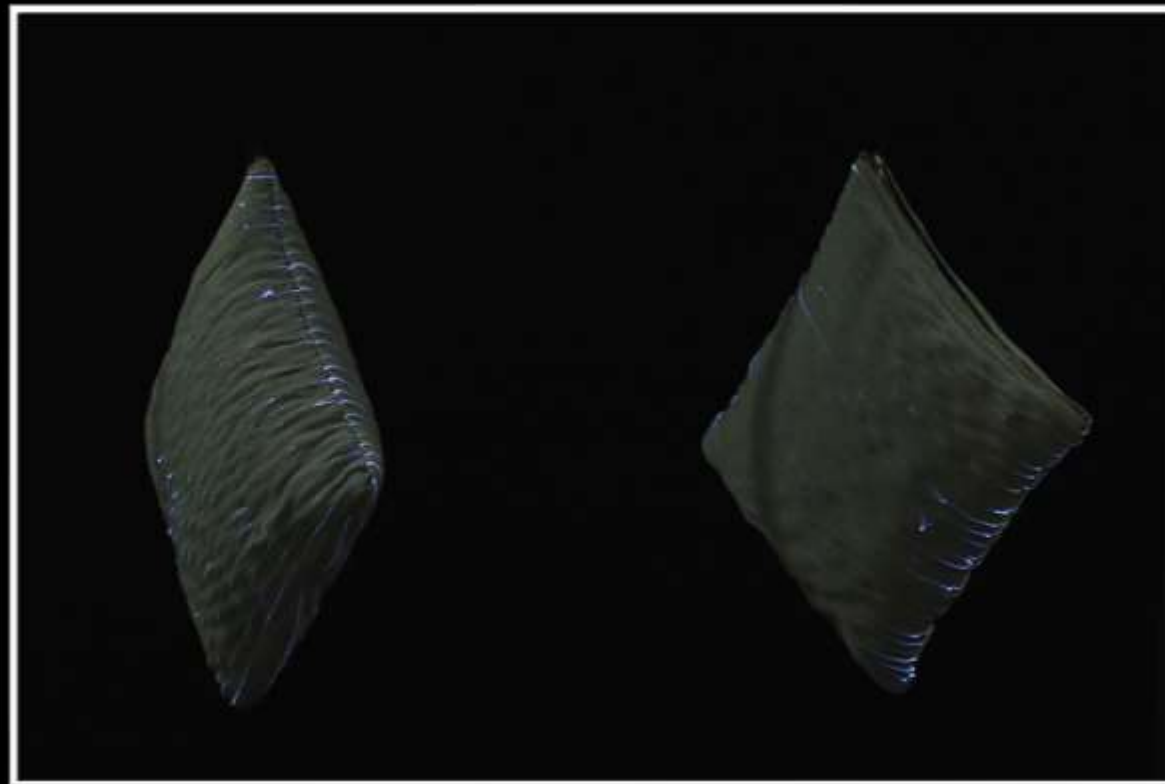
MATERIAL: OPTIC FIBER
FABRIC

FRAMED IN WOOD

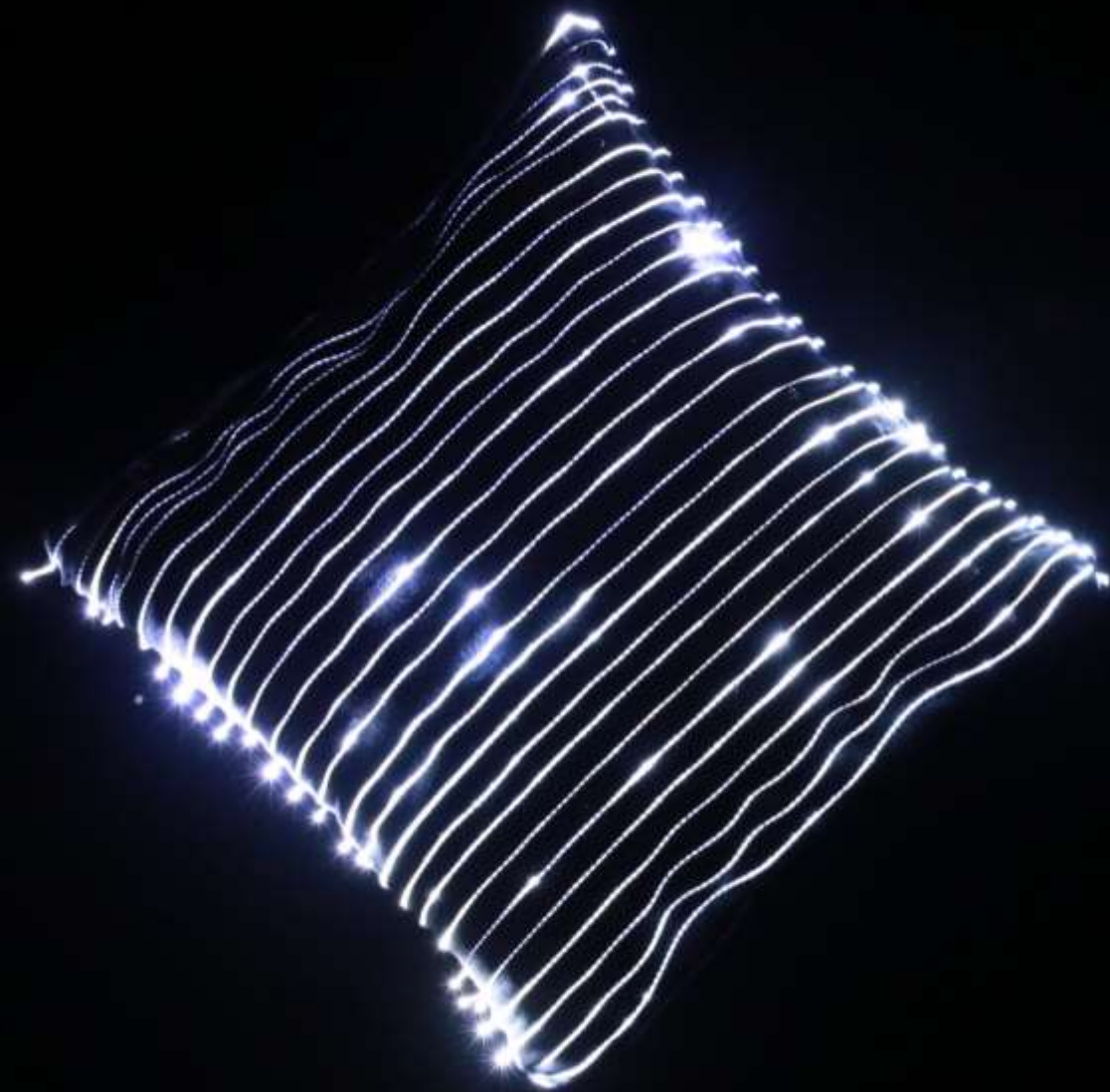
LUMINOUS CUSHIONS AND PILLOW



PICTURE TAKEN IN LIGHTS TURNED OFF



PICTURE TAKEN IN LIGHTS TURNED ON



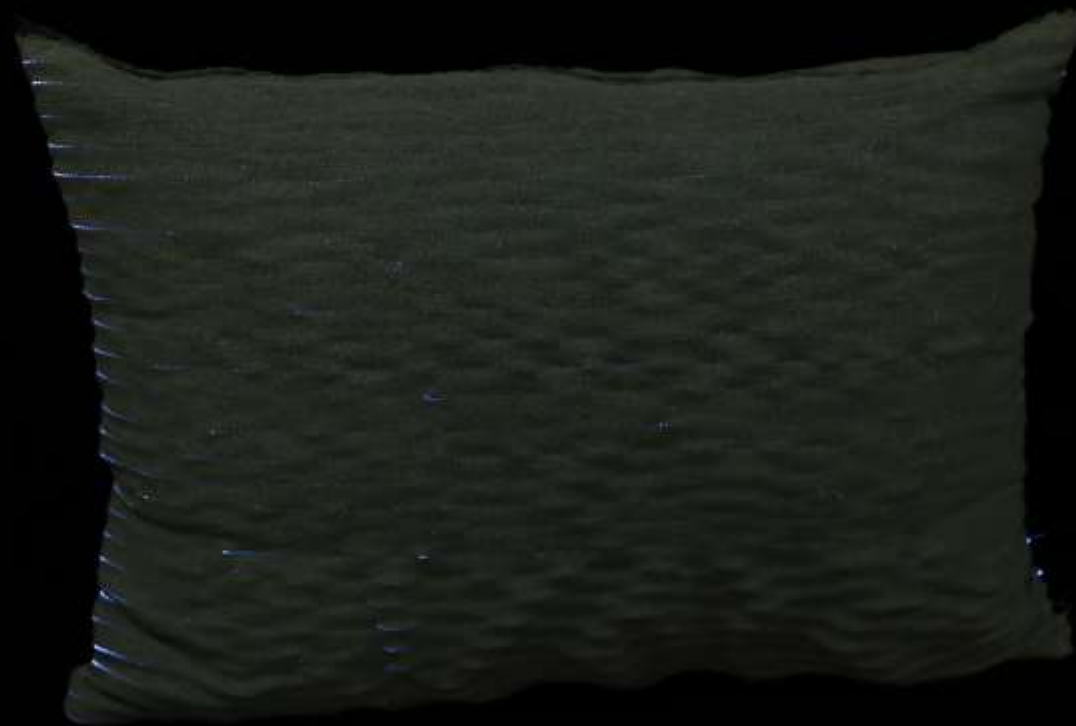
