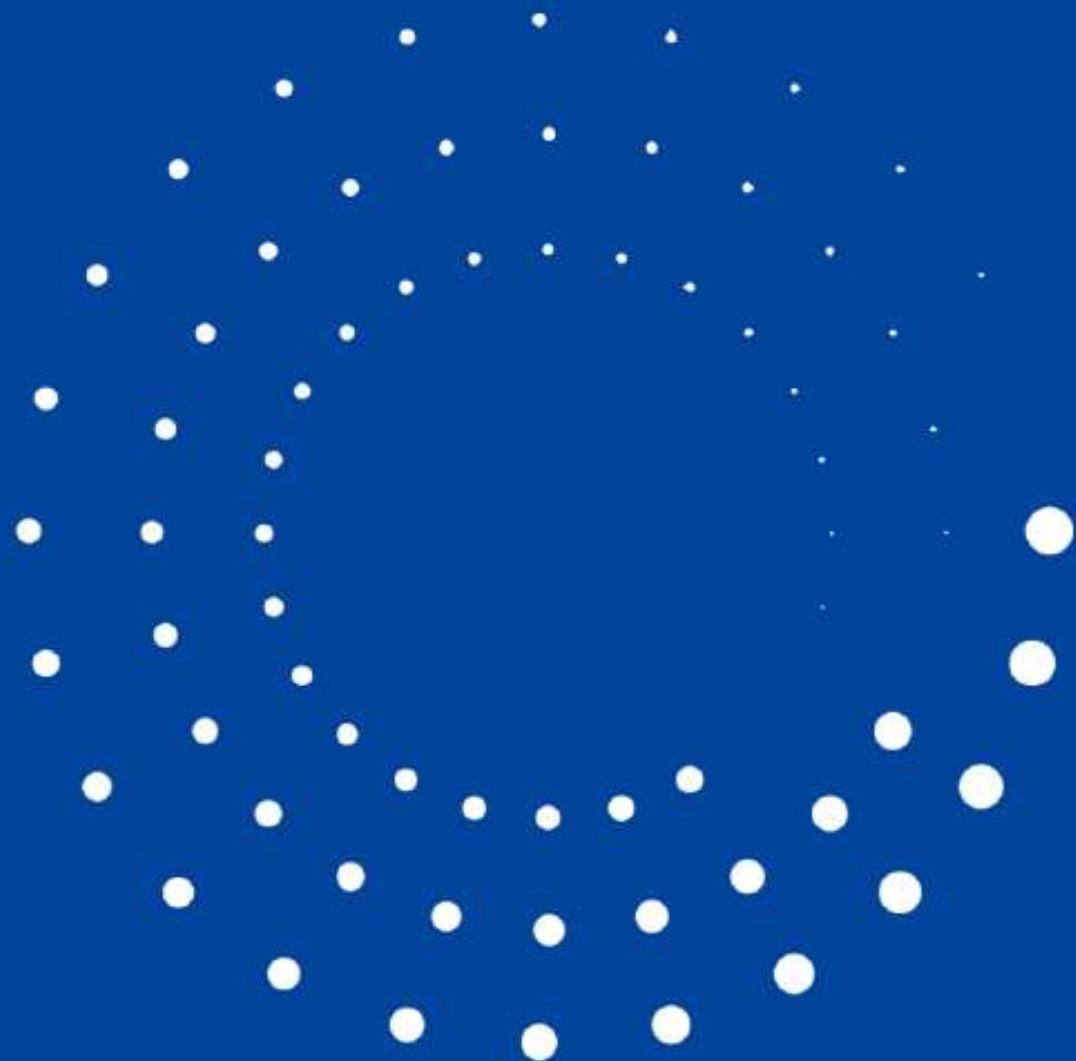


OPPLE LIGHTING SOLUTIONS

By OPPLÉ IBU



OPPLE *Smart Lighting*

**Elevated Experience for Users
Stronger Business for Partners**

Trend in Lighting



Lighting is Becoming Intelligent Infrastructure

From Illumination to Experience

Light now shapes emotion, perception and spatial identity.

From Static to Adaptive

Spaces change throughout the day — lