

COMPANY **PROFILE**

the year of



who we are & what we do

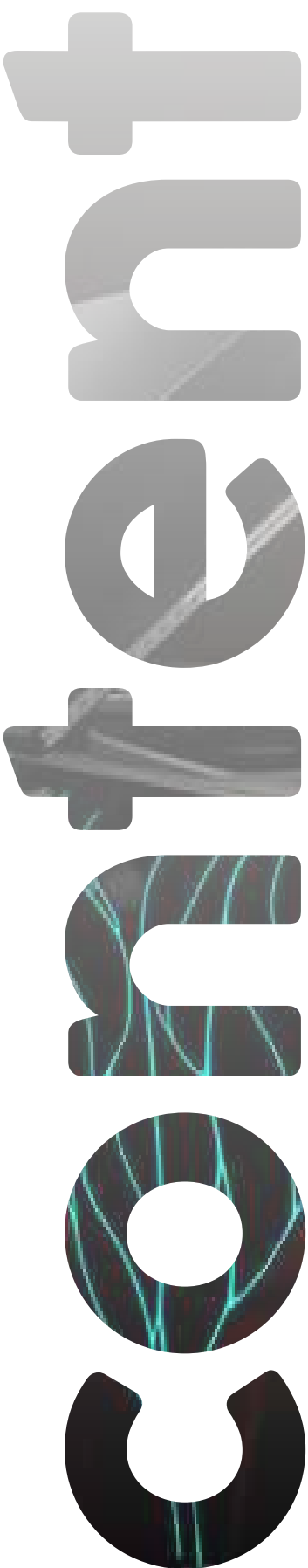


HELLO
WELCOME

Welcome to
Lumitor®

Let's go ▶

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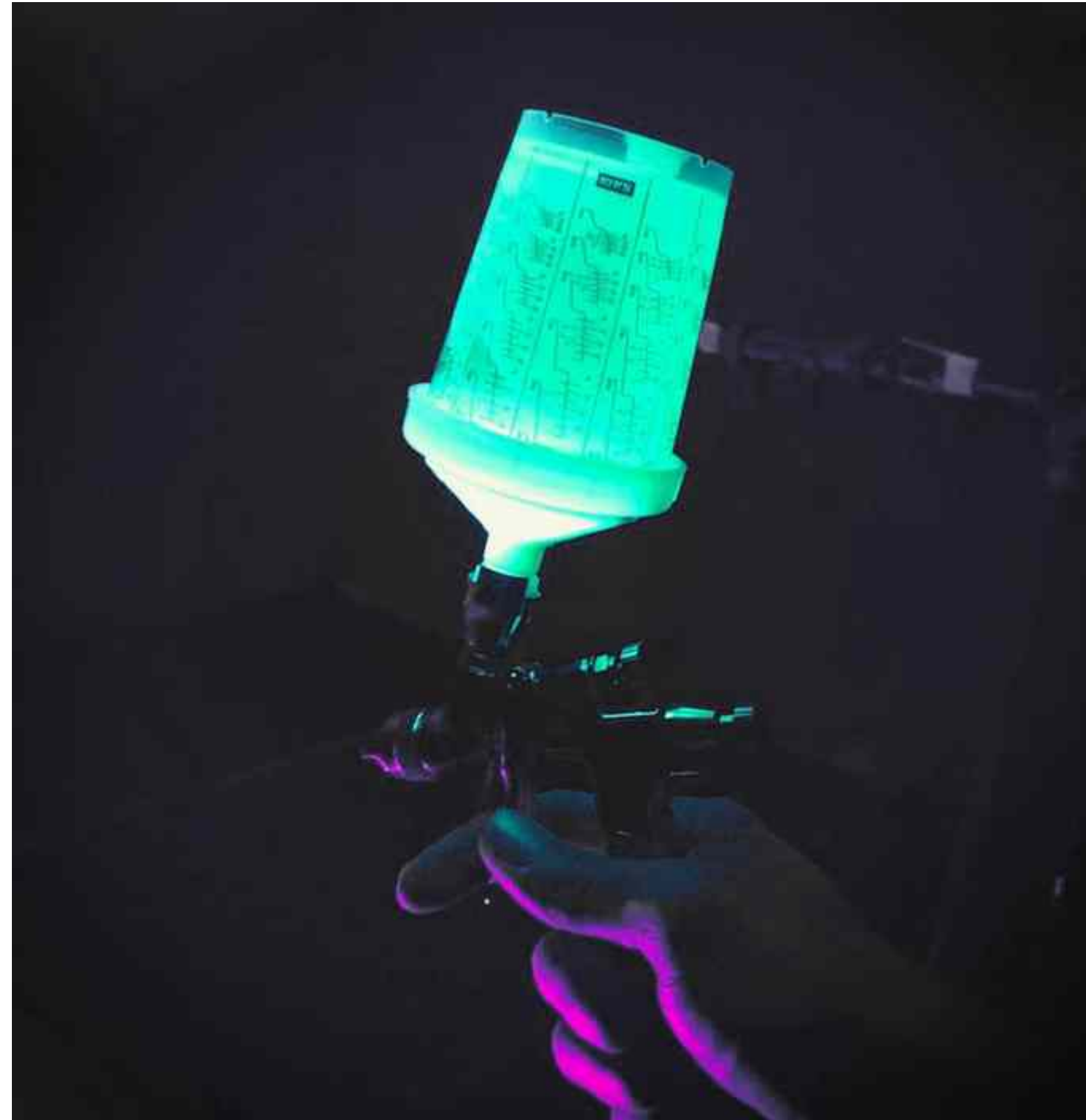
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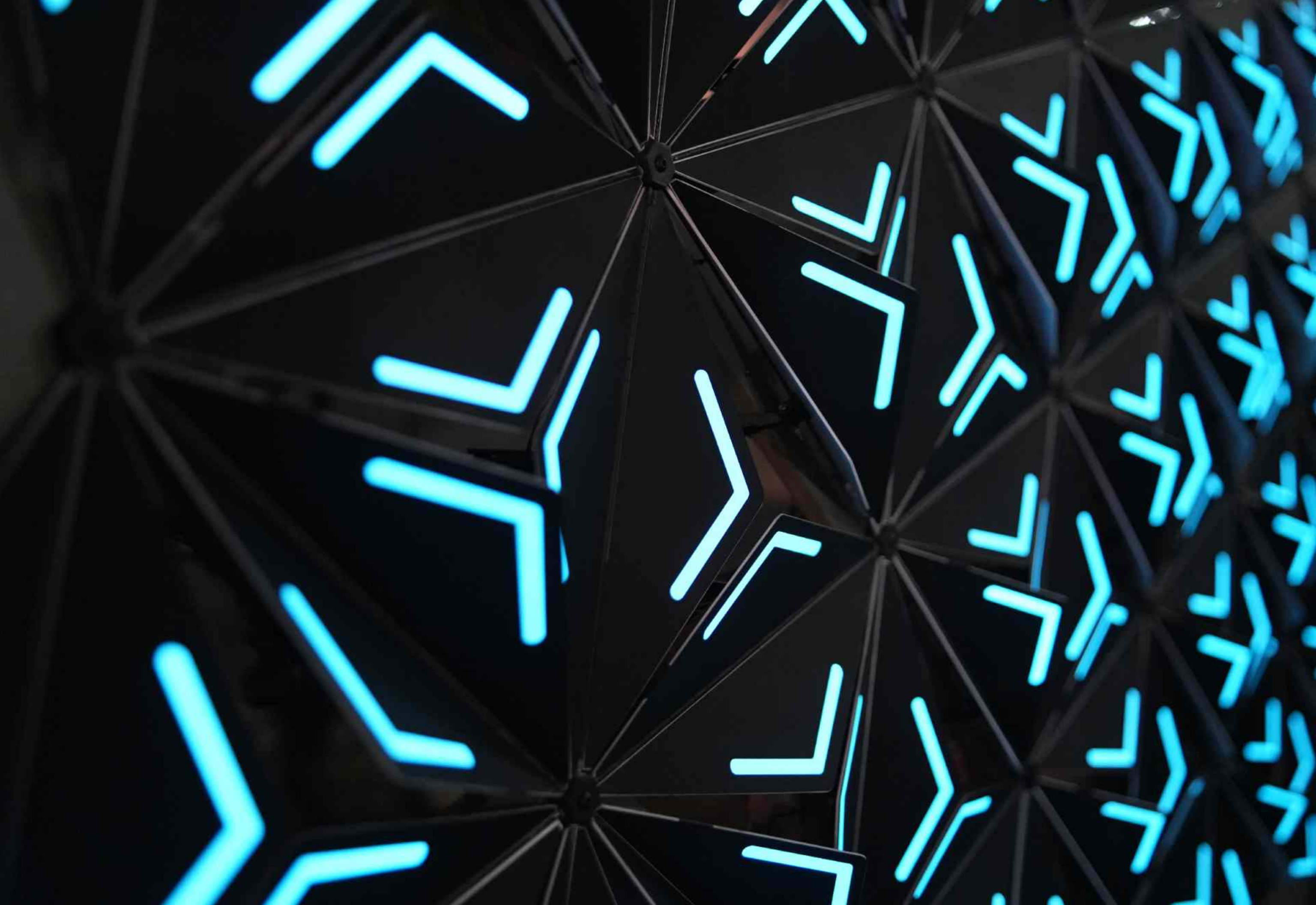
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we **Paint** with **Light**

Electric Paint System

Electroluminescent Paint
Light Emitting Coating





who we are



Introduction

LumiLor is World's 1st four layer Light Emitting Coating (LEC) system which allows anything coated with it to illuminate. LumiLor is applied using a professional high volume / low pressure (HVLP) paint system. The skills needed to apply LumiLor are similar to the skills needed to apply other professional grade coatings with an HVLP system.

It's four layer coating system includes unique processes and specifications. Three to five hours is needed to apply all of the layers of LumiLor in standard conditions. LumiLor should be applied in an ambient temperature of at least 70 degrees Fahrenheit.

LumiLor is available in eight native colors, these are colors you see when LumiLor is lit. Aqua, Blue, Green, Yellow, Orange, White, Pink & Violet. LumiLor appears as a gray hue, similar to an automotive primer, when unlit. Topcoats (Airbrushing, Tinted clear coats, Colored top coats, Hydrographics, etc.) can be used to alter the appearance of LumiLor to create a desired effect.

CEO'S MESSAGE



Hello, I'm **Saurabh** Ahuja

CEO – LumiLor India

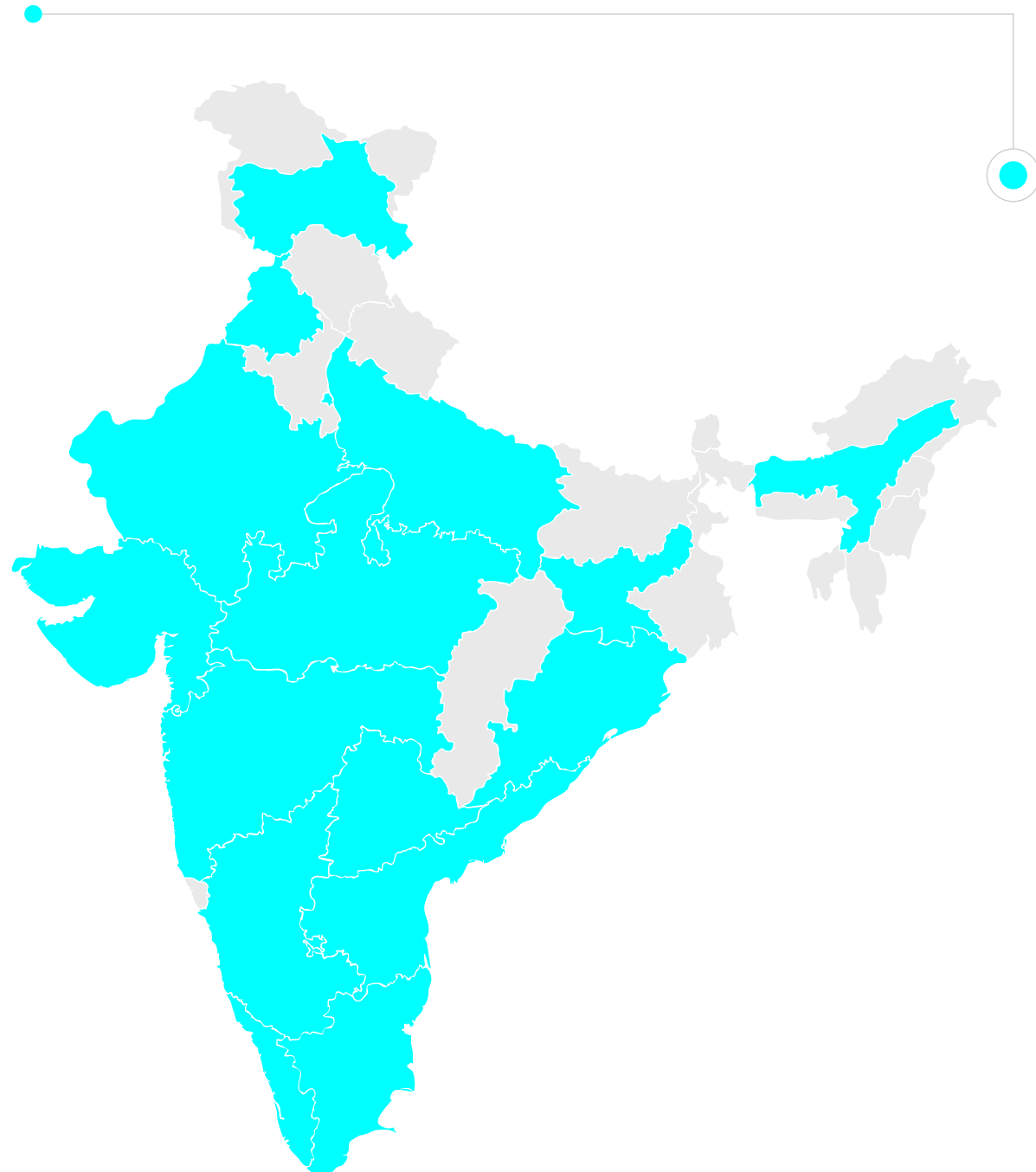
“ This amalgamation of art and technology is truly impressive. It has an eye-catching aspect to it which evolves with every blink you take.

Certainly this innovative concept has laid a new foundation for the paint industry, being one of its kind invention. The attraction and benefits of this technology are innumerable and artists will have something fresh to express themselves.

I am very optimistic about LumiLor and looking forward to its illuminating future.”

– Saurabh Ahuja...

LUMILOR INDIA



Illuminating **India** with **Lumilor**

“ The pioneer culmination of art & tech, Lumilor is surely one of the jewels of the paint industry. Being ‘first in its league’ it has left a lasting impression on artists, observers and paint industry at large and has garnered a wide range of positive response bringing praise, awards, accolades and international recognition for its exclusivity and performance.

Saurabh Ahuja (CEO, Lumilor India) introduced Lumilor to India which was met by a great reception at Noida (Lumilor India Headquarter) during Motocraft event. Lumilor now holds its lab in major regions of India and has a dedicated training institute at Noida.

The fast-paced growth of Lumilor in India is boosted with its popularity among clients and observers. Lumilor never ceases to exceed expectations and reach new heights of excellence every time a project is completed and is more than ready for the next one. ”

THE LUMILOR STORY



“ Andy Zsinko, an aftermarket painter with over 25 years of experience, was the mastermind behind LumiLor. The idea was developed in 2009 while sharing a beer with his pals.

Andy had just completed a special glow-in-the-dark paint job for a friend, but was unhappy about the short life and lack of control of the glow. This frustration prompted Andy to begin the search for a solution to the questions, “What if I could control the light, and what if I could make it shine brightly for hours?”

Soon after, he set to work creating a rough version of what would eventually become LumiLor.

Andy Zsinko

By June 2010 Andy had a prototype formula which he used on a 1976 Kawasaki Police 1000, painting the album cover of Pink Floyd’s Dark Side of the Moon on the rear box of the motorcycle.

After he finished he took the bike to a hotel in Berea, Ohio to meet up with a group of friends and when they saw the iconic rainbow jutting from the prism flicker to life their jaws hit the floor....and Darkside Scientific was born.

Andy and Shawn Mastrian created a team that continued the development of LumiLor to the world class product it is today. Sadly, Andy passed away in March 2015, however his legacy continues to move forward with a team that has the same goals and aspirations. ”



GLOBAL PRESENCE

LumiLor has multiple patents across the globe.

Presence is

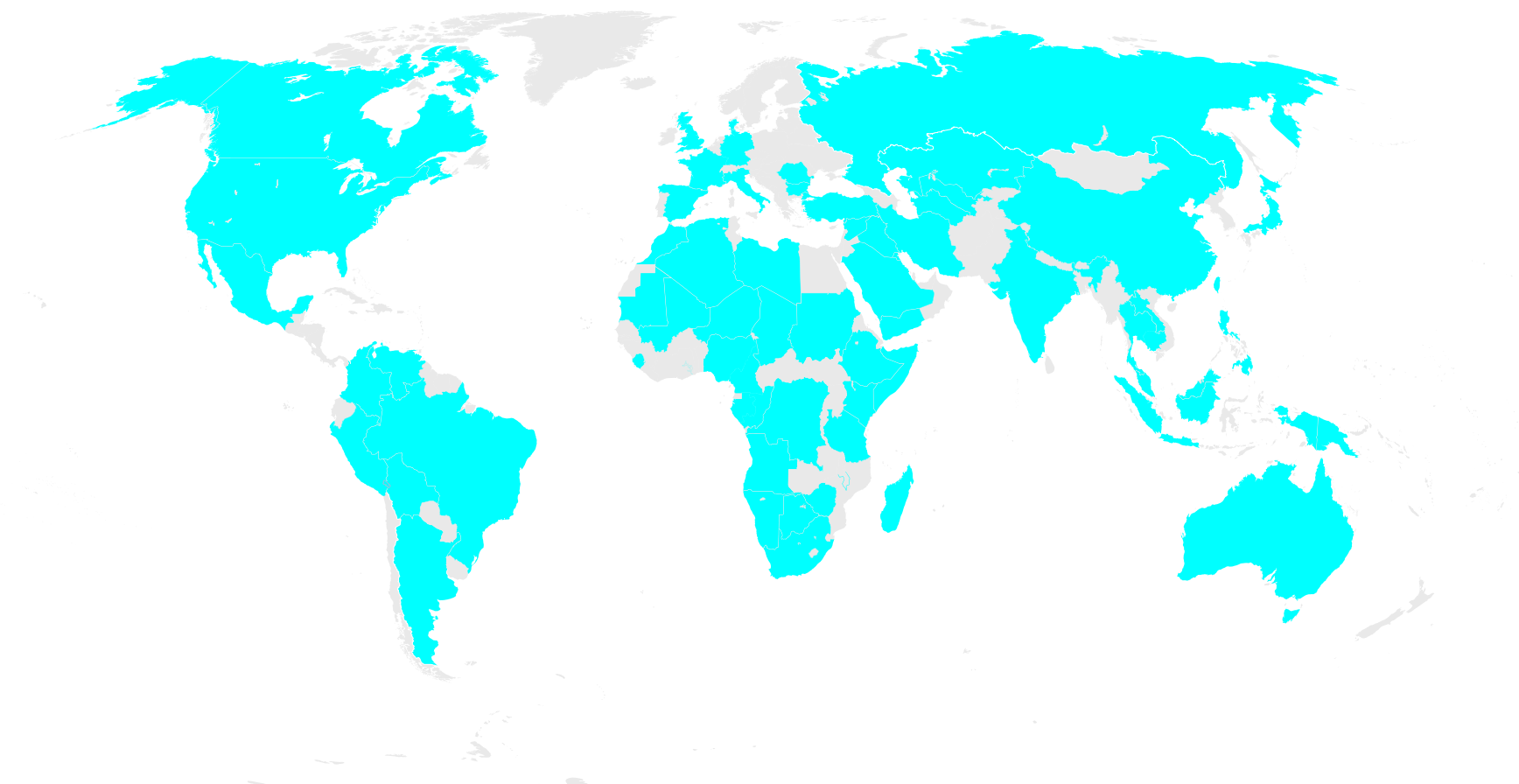
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Nations

Patented in

55

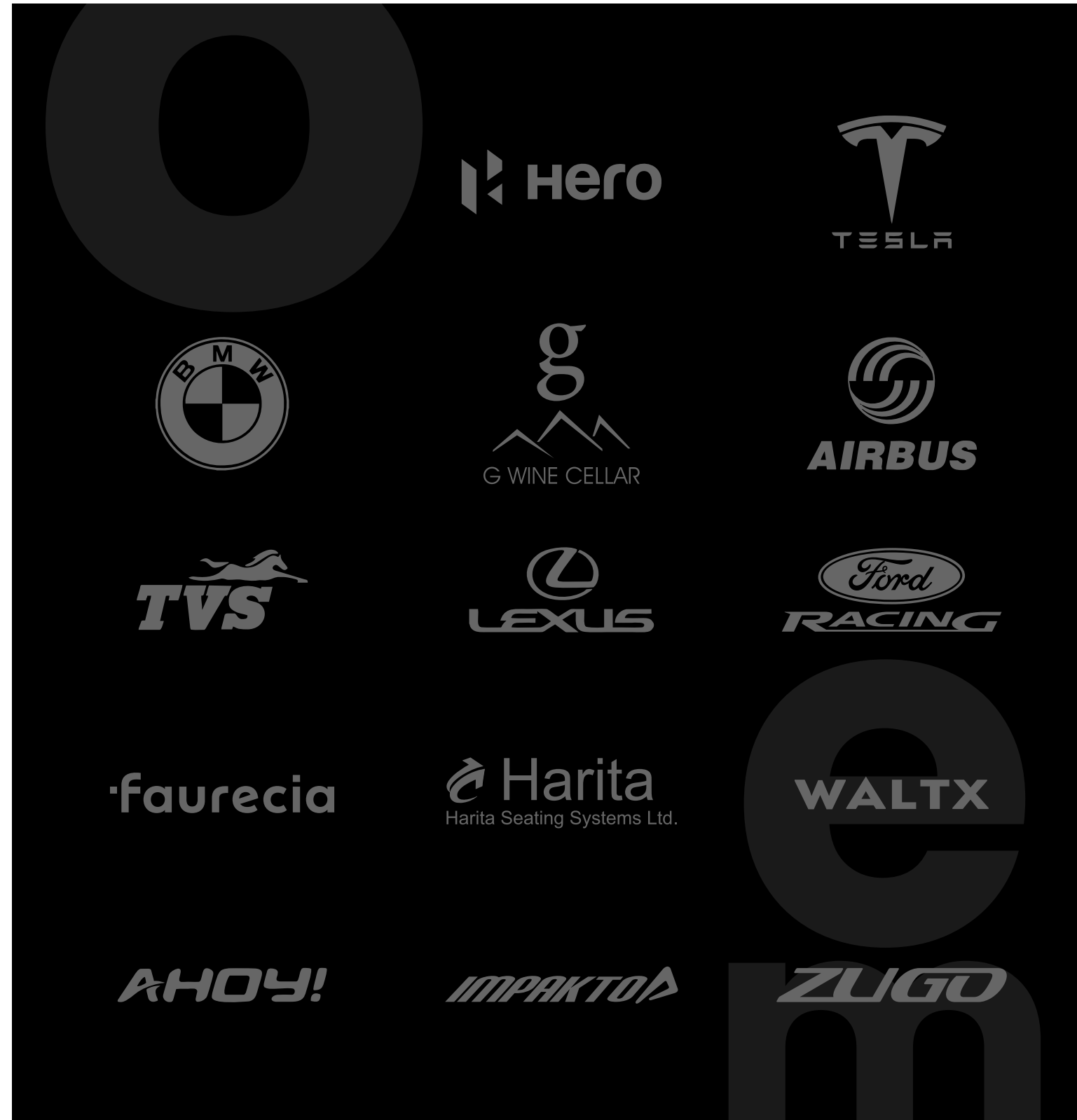
Countries

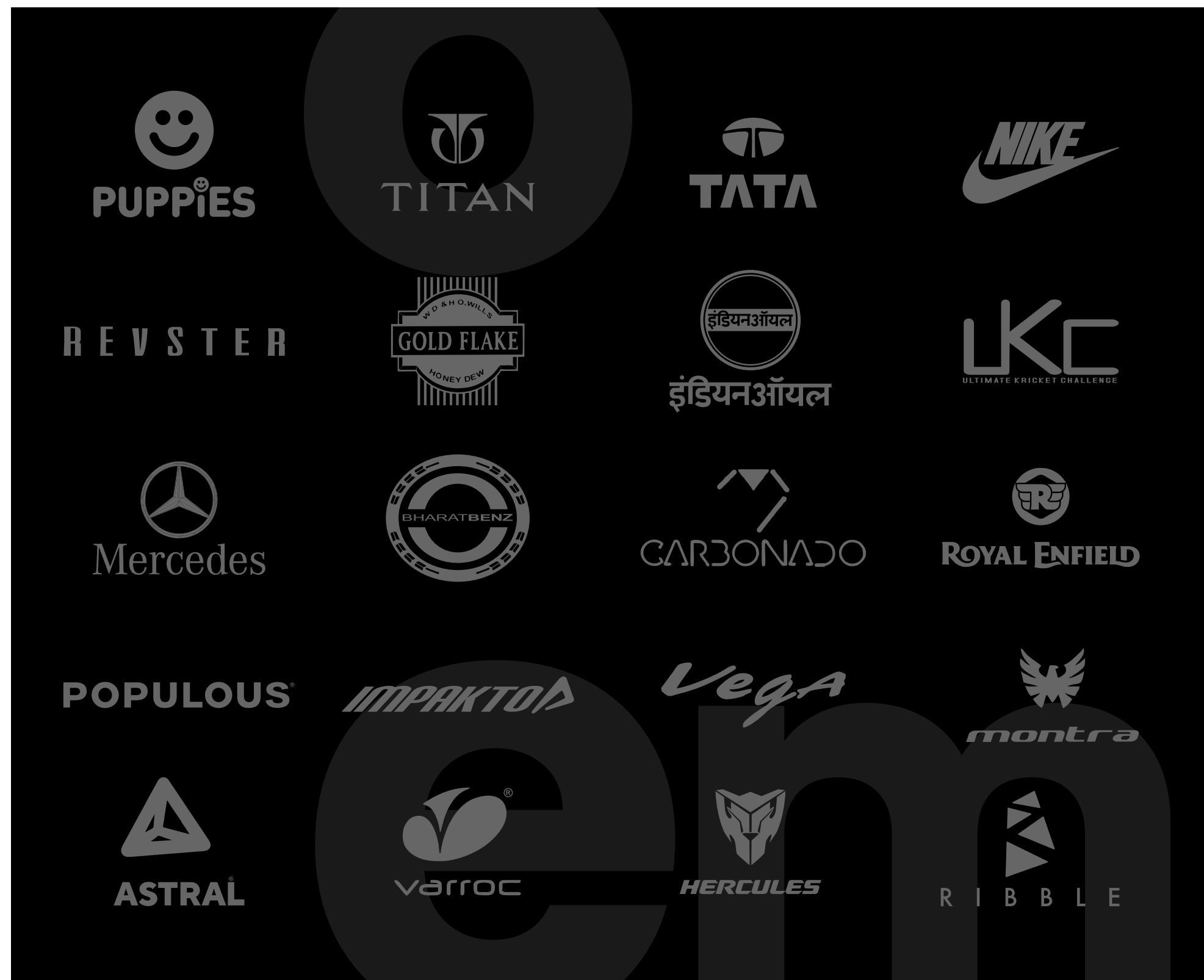


Original Equipment

Manufacturer

OEM for





KEY ACHIEVEMENTS

Exhibited in

Sema Show 2017
Auto Expo – Components 2018
Auto Expo – Components 2020
Auto Expo – Components 2023

Awarded

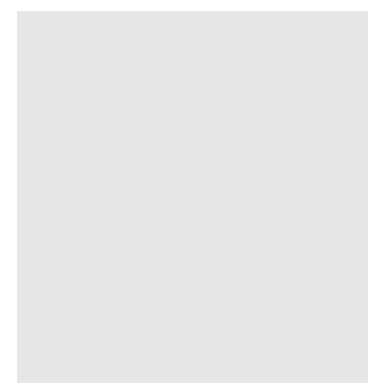
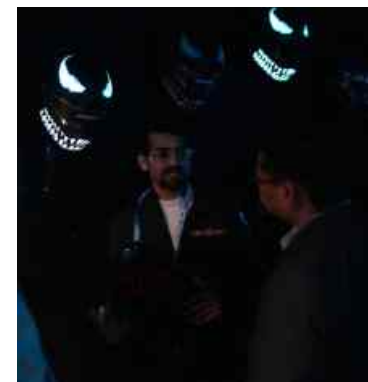
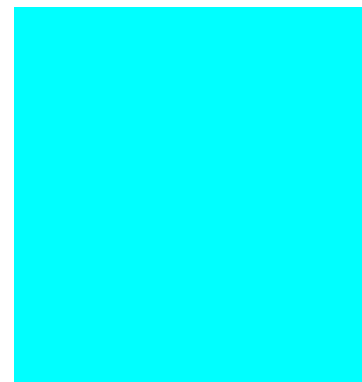
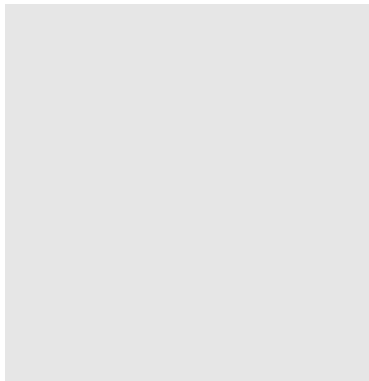
Tesla Innovation Awards
Sema Global Media Awards Winner

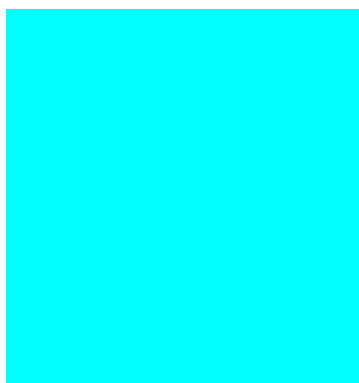
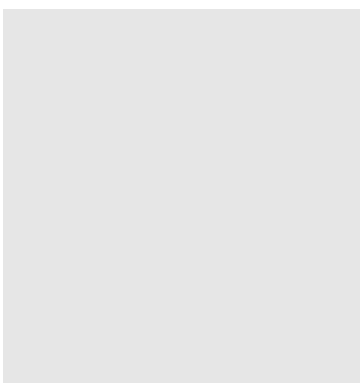
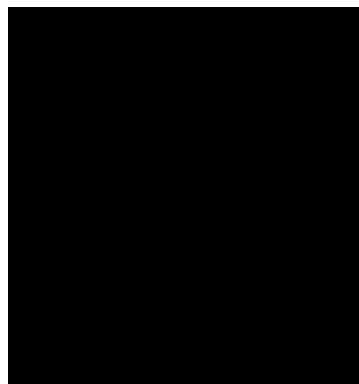
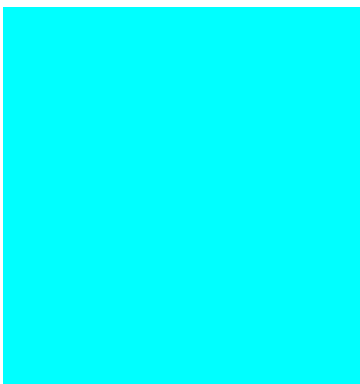
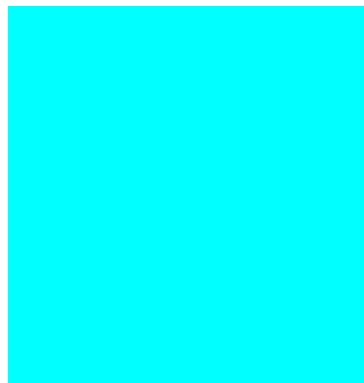
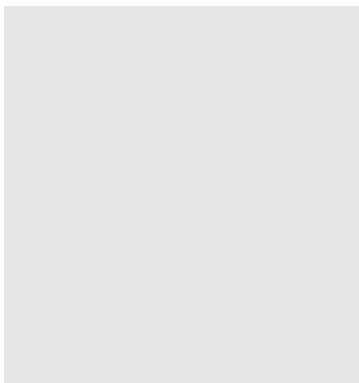


Auto Expo

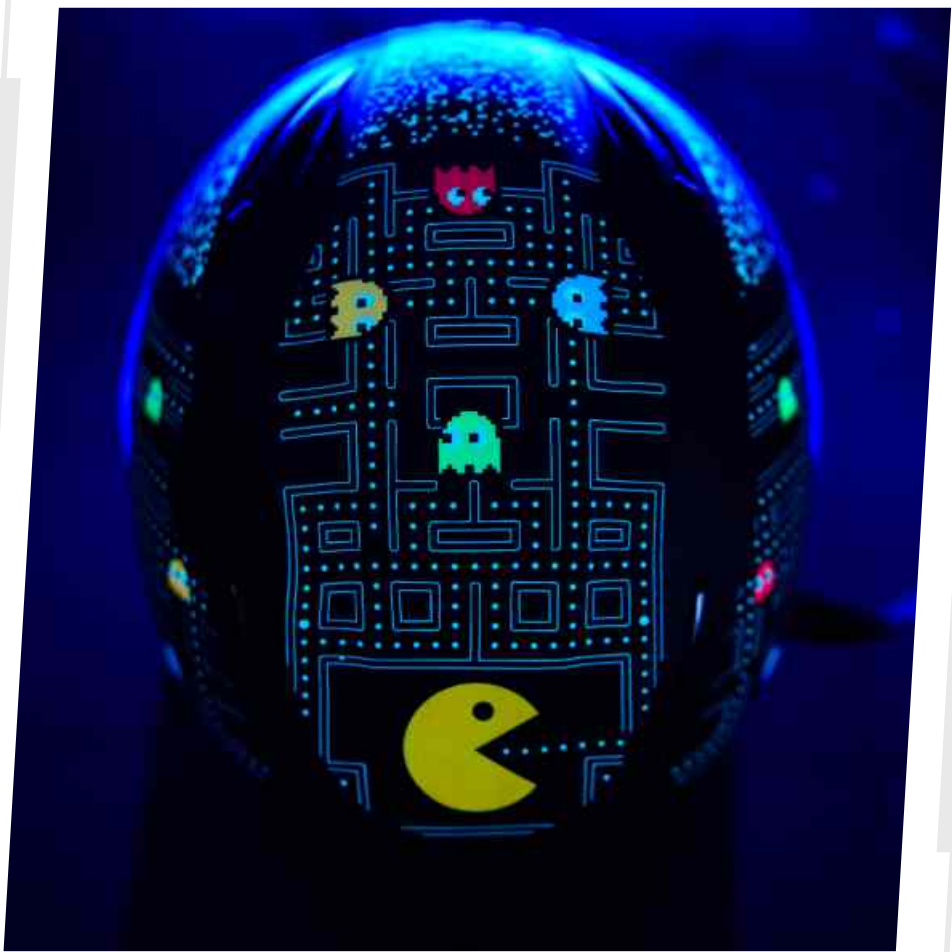
Components

Electroluminescent Paint
Light Emitting Coating





LUMILOR FOR MANUFACTURER

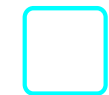







Our Technology – Your Product

Add Lumilor to your product

Manufacturers work directly with us to add Lumilor to your existing or future products. Our team will guide you through the entire process from planning, design, prototyping, and all the way through production integration.