SIZE: 16 BY 16 INCHES

MATERIAL: OPTIC FIBER FABRIC

POLYESTER FILLING INSIDE



PICTURE TAKEN IN LIGHTS
TURNED OFF

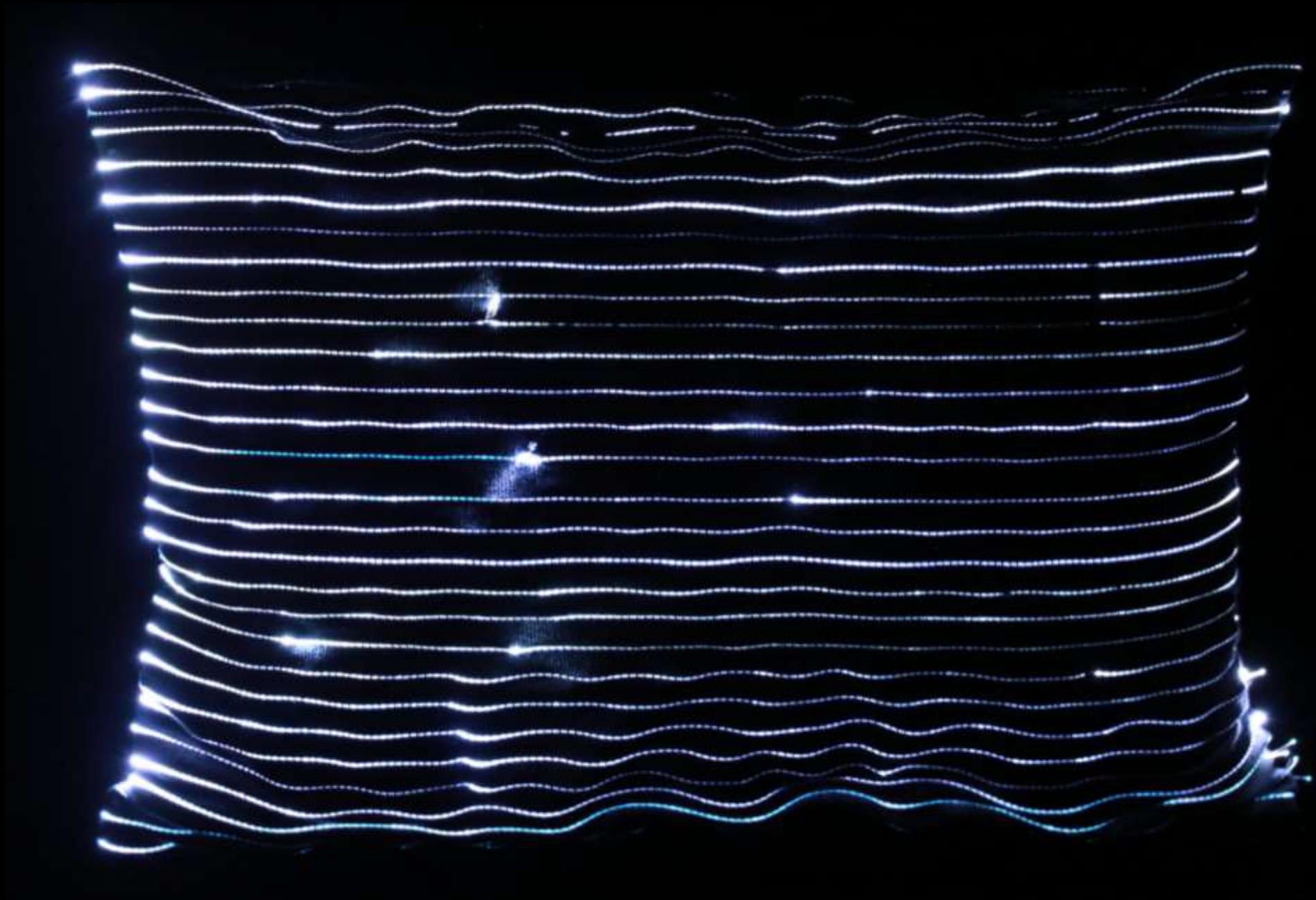


PICTURE TAKEN IN LIGHTS
TURNED OFF

SIZE: 20 BY 26
INCHES

MATERIAL: FIBER
OPTIC FABRIC

POLYESTER FILLING
