

ROBERT **MILLER** ~ *Advance Design & Engineering with Light* ~

Global Automotive Lighting Design ~ Exterior & Interior | Speaker | Award Winning Author-Photojournalist

Meet Robert H Miller

Over the last twenty-six years I have mastered the art of understanding light and how to control it. I have a creative eye for lighting design and engineering of those designs. I am recognized globally for unique and innovative automotive lighting designs using LED technology and advanced materials. I am also an accomplished award-winning author and professional photographer.





How to explain to you—what I do.



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Taking two skills I'm good at and combining it into something super!



Professional
Photographer
(41 years)



Keen understanding
of light, design, business &
electronics and loads of experience
with concepts cars and
lighting production



Result? A Global
Automotive Lighting &
Engineering
DESIGN Expert

My Skills

Lighting Design | Concepts | LED Technology | Electronics
Optics | International Consulting
Business Development | Project Management | Author
Photographer | Innovator | Creativity Skills



I live here

in Michigan, USA

I work there, and here



and everywhere

Automotive





The Basics

- ~ 60 global OEM concept vehicles, + 1,500 individual programs
- ~ Expert on global lighting design trends
- ~ Many of my designs are now in production
- ~ Have worked with all the major OEM design studios on the planet
- ~ **Expert** with related **materials & technologies** with lighting
- ~ OEMs call me when they want lighting **innovation**

Hot and cold illuminated cupholder
Lighting design by Robert Miller Client Visteon & 3M Automotive



Helped my clients do some amazing things
and we all had fun doing it.



A futuristic car interior with glowing purple and blue accents. The image shows a close-up of a car's interior, focusing on a white, teardrop-shaped light fixture that glows with a bright purple light. The background is dark, with other parts of the car's interior illuminated by purple and blue light, creating a high-tech, futuristic atmosphere.

I'm known as the guy
that makes it happen.

Understanding how light, as well
as darkness makes a design.

Always asking:
“how can we make it better?”

Not afraid to fail.

Not afraid to try.

Lighting design by Robert Miller Client 3M Automotive



An eye for detail...



Lighting design by Robert Miller for General Motors



...without getting lost in detail.

I can inspire a design team to long for greatness . . .



by looking at lighting design from a different perspective.



Giving company's the critical ideas and tools needed to get there ...





Me in 1962 !

and step back and let them discover the magic of light & darkness ...

Or see what is possible with innovative **light design** and how it can be combined with other technologies





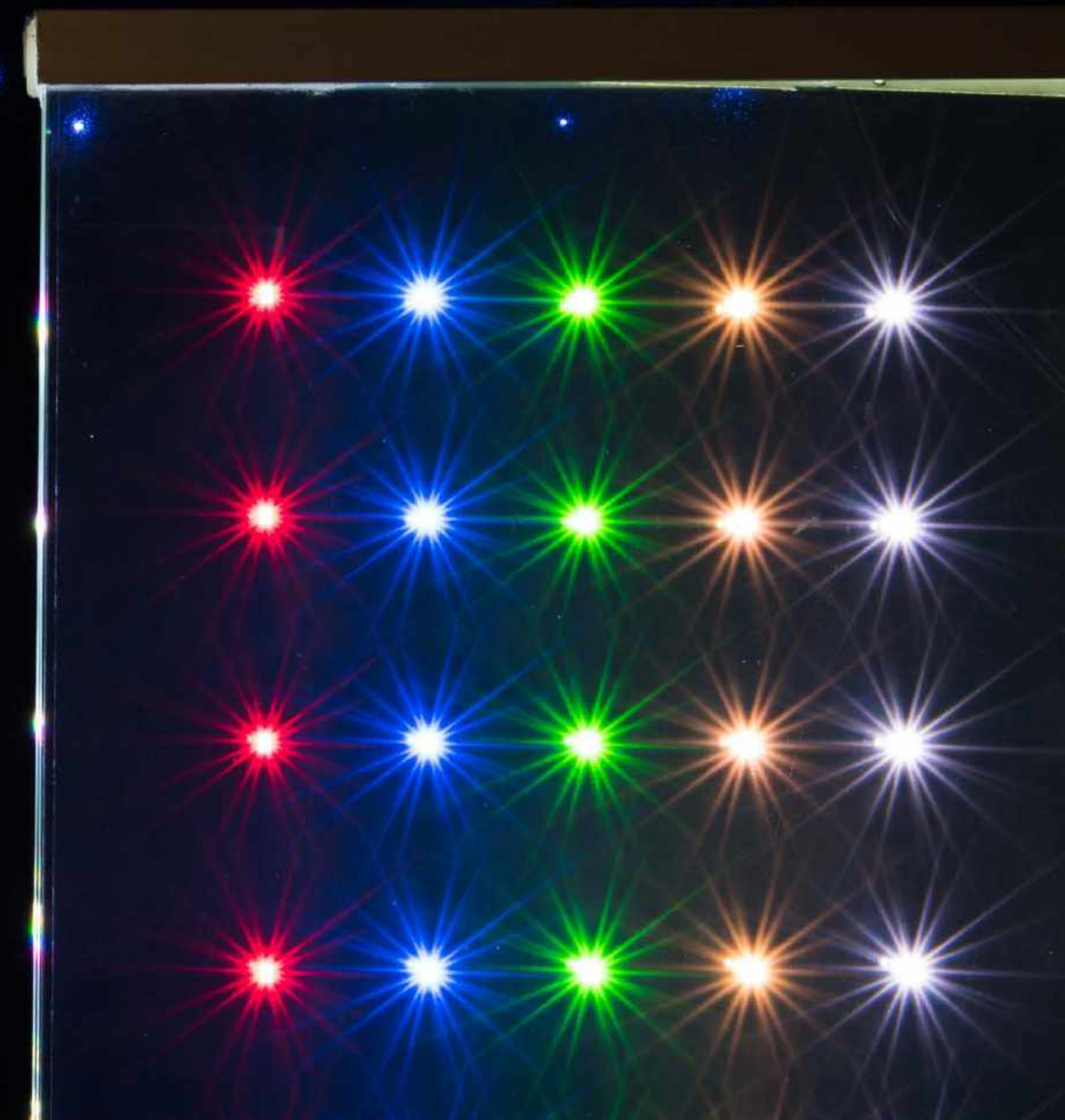
Love to trail blaze with new paths using **new materials** and **applications** not used before with lighting