One of the first things clients want to know is how much Lumilor costs. Pricing is dependent on the criteria of the project including:

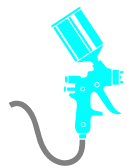
- | | |
|--|---|
|  OBJECT
The size, shape, and material of what is to be lit. |  COVERAGE
The total square inches of Lumilor that will be needed. |
|  DESIGN
The complexity or simplicity of your design. |  APPLICATION
How Lumilor will be applied (Paint, Vinyl, Screen, etc.). |
|  AMOUNT
The size of your production run. |  CUSTOMIZATION
Custom top coats, advanced electronics, etc. |

LUMILOR ELECTROLUMINESCENT COATING

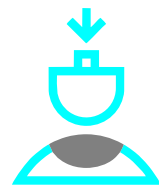
LIGHT EMITTING COATING

Connect with LumiLor to share your vision of what you would like to do with LumiLor by completing the form below.

Apply light with



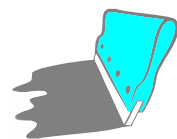
SPRAY PAINT



PAD PRINTING



VINYL DECALS



SCREEN PRINT



**WATER SLIDING
DECALS**

LumiLor is delivered as a liquid coating and as a pre-applied film, making it very easy to integrate lighting solutions into products that were difficult (if not impossible) to illuminate before.



Lumilor®



How *Lumilor*[®] is Applied?

Electric Paint System
Light Emitting Coating



HOW LUMILOR IS APPLIED?



Electric Paint System Light Emitting Coating

LumiLor is applied using a professional high volume / low pressure (HVLP) paint system.

The skills needed to apply LumiLor are similar to the **skills needed** to apply other **professional** grade coatings with an **HVLP system**.

LumiLor is a **Four Layer Coating System** and includes processes and specifications which are unique to our patents.

Three to five hours is needed to apply all of the layers of LumiLor in standard conditions. LumiLor should be applied in an ambient temperature of at least **70 degrees Fahrenheit**.

<https://youtu.be/78iRCkDva00>

How's *Lumilor*[®] Powered?

Electroluminescent Paint
Light Emitting Coating



HOW'S LUMILOR POWERED?



Electric Paint System Light Emitting Coating

Lumilor requires alternating current to produce light; it will not emit light with direct current. Direct current (DC) can be converted to alternating current (AC) with the use of an inverter.

Power Ratings/Requirements

INVERTER

An inverter converts direct current (DC) to alternating current (AC).

VOLTAGE

60V AC to 200V AC

FREQUENCY

200Hz to 1600Hz

POWER CONSUMPTION

1 mA (milli-amp) per square inch.



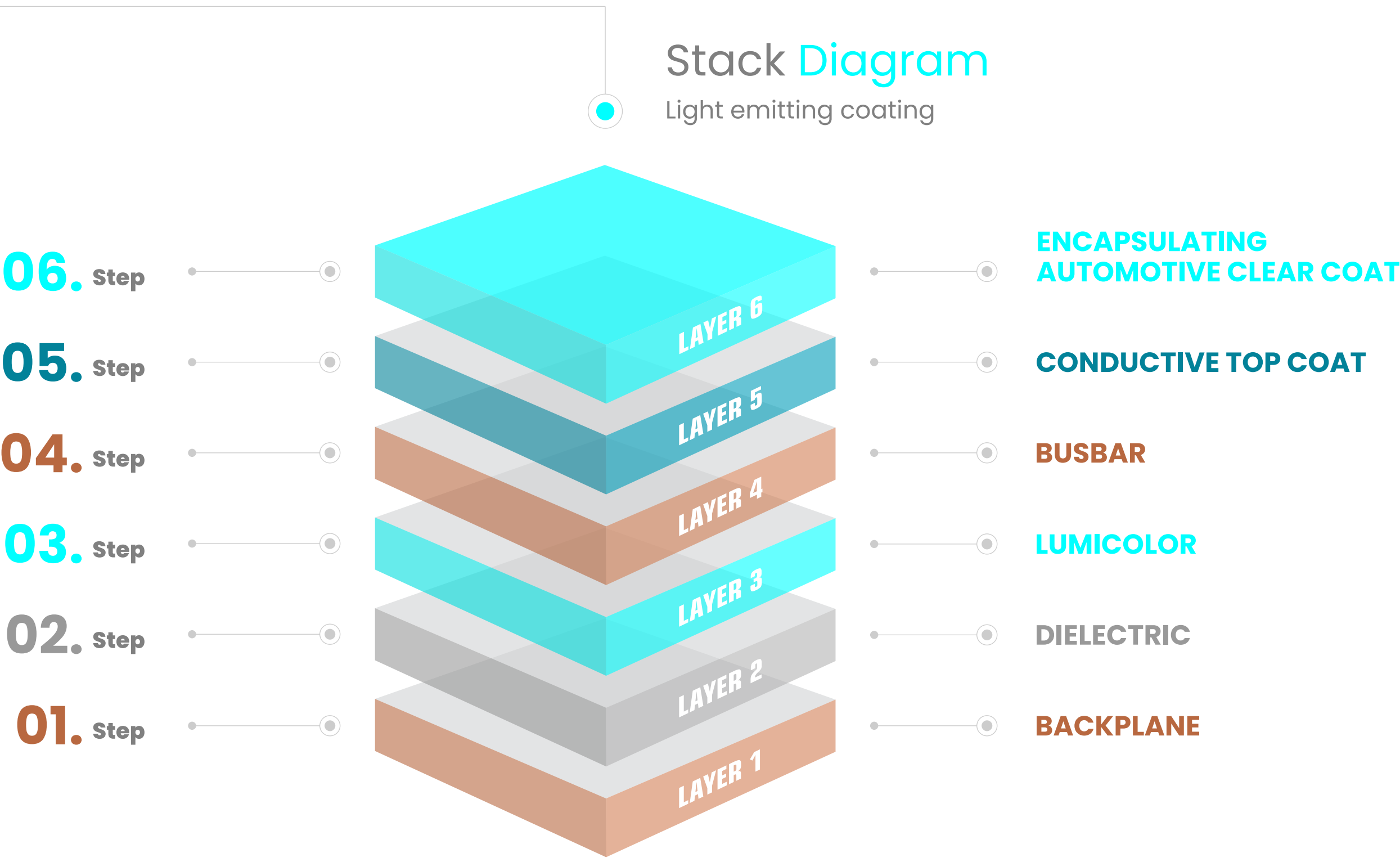
Lumitor

Basic Explanation of the **Lumilor**[®]

Stack Diagram
Light Emitting Coating



BASIC EXPLANATION OF THE LUMILOR



STEP – 3

LUMICOLOR

LUMICOLOR LAYER: The color providing is the function of our third coat called the 'LUMICOLOR'. Lumicolor is a very large part that will be sprayed on with black lights to see where the color is being applied.

STEP – 2

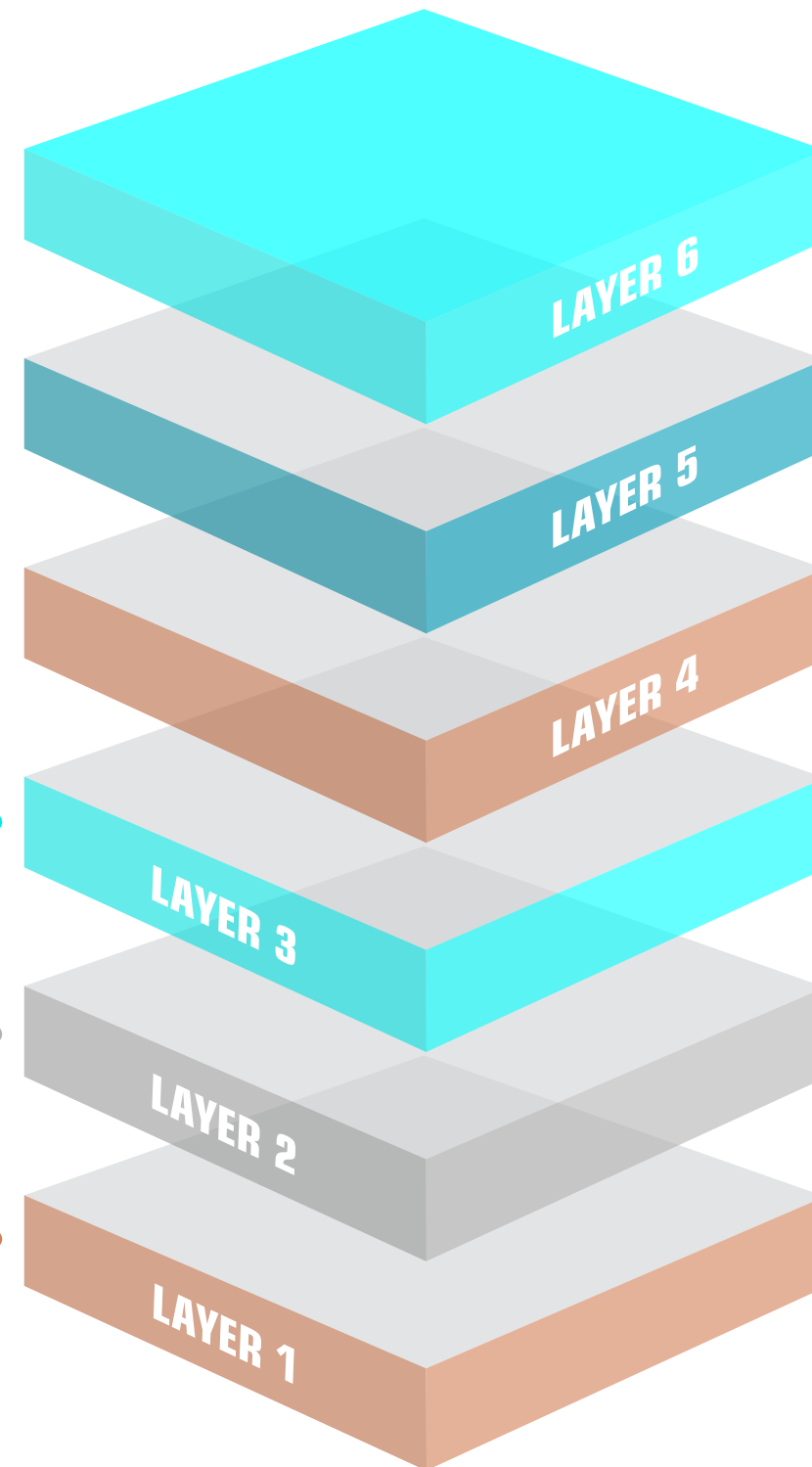
DIELECTRIC

DIELECTRIC LAYER: Next is the Dielectric layer that does two very important things. First, it access insulation supplied over the entire back plane evenly ensuring there is no burning or shorting. Second, it ensures the current is being distributed evenly across the surface to produce even light.

STEP – 1

BACKPLANE

BACKPLANE LAYER: The Back Plane is a highly conductive low-resistance material that allows the current to be supported across the entire electric surface when applied in an even and consistent manner.



STEP – 6

ENCAPSULATING AUTOMOTIVE CLEAR COAT

In the last step, the Conductive Top Coat is topped off with ENCAPSULATING AUTOMOTIVE CLEAR COAT.

STEP – 5

CONDUCTIVE TOP COAT

THE CONDUCTIVE TOP COAT layer is the final conductive element- the most charged allows Lumilor to emit light.

STEP – 4

BUSBAR

BUSBAR APPLICATION: The next application is the Bus Bar. The Bus Bar is the conductive layer of the Back Plane Material that provides a zero resistance power for better current distribution to the conductive top coat.



What kind of
Surface
can
Lumilor[®]
be **Applied** to?

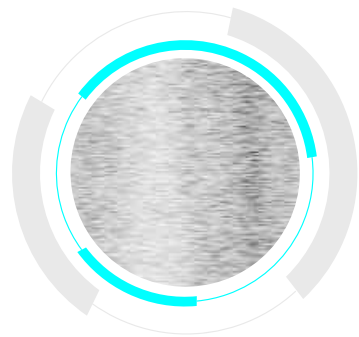
Electroluminescent Paint
Light Emitting Coating



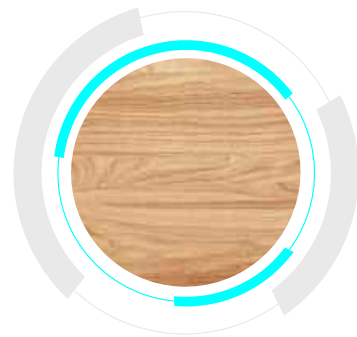
WHAT KIND OF SURFACE CAN LUMILOR

be Applied to?

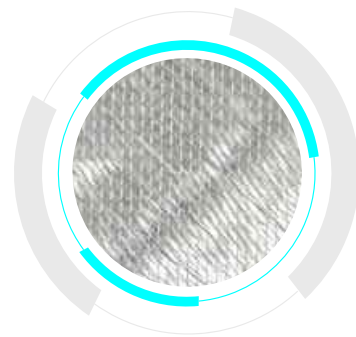
Lumilor can be applied to any non-porous substrate including but not limited to



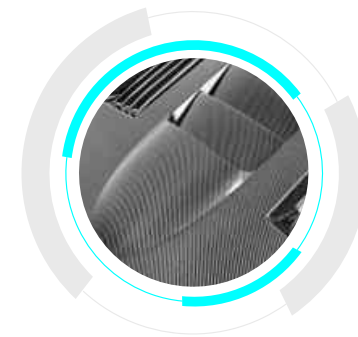
Metal



Wood



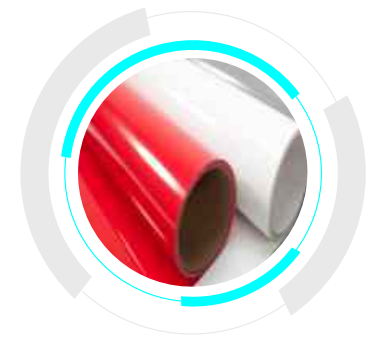
Fiber Glass



Carbon Fiber



Plastic



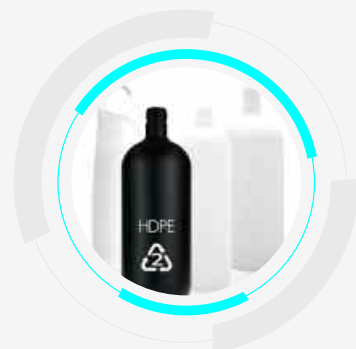
Vinyl



Glass



Rubber



HDPE Plastics

Adhesion promoters with automotive clear coats can be used to apply Lumilor to substrates such as



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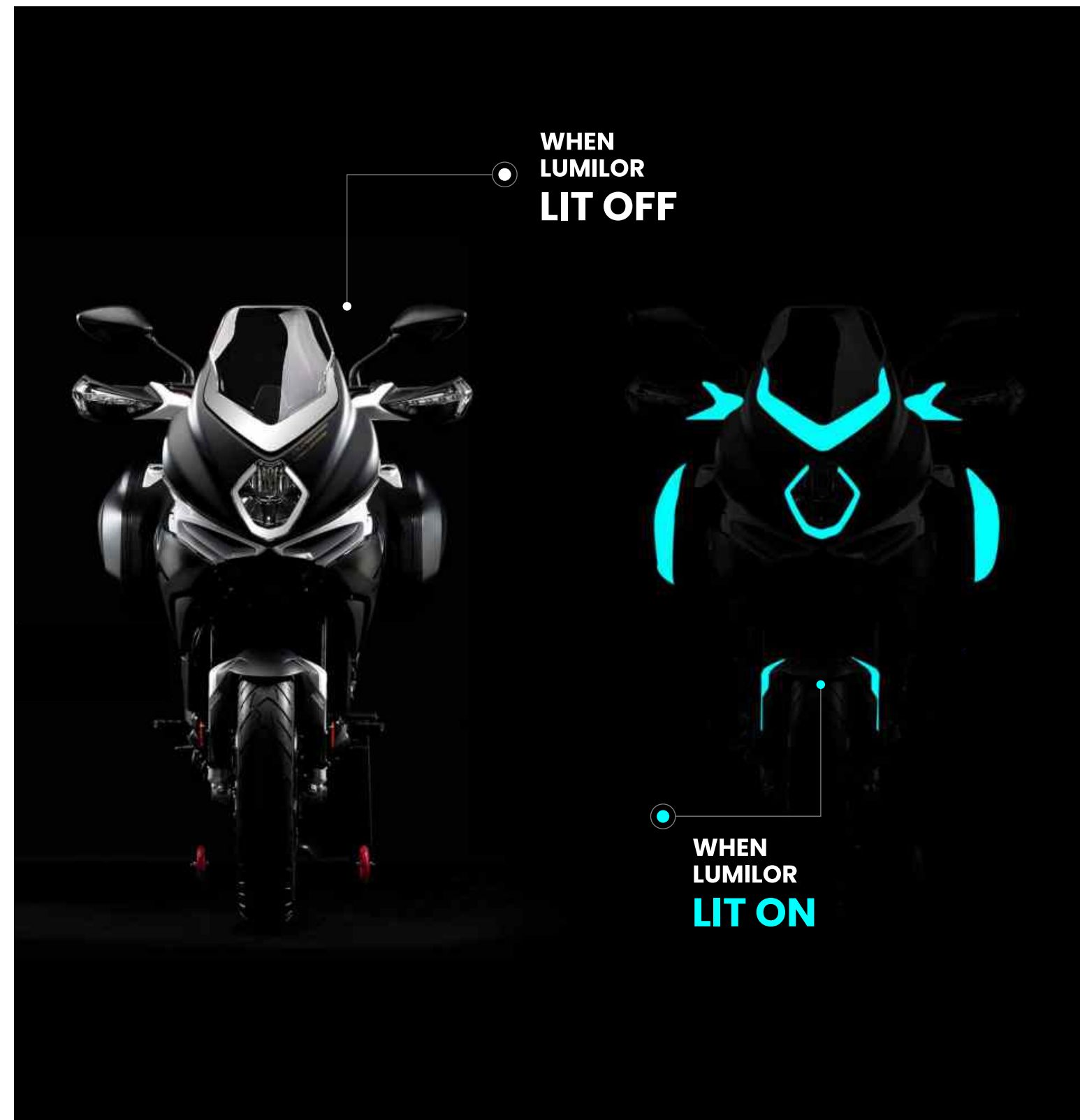


<https://youtu.be/hhrjanokPV0>

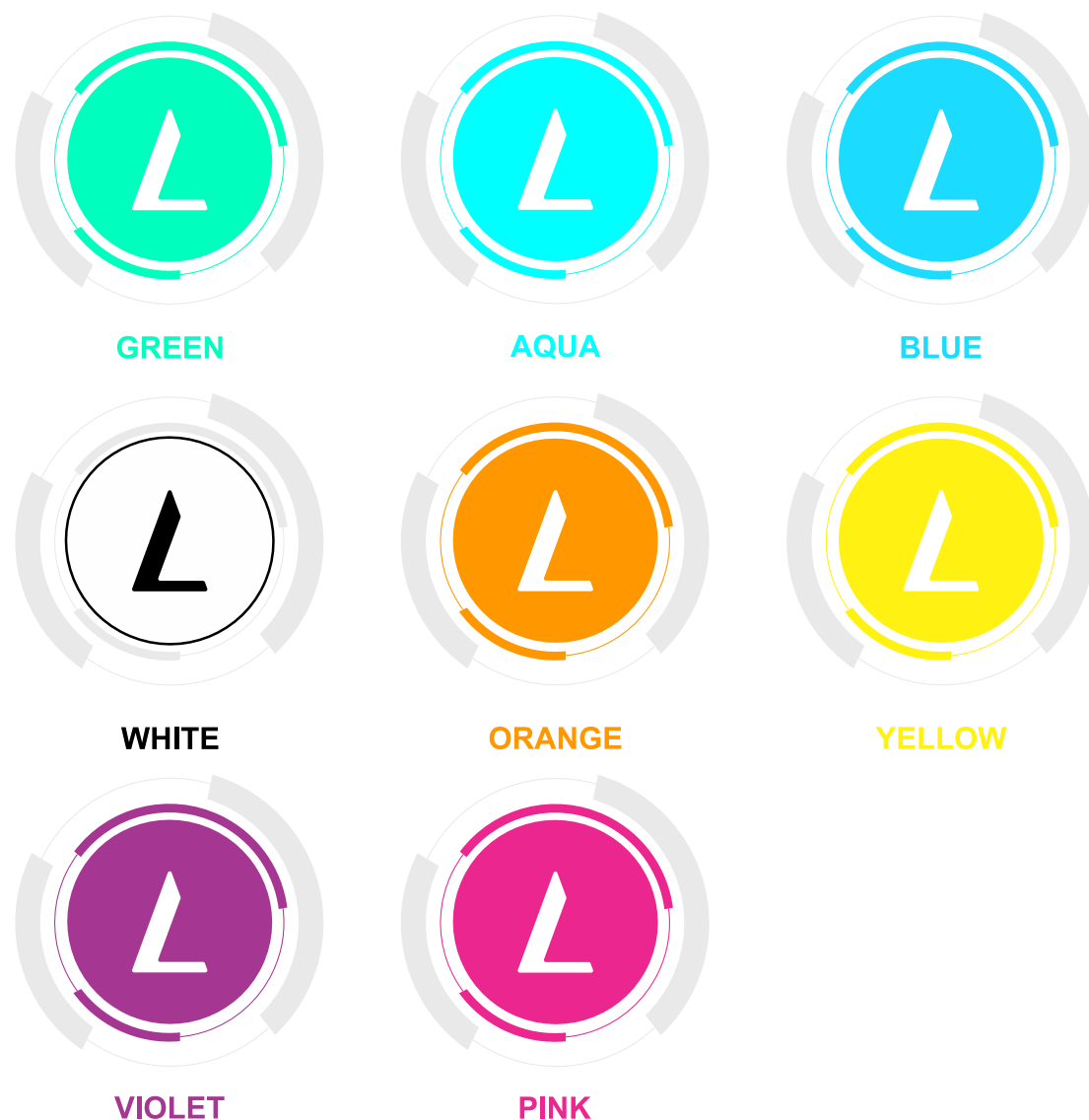


What
Color is
Lumilor[®]
when
Lit & Unlit ?

Electroluminescent Paint
Light Emitting Coating



WHAT COLOR IS LUMILOR WHEN



Lit & Unlit ?

LumiLor is available in eight native colors, these are colors you see when LumiLor is lit.

Green, Aqua, Blue, White, Orange, Yellow, Violet & Pink

LumiLor appears as a gray hue, similar to an automotive primer, when unlit.

Topcoats (Airbrushing, tinted clear coats, colored top coats, hydrographics, etc.) can be used to alter the appearance of LumiLor to create a desired effect.

What about red?

You want red LumiLor, we want red LumiLor, everyone wants red LumiLor.

Why is there no red LumiLor?

Red tones can be achieved by topcoating LumiLor with tinted clear coats or colored top coats such as candies and pearls, or even with hydrographics. This is typically applied over white LumiLor to provide the most true color effect.



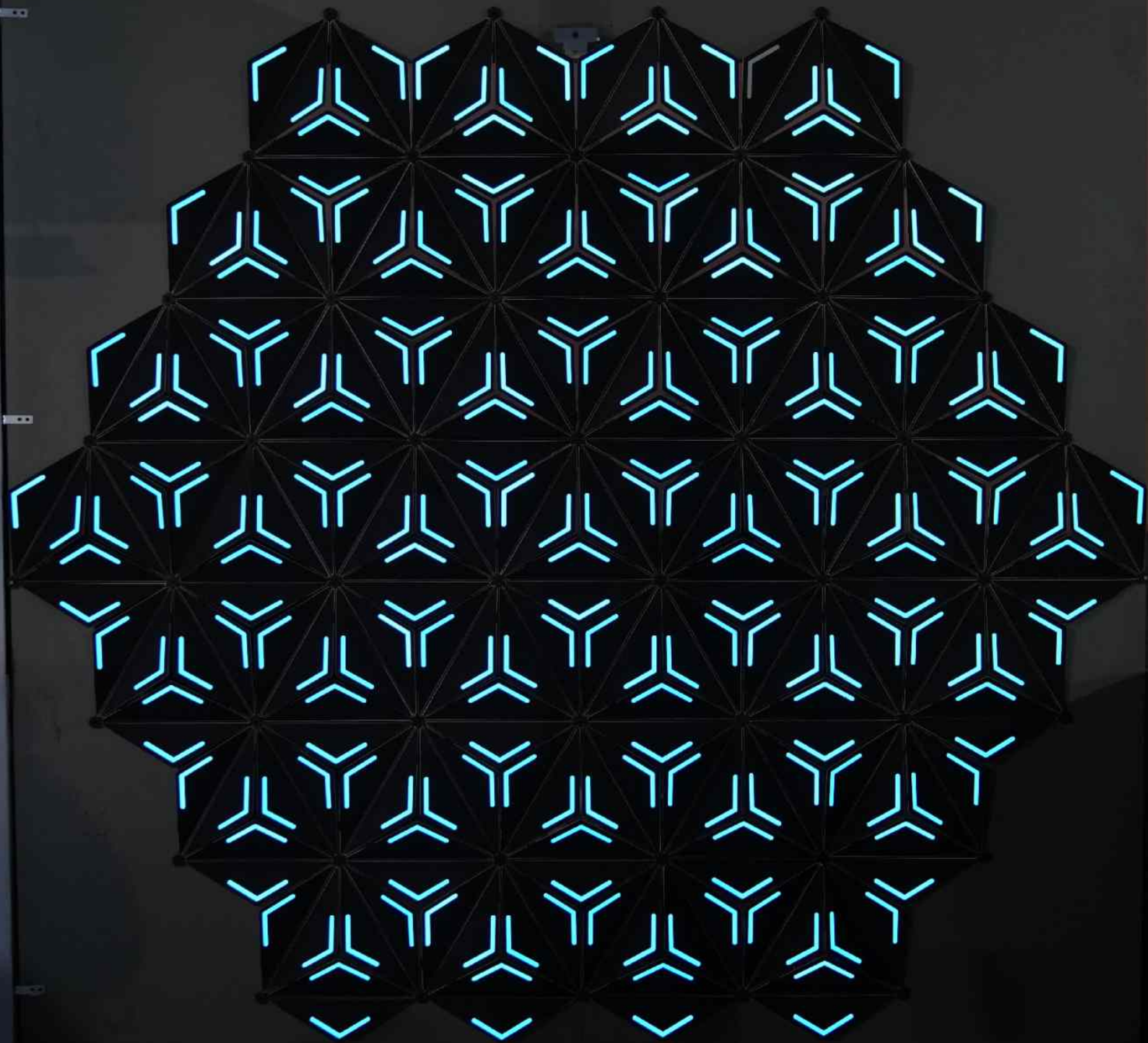
Lumilor[®]

Product Feature

Main Benefits
of Lumilor



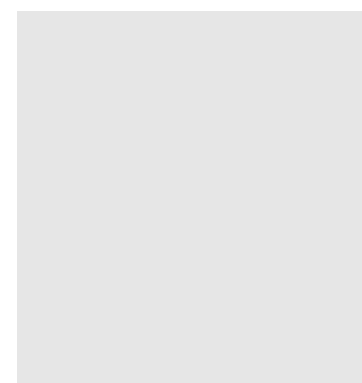
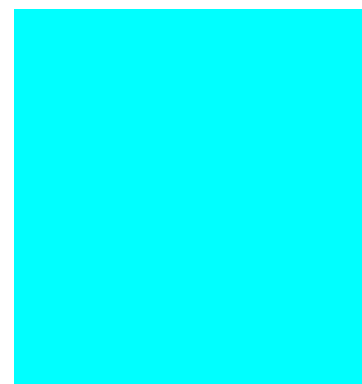
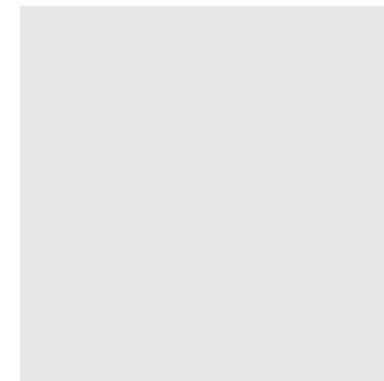




Lumilor®

Our Projects

Electroluminescent Paint
Light Emitting Coating



OUR PROJECTS



“ Our projects are as diverse as they are magnificent in all aspects. We've worked on various substrates belonging to different industries like **Aviation, Automobiles, Furniture, Fears and Accessories**. Most of which come from well reputed brands.

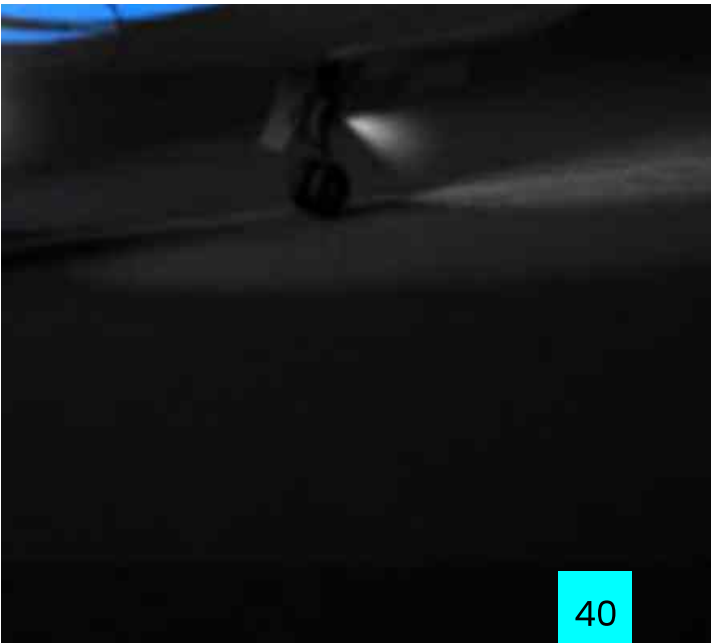
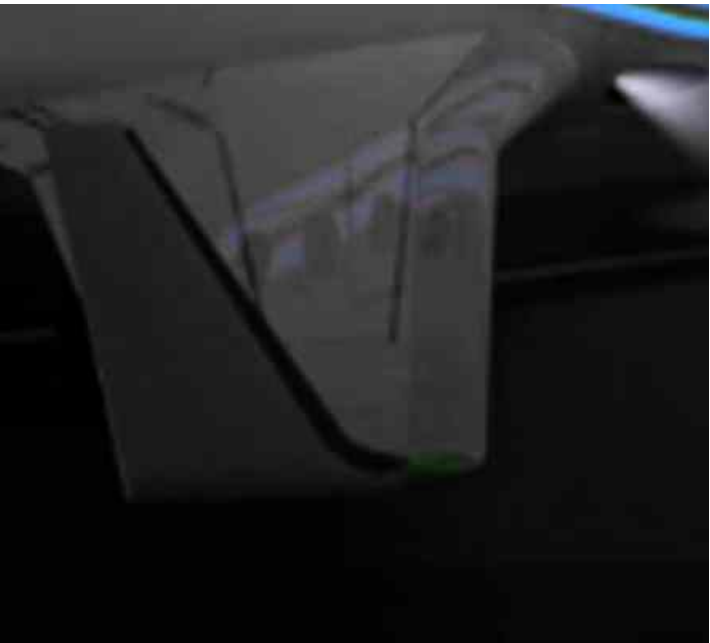
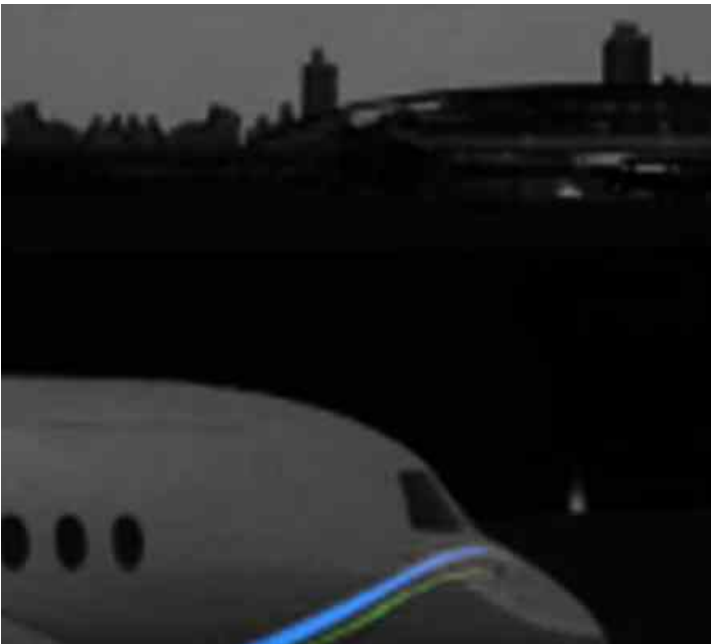
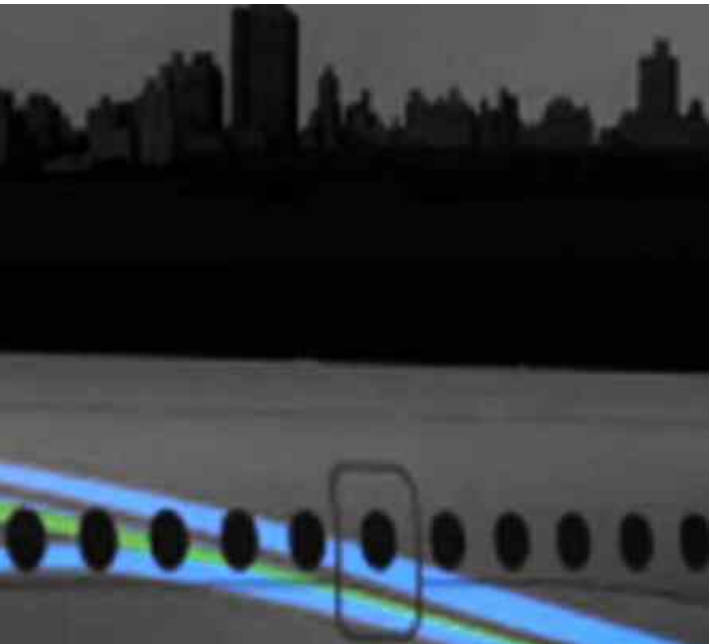
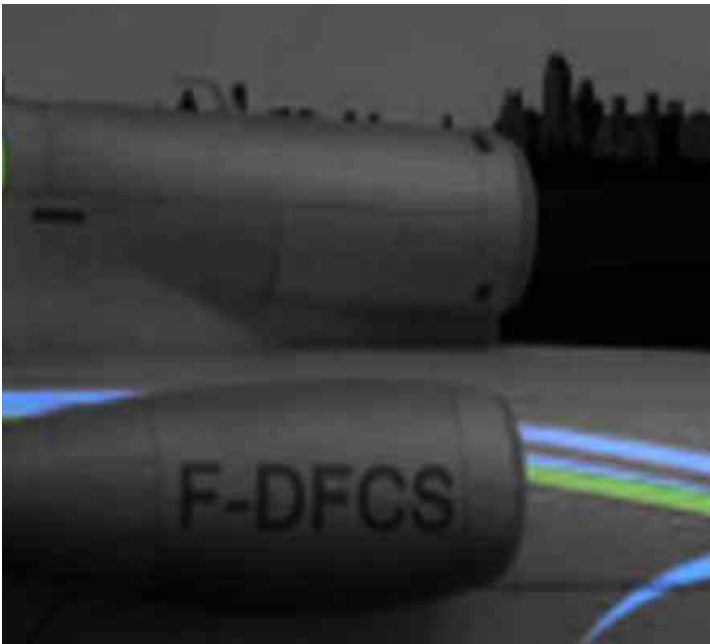
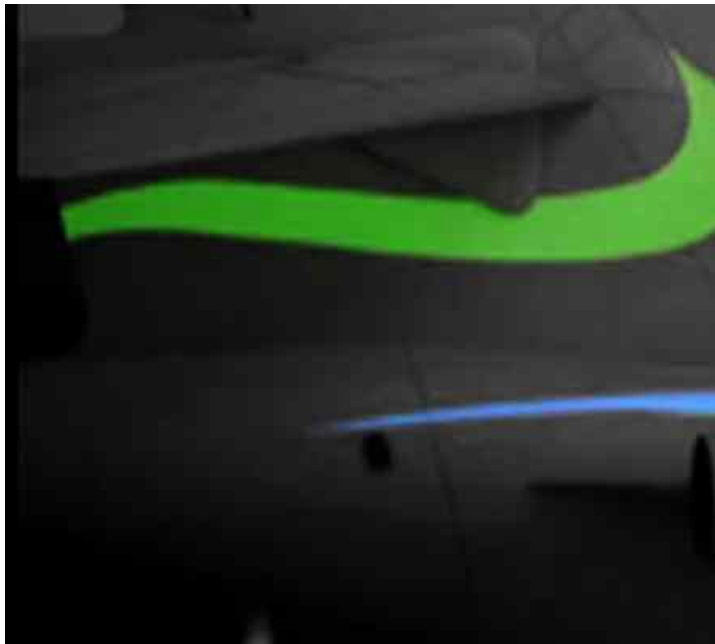
Our premium technology and rigorous efforts led us to work on phenomenal projects like **AirBus – A350 1000 , BMW 5 series, Axor Helmets, Dark Venom Helmet, Kinetic Wall, Thar Grill, Customized bike** by Andy Zsinko, **Deliveroo** (Dubai), **Carriage, Rider AVI, Harita** grab handles, **TVS Ignitor 125, TVS Apache RR 310, Hero ZMR, Royal Enfield** (Standard), Dominar D400, **Harley-Davidson** Street 750 etc.

LumiLor is looking forward to expand further and work on more exciting projects.”



AIRBUS

Private Charter Jet
A350-1000



AIRBUS

A350-1000

Darkside Scientific, creators of LumiLor Light Emitting Coating, is working with European aircraft manufacturer Airbus to create electroluminescent exterior markings for aircraft.

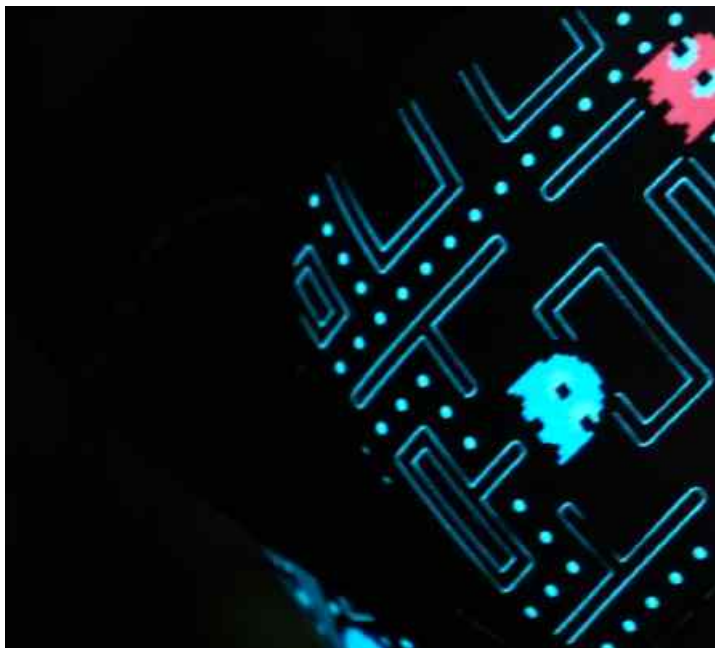
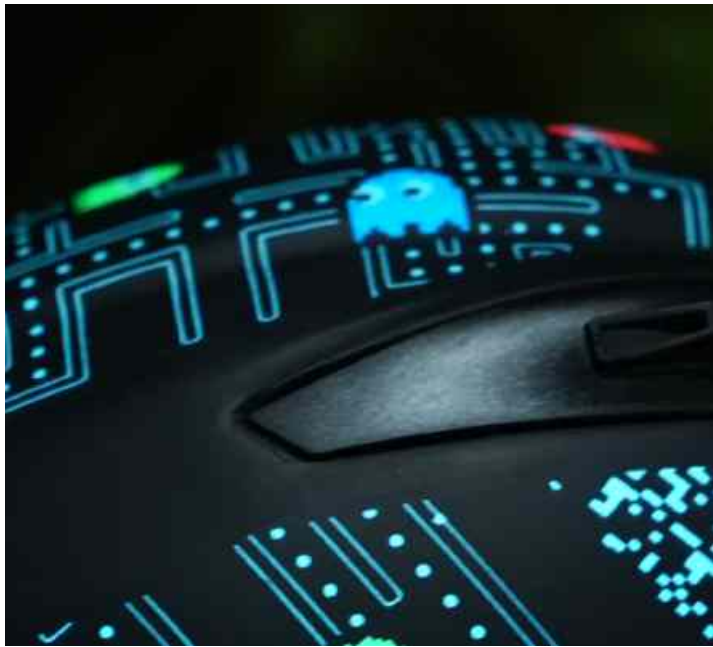




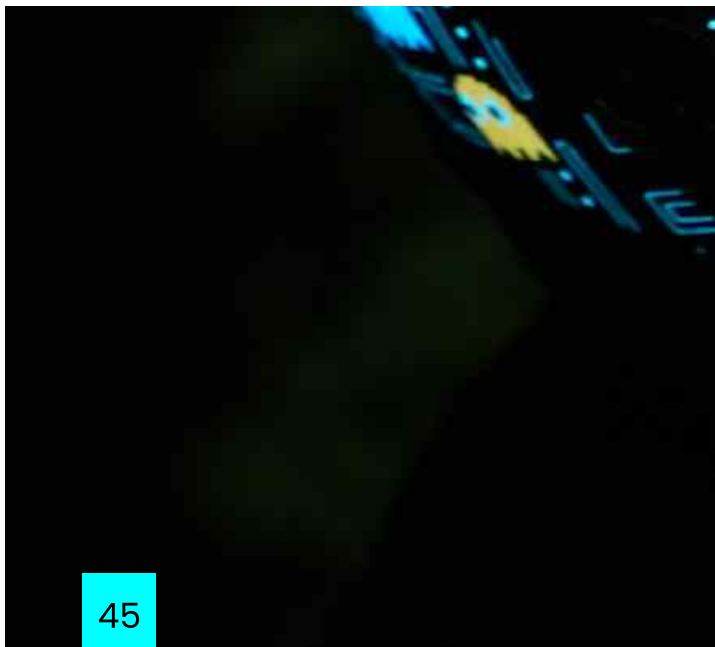


PACMAN HELMET





PACMAN HELMET



PACMAN HELMET

Electroluminescent Paint
Light Emitting Coating



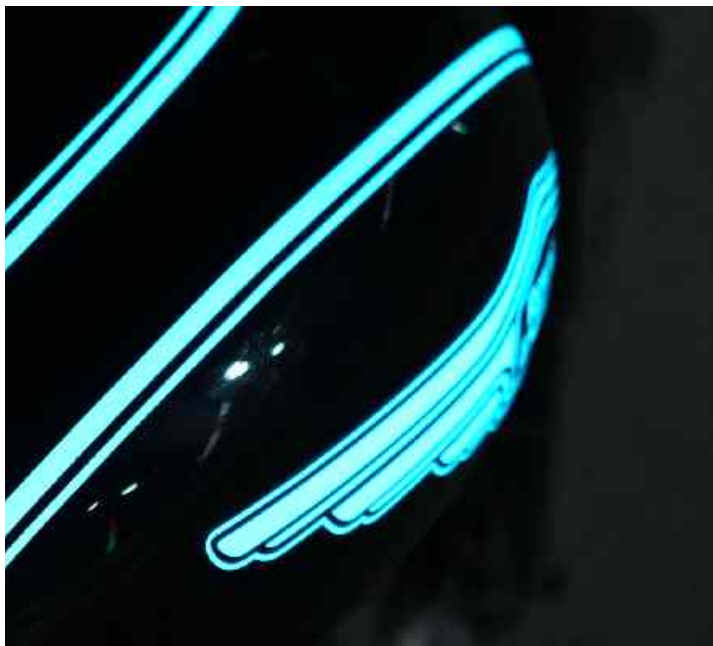
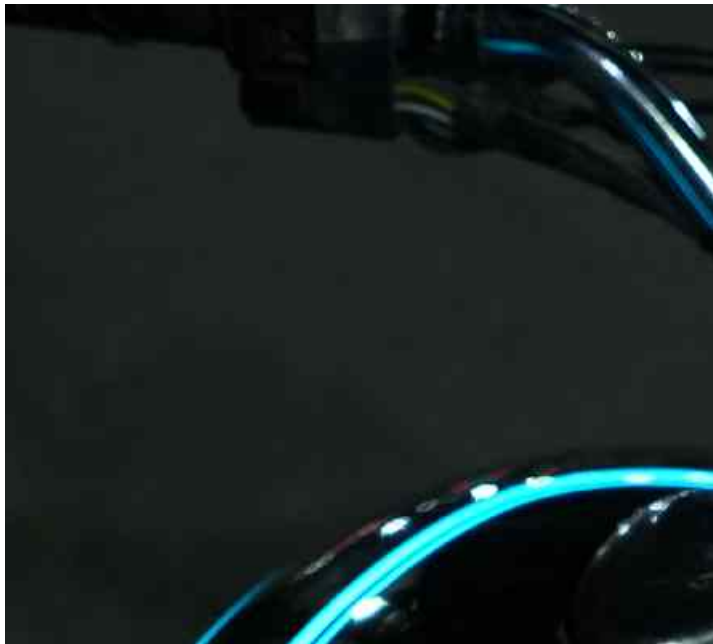




ROYAL ENFIELD

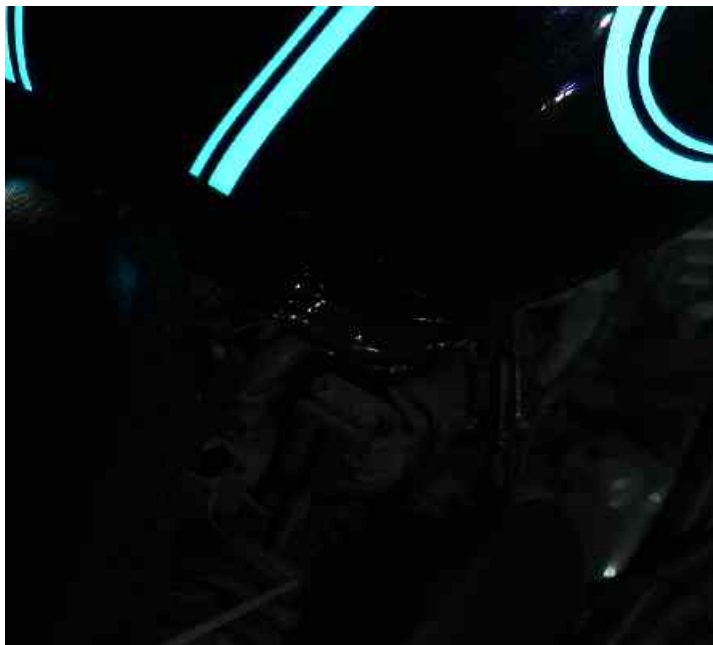
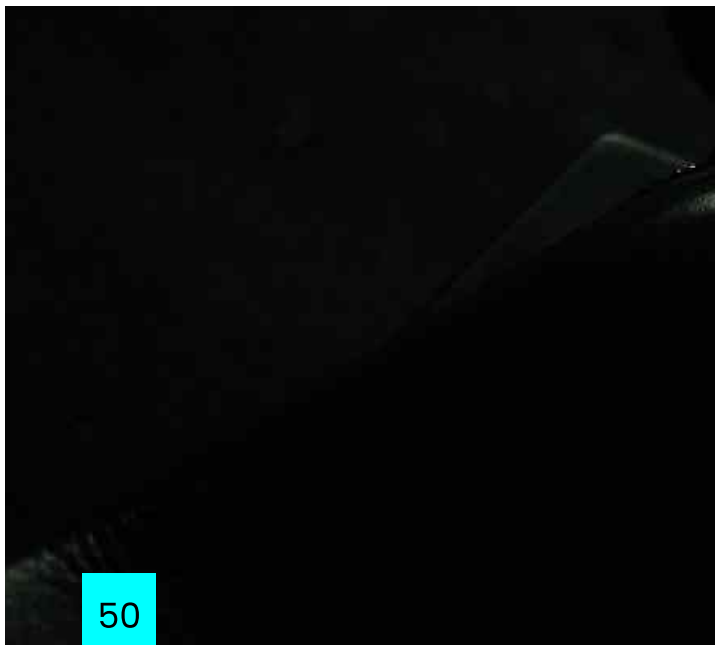
350





**ROYAL
ENFIELD**

350



ROYAL ENFIELD 350

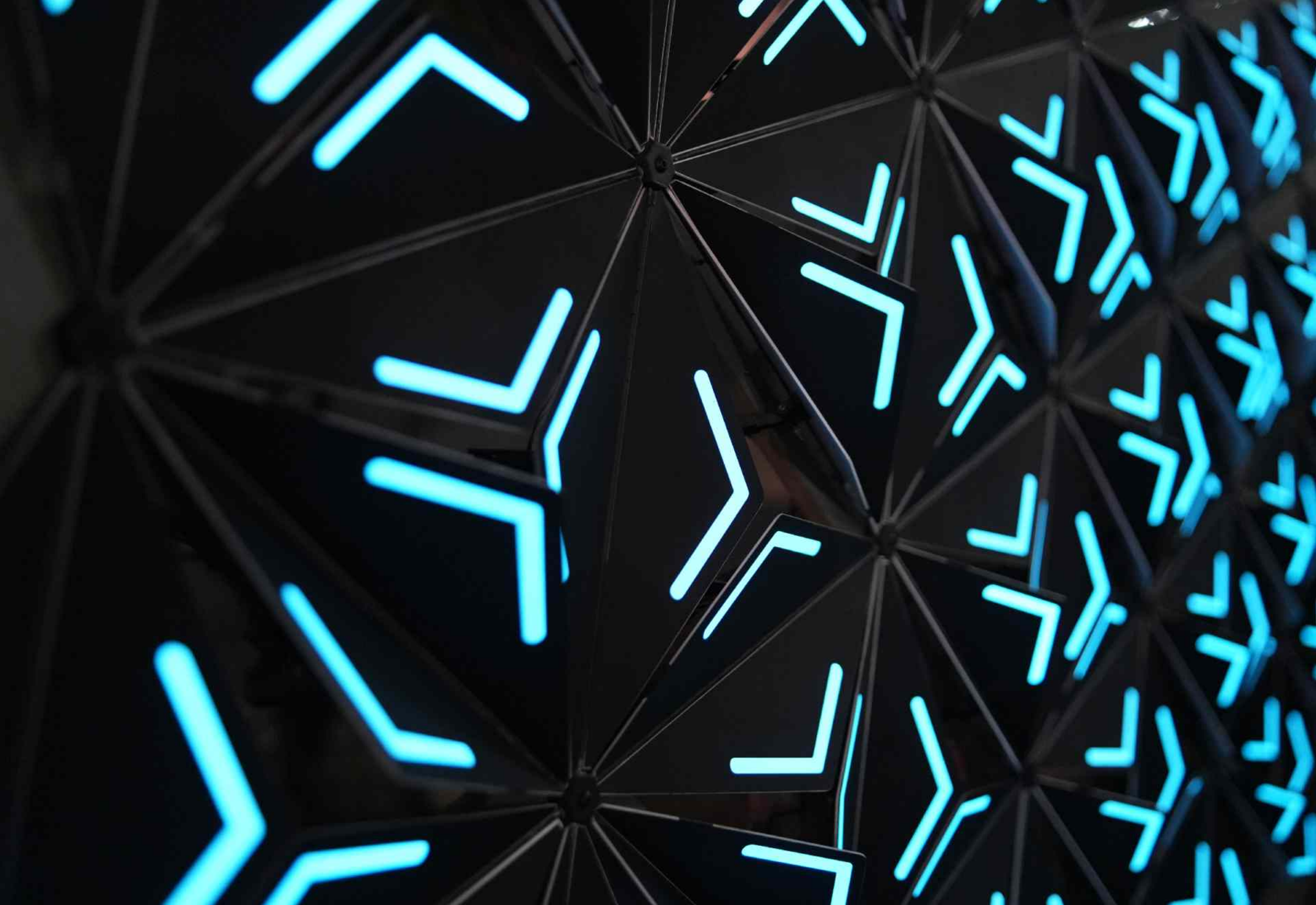
Electroluminescent Paint
Light Emitting Coating

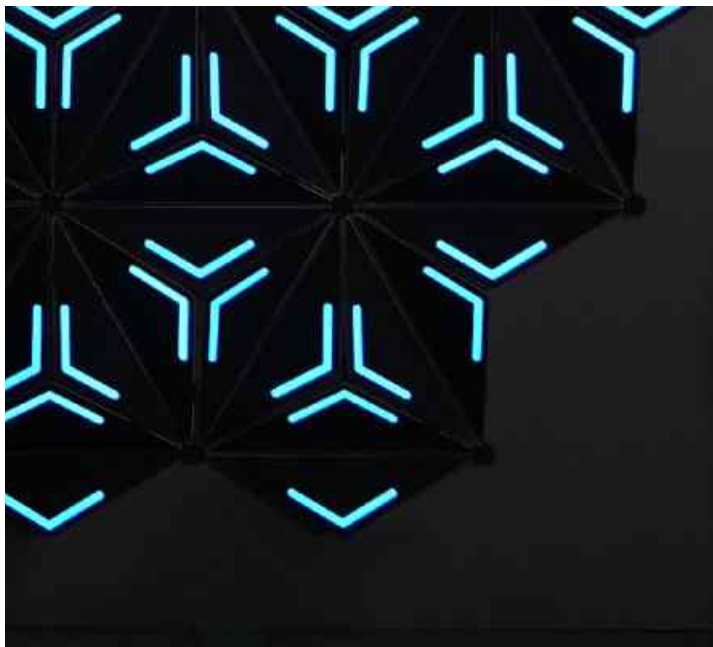
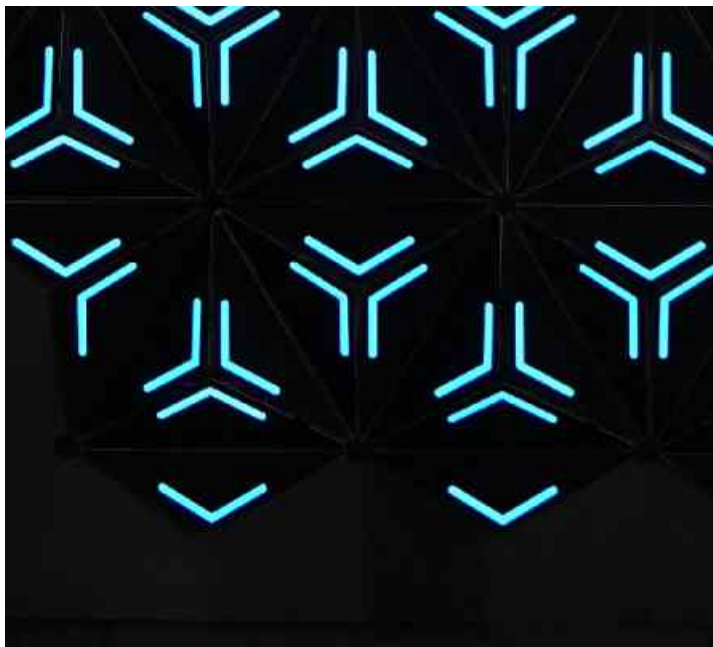
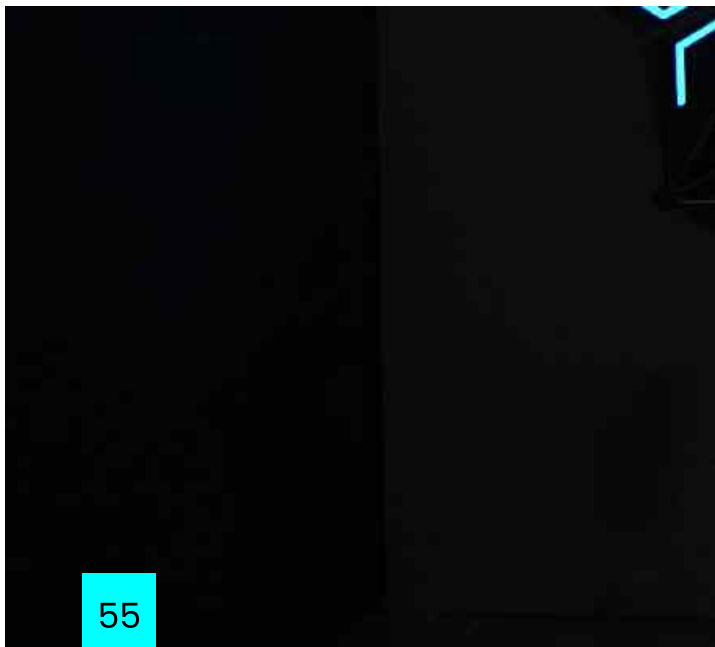
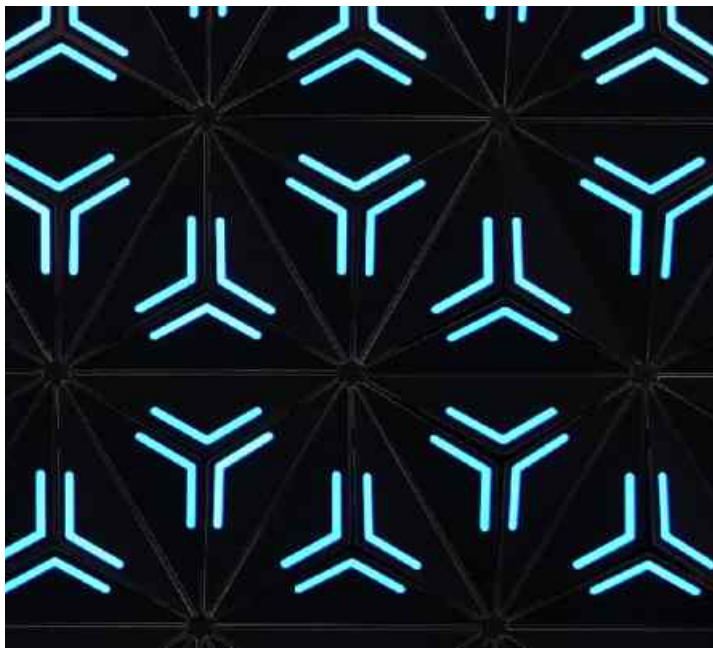
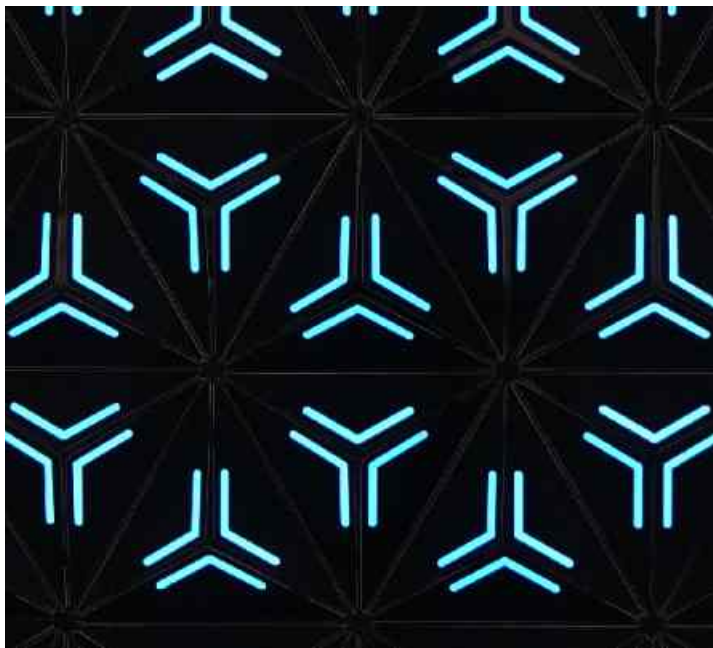
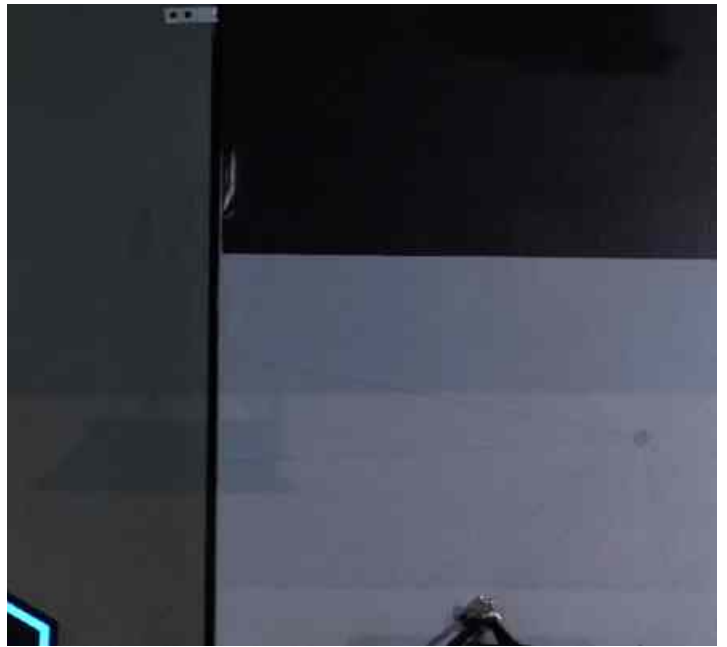
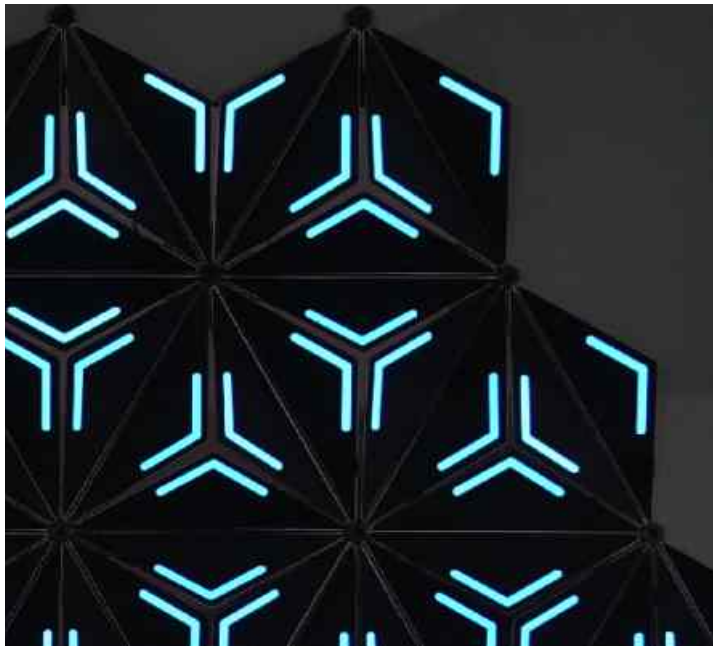
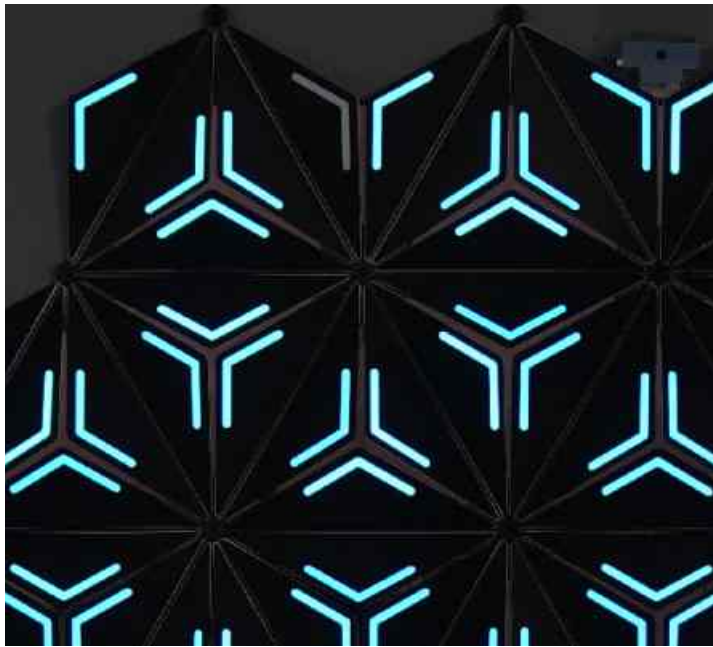






KINETIC WALL

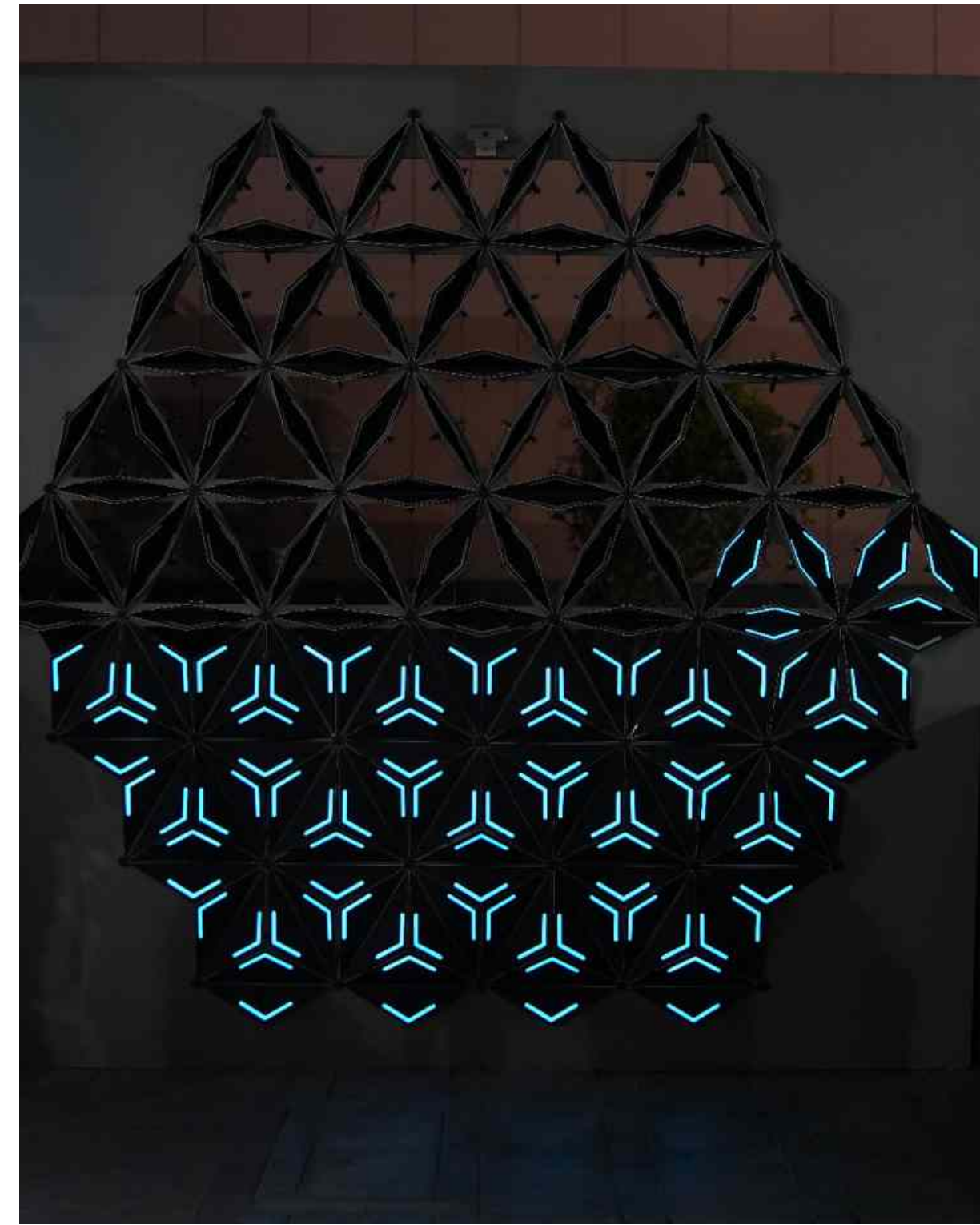
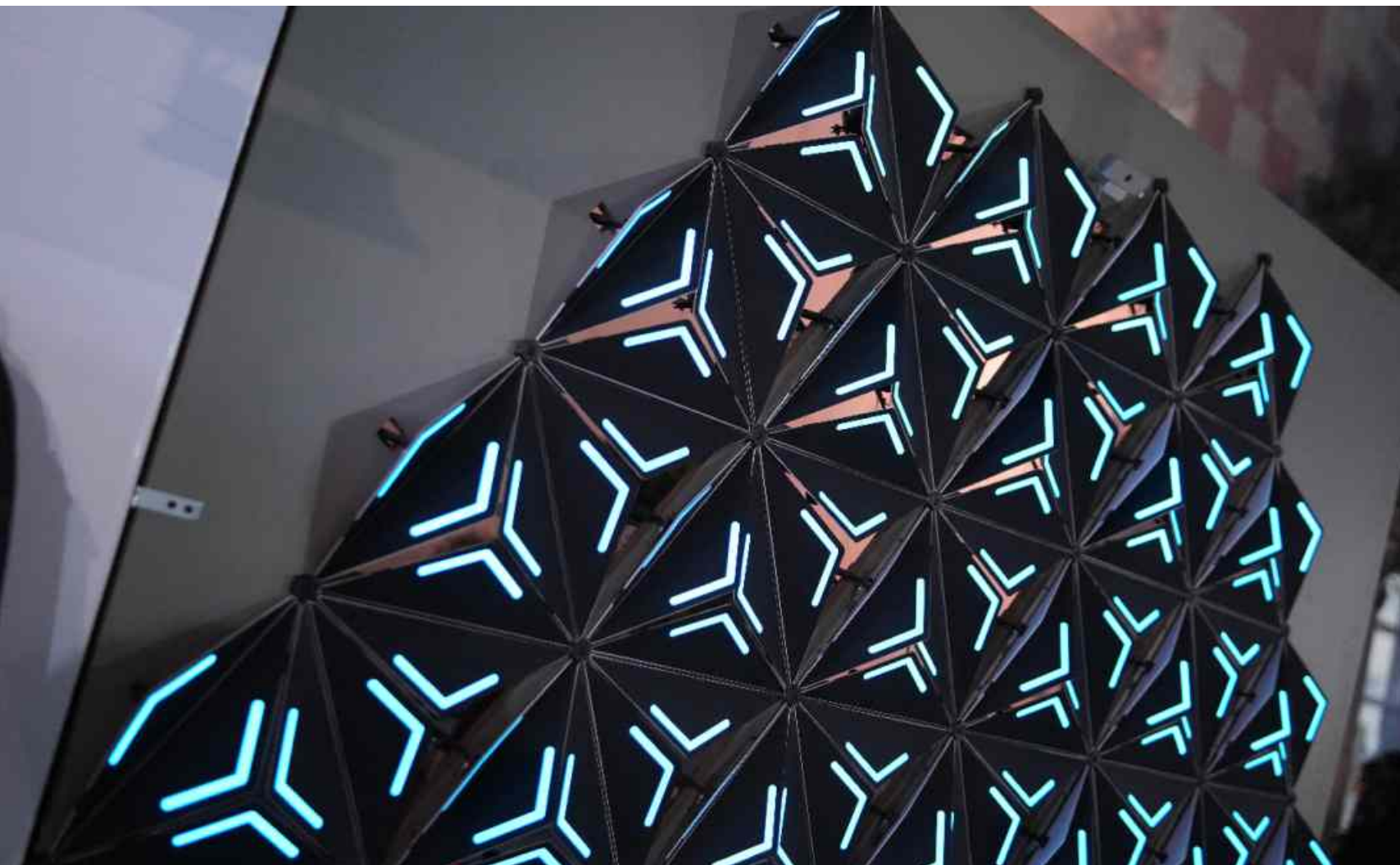


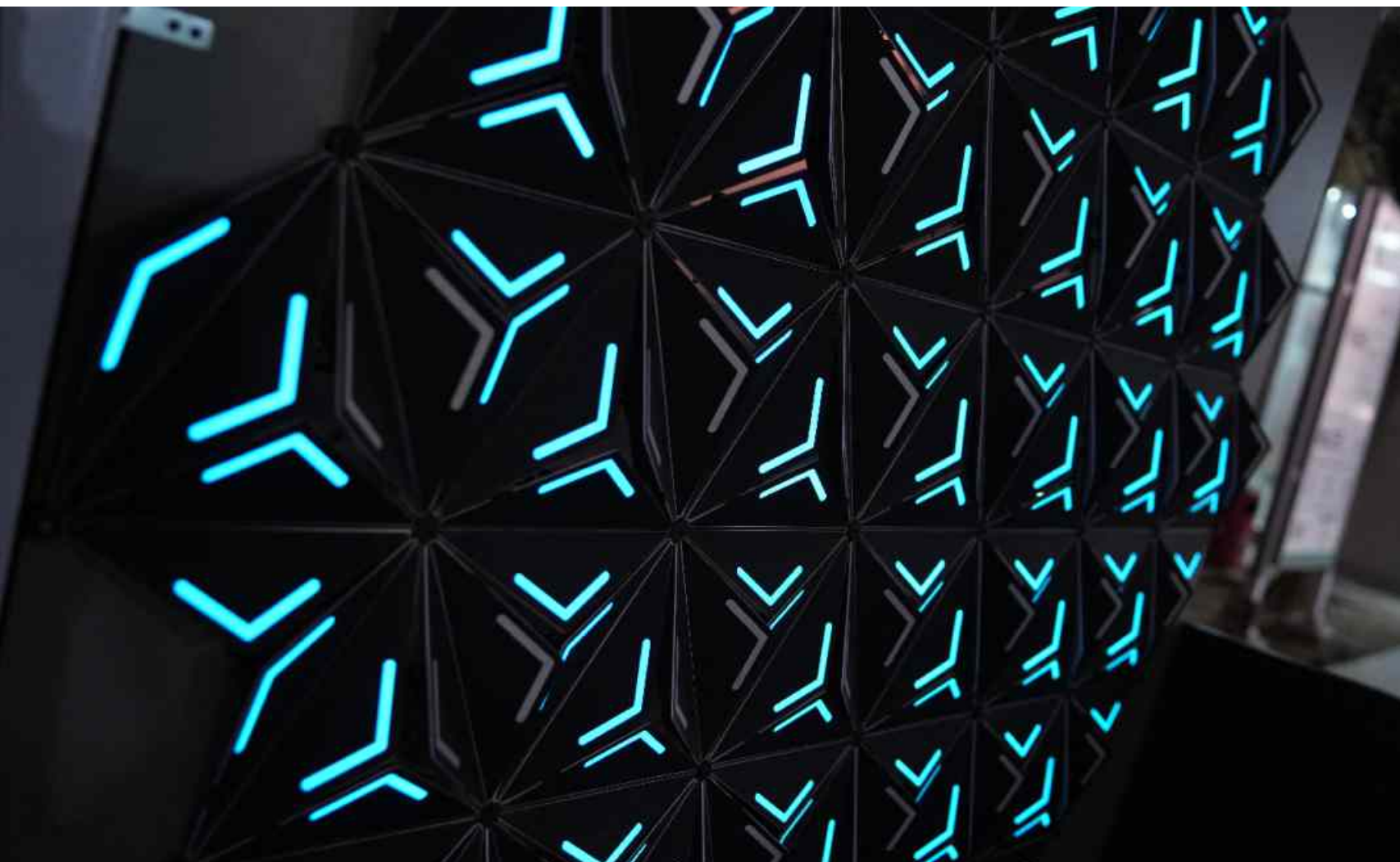
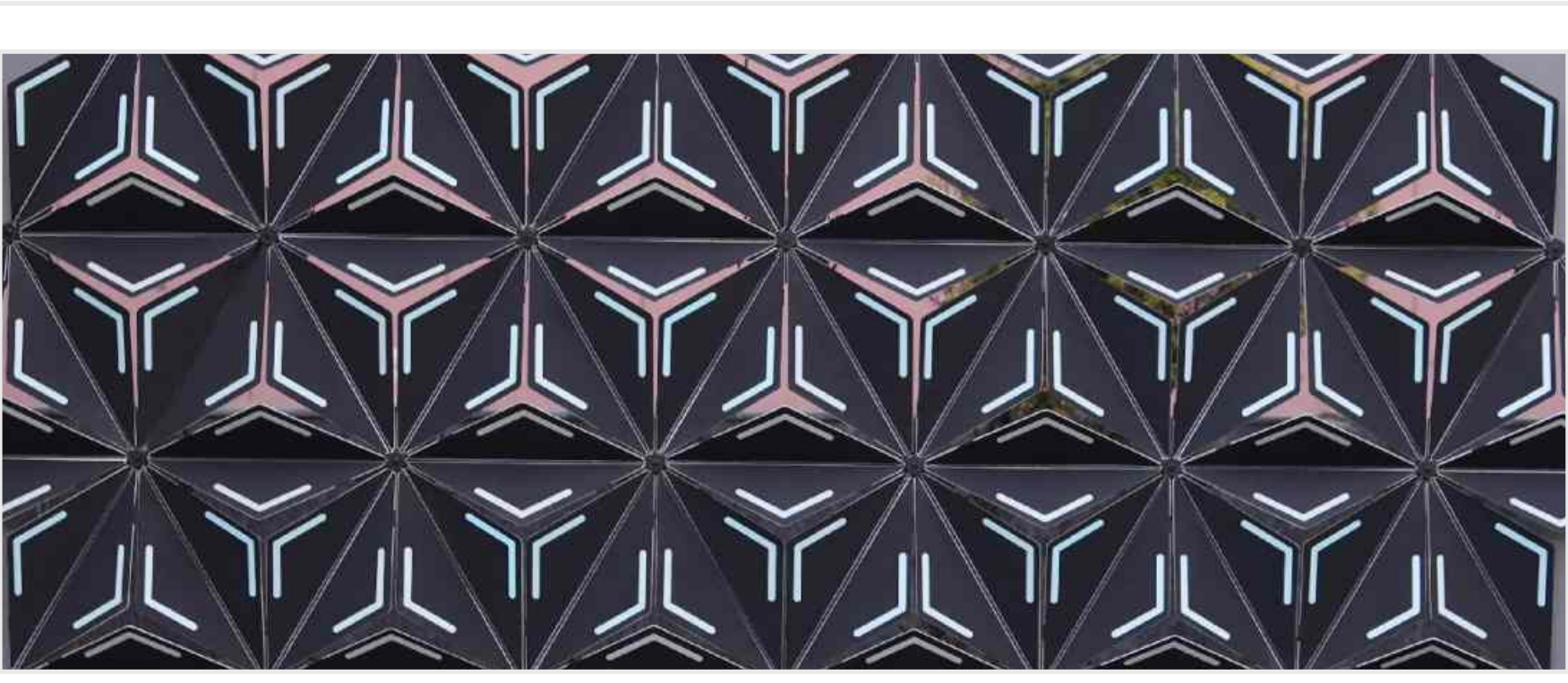


KINETIC WALL

KINETIC WALL

Electroluminescent Paint
Light Emitting Coating

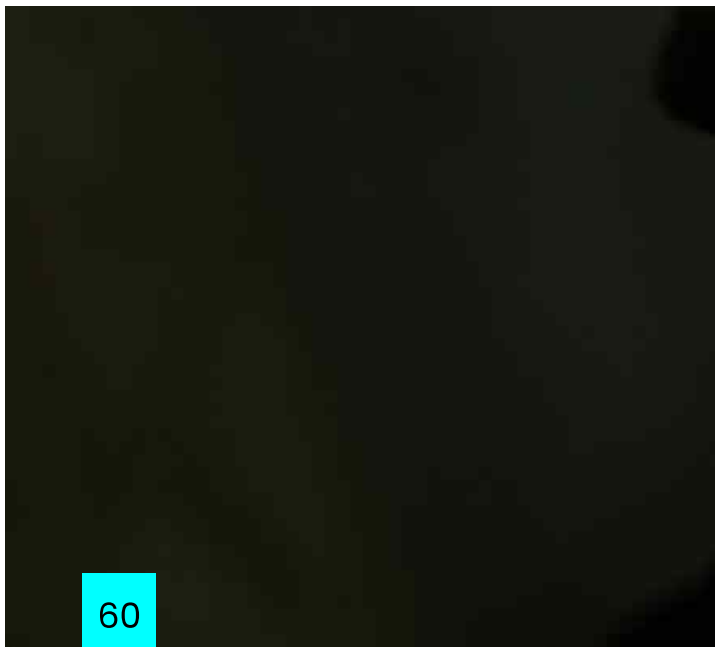
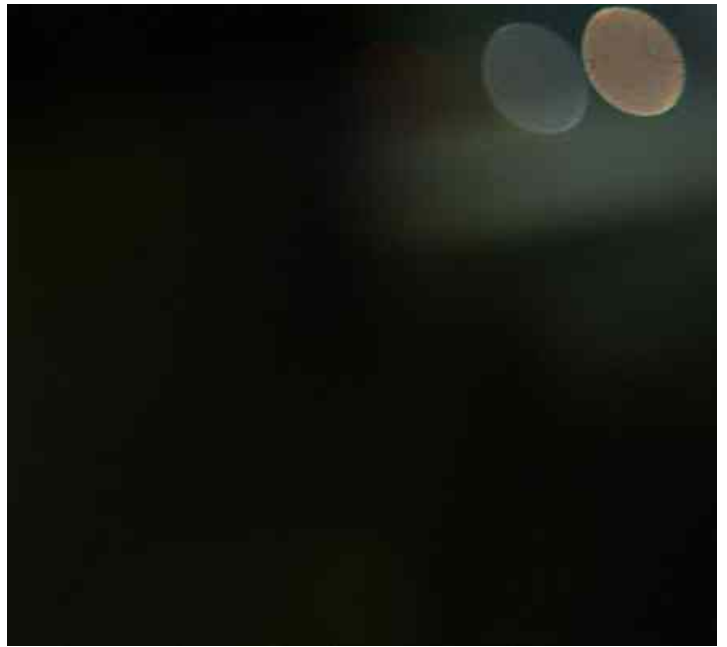




EGYPTIAN SNAKE

HELMET





EGYPTIAN SNAKE HELMET

Electroluminescent Paint
Light Emitting Coating

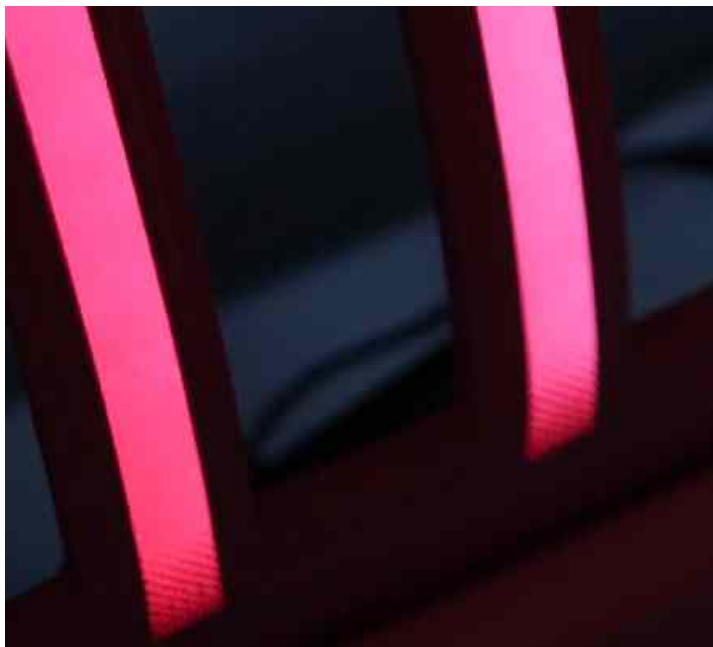
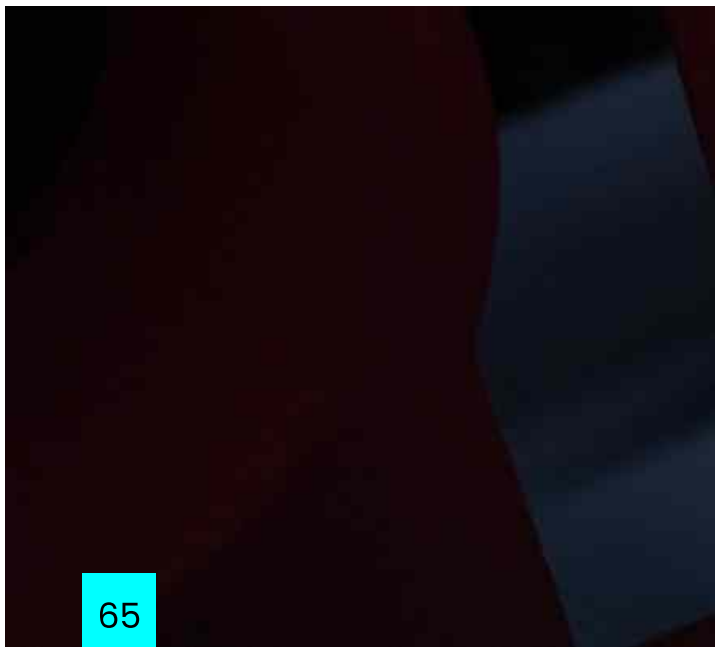






THAR GRILL





THAR GRILL

THAR GRILL

Electroluminescent Paint
Light Emitting Coating





FLAME HELMET

HALF FACE



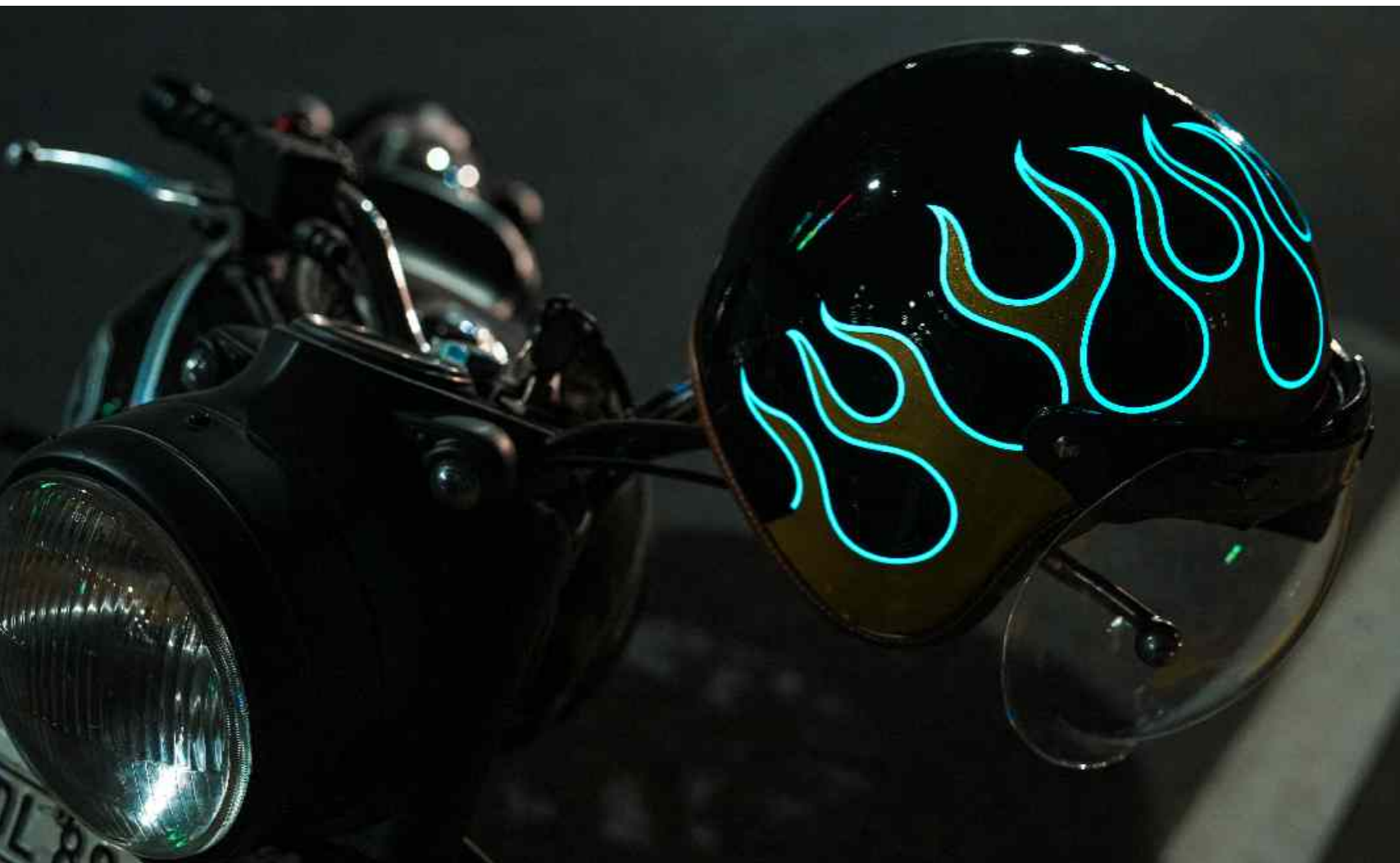


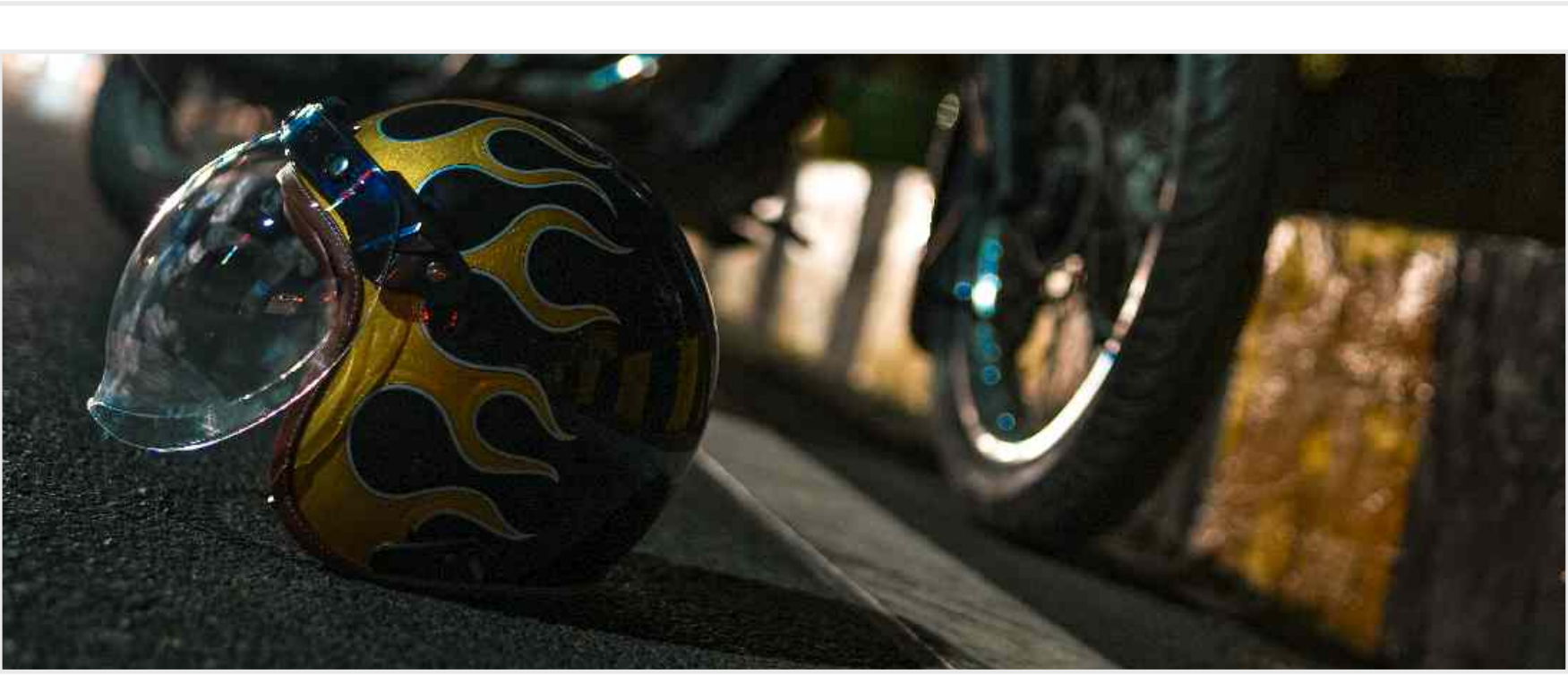
**FLAME
HELMET**



FLAME HELMET

Electroluminescent Paint
Light Emitting Coating







VENOM

HELMET

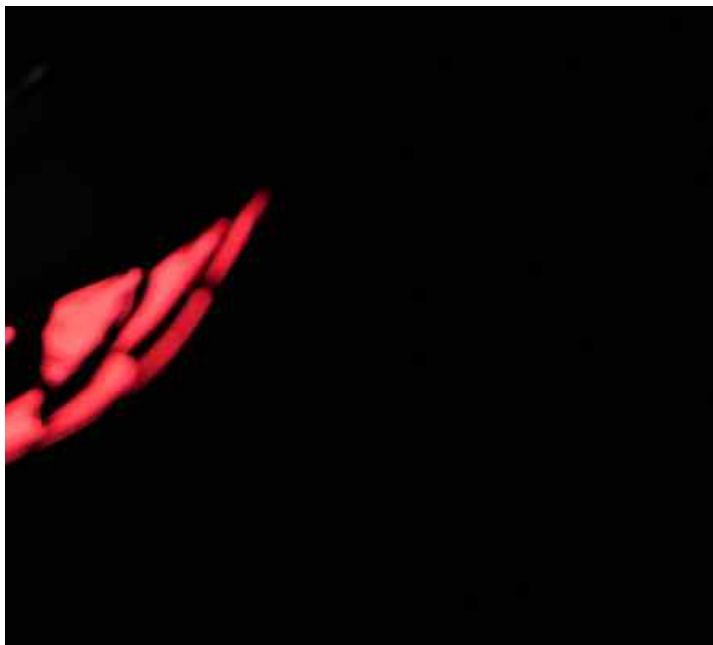
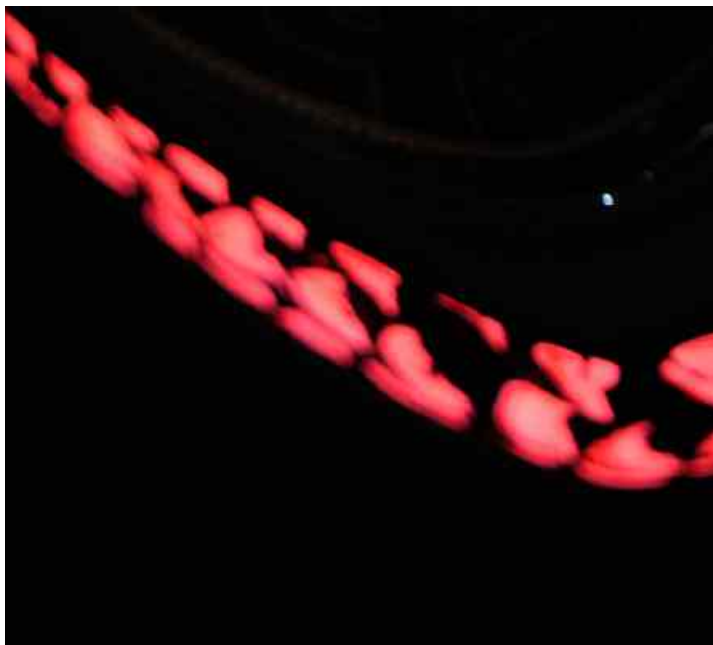
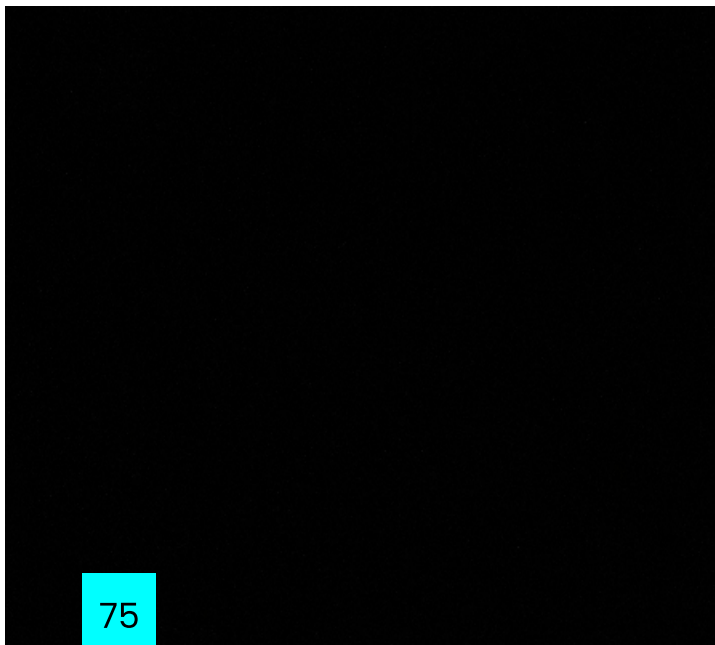
DARK VENOM
DEAD OR ALIVE





**VENOM
HELMET**

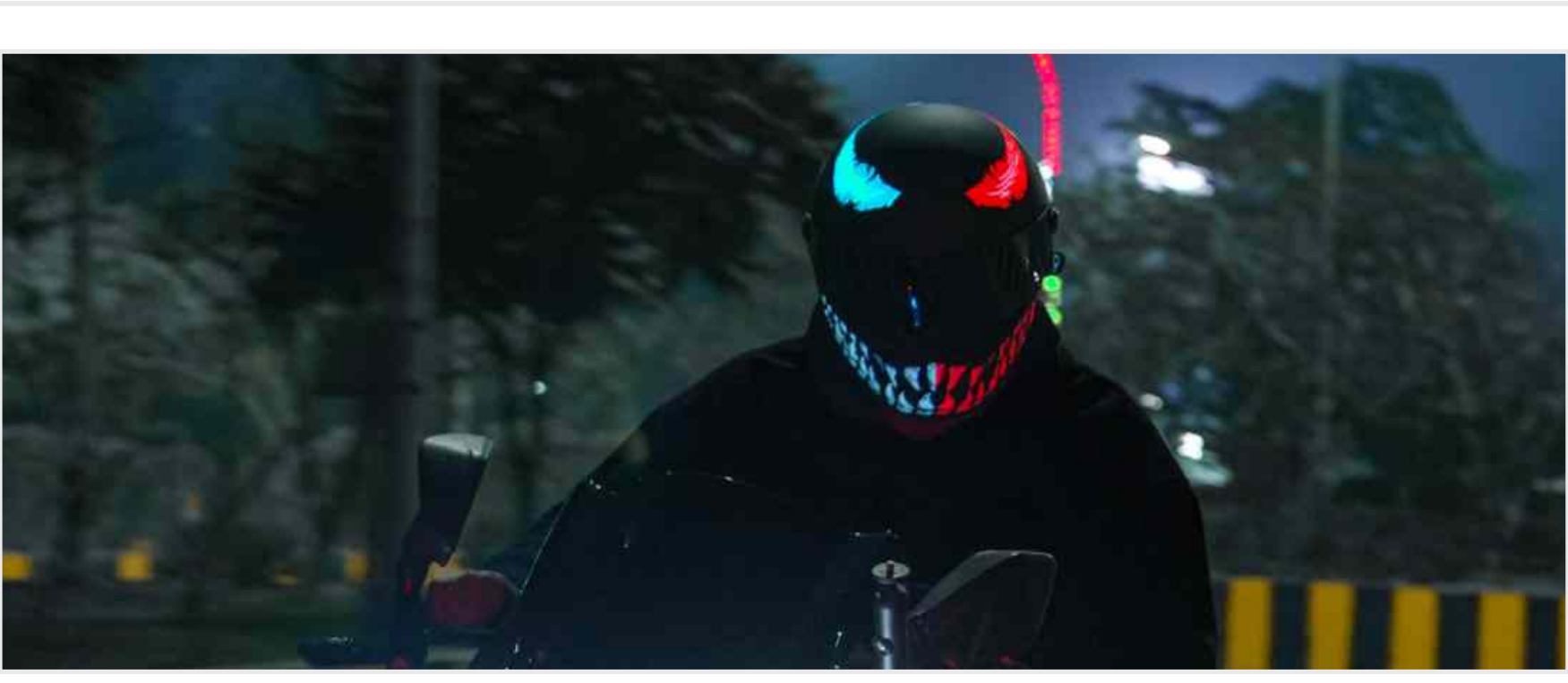
**DEAD OR ALIVE
DARK VENOM**



DEAD OR **ALIVE - VENOM**

Electroluminescent Paint
Light Emitting Coating



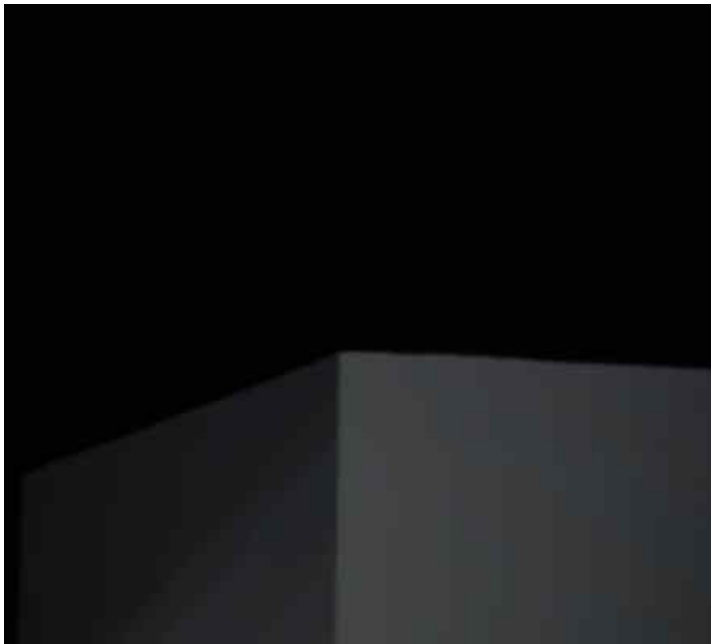
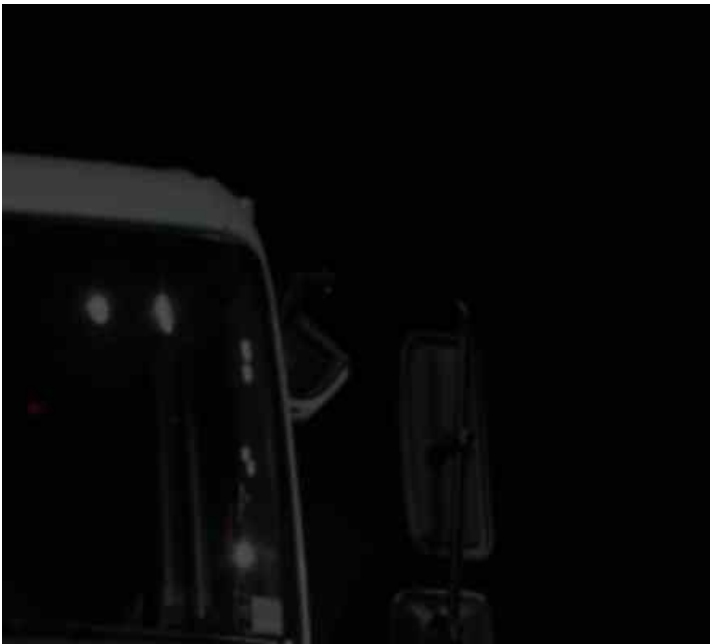