INSIDE



LUMINOUS CAPE WITH BELT

FRONT



BACK



PICTURE TAKEN IN
LIGHTS TURNED ON

LUMINOUS LAPTOP BAG

FRONT

SIDE

PICTURE TAKEN IN
LIGHTS TURNED ON

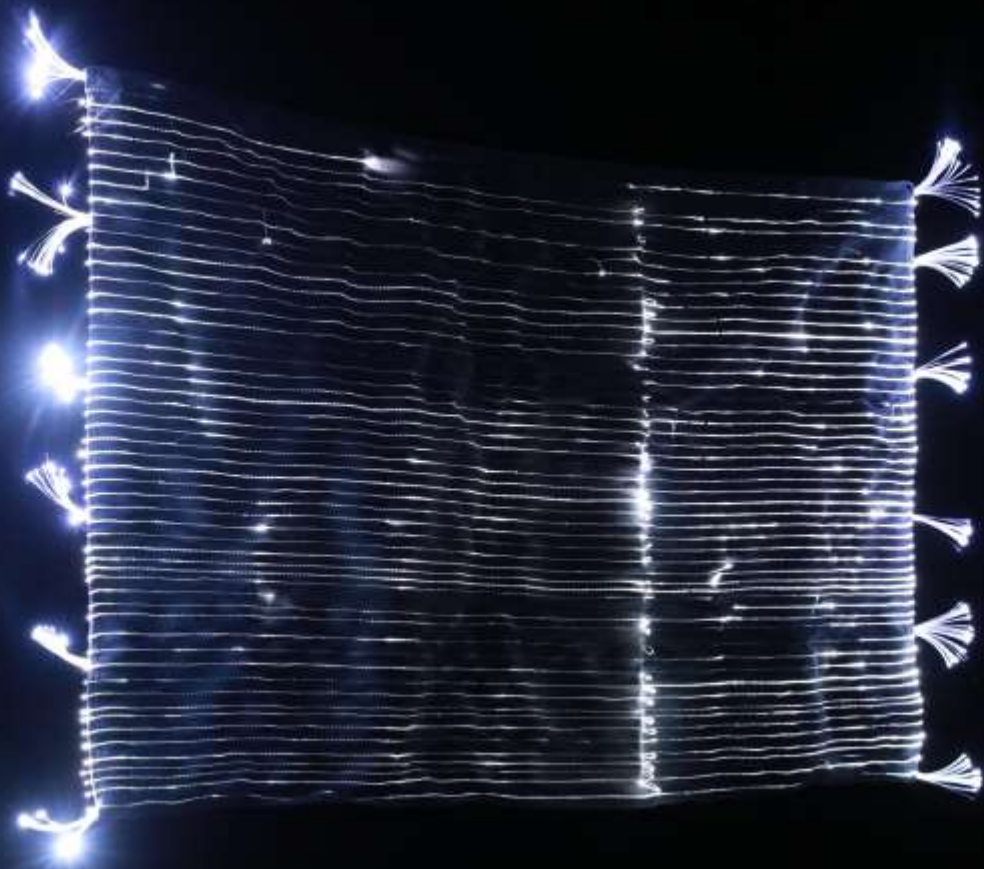


SIZE: 14 BY 11 INCHES

FIXED SHOULDER STRAP
2.15 INCHES WIDE