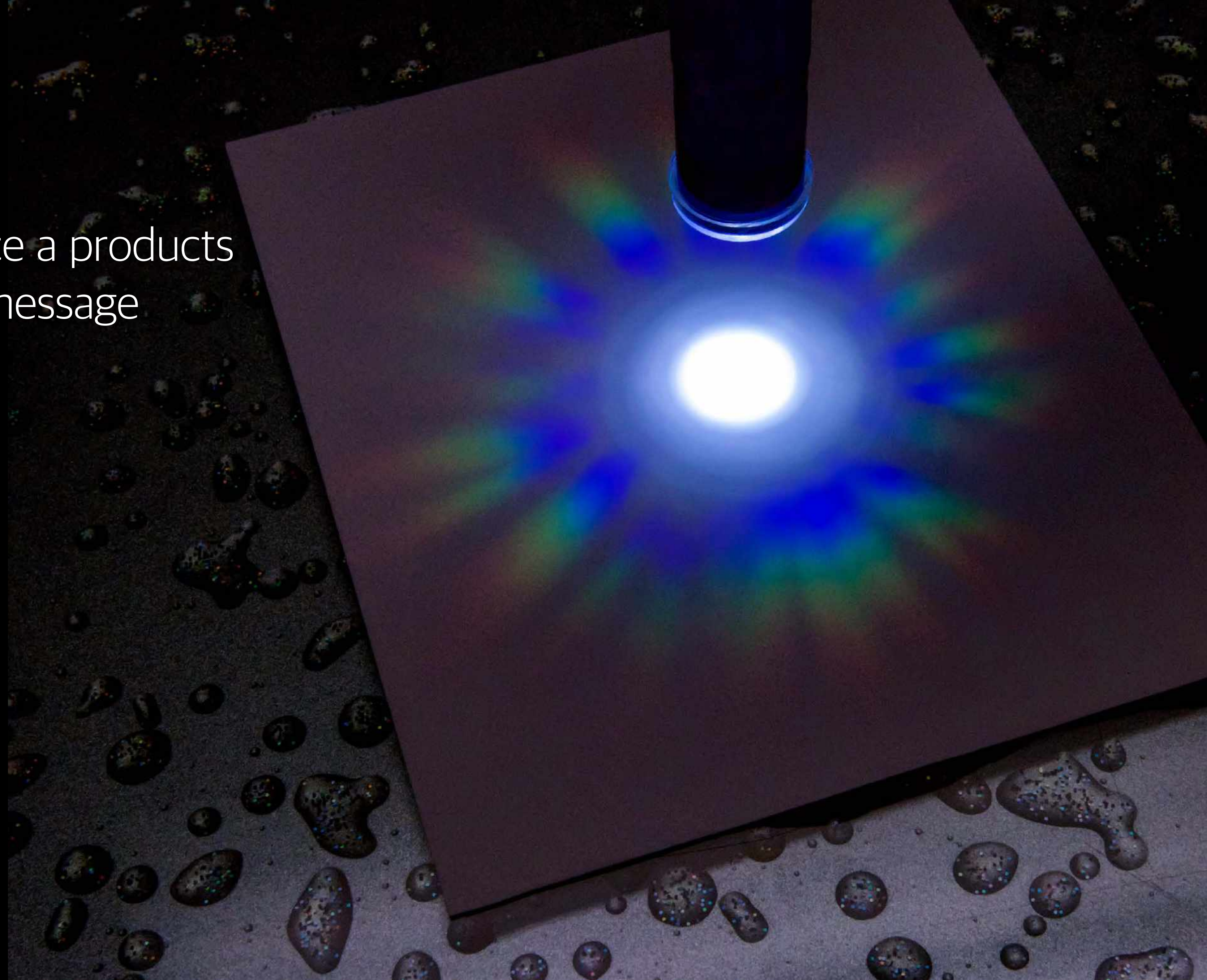
And to use light as a **surprise and delight** function



Or to enhance a brand's design
looks using **LIGHT**



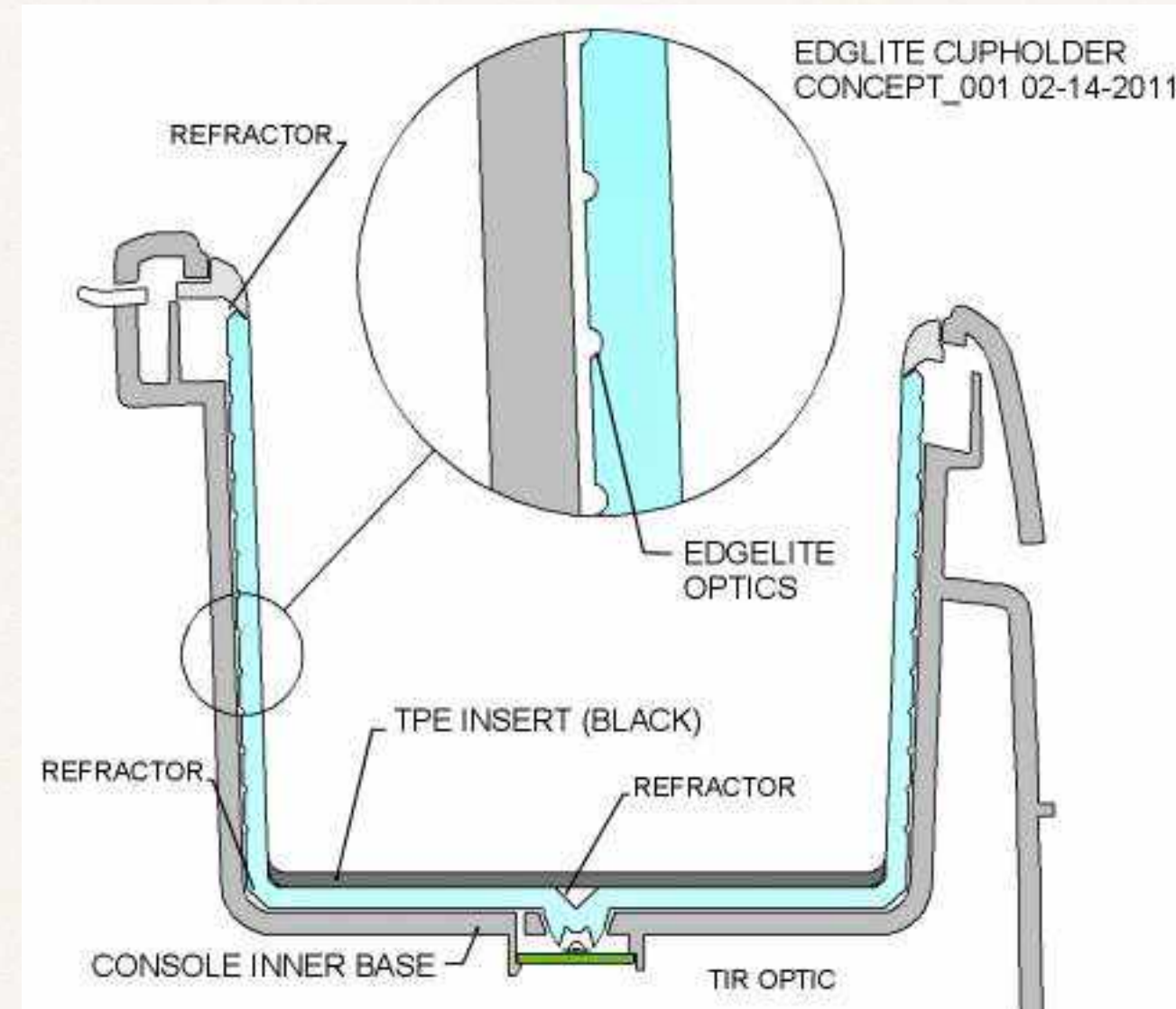
Especially to use **color** to enhance a products value and communicate a message