BHARATBENZ TRUCK

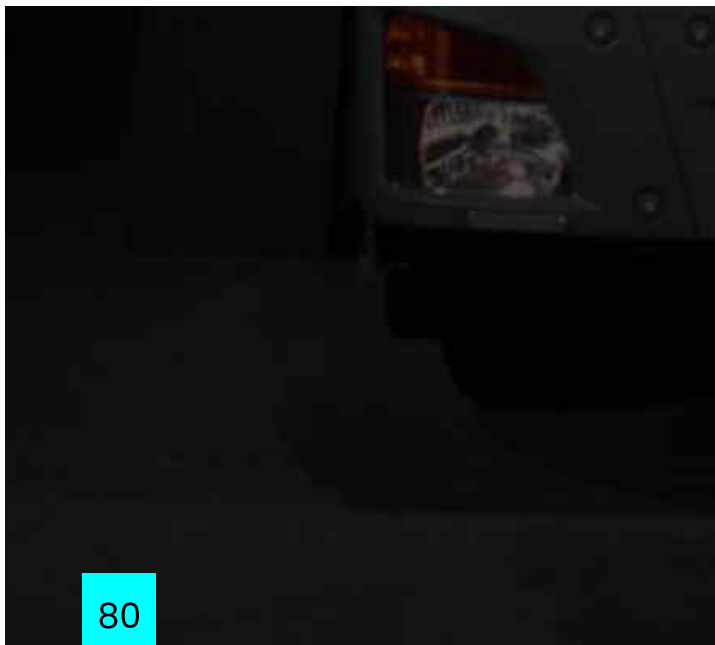
2823R





BHARATBENZ
TRUCK

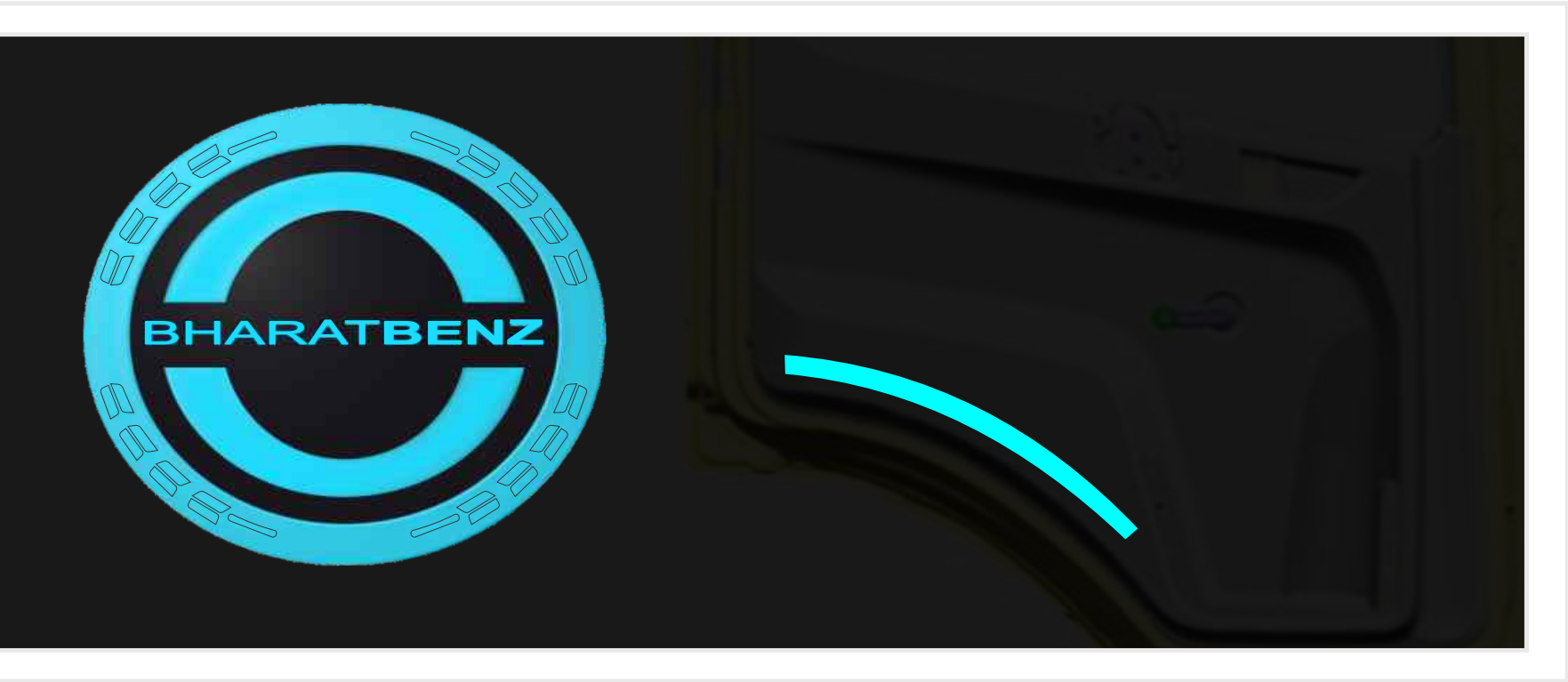
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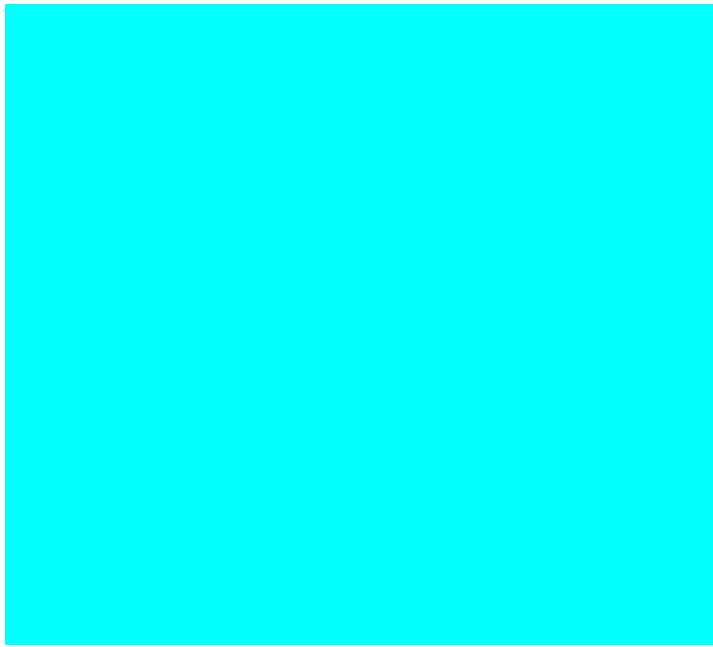


BHARATBENZ TRUCK

Electroluminescent Paint
Light Emitting Coating







ROYAL ENFIELD TANK KIT

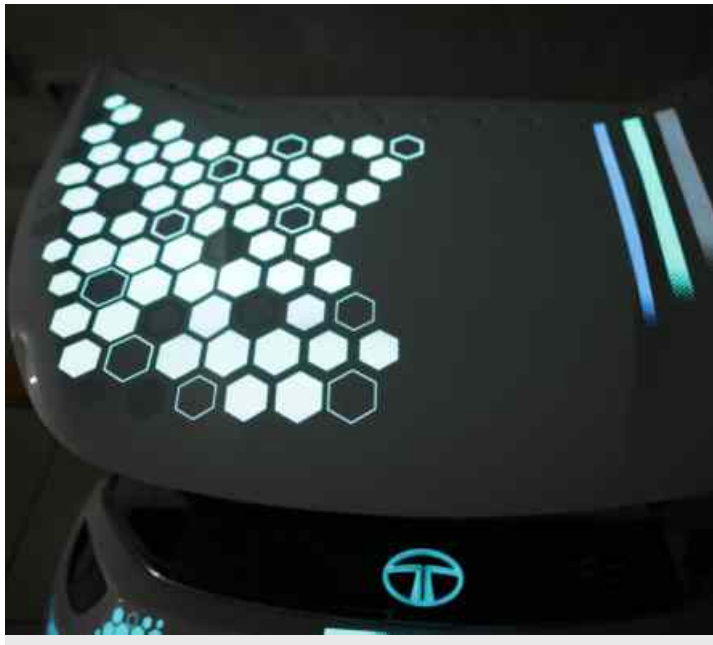
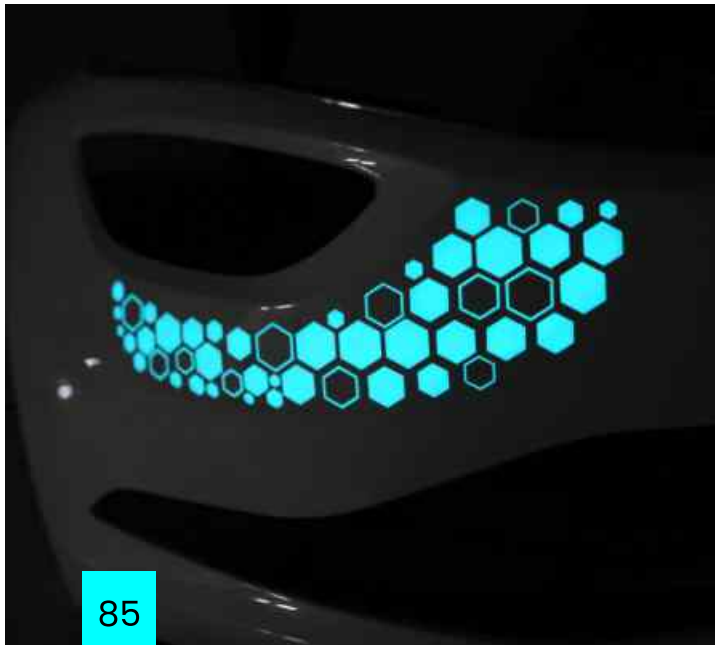
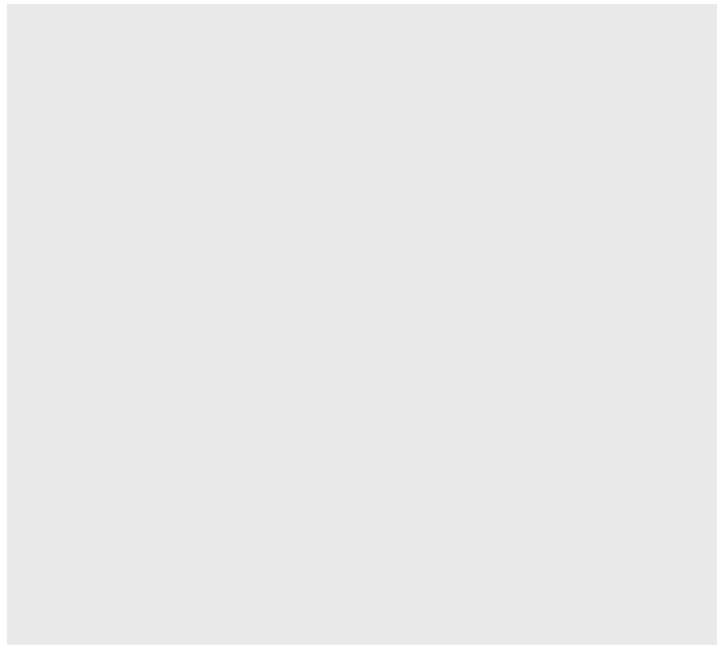
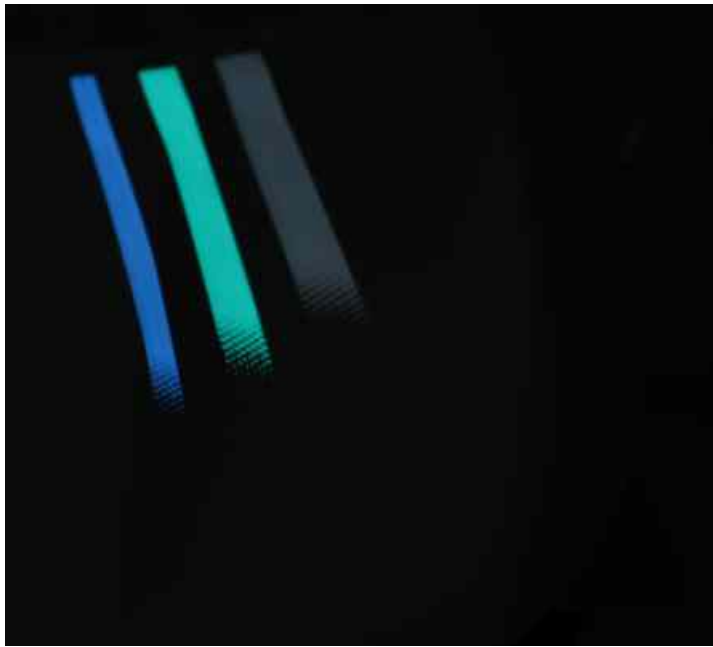
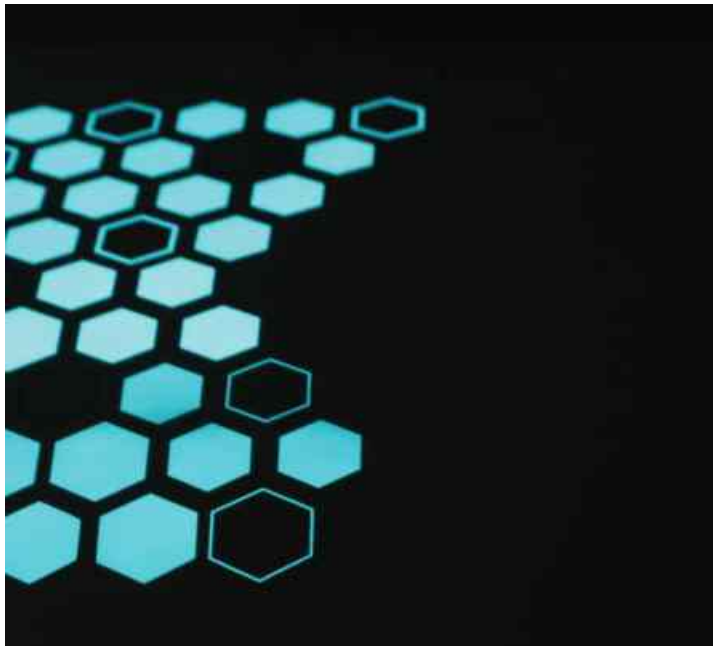
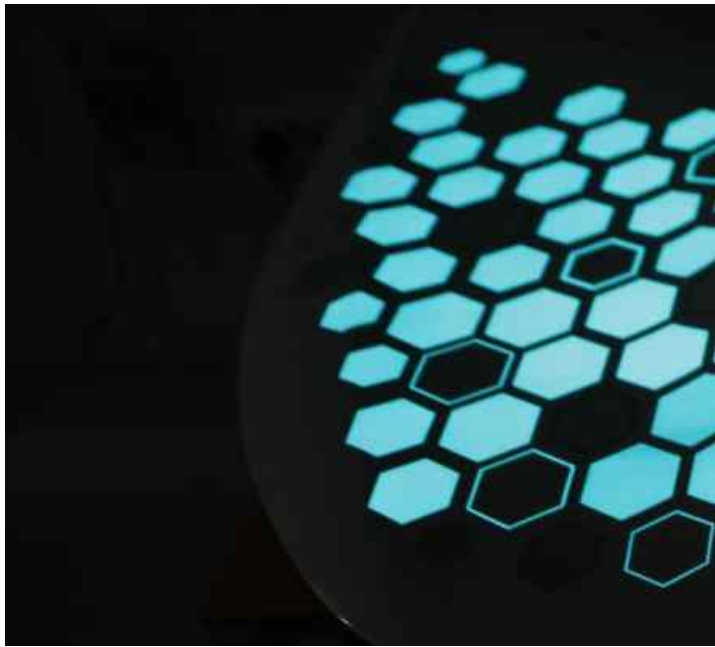
ROYAL ENFIELD - TANK KIT



ROYAL ENFIELD – KIT

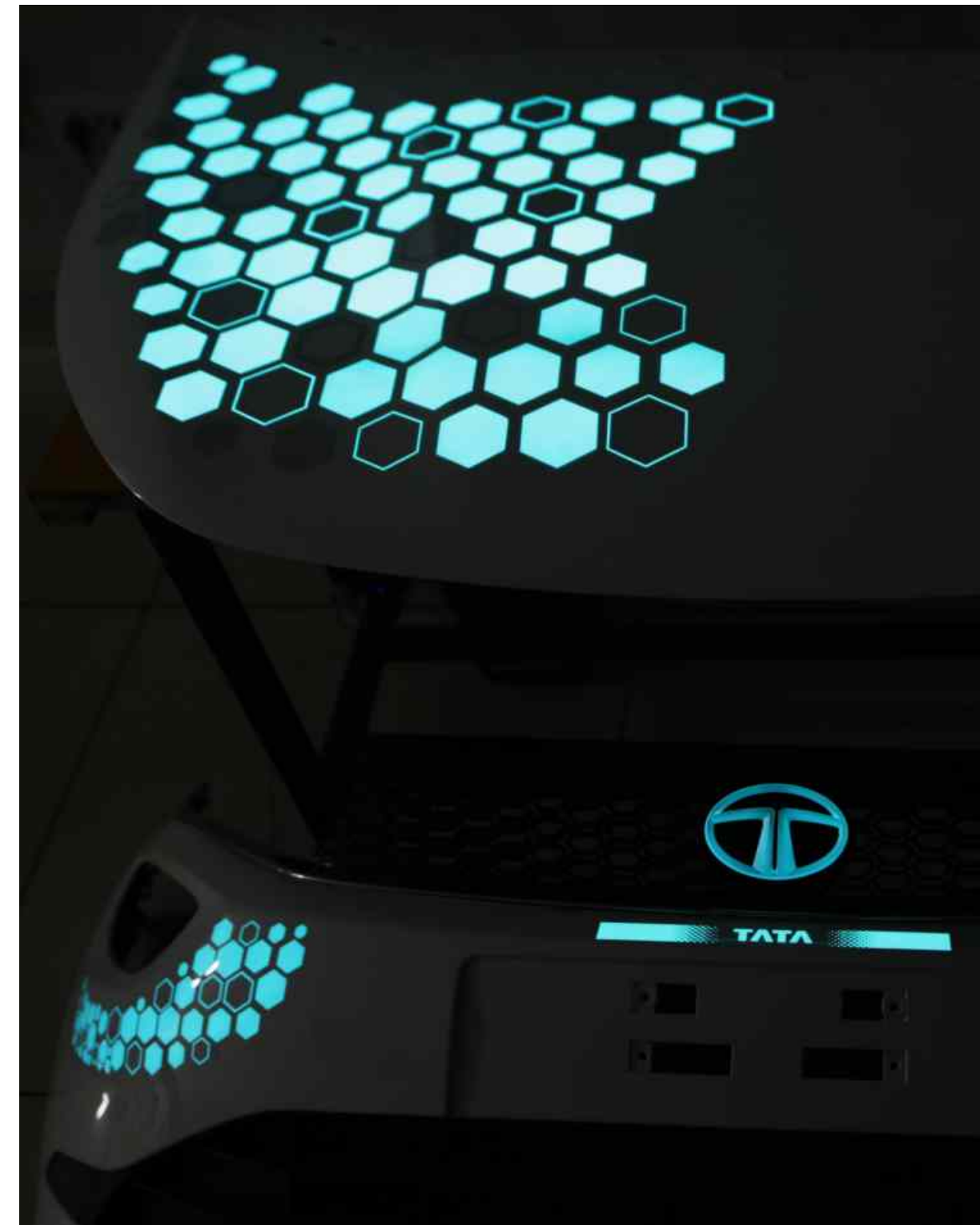
Electroluminescent Paint
Light Emitting Coating





TATA HOOD & BUMPER

Electroluminescent Paint
Light Emitting Coating





HERO CYCLE PROJECT

HERO - HUSLE GLO
CYCLE PROJECT



HERO-HUSLEGLO CYCLE PROJECT

Electroluminescent Paint
Light Emitting Coating





ROYAL ENFIELD JACKET

ROYAL ENFIELD JACKET



ROYAL ENFIELD JACKET

Electroluminescent Paint
Light Emitting Coating





PUPPIES T-SHIRT

PUPPIES
T-SHIRT



CARS

- Tesla
- Jaguar
- Mustang
- Jeep
- Lexus
- BMW
- Porsche
- Honda



CARS

TESLA

JAGUAR

MUSTANG

LEXUS

BMW

PORSCHE



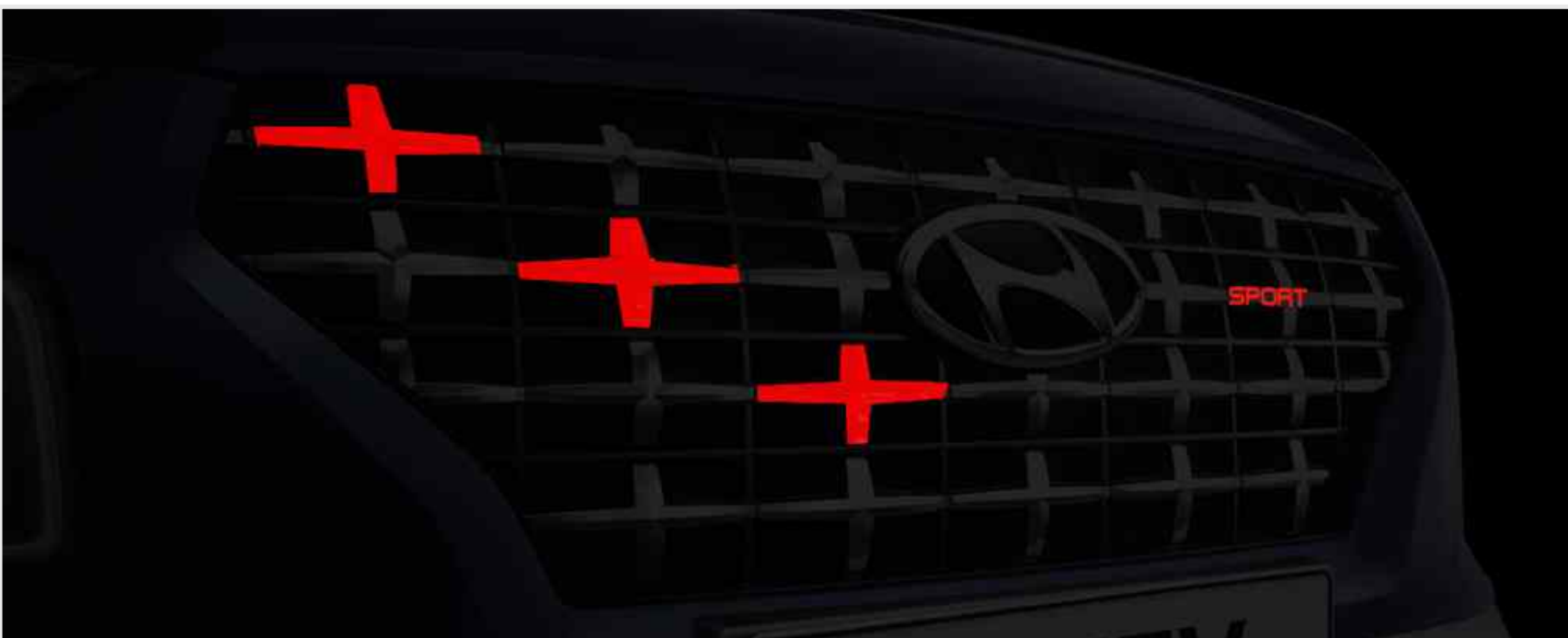
CARS

Electroluminescent Paint Light Emitting Coating









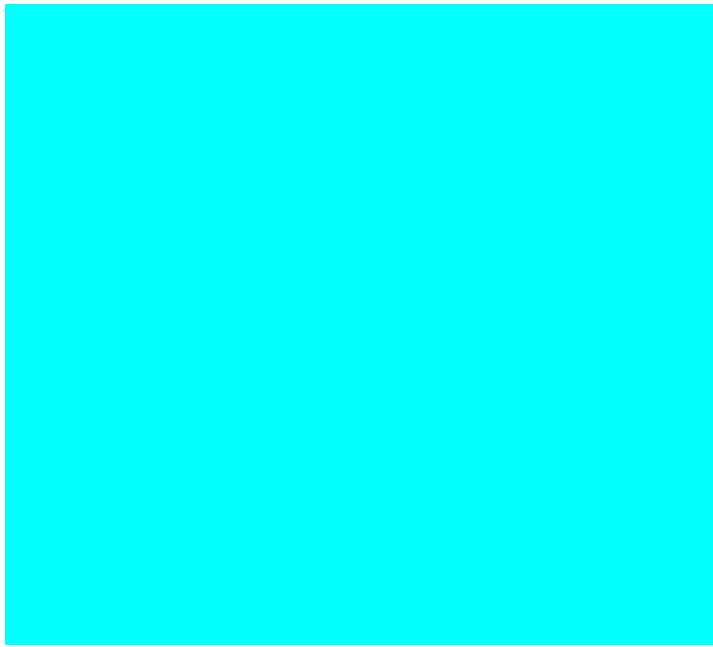




BIKES

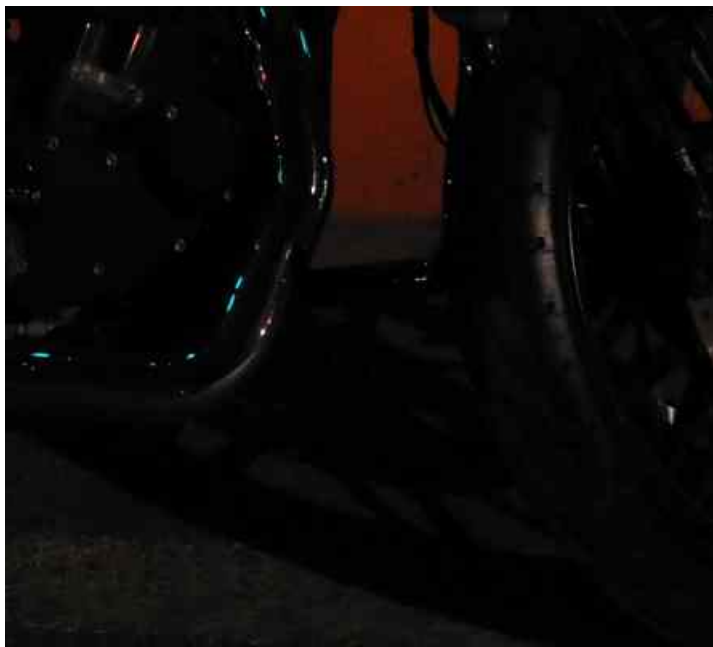
- Harley Davidson
- Royal Enfield
- Triumph
- Hayabusa
- Dominar
- Customized





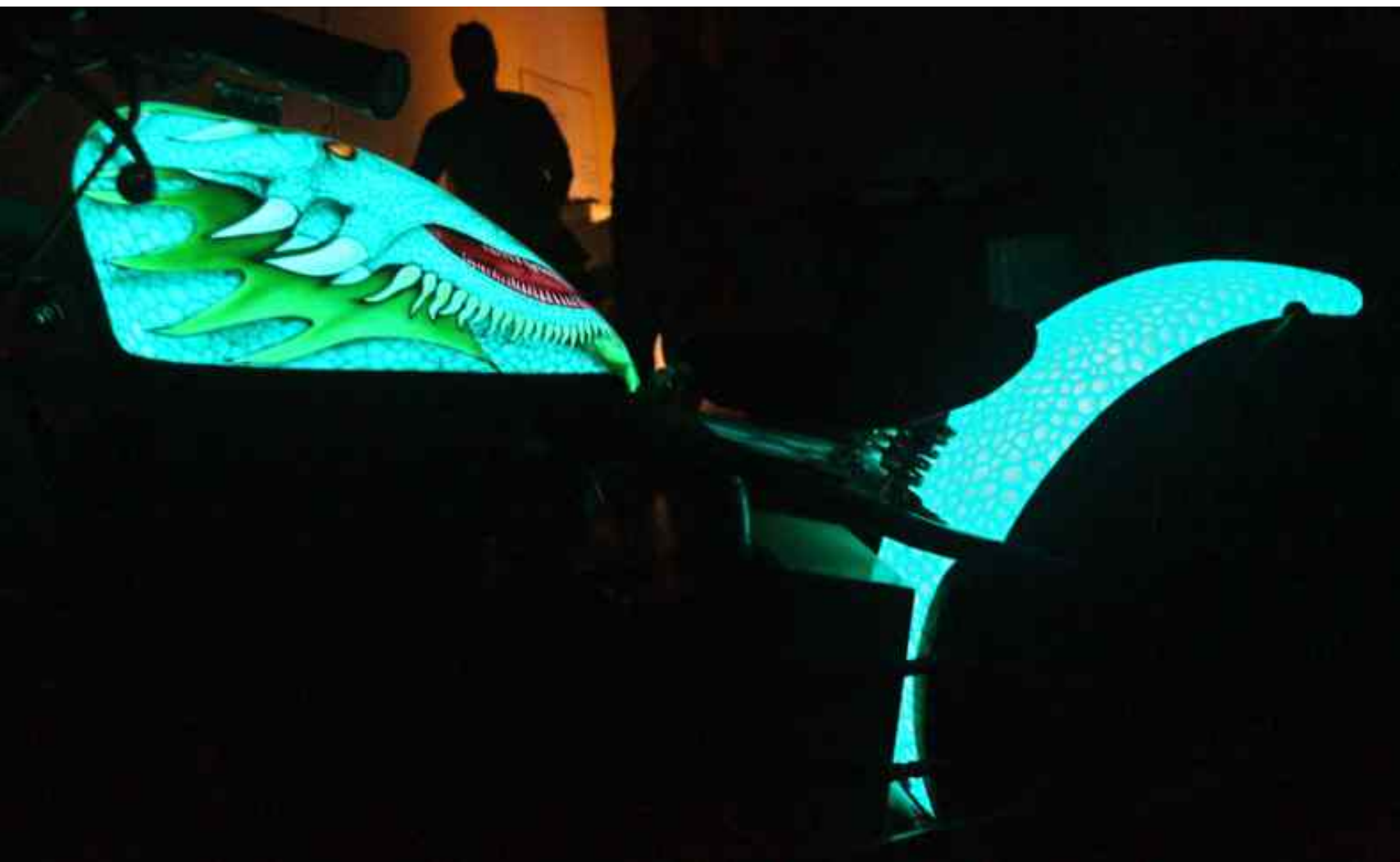
BIKES

HARLEY DAVIDSON
ROYAL ENFIELD
TRIUMPH
HAYABUSA ETC.

