

FIRST LIGHTING SOLUTION PLATFORM



WHO WE ARE

SLE is the world's first lighting solutions platform for architects, lighting designers, project companies, suppliers, researchers, and brands.

We connect professionals to operate in various applications like retail, industry, street, office, education, and architainment across Europe.



SLE: THE PLATFORM

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"We provide **complete smart lighting solutions** and offer methodologies, services and tools via professional network, which makes the innovative lighting solutions for our partners easy to sell, simple to implement and beneficial to use."



Manfred Raffler
Managing Director, SLE

WHAT WE DO

.....

We support project partners through the **complete value chain** from acquisition to successful promotion of the project.

By doing so we offer a complete business package, as well as particular complementary services, allowing project participants to concentrate on their market and customers.



HOW WE DO IT

.....

We provide **exclusivity** and **project protection** via an exclusive market-leading portfolio and through organised **professional sales channels** within the alliance.



METHODOLOGY

RESEARCH AND LIGHTING TRENDS

We follow methodologies where we apply the latest **lighting trends** and innovative technologies to provide the best lighting solution.

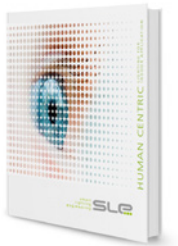
Benefit from proven results, focusing on health, wellbeing and sustainability!