LUMINOUS RUNNER MATT



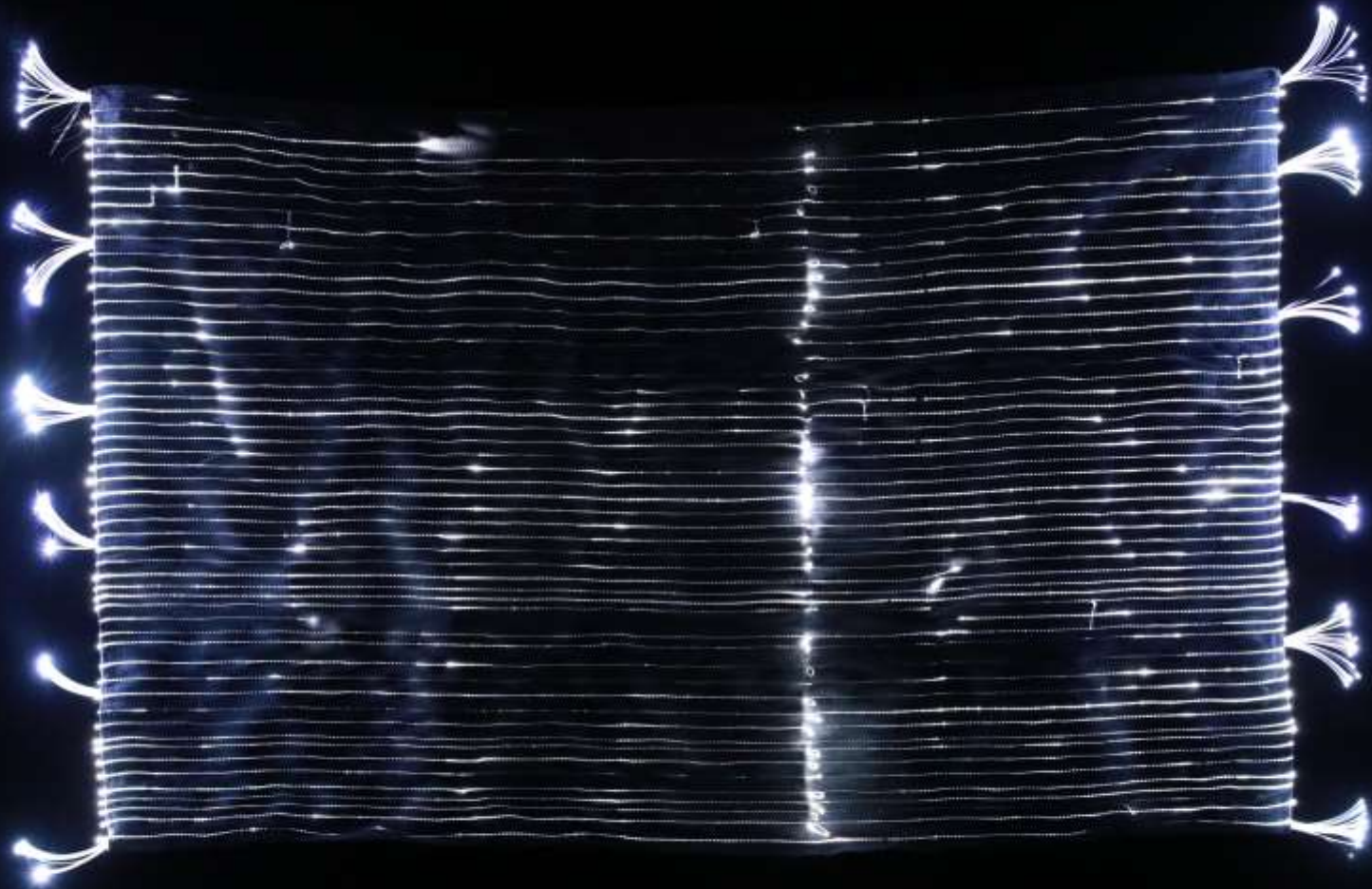
PICTURE TAKEN IN LIGHTS TURNED OFF



PICTURE TAKEN IN LIGHTS TURNED ON

SIZE: 5FT BY 2.75FT

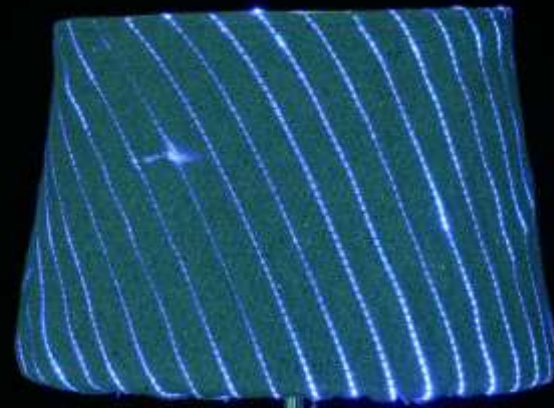
MATERIAL: FIBER
OPTIC FABRIC



LUMINOUS LAMP SHADE



PICTURE TAKEN IN LIGHTS
TURNED OFF



PICTURE TAKEN IN LIGHTS
TURNED OFF

SIZE: 8 INCHES
WIDE

MATERIAL:
OPTIC FIBER
FABRIC

ATTACHED WITH
SILVER STEEL
STAND



FINAL VIDEO OF THESIS

CLICK ON THE
VIDEO OF FINAL
LOOK OF THESIS



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THANKYOU