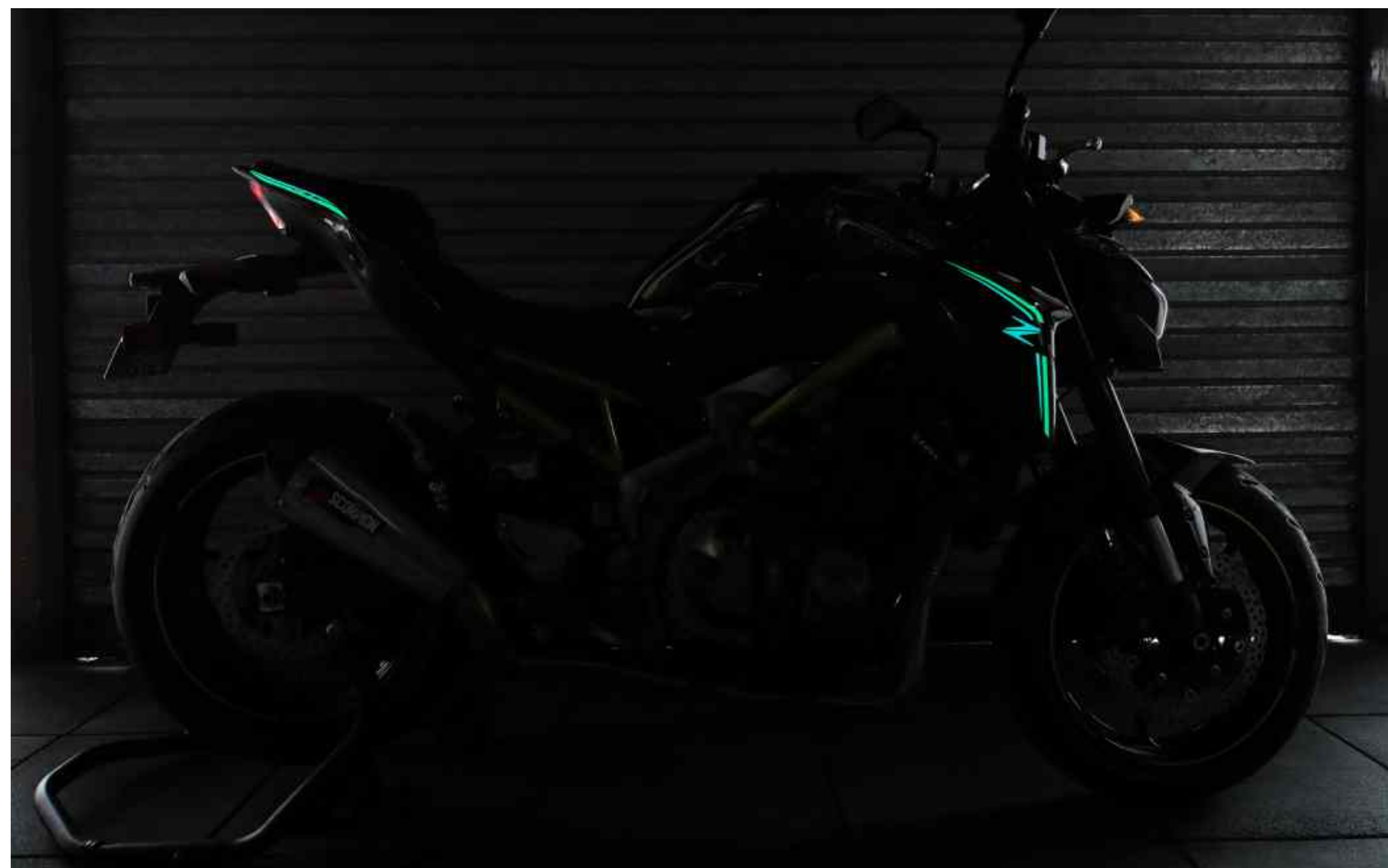


BIKES

Electroluminescent Paint Light Emitting Coating





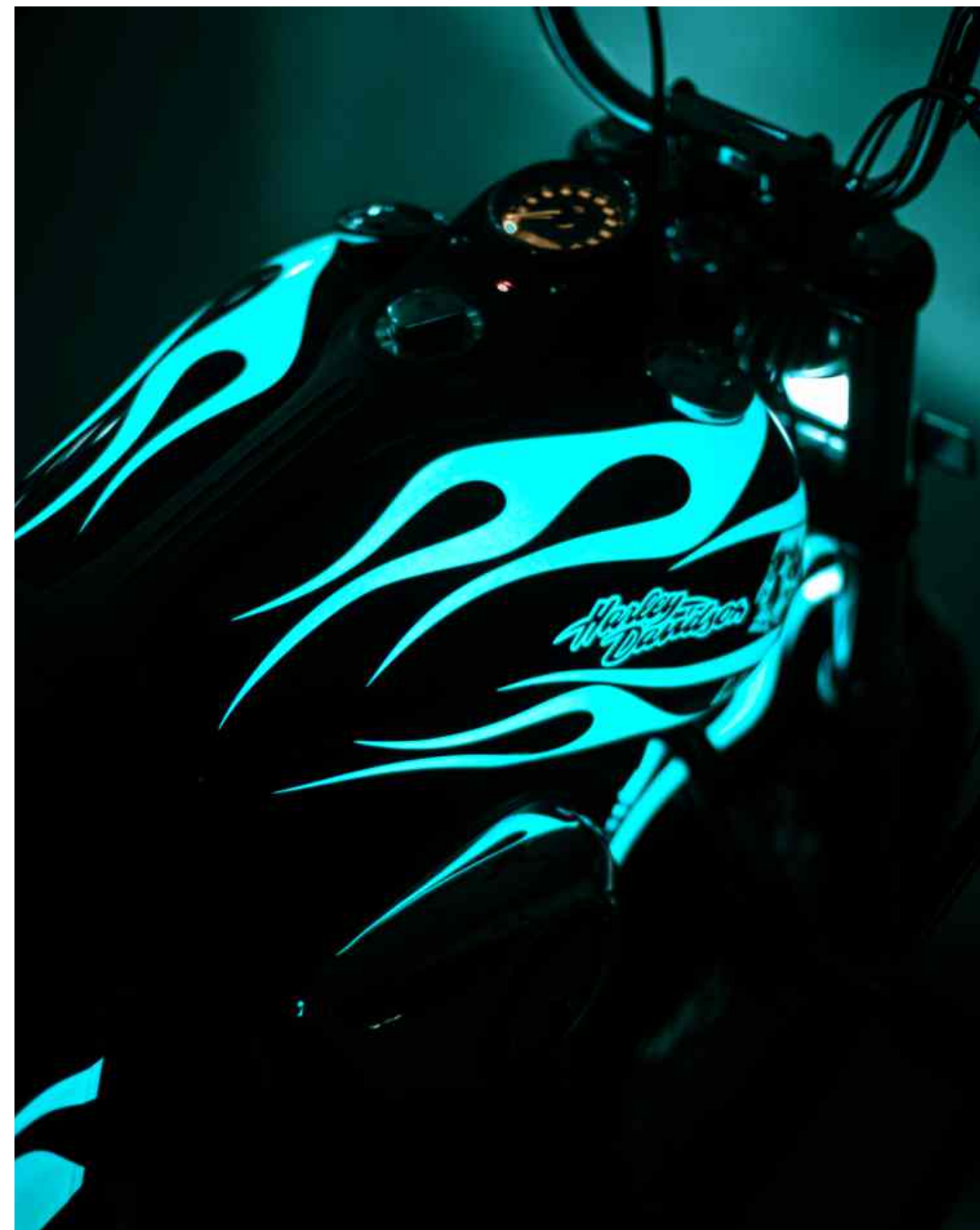












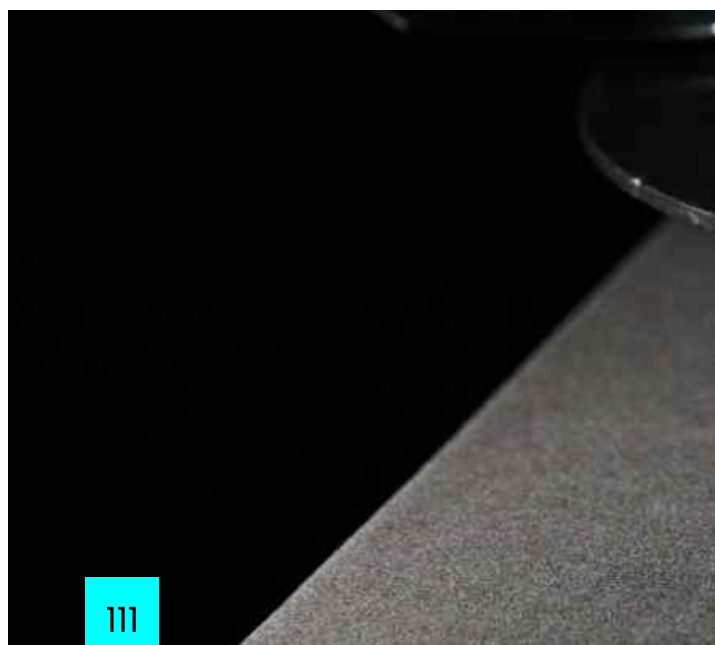


BIKE TANKS

- KTM
- Royal Enfield
- Harley Davidson
- Suzuki

BIKE TANKS

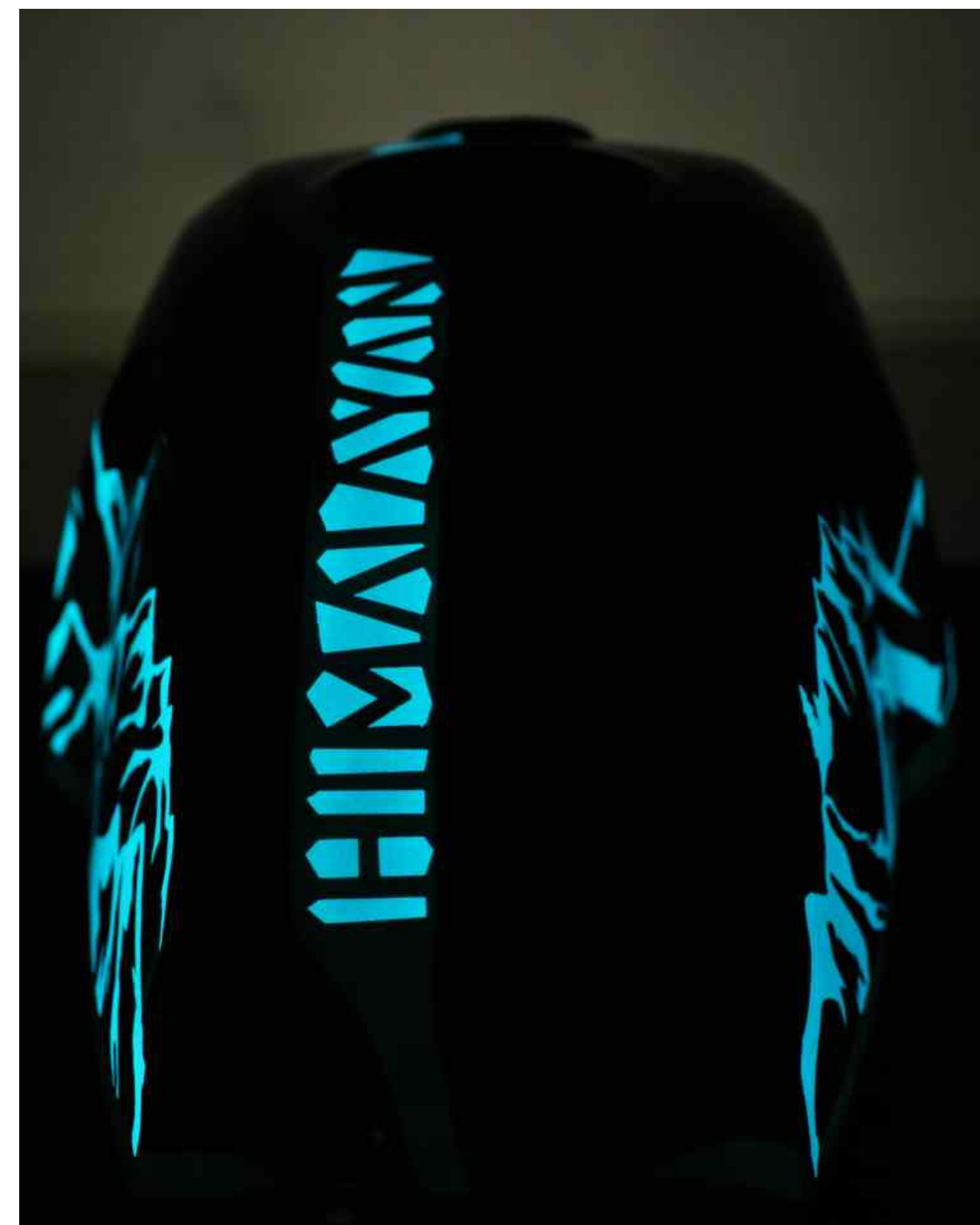
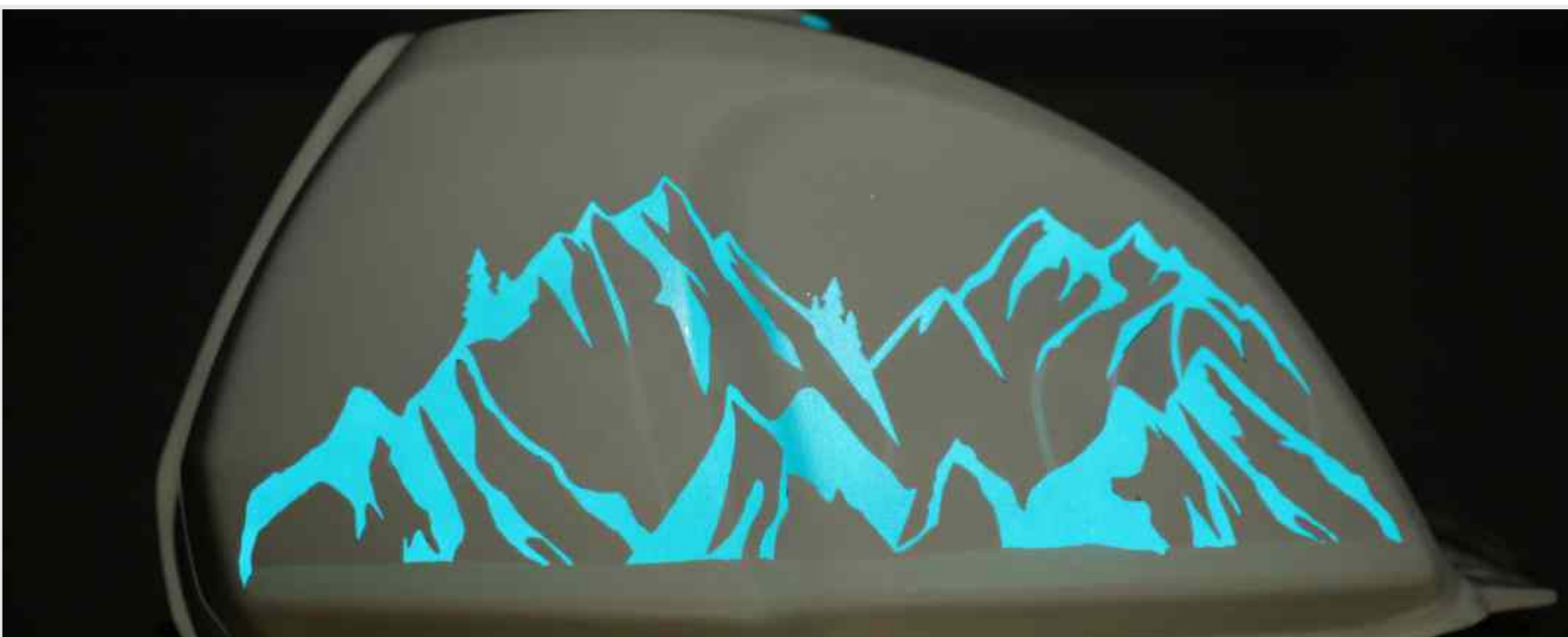
KTM
HIMALAYAN
HARLEY DAVIDSON



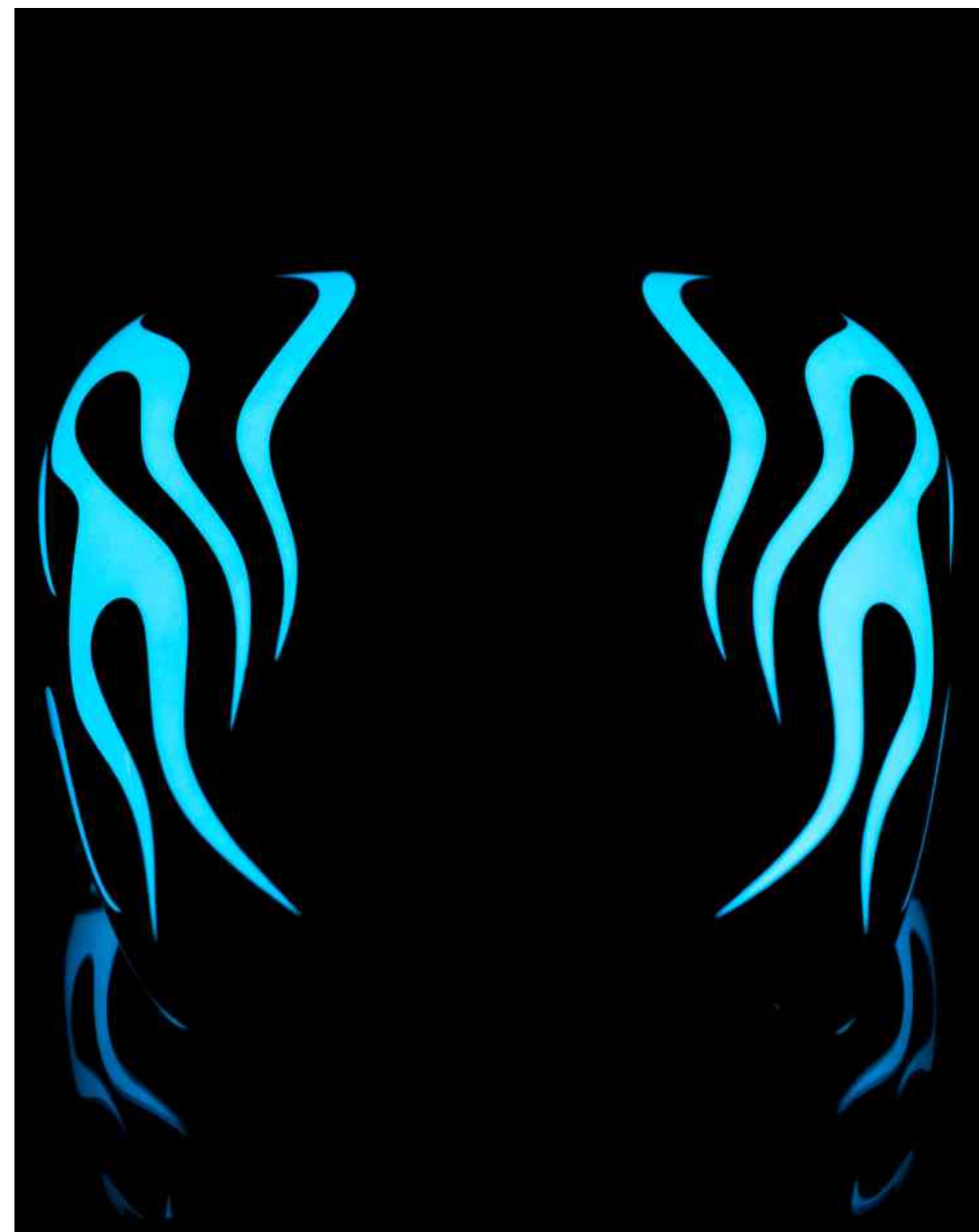
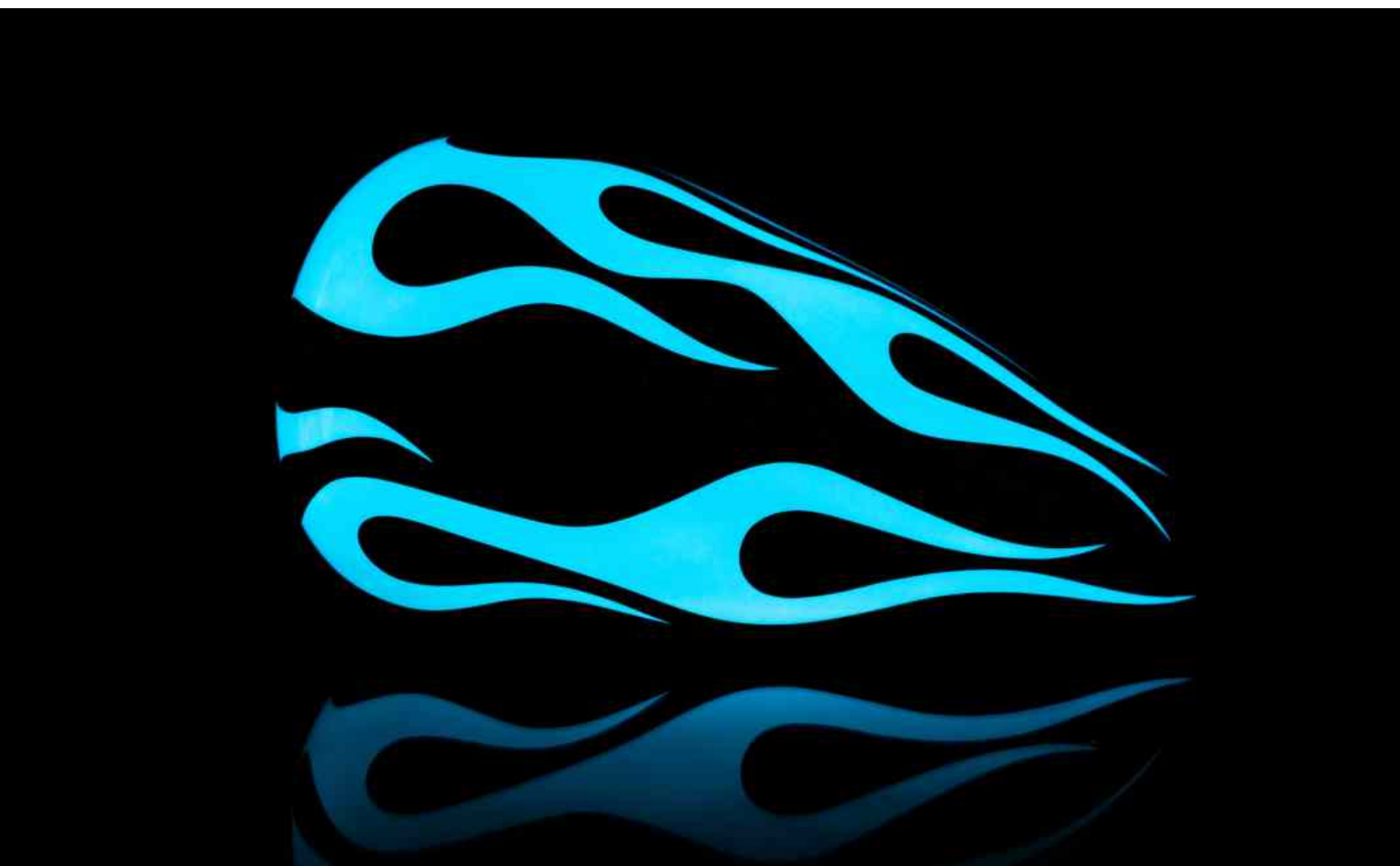
BIKE TANKS

Electroluminescent Paint
Light Emitting Coating









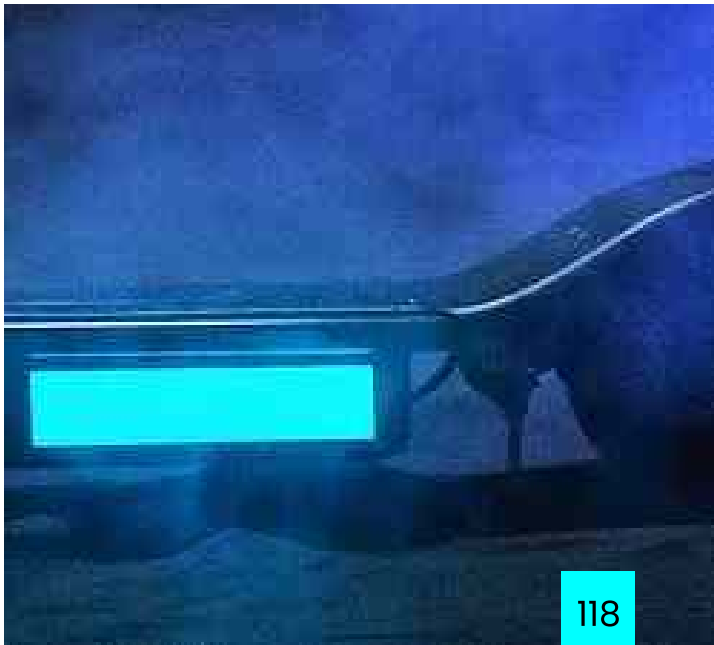


BICYCLES & SCOOTERS

- Brompton
- Montra
- Cannondale
- Zugo
- Trek
- Ahoy
- Waltx
- Hero

BICYCLES & SCOOTERS

BROMPTON	TREK
MONTRA	AHOY
CANNONDALE	WALTX
ZUGO	HERO



BICYCLES & SCOOTERS

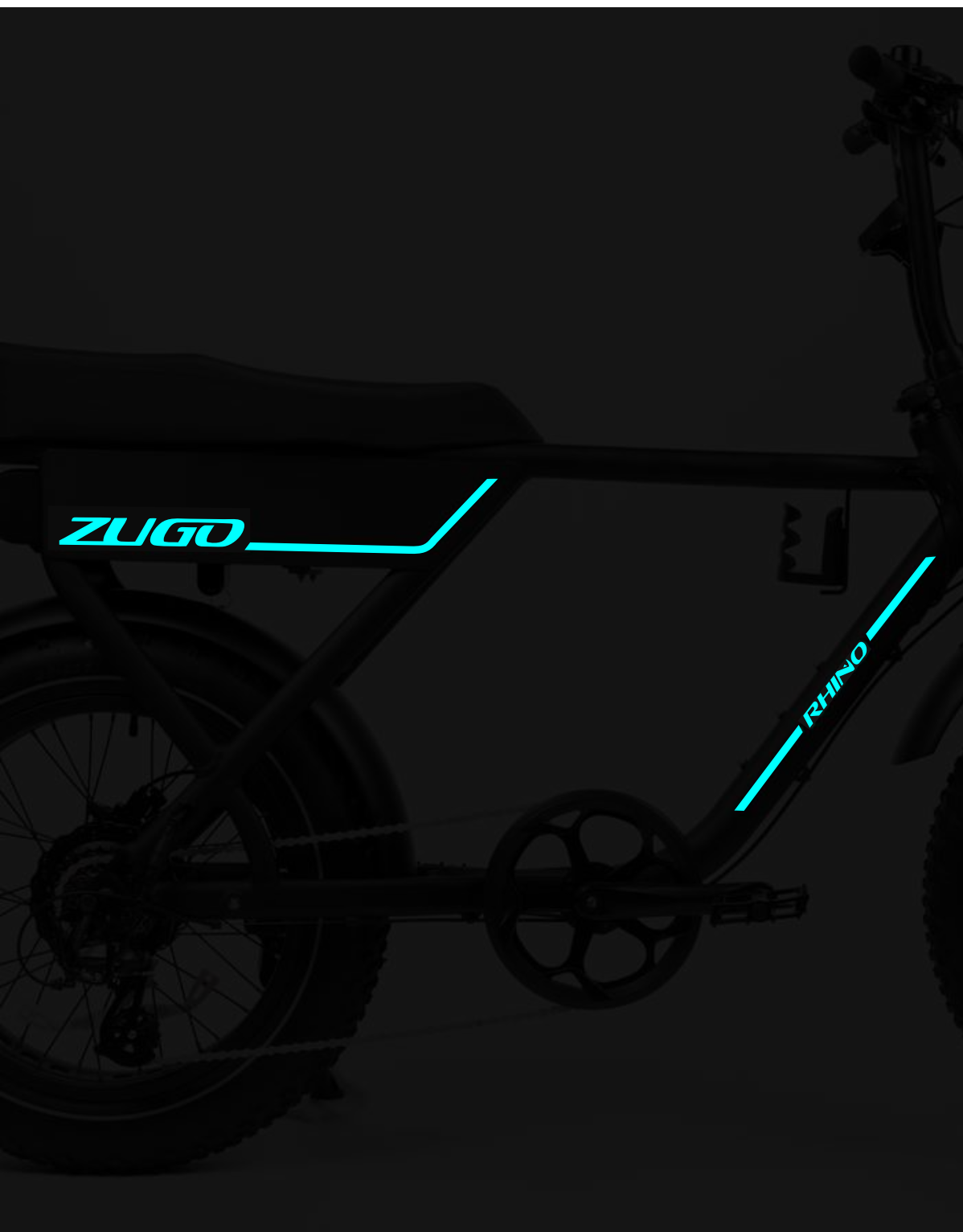
Electroluminescent Paint Light Emitting Coating





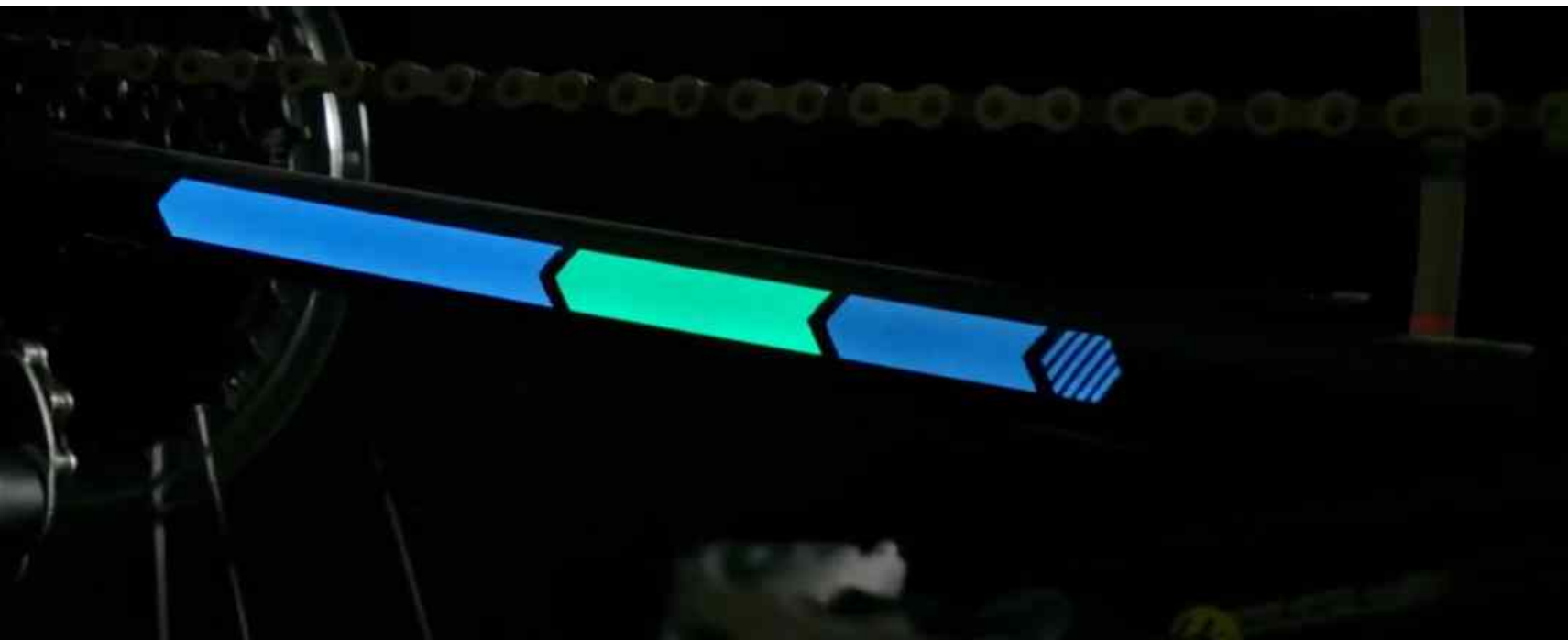














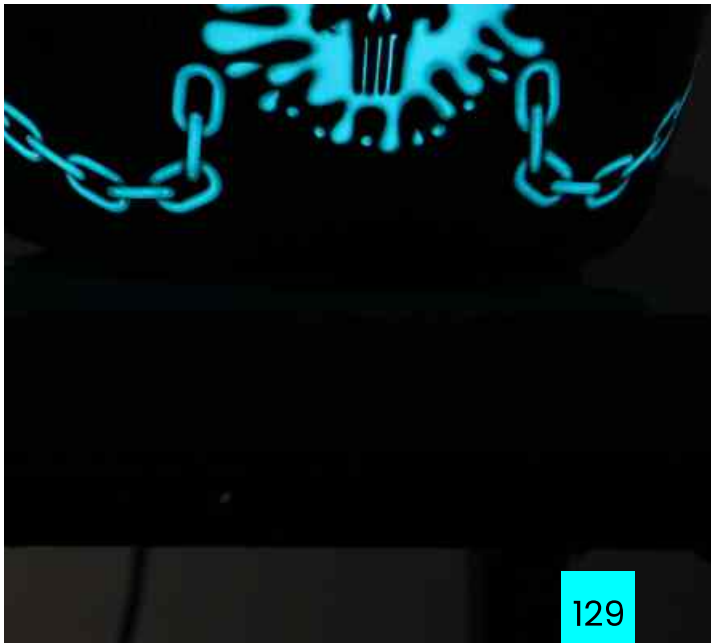
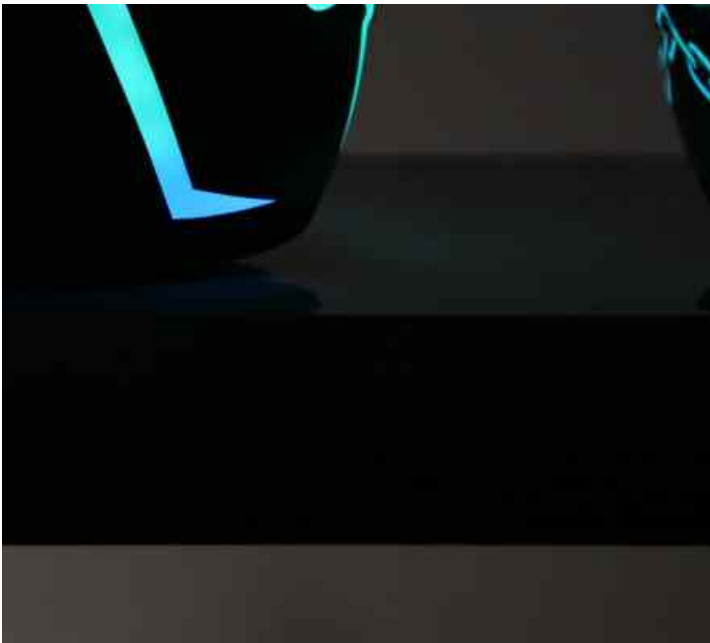
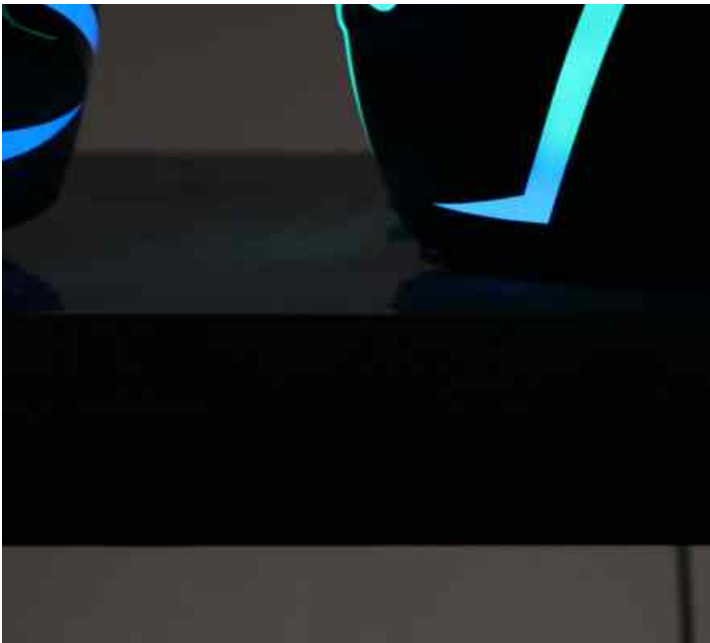
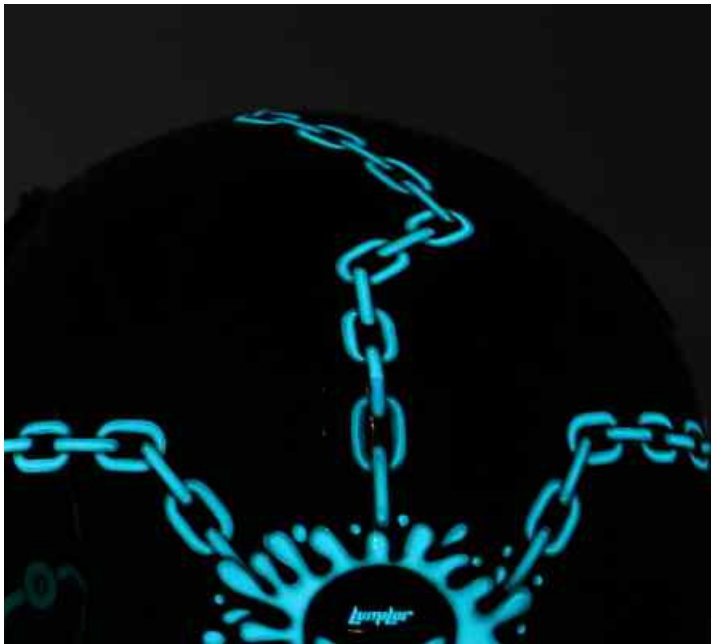
BIKE & BICYCLE HELMETS

- Royal Enfield
- Triumph
- Hayabusa
- LS2 Helmet
- Bicycle Helmet
- Harley Davidson
- Deliveroo
- Carriage
- Hoop Electric Helmet
- Customized Helmets