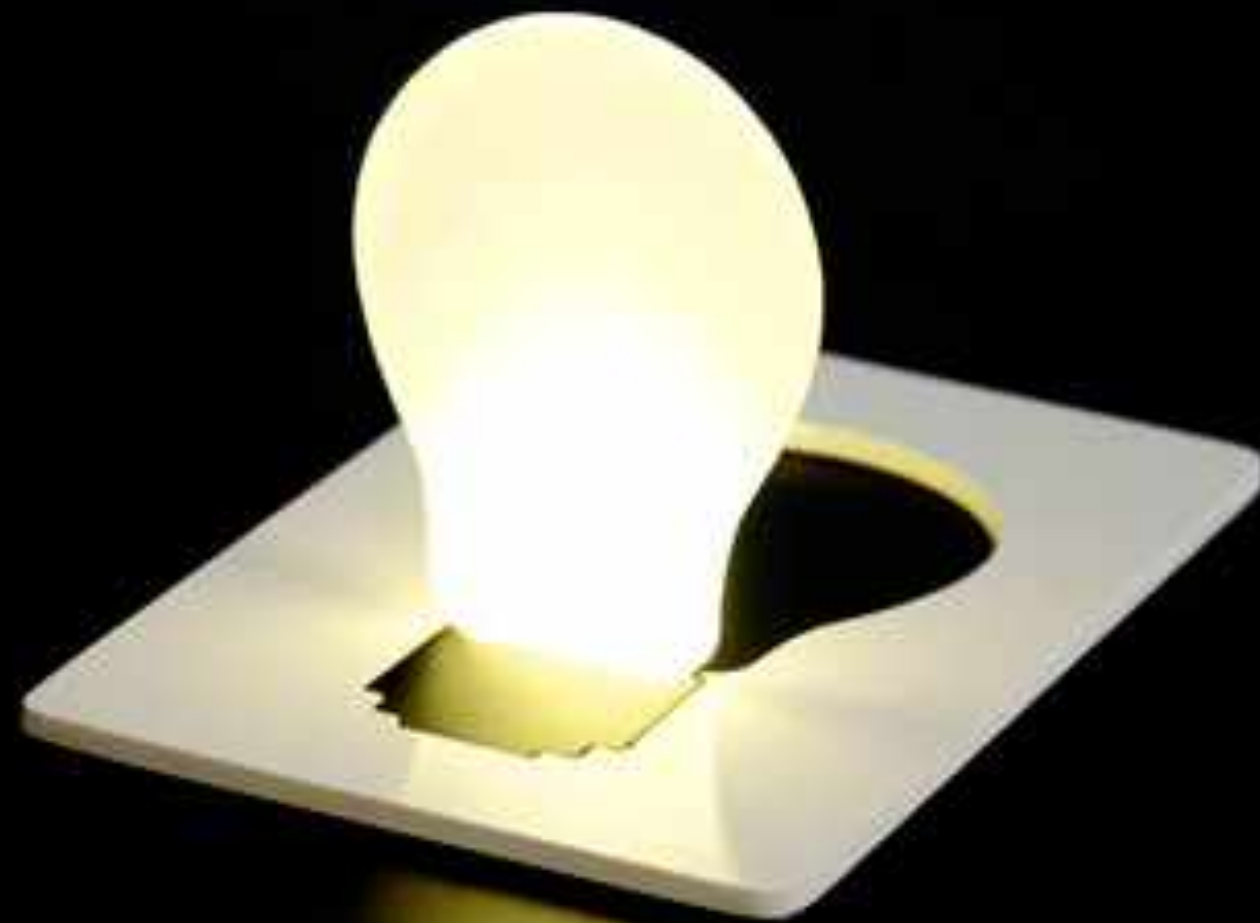
Not afraid to take design risks



First ever—total reflectance illuminated cup holder adding new dimensions with light for interiors.



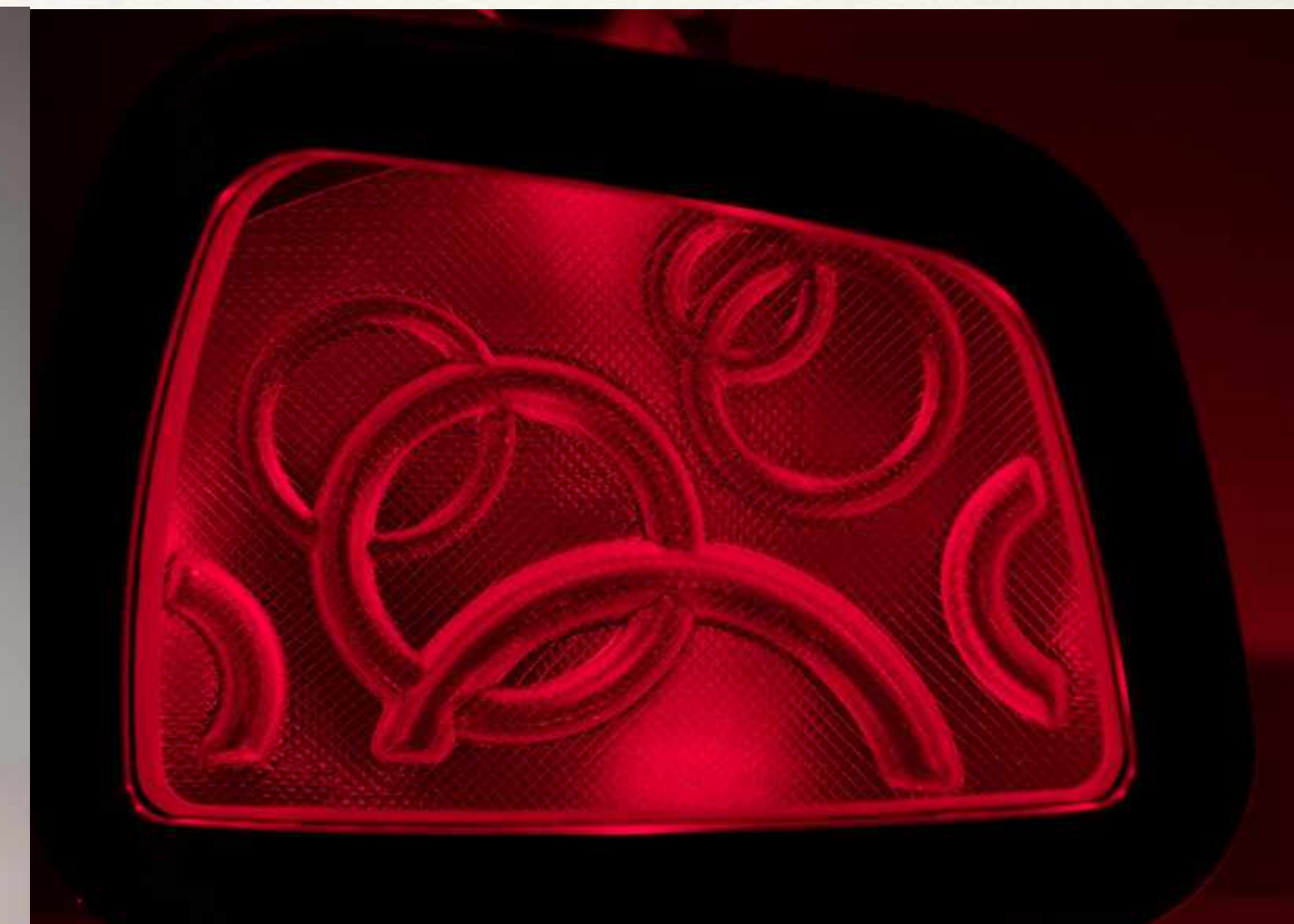
Or look beyond traditional
illumination ideas



First ever—using 3M's microstructure film to create new looks and designs for rear exterior lighting in cars.



Uniform



Branded & Styled

Seeing opportunities to
advance Lighting



Or assisting a automaker with innovation
lighting design for the future



How?
did a revolutionary new optics and LED technology help DaimlerChrysler help solve an innovative lighting problem?



Fully loaded and ready to go.








Solution?
advanced optics design using **conceptdesignlighting** LightJet technology!



Conceptdesignlighting
The Future of Vehicle Design and Development

Exactly. "Add light where you want it"

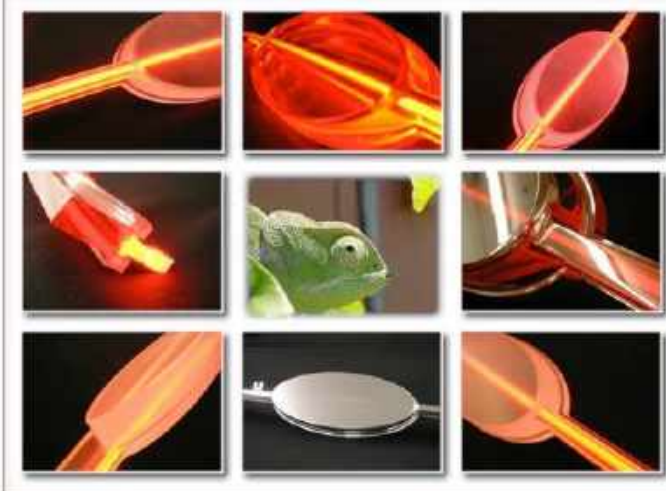

Now more than ever involving **conceptdesignlighting** for your advance lighting needs can illuminate your mind and your products.

Innovation-in-design, illuminated door handles that appear on the 2006 Ford Super Chief concept vehicle

How can we help you?

Conceptdesignlighting
The Future of Vehicle Design and Development

Chameleon.





Advanced LED Light Guide technology that can give your concept **M A N Y** different looks!

How can we help you?

Conceptdesignlighting
The Future of Vehicle Design and Development

When GM needed some creative lighting horsepower, they looked to **conceptdesignlighting** for answers.



WANT creative design? Bleeding edge lighting technology? Fast integration? Amazing results?

Find out why GM, Ford, DaimlerChrysler, Special Projects, Inc. Stewart Reed Design, Visteon, Lear, Audi Volkswagen and others have used **conceptdesignlighting** for concept design integration

How can we help you?

Conceptdesignlighting
The Future of Vehicle Design and Development

Concepts that **will** lead to reality



More Creative Approaches



Light guides that look like neon?
Let us help you take new technology and turn it in to a work of art. We have technology and approaches that make results!

How can we help you?

Conceptdesignlighting
The Future of Vehicle Design and Development

My work tells the story. 1995 to 2018, (26) years of global lighting **innovation**



DESIGN

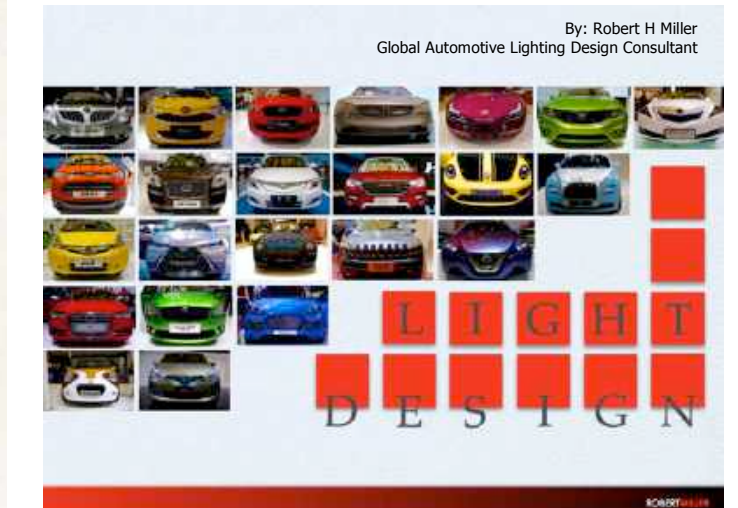
Guest Speaker–presenter, author of numerous lighting papers, here are some of them ...

- ~ ArtCenter – California
- ~ Center for Creative Studies – Detroit
- ~ Wards Automotive Conference – Dearborn
- ~ Interior Motives – Koln, Germany
- ~ Interior Motives – Beijing, China
- ~ Interior Motives – Shanghai, China 2012
- ~ Driving Vision News (DVN) – Shanghai, China 2013
- ~ DVN – Paris Workshop – 2014
- ~ DVN – Seoul Korea – 2014
- ~ Ford Advance Lighting Innovation Expo – Dearborn, MI – 2014
- ~ DVN – Keynote, Shanghai, China 2015
- ~ DVN – Keynote, New Delhi, India 2016
- ~ IQPC – Advanced Lighting – presentation, Stuttgart, Germany 2017
- ~ DVN – Keynote Shanghai, China 2017
- ~ IQPC – Stuttgart Germany, 2018
- ~ Car Design Dialogues Europe & Asia 2021 (virtual)
- ~ Driving Vision News (DVN) Paris January 2022 (Future Keynote)



Highlights of 2014 Shanghai International Automotive Industry Exhibition

Innovation with Lighting Designs
Prepared for Driving Vision News (DVN)



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cardesignnews



I see my role as a Plate Spinner who sets in motion new ideas and trends with lighting...



Creating innovation and design excitement, articulating global lighting trends, establishing OEM design relationships, working with them to establish the technology. I help OEMs to first embrace lighting innovation and to use it to design products for interior and exterior vehicle production.

Often, I'm asked to return to give the plate another spin with new lighting ideas and development. The circle of design continues.

I do it all with a smile, a lot of passion, and a sense of humor.



I don't limit my imagination, I embrace it.
I live by Einstein's quote...

“Logic will get you from A to B.
Imagination can take you everywhere”

~ Albert Einstein



In May 2016, I combined my talents with Pacific Insight as their Sr. VP of Advance Design and Innovation.

