

Optics Design for Street and
Roadway

StreLuma

Street Luminaire Art

Streluma

"We are an optical engineering studio focused on designing optical systems for street lighting."

Our Specialization

We work closely with luminaire manufacturers over the long term, developing customized optics that deliver high-precision solutions for street-lighting applications. As a trusted external partner, we step in for specialized projects or provide technical support during development peaks, collaborating directly with your internal optical design and product teams to review and refine designs—enhancing performance, manufacturability, and cost-effectiveness.

Solutions

Precision Optics for Street Luminaires - Custom-designed optics tailored to your luminaire's geometry and application.

Early-Stage Design Support - We validate concepts and define the optimal optical strategy from the start.

Upgrading Existing Luminaires - We improve current products through better optics—custom or commercial.

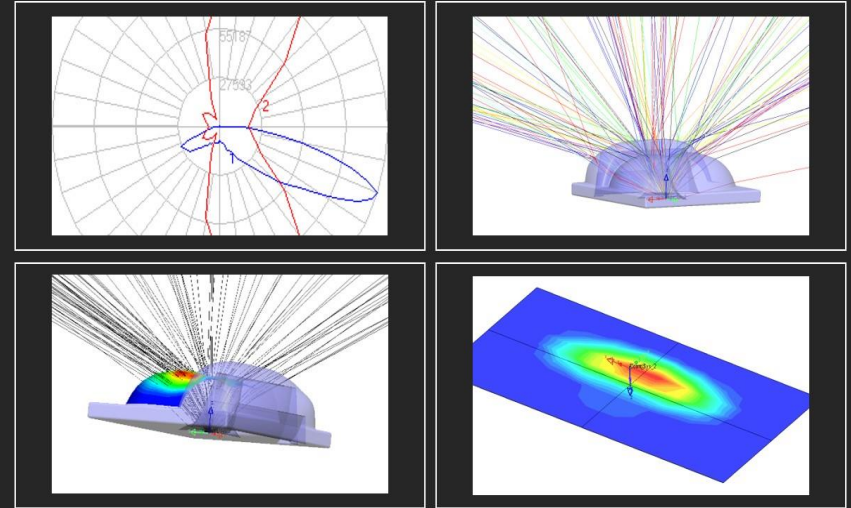
Collaboration - We support your design or product team to refine optical performance and manufacturability.

Problem-Solving and Optimization - We analyze photometry, identify issues, and propose targeted design improvements.

Specialized Support - We advise on materials, design principles, and simulation to enhance your in-house capabilities.

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Mexico



Experience

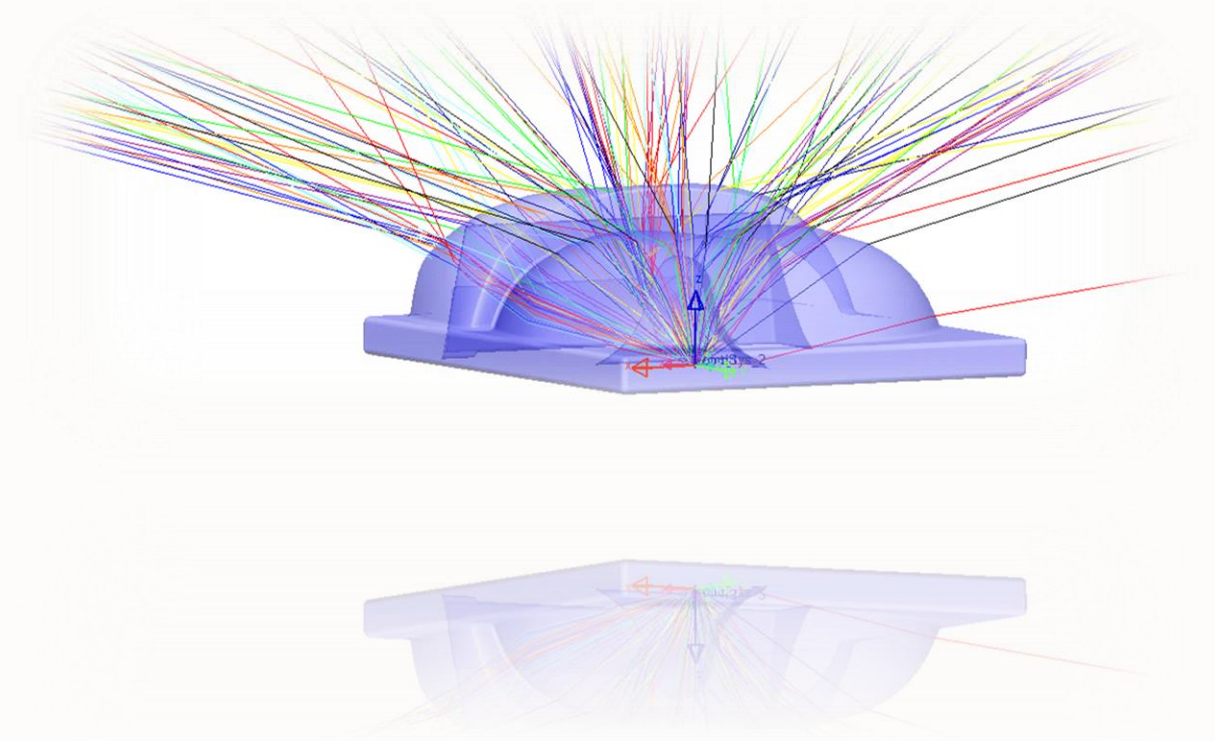
With a background in both designing and real-world streetlighting applications, Streluma supports manufacturers who seek to improve product performance, visual comfort, and compliance with international standards such as IESNA and EN13201

- Designer with 20+ years of experience engineering optics for streetlighting
- Technical expertise in lens and reflector design
- Proficiency with client-owned simulation tools (LightTools, Speos, Zemax)
- Experience collaborating with international teams (US, EU, LATAM and China)
- Deep understanding of performance, regulations, and lighting context

ABOUT US

We are an optical engineering studio built on both technical precision and human-centered design – to support the development of optical systems for street luminaires.