LIGHT & PSYCHOLOGY



HUMAN CENTRIC LIGHTING



LIGHT & SAFETY



ENERGY SAVING

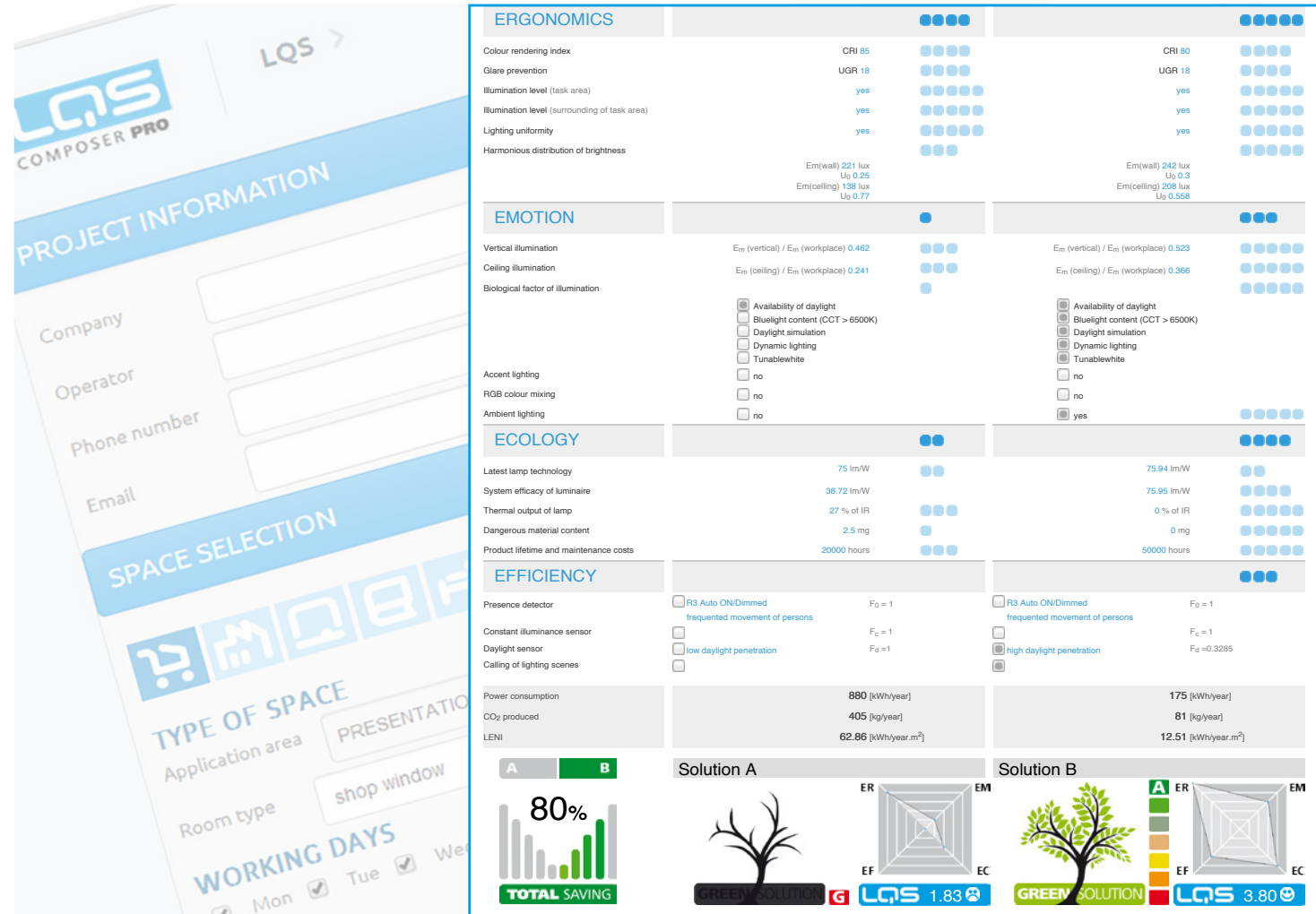


METHODOLOGY

LIGHTING QUALITY STANDARD

We have developed our own software tool LQS Composer PRO for the assessment of lighting solutions quality, based on 20 quantifiable criteria.

The result is a clear and comprehensive assessment of every aspect of the solution according to normative and LQS standards.

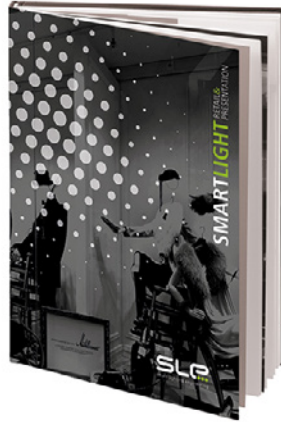


METHODOLOGY

SMART LIGHT

We describe ideal lighting concepts as a guide for investors, architects, and designers.

Easy to understand, we explain the latest lighting trends, design factors, and outlines how to create each solution based on desired or specified light quality.



RETAIL



INDUSTRY



STREET&URBAN



OFFICE



EDUCATION

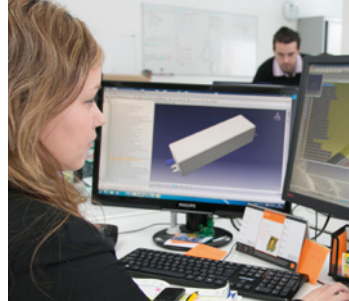


ARCHTAINMENT

SERVICES

RESEARCH & DEVELOPMENT

Realise your own ideas by combining technological possibilities with ideal lighting characteristics and your individual design.



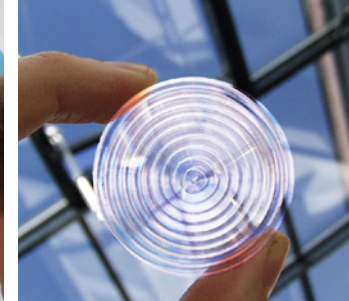
Product development request
Technical & commercial negotiation & agreement
Development stages
Product completion & certification
After-sales services

FULL LUMINAIRE DEVELOPMENT



Design research
Concept & product design
Product & brand promotion

INDUSTRIAL DESIGN



Optical system development
Reflector & parabolic louvre design
Refractor & diffuser design
Lens development & tooling

OPTICAL DESIGN



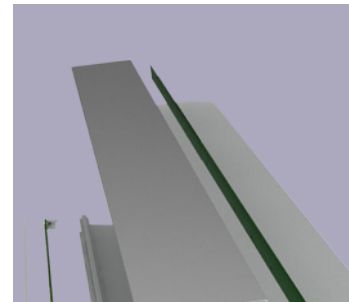
Thermal simulation
CFD analysis
Thermography

THERMAL DESIGN



Hardware design
Firmware design
Software design
Labware design
Electronic design review

ELECTRONIC DESIGN



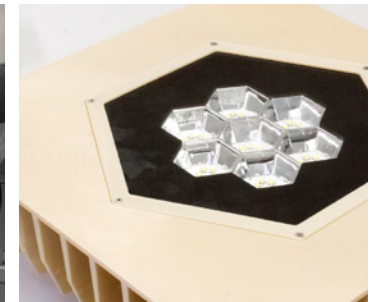
Sheet metal design
Aluminium die cast & extrusion design
Aluminium forging
Mechanical analysis

MECHANICAL ENGINEERING



Optical laboratory
Thermal laboratory
Electronic laboratory
Mechanical laboratory

MEASUREMENT & TESTING SERVICES



Mock-ups & prototypes
3D printing
Electronic prototypes

PROTOTYPING

SERVICES

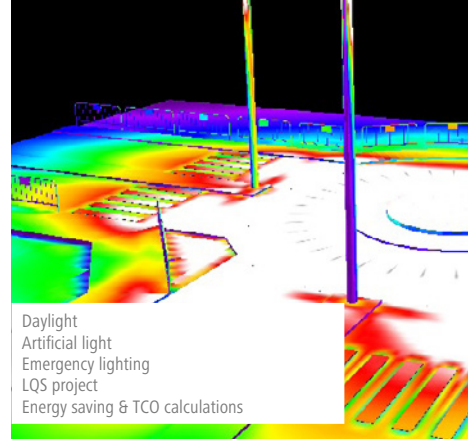
LIGHTING PLANNING & REALISATION

Take advantage of our lighting design studio with a wide range of key services for efficient and professional project planning and realisation.



- Audits
- Energy certification & recommendations
- Specification of solution

PROJECT SPECIFICATION



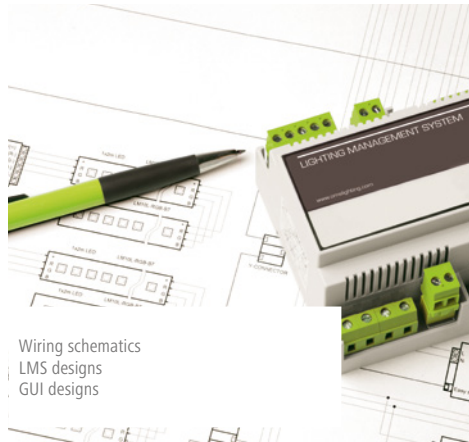
- Daylight
- Artificial light
- Emergency lighting
- LQS project
- Energy saving & TCO calculations

LIGHTING CALCULATION & OPTIMISATION



- 2D & 3D visualisations
- Video simulations
- Functional mock-ups
- Sample installations

VIZUALISATION



- Wiring schematics
- LMS designs
- GUI designs

PREPARATION OF TECHNICAL DOCUMENTATION



- Removal & recycling of old installations
- New wiring installations
- New lighting installations
- Final adjustment
- Commissioning & programming

INSTALLATION



- Lighting measurements
- Energy consumption measurements
- Luminaire administration & maintenance
- Helpdesk & online support

AFTER-SALES SUPPORT

SERVICES

SALES

Increase your competitiveness and get visible on the global market with a powerful set of differentiating sales support.



Exclusive portfolio of market-leading luminaires & control systems
Guaranteed compatibility & full-system warranty
Project protection
Technical product materials

EXCLUSIVE PRODUCT PORTFOLIO



Joint securing of international projects
Local to global business development

ACQUISITION SUPPORT



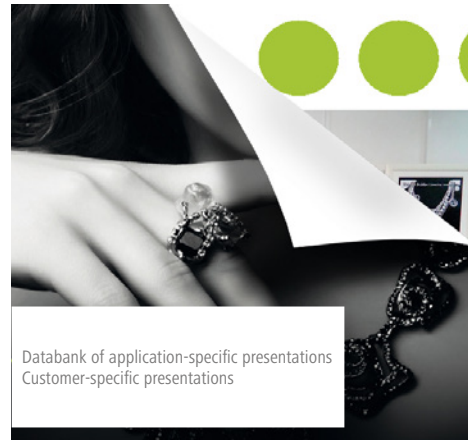
Cost of ownership & payback
Leasing

FINANCIAL SERVICES



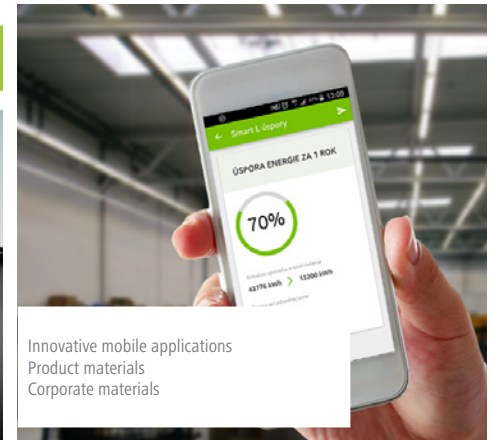
Scaled mock-ups of real applications
Realistic presentation of solutions & lighting effects
Direct demonstration of control systems