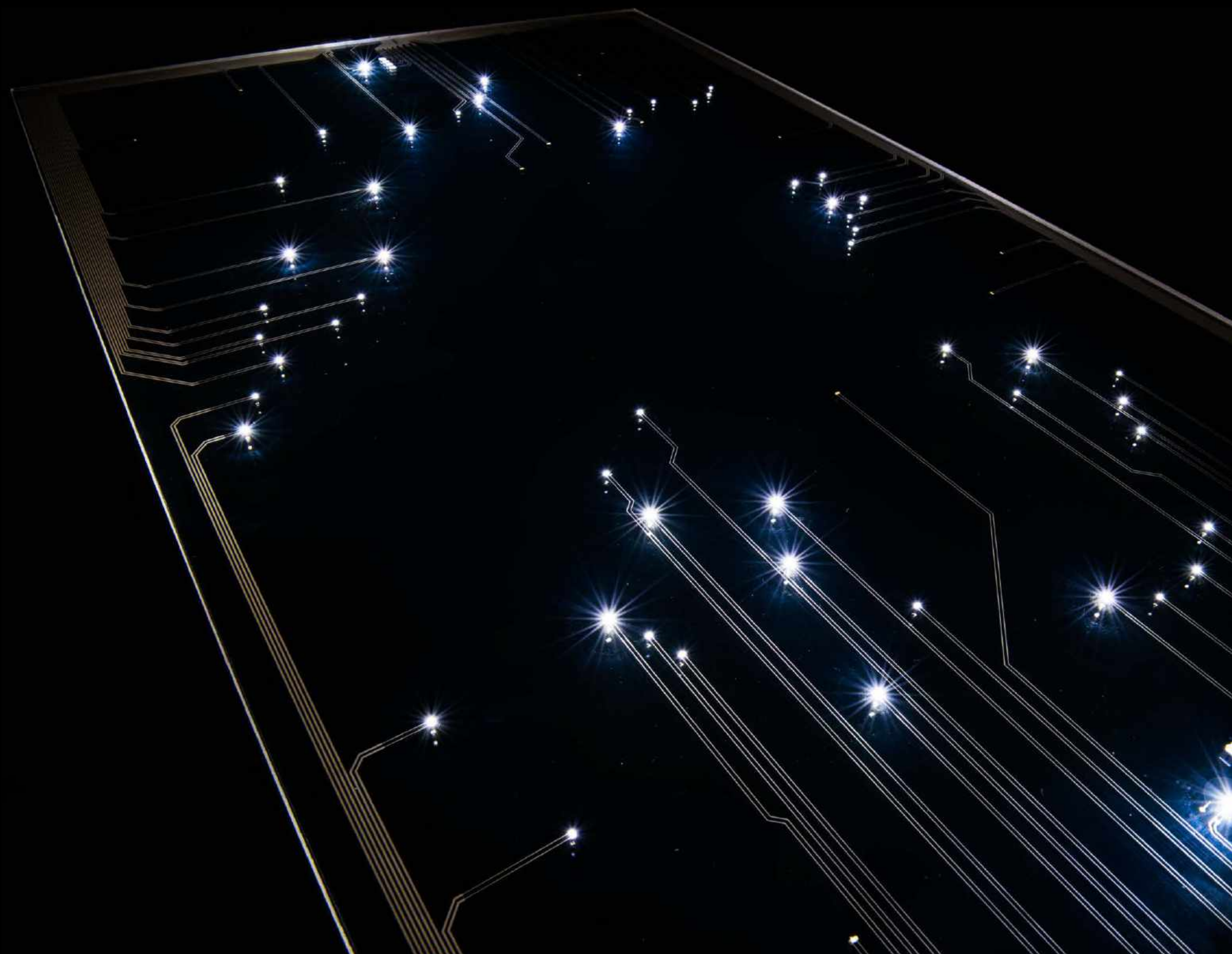


Together, we created some amazing innovative technologies and helped define the next generation of lighting



Ambient | Functional | Safety

Like the world's first integrated dynamic LED illuminated sunroof





And the world's first
integrated LED matrix
laminated in-glass

Furthering these technologies
and designs for ride sharing
and autonomous applications

Developed exterior mirror
full-animation and color projection





Developed flexible, silicone logos and flexible backlights for seating applications



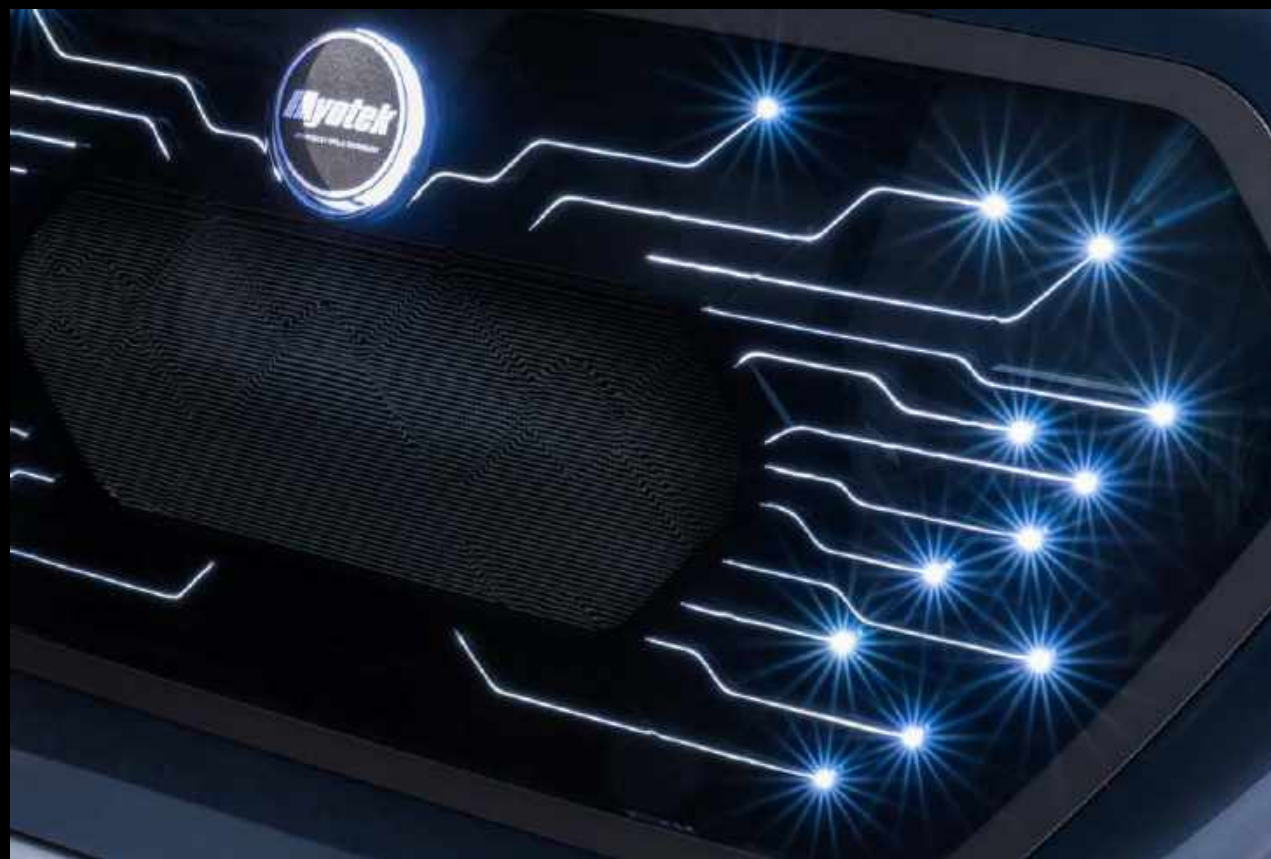
Integrated welcome-exit lighting
concepts for use in future autonomous
and ride-share applications



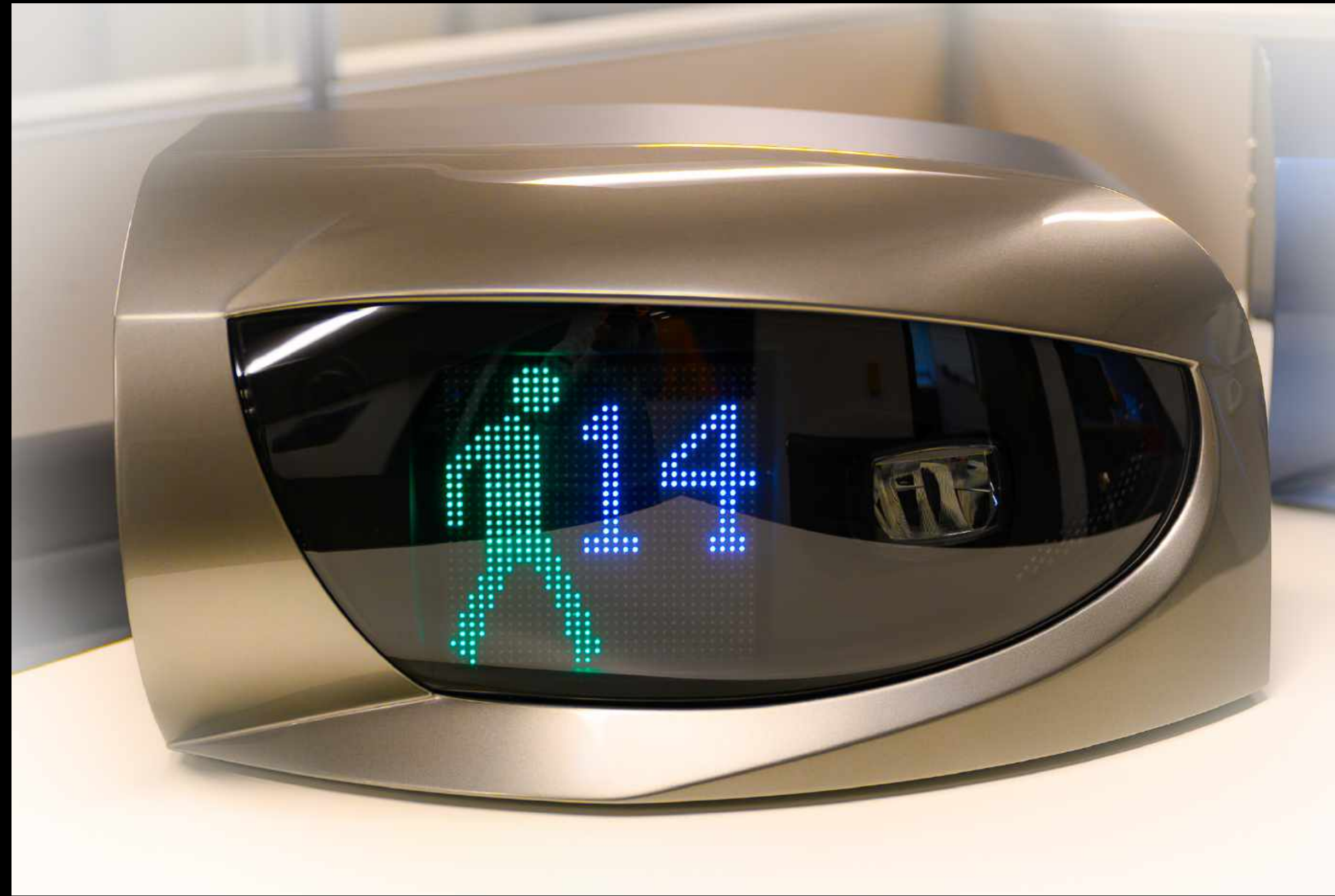
Integrated clear electronics with LEDs into polycarbonate and created next-gen interior center consoles



In 2019, I joined Myotek Holdings and led their Advanced Design and Innovation Team. We achieved great results.