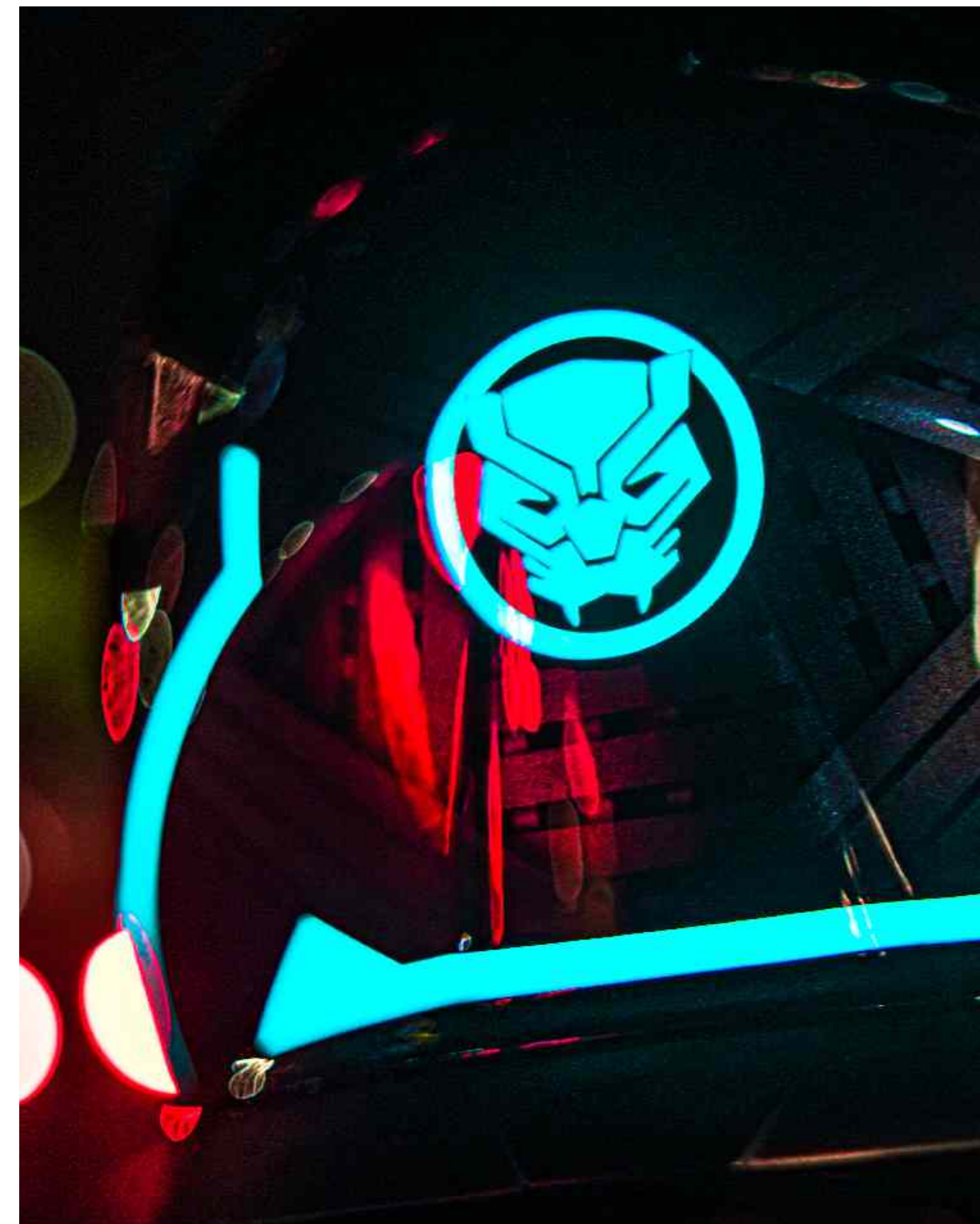
BIKE & BICYCLE HELMETS

HARLEY DAVIDSON
ROYAL ENFIELD
TRIUMPH
HAYABUSA
BICYCLE

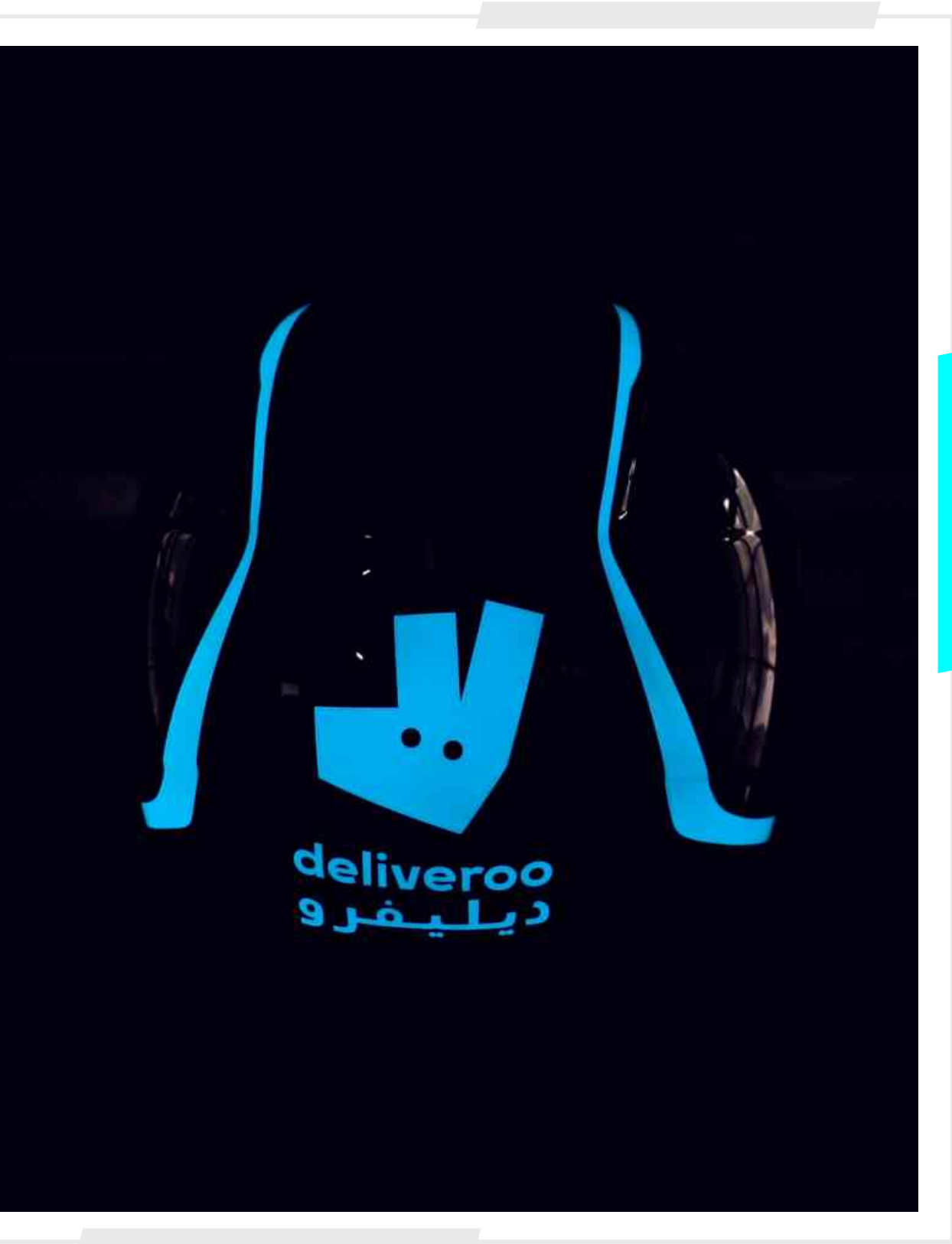


BIKE & BICYCLE HELMETS

Electroluminescent Paint
Light Emitting Coating



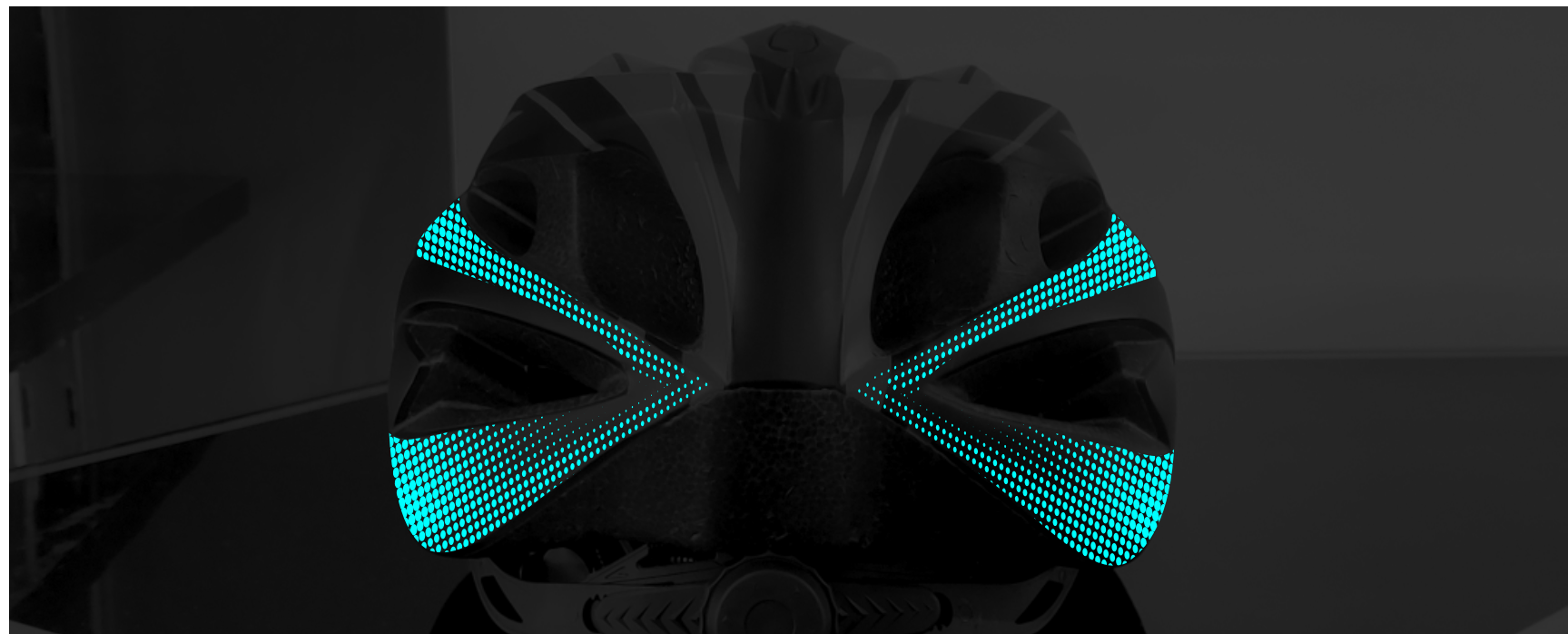




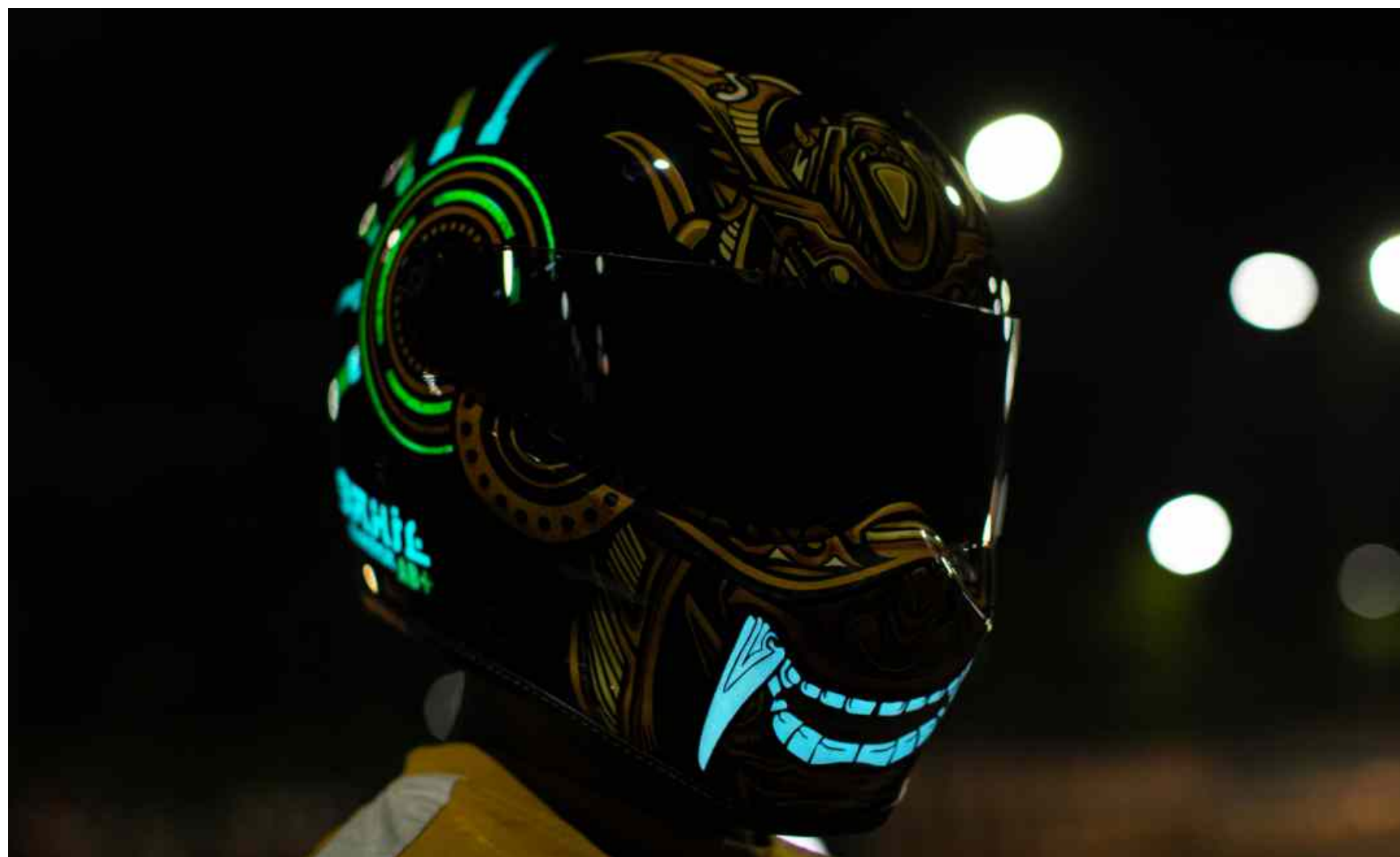
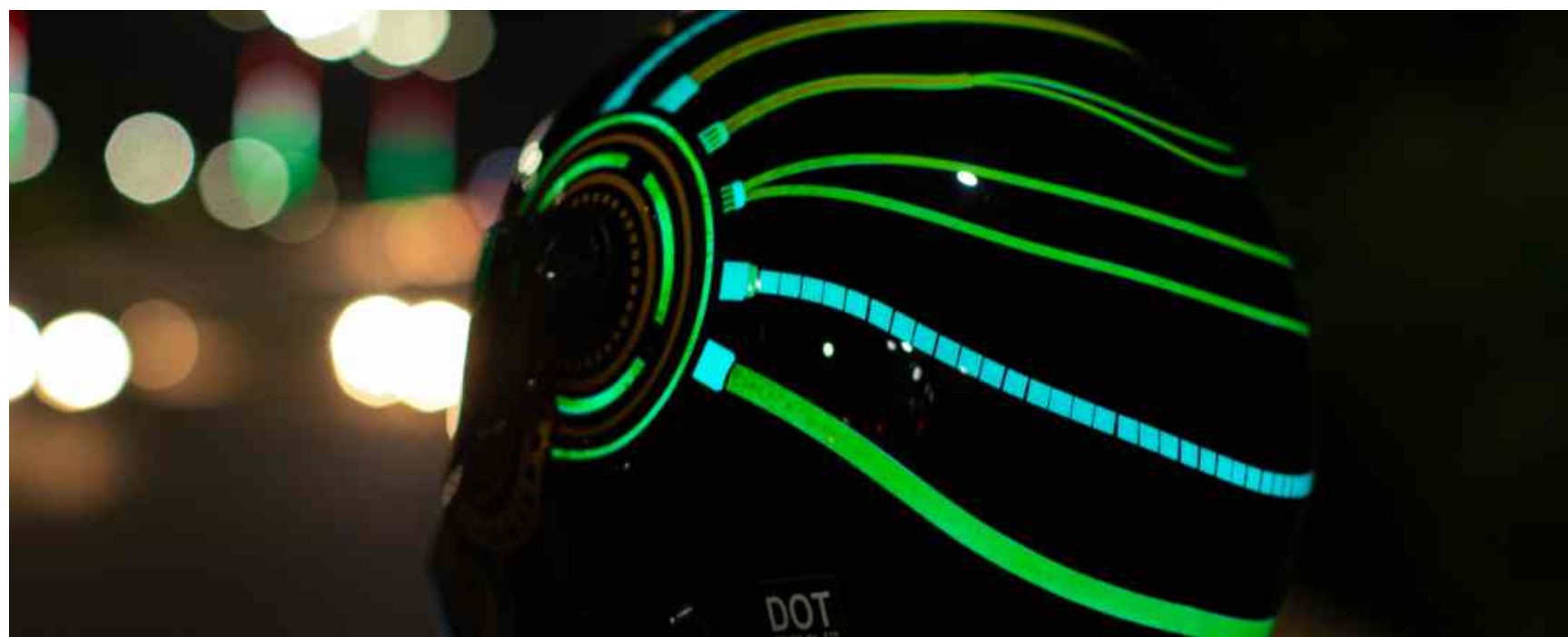








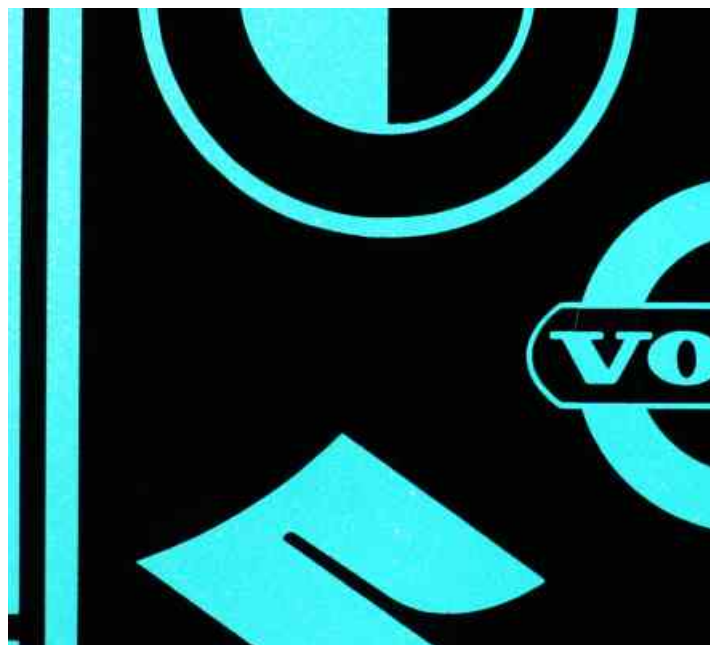
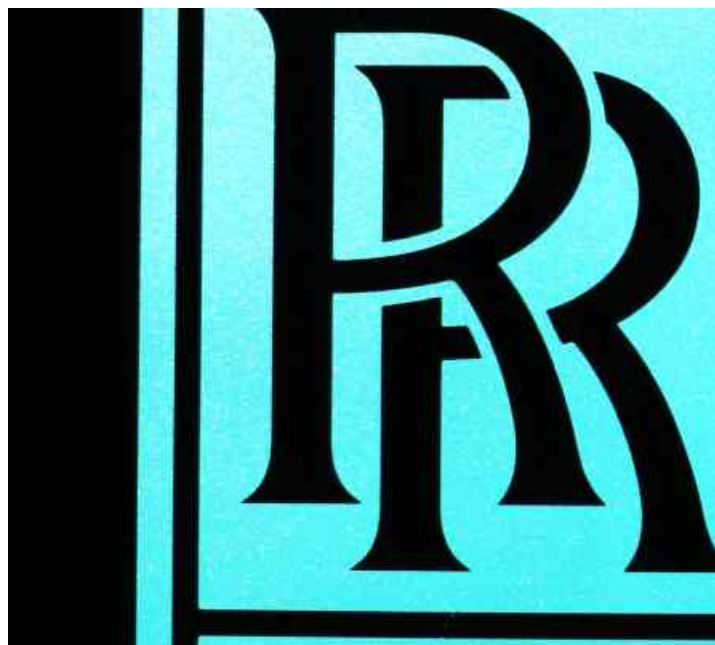






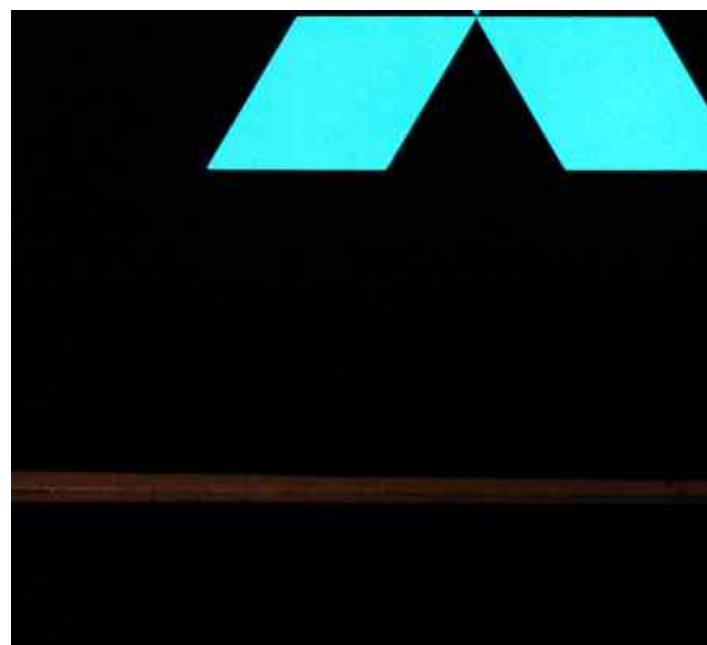
BRAND LOGOS

- BMW
- Audi
- Volvo
- Triumph
- Mustang
- Indian Oil
- Hayabusa
- Mercedes
- Rolls Royce
- Royal Enfield
- Harley Davidson



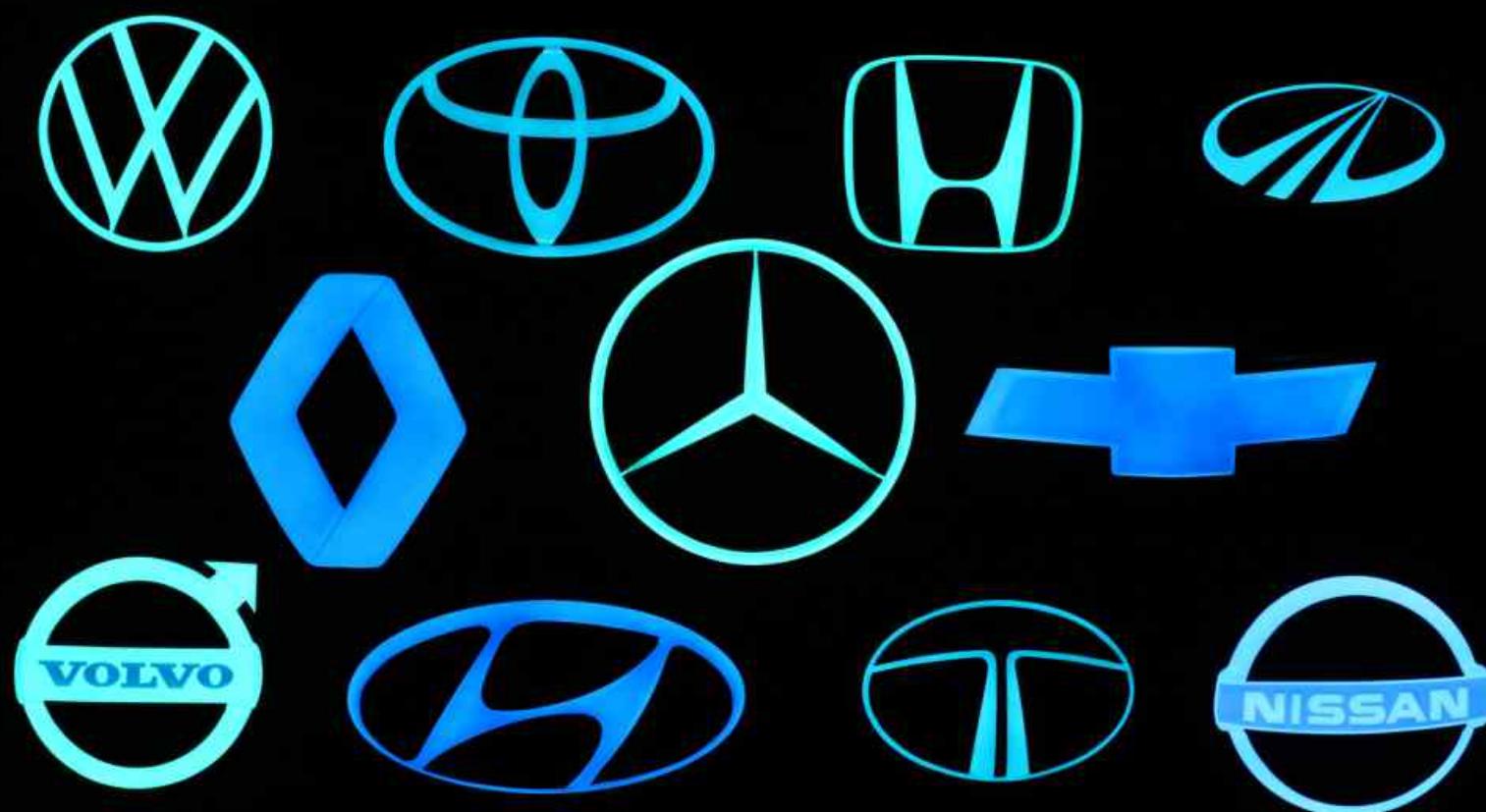
**BRAND
LOGOS**

HARLEY DAVIDSON
ROYAL ENFIELD
TRIUMPH
HAYABUSA
INDIAN OIL ETC.



BRAND LOGOS

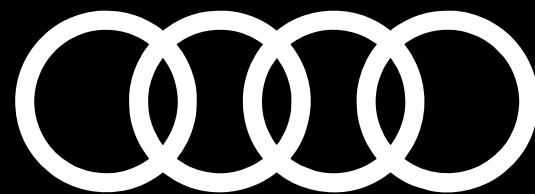
Electroluminescent Paint
Light Emitting Coating



इंडियन ऑयल

Kawasaki
Ninja

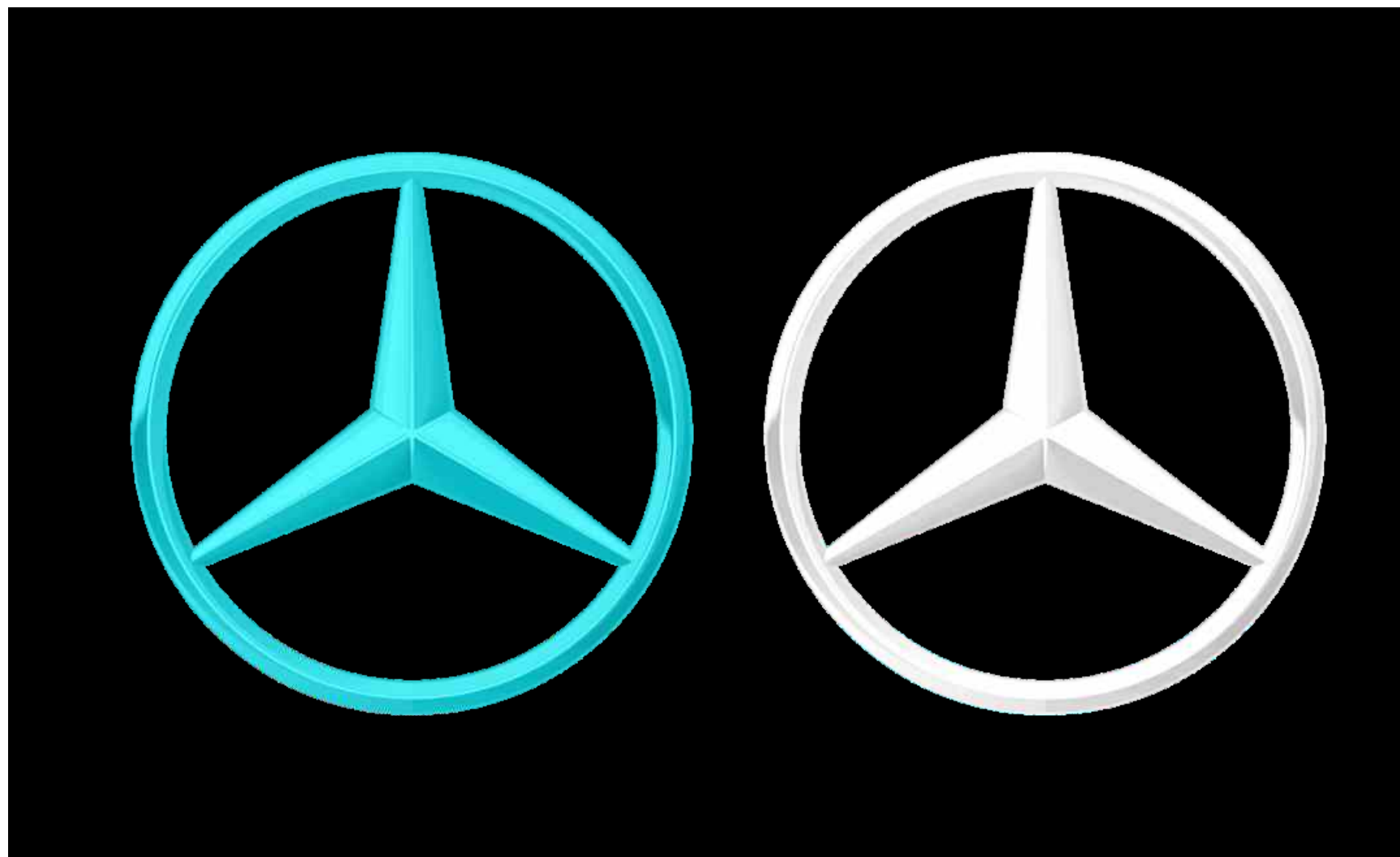
RR
310
Apache

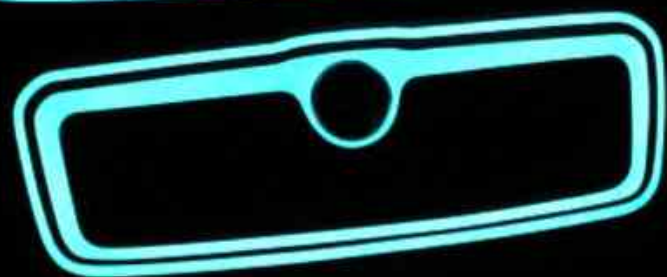


DOMINAR



ROYAL ENFIELD





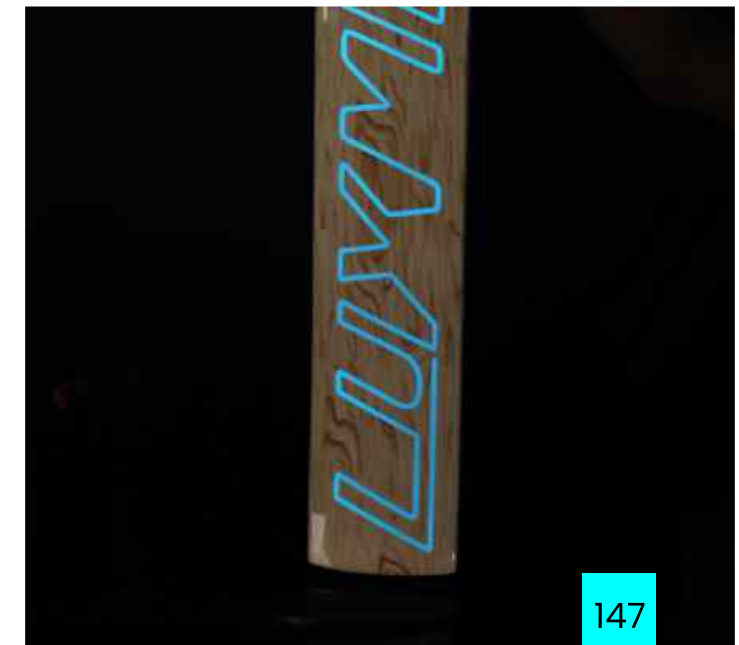
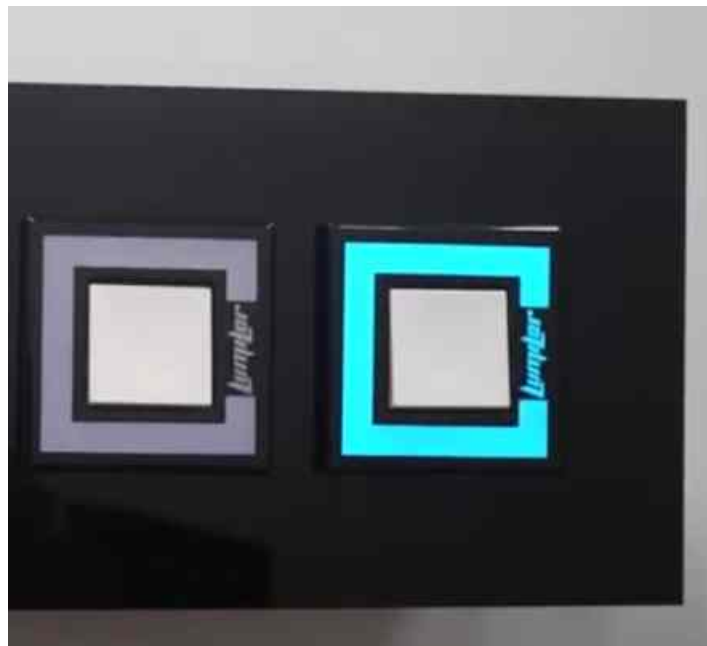
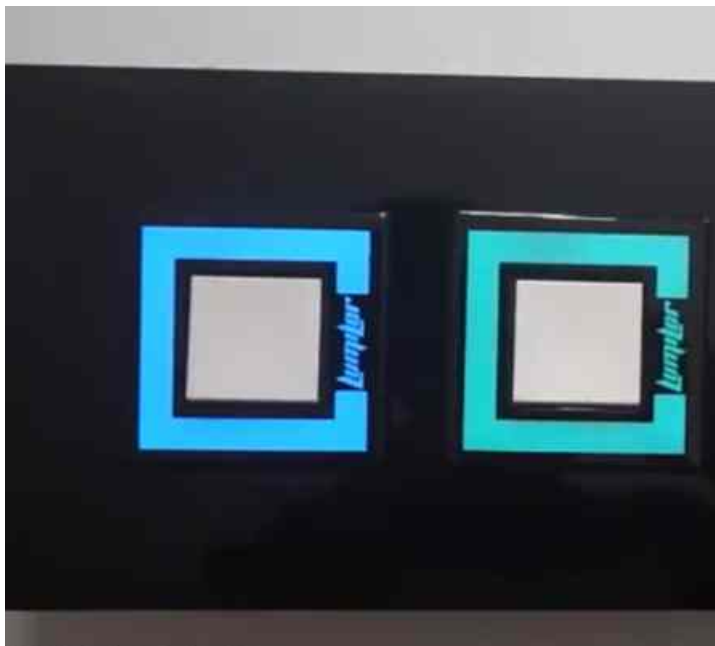
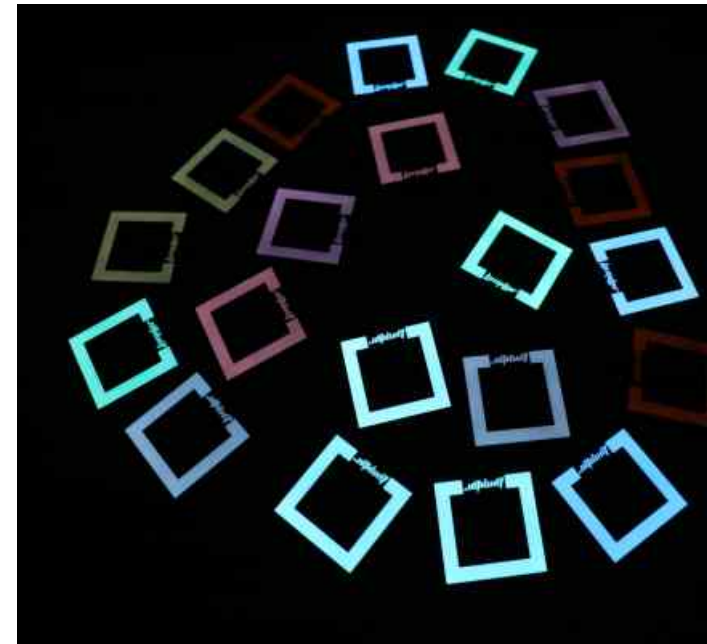
MISCELLANEOUS