We ally with luminaire manufacturers to co-develop high-performance optics—supporting them in creating luminaires that inspire trust and differentiation in the market.



PHILOSOPHY

We believe optical design should serve more than performance—it should serve people.

WHAT WE DO

We act as a long term trusted optical design partner for luminaire manufacturers, helping them develop their own custom optics delivering precise, and compliant solutions tailored to streetlighting applications.

SOLUTIONS

Focused on innovation in optics for comfortable street lighting

MARKET

Primarily aimed at companies that want to design and manufacture their own High- Precision Optics for Street luminaires

SOLUTIONS

Optical Design

Precision Optics for Street Luminaires

We design custom optics from the ground up—fully adapted to your luminaire's geometry and application.

Early-Stage Design Support

We assist during concept development by validating ideas and defining the optimal optical strategy.

Upgrading Existing Luminaires

We help identify opportunities to improve current products through better optics, whether using custom solutions or high-quality commercial components

Technical Support

Collaboration

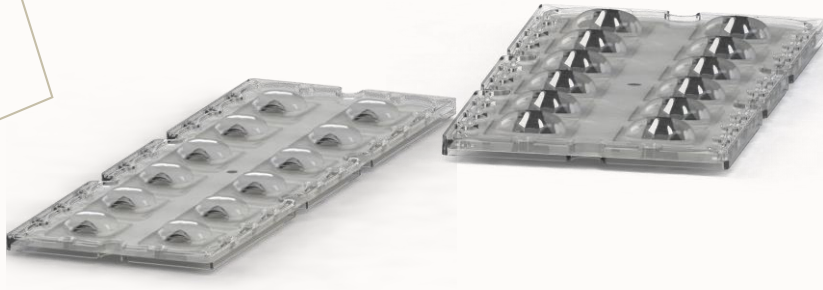
We collaborate with your internal optical engineering or product development teams to review and refine optical designs for better performance and manufacturability.

Problem-Solving and Optimization

We analyze photometric test results, diagnose optical issues, and suggest corrective design actions that align with your lighting goals

Specialized Support

We can provide your team with technical orientation on optical materials, design principles, and simulation to strengthen your in-house capabilities.



EXPERIENCE

Background

With a background in both designing and real-world streetlighting applications, Streluma supports manufacturers who seek to improve product performance, visual comfort, and compliance with international standards such as IESNA and EN13201

Collaboration

We partner with design and development teams to bring precise, human-centered optics into every lighting project.

Capabilities and Strengths

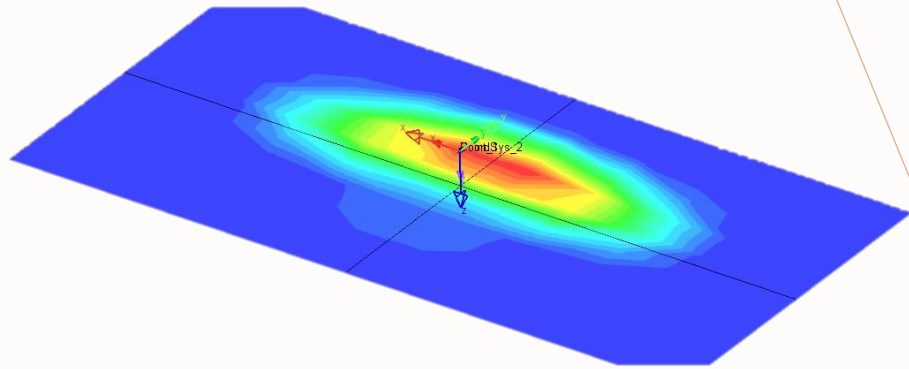
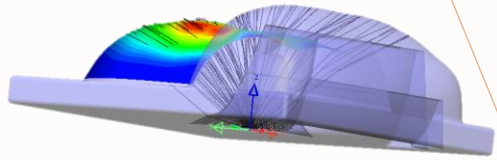
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BENEFITS

Access to specialized optical expertise **only when needed**,
no need to maintain a full-time engineering team

A long-term design ally with external perspective who
works in close collaboration with your internal optical
team

Expertise focused exclusively on street lighting optics,
bringing strategic insights and competitive advantages



SUMMARY

At Streluma, we genuinely enjoy designing optics. It's what drives us.

We approach every project with care, precision, and the belief that good lighting can improve everyday life.

As an independent optical design partner, we offer a reliable and experienced collaboration—ready to support your team with focus, flexibility, honesty and deep technical understanding.

DO WE SHARE THE SAME VISION?

From our base in Mexico, we collaborate with teams across different regions. We value clear communication, adaptability, and making every step of the process feel simple and connected — wherever you are.

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