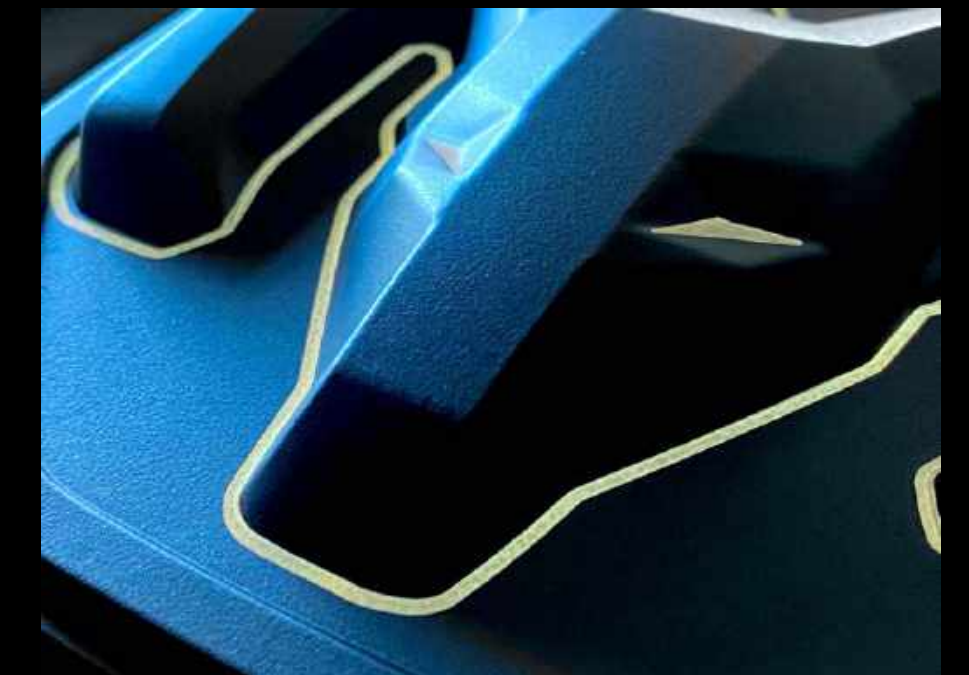
EV Grille design



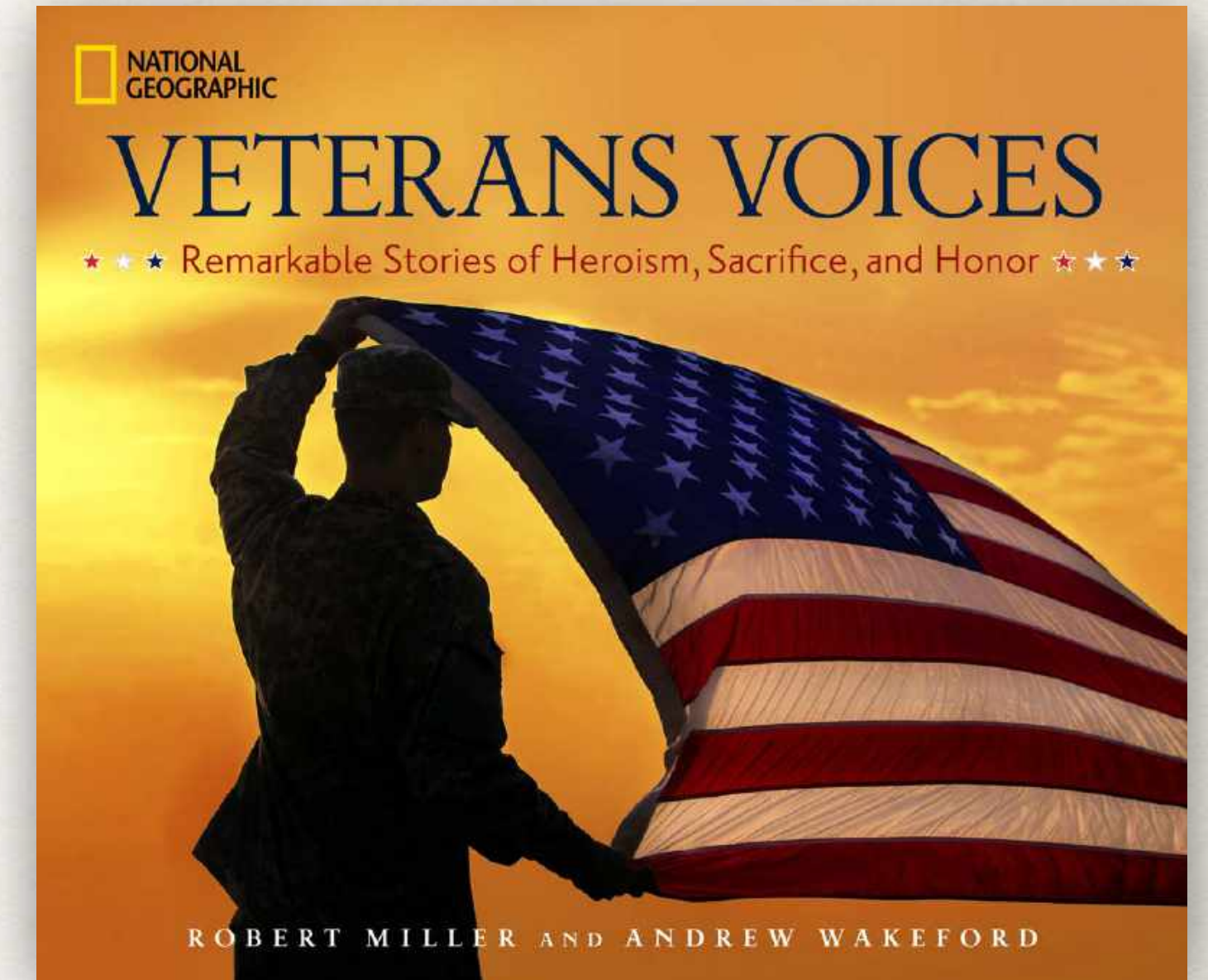
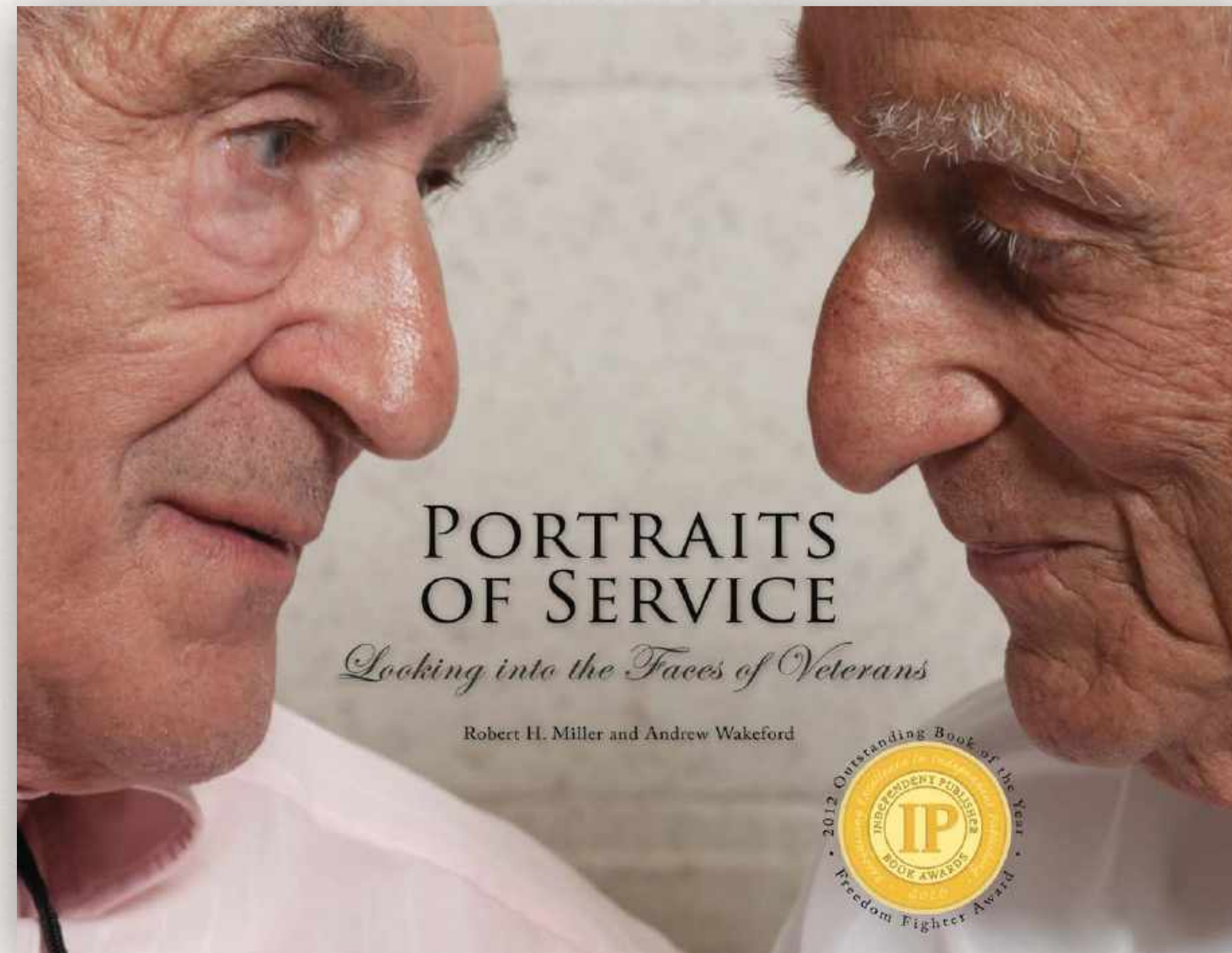
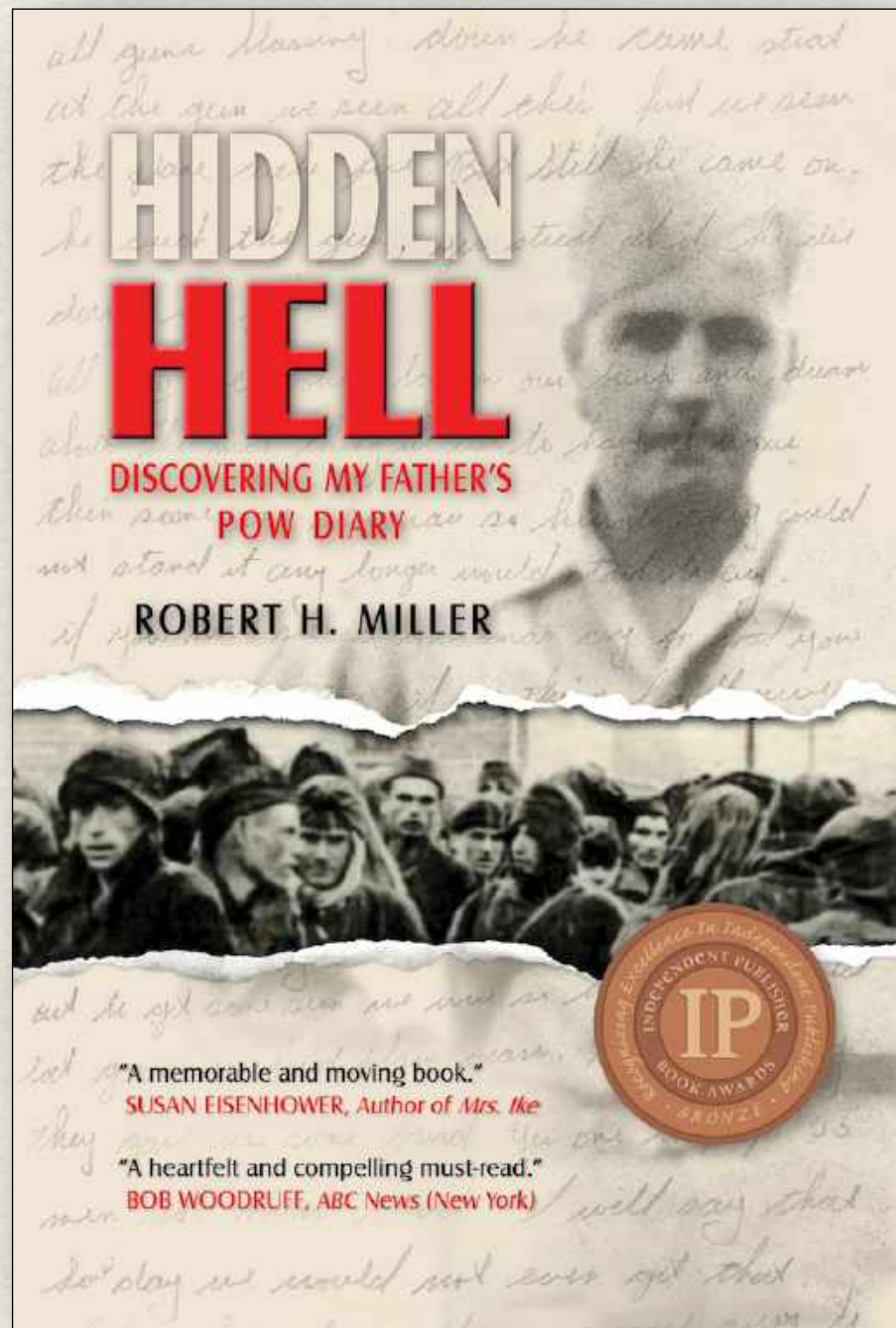
Pedestrian Communication Fog Lamp