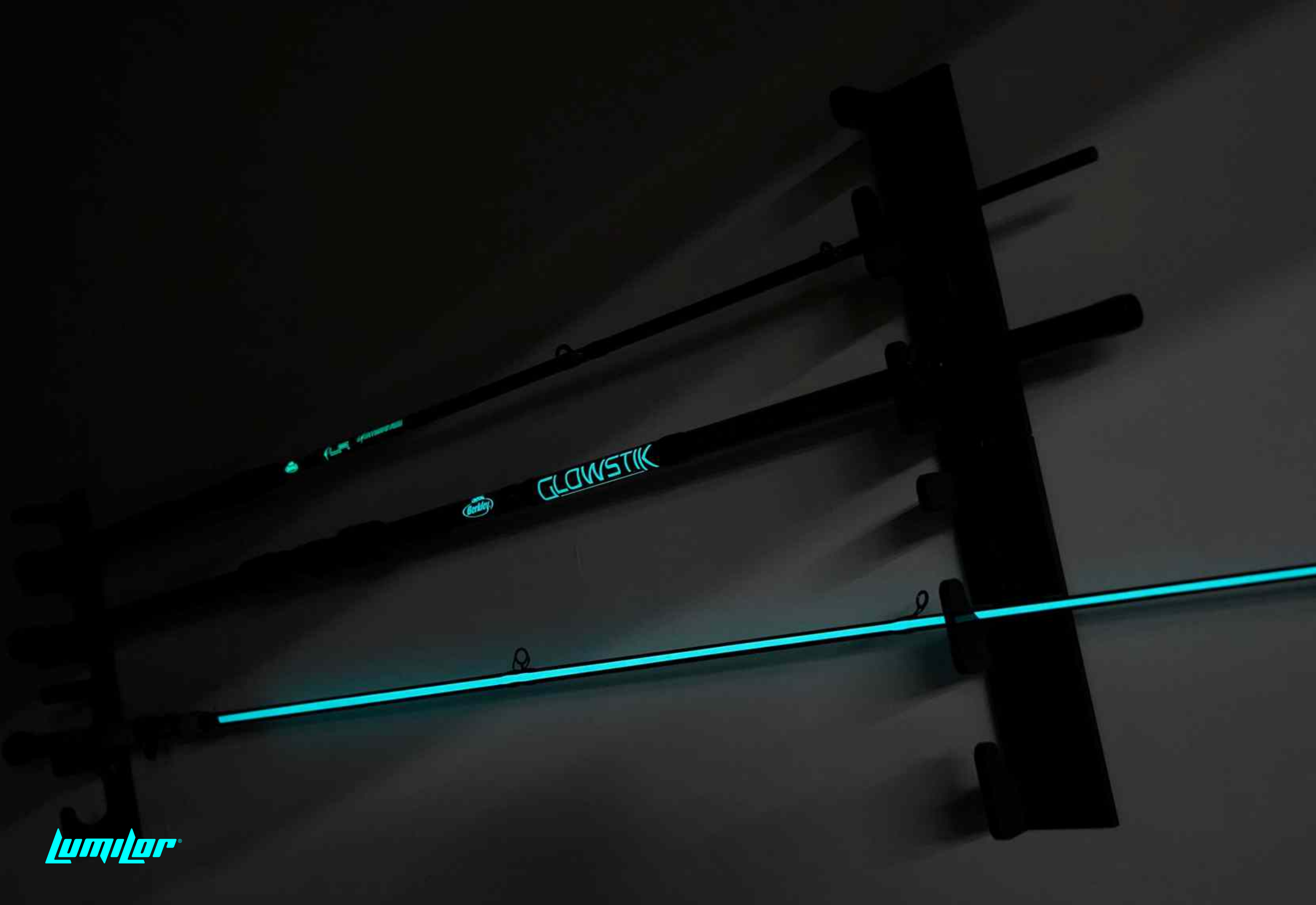
- Furniture Table
- Versace Table
- Cricket Bat
- Fish Aquarium
- Many more...
- Wall Frames
- Electric Switches
- E-Guitars
- Titan Watch Dial
- Faurecia

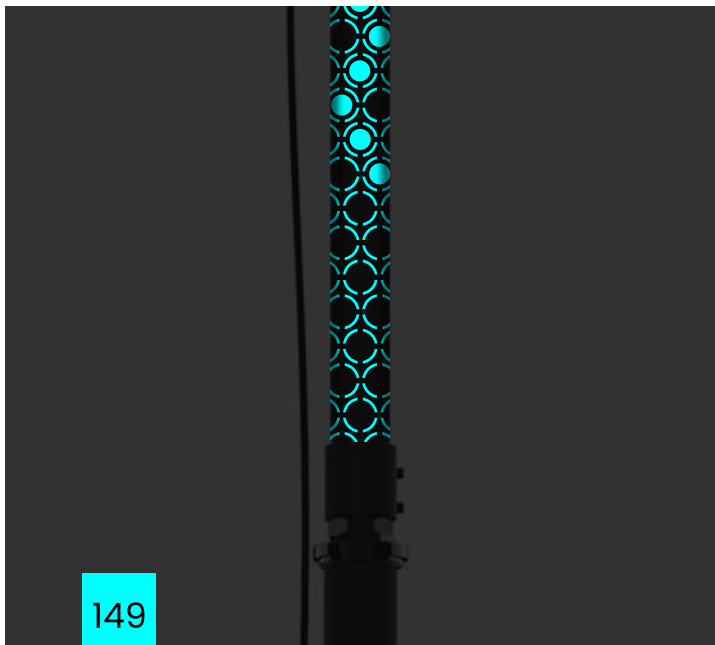
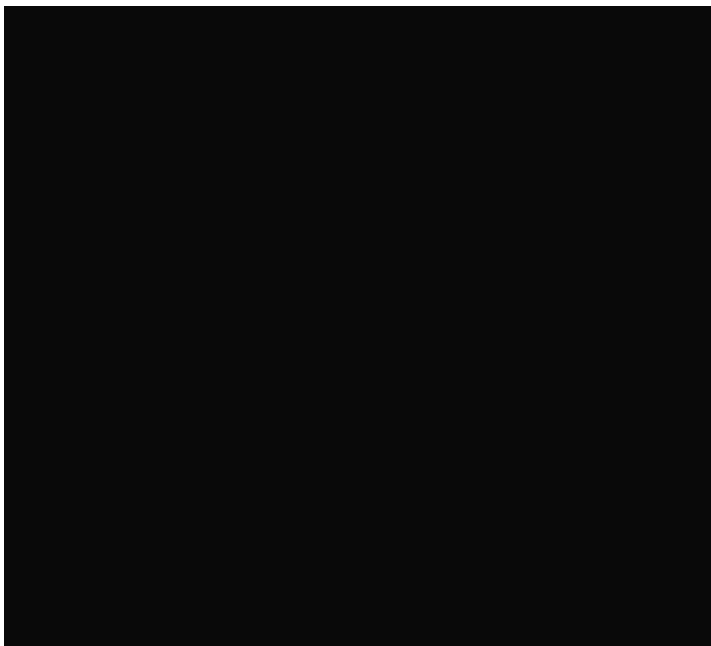
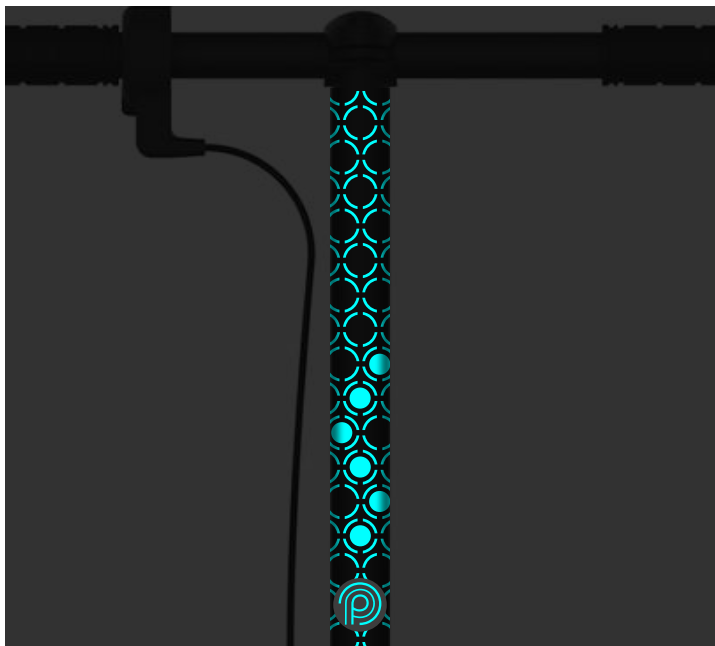
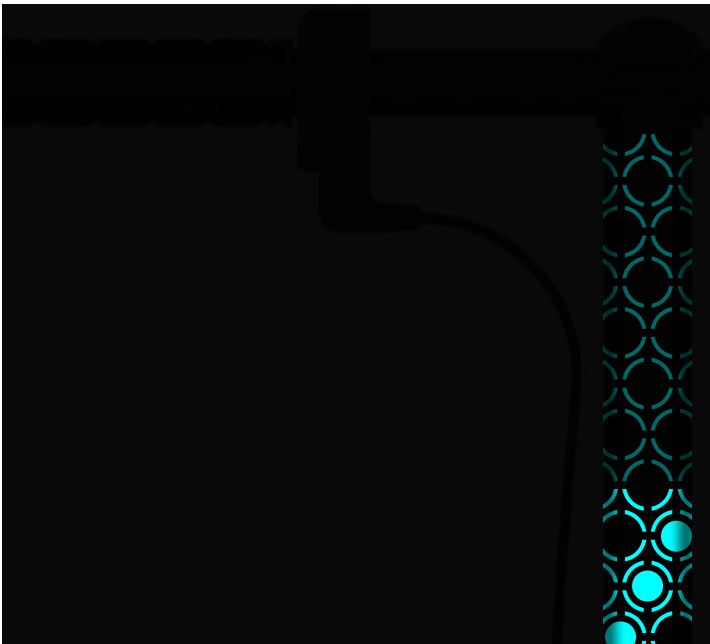


MISCELLANEOUS

FURNITURE	FRAMES
VERSACE	SWITCHES
CRICKET BAT	GUITAR
AQUARIUM	WATCH DIALS



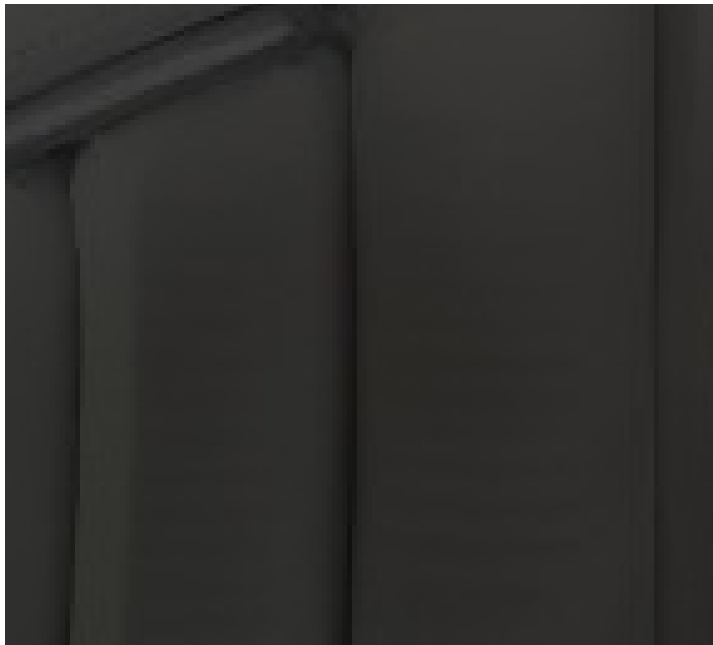
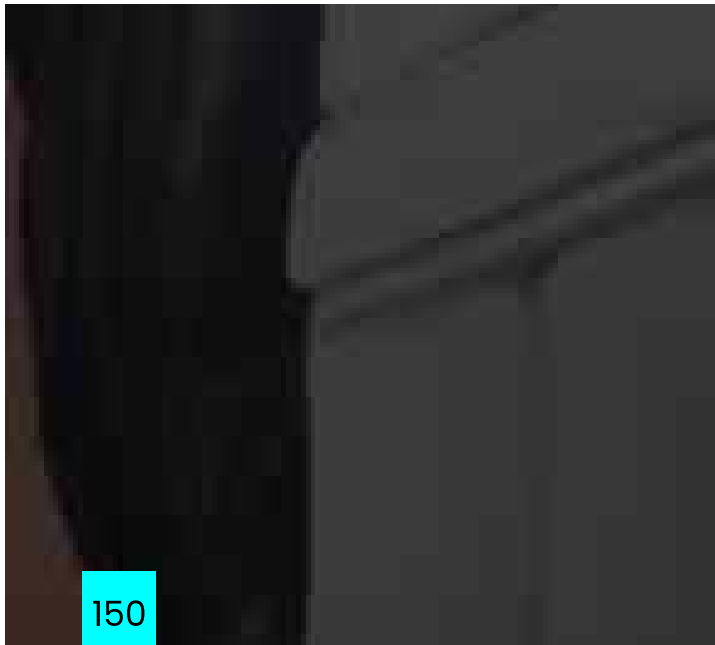






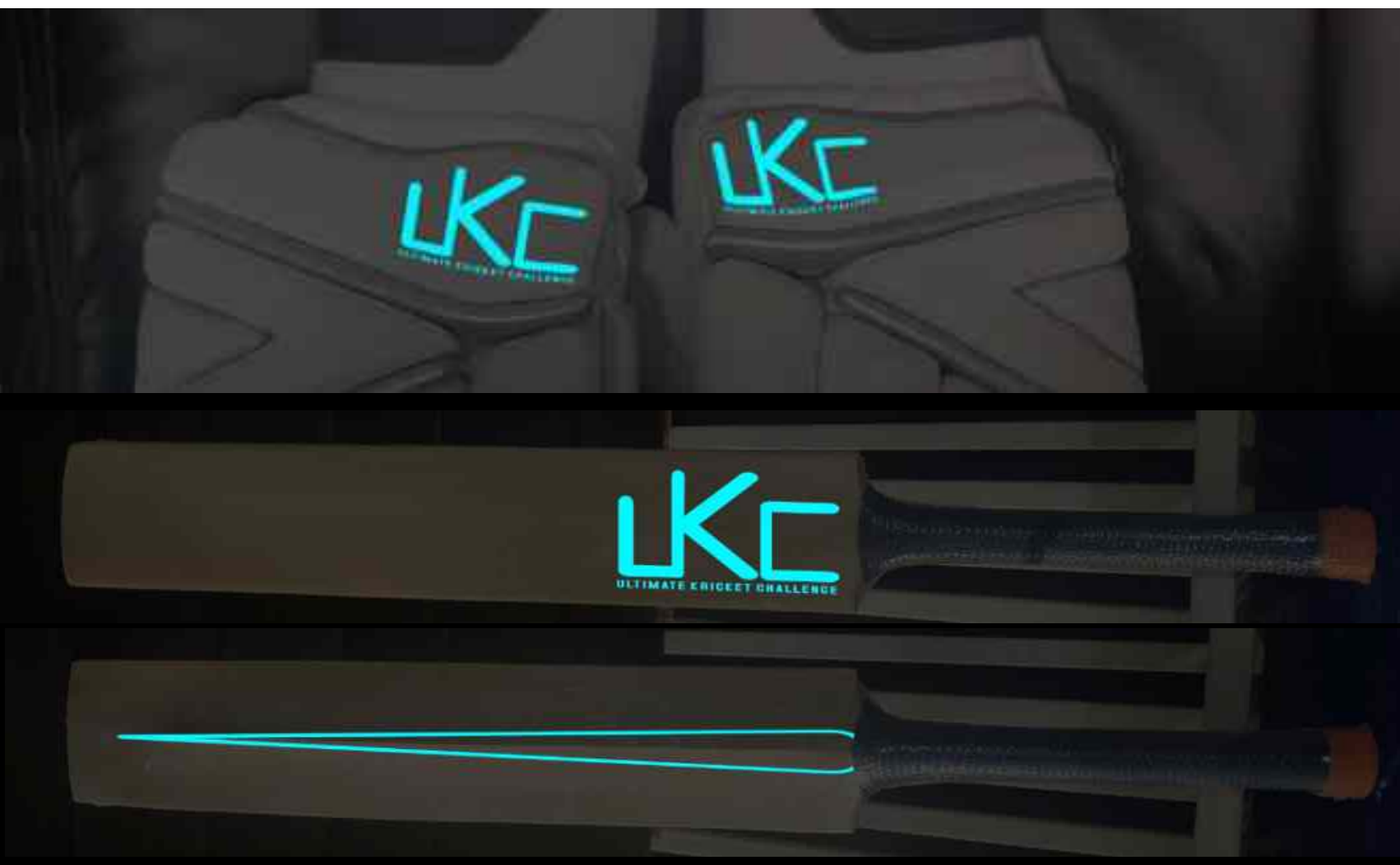
LKC
ULTIMATE KRICKET CHALLENGE

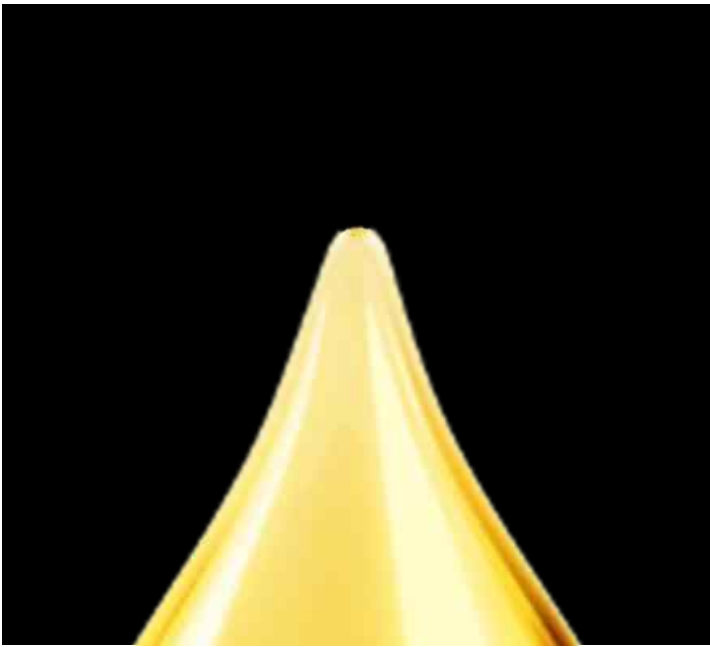
CRICKET BAT
GLOVES
STAMP PADS



UKC CRICKET

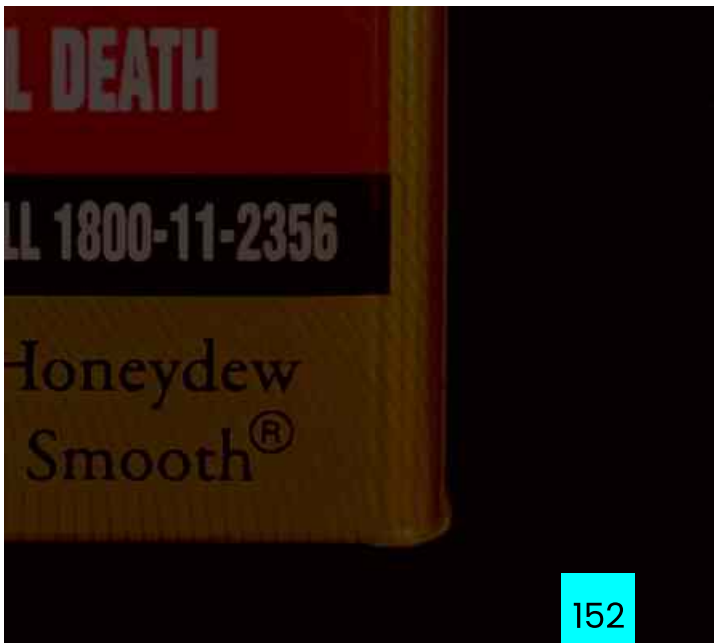
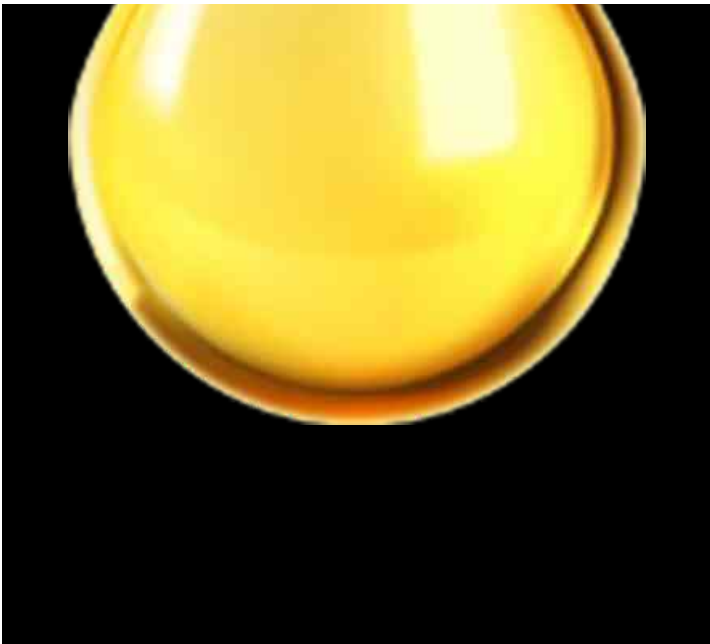
Electroluminescent Paint Light Emitting Coating

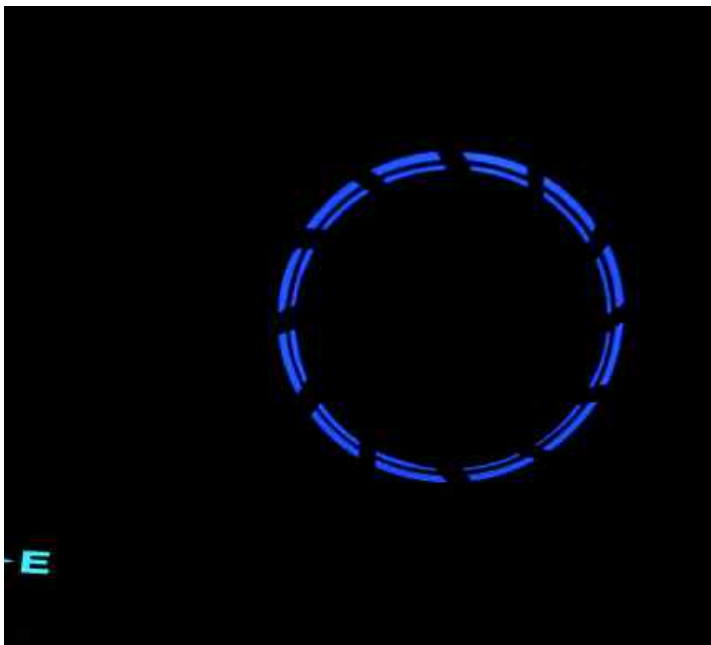
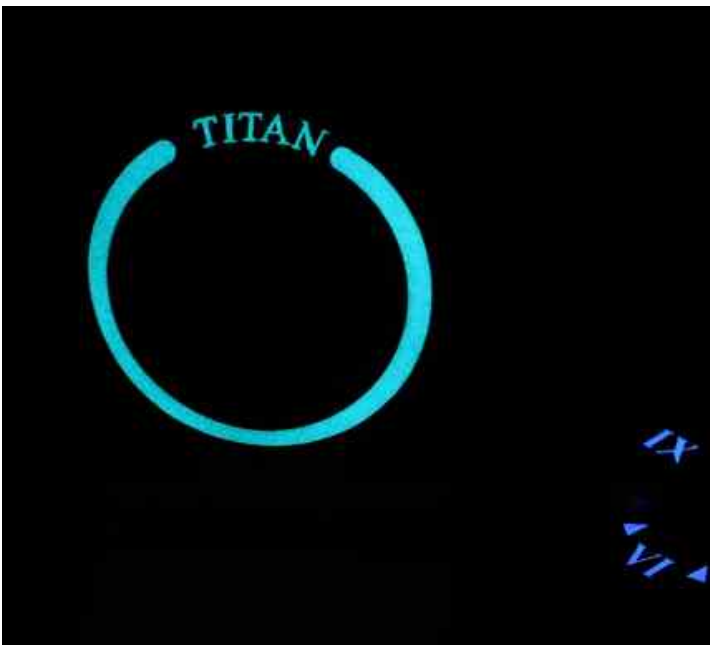
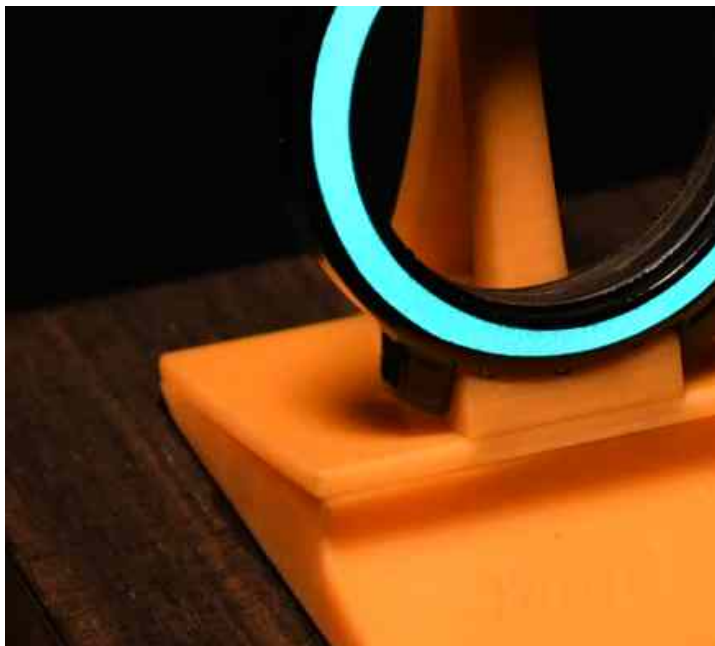




**GOLD
FLAKE**

ITC, GOLD FLAKE BOX

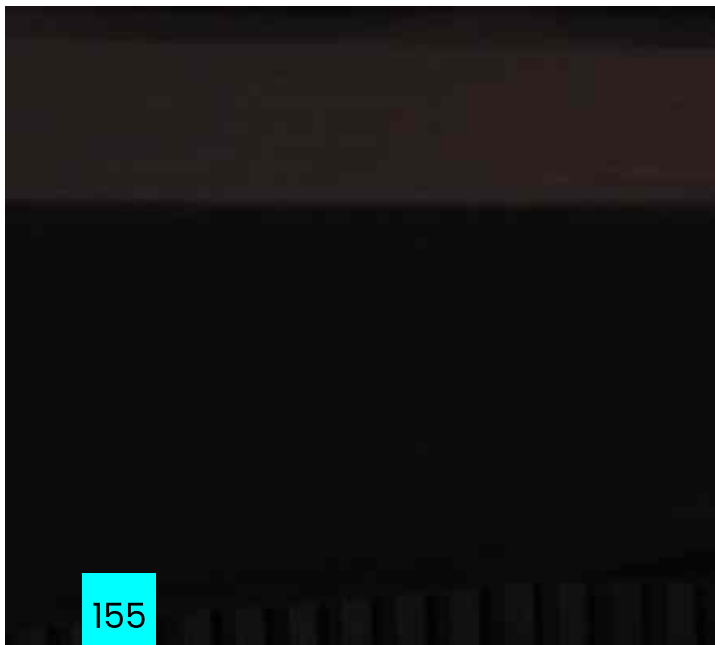




TITAN WATCHES

Electroluminescent Paint Light Emitting Coating





CARBONADO BAGS

BAGPACK



CARBONADO BAGPACK

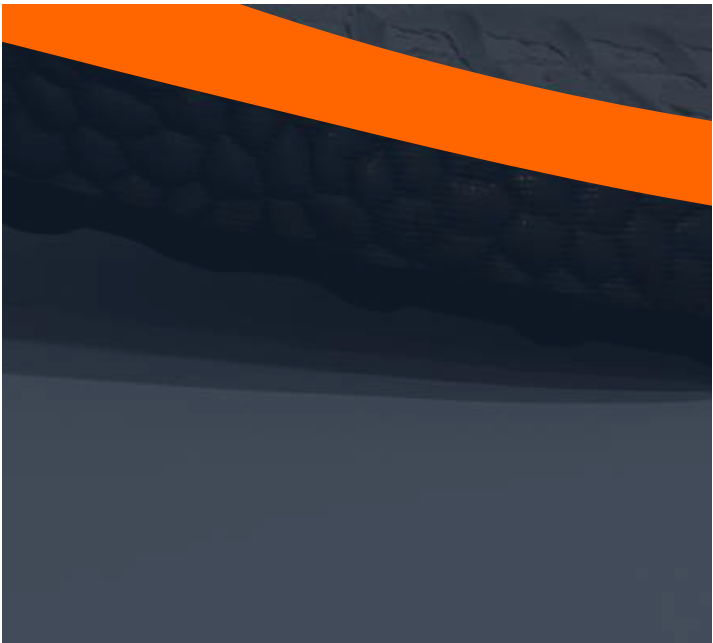
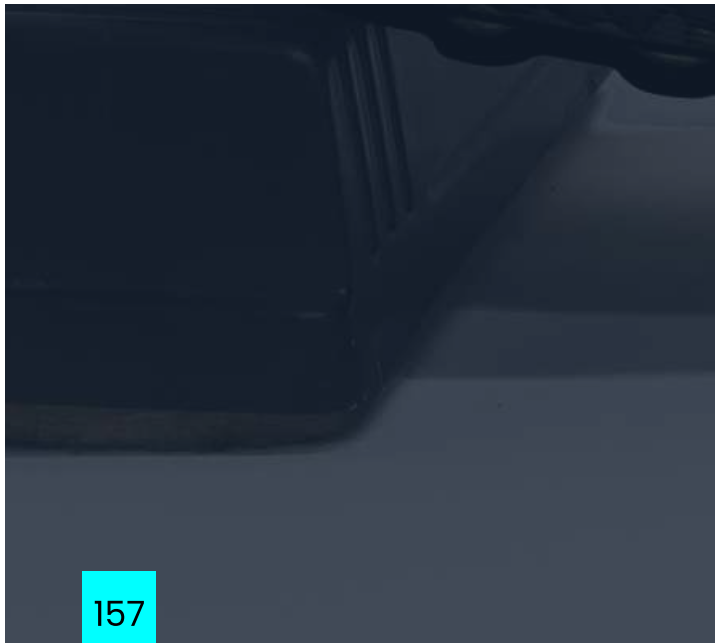
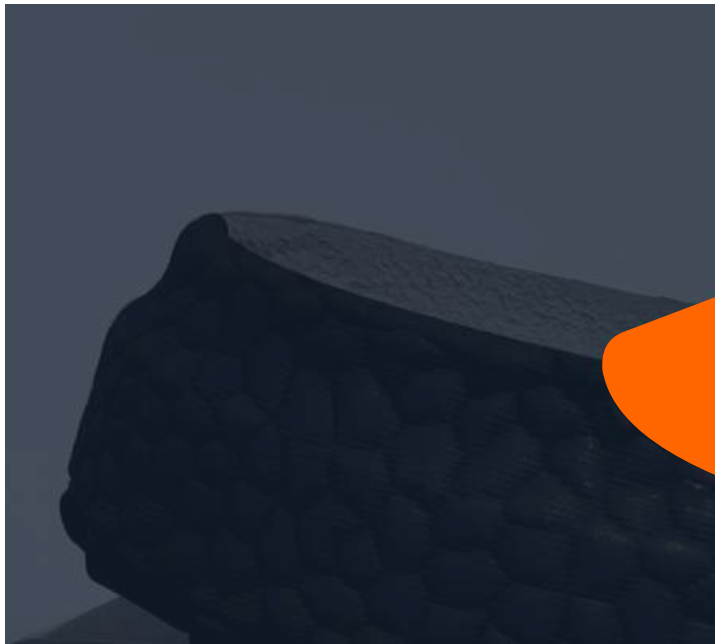
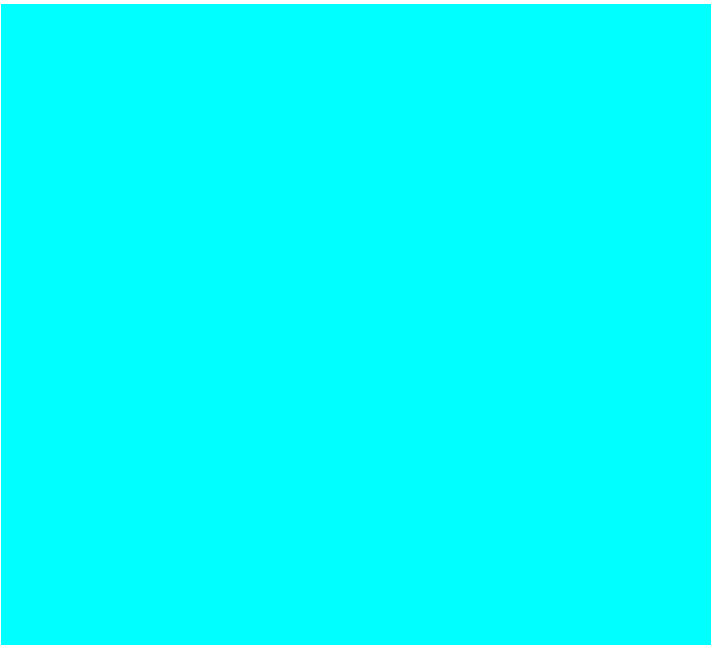
Electroluminescent Paint
Light Emitting Coating





IMPAKTO SHOES

SHOES SOLE
SHOES COVER



·faurecia





·faurecia

LUMILOR ELECTRONICS



LUMILOR INVERTER 5W



LUMILOR INVERTER 30W



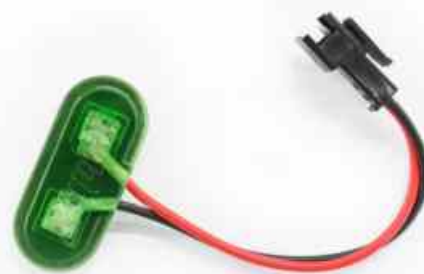
CONNECTOR – MALE



CONNECTOR – FEMALE



HEAT SHRINK CONNECTOR 2.7 MM



SELF ADHESIVE CONNECTOR



AUTO CONNECTOR MALE



AUTO CONNECTOR FEMALE



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