LIGHTING SOLUTION MODELS & MOCK-UPS



Databank of application-specific presentations
Customer-specific presentations

PRESENTATIONS



Innovative mobile applications
Product materials
Corporate materials

SALES TOOLS

SERVICES

MARKETING

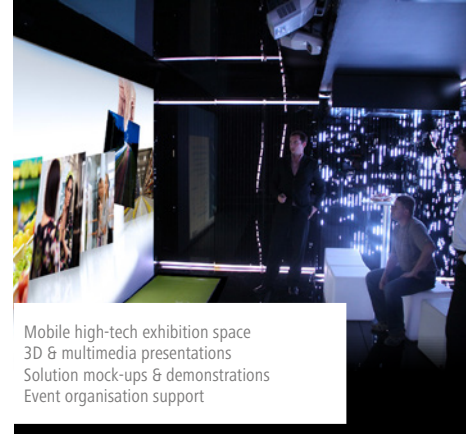
Increase your business awareness and maintain a strong presence on the market.

We promote your work online, in print media, presentations, models, at exhibitions and trade fairs.



Attendance & preparation support
Active participation of SLE specialists & speakers
Development
& construction of exhibition stands

EXHIBITIONS, CONFERENCES
& TRADE FAIRS



Mobile high-tech exhibition space
3D & multimedia presentations
Solution mock-ups & demonstrations
Event organisation support

MOBILE EXHIBITION SPACE



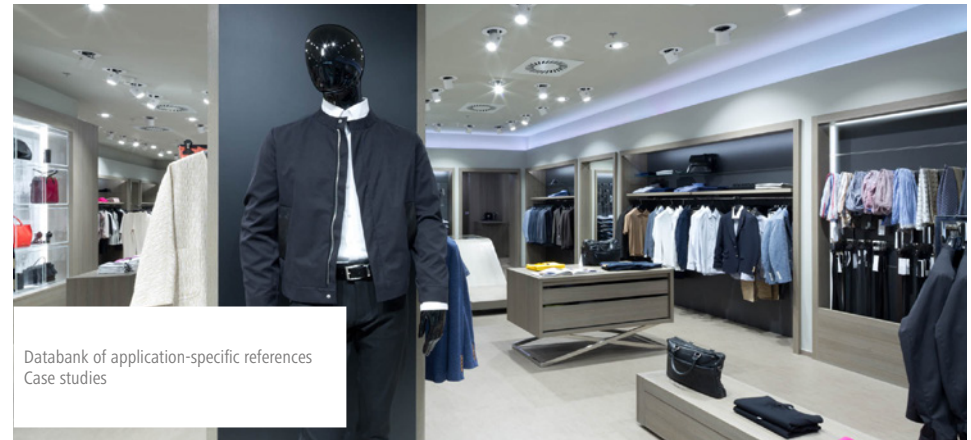
Email communication & newsletters
Social networking
Advertising & promotion
Research

COMMUNICATIONS



Development of partner corporate materials
Creation of videos & websites
Translation
Printing support

GRAPHIC DESIGN



Databank of application-specific references
Case studies

SOLUTION REFERENCES

WHY SLE?

.....
We deliver complete lighting solutions and services – all out of one hand.

Everything you need can be found at just one place!

Join us and become a part of the revolutionary platform for collaborative success!

- ✓ *Complete innovative lighting solutions*
- ✓ *Exclusive methodologies, tools, and services*
- ✓ *Strong professional alliance*
- ✓ *Gateway for new ideas and technologies*
- ✓ *Global access to the market*
- ✓ *Synergies within the network*

SOLUTIONS

SMART PETROL STATIONS

STIMULATING SUPERMARKETS

SMART MIRROR

DYNAMIC SHOP WINDOWS

HUMAN CENTRIC OFFICE

SUSTAINABLE FACTORY
AND WAREHOUSE

INTELLIGENT ROADS
WITH CITYOWL

MODERN LIGHT IN SCHOOLS

SLE CORPORATE PRESENTATION

THANK YOU

SLE[®]
smart lighting engineering