Illuminated Badging



My other passion is writing & photojournalism, with two award-winning books published.



Hidden Hell, Discovering My Father's POW Diary

2012 Independent Publishing Award:
Bronze Medal, Biography

Portraits of Service

2012 Independent Publishing Award:
Most Outstanding Book 2012



But just don't take my word for it, here's what other's are saying ...

"All I can say is, I wish there were more professional resources like Robert Miller who can be brought on a critical project and know the results will be fantastic! Robert has a profound knowledge of lighting and the unique value it can add to any application. The breakthrough GM - EN.V vehicles for the Expo-2010 World's Fair in Shanghai, China was a project Robert can be proud of. His contribution was critical to the success. I value Robert as a friend and as a technical partner. He has my recommendation and my professional respect."

Dan Darancou

Former GM Design Lead and now
Chief Designer at CH Auto, Beijing

"I've worked with Rob on three technology demonstration vehicles over the past four years ... showcasing automotive interior and exterior illumination product concepts. Rob combines a deep knowledge of lighting technology ... including functional, aesthetic, and emotional lighting attributes ... with an innovative spirit and enthusiastic approach. Rob delivers amazing results and is a delight to work with."

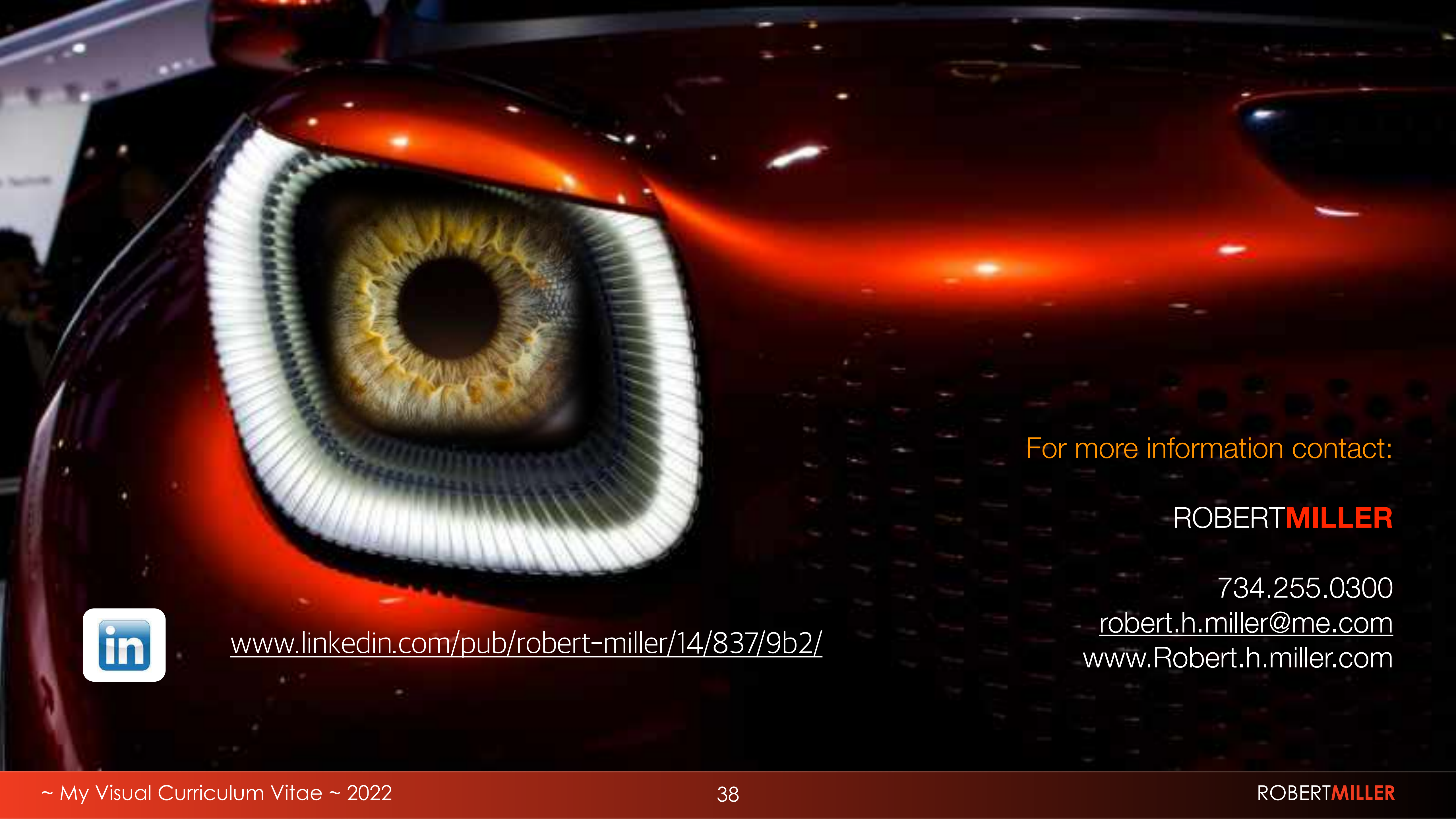
Mark Jarvis

Innovation Manager for North America
and Asia at Visteon Corporation

"Robert has an extensive network of contacts accomplished in their respective fields. His professionalism and perseverance is world class. I would expect the results of any endeavor he engages to be representative of these qualities."

Michael Strazzanti

Owner Isatec/ComCorp Technical Center



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www.linkedin.com/pub/robert-miller/14/837/9b2/



Wliwni Na somi saisai
 Makasih Shukran
 Muhiway su
 Chjoonta Há' neng cen
 Dziaakuju Vandanegalu Kiiitoksia
 Dank je
 Komapsumnida Day fon
 Chyeju gaba sai Grazcha
 Ua tsaug ntau Oookini arigatou
 Tawdi
 Ashoge Tusan takk
 Rekhhmet Mwebare
 Juspajarana Saeamat kimo
 Meda wo ase
 Mandhenge Today Faleminderit
 Danke schön
 Efharisto poli
 Go raibh maith agaibh
 Detelpai
 Thawerapsaw
 Nasima Bai-ka-way
 Aabhar
 Ozaasro dhanyabad
 Eskerrik asko
 Grazias
 Takk fyrir
 Thank You
 Gyalailaa Merastawhy
 Sipas dikim Doh je
 Kúta'uri Jag tseker
 Yáuwá Hwala vam
 Mauliate