

LIGHTING UP YOUR PROJECT



SUPPORT “FROM IDEAS TO SOLUTIONS”

Project support: From ideas to solutions

- Innovation
- Development
- Product Design
- Design for Quality and reliability
- Industrialization
- Optimization & Cost down
- Product roadmap
- Sales & Marketing
- Task force for issues



ADVANCED LIGHTING R&D

On the forefront of R&D

- LED Models
- Perception models
- Custom tools
- VLC/Lifi/LifiX
- Colorimetry
- Light & Health: Circadian
- Horticulture lighting
- Smart Lighting
- Real time color control
- Software implementations
- Public Research Programs



ARTIFICIAL INTELLIGENCE FOR LIGHTING INDUSTRY

Machine Learning & AI: a breakthrough in Lighting

- AI: Big Data / IoT data treatment & prediction
- Quality, Reliability & Anomaly detection
- Getting the most of your Smart Lighting infrastructure
Ex: Inferring AI predictions from existing sensor data (behavior prediction, anomalies, security, energy savings)
- Process control for factories:
 - Process flow optimization
 - Yield control/anomalies
 - Product categorization based on performance prediction
 - Process window predictions based on incomplete/intermediate data



KNOWLEDGE SHARING

Get up to speed with our experts

- LED Technology: From Fundamentals to Fixture (physics, manufacturing, applications, reliability, roadmap, future, system levels tricks, market)
- Lighting Generics: Colorimetry basics / Advanced colorimetry (new metrics, survival guide for colorimetry claims)
- Leading an LED Lighting project: Specificities & Best practices of LED-based Projects
- VLC (Lifi) & Wireless Digital communication, signal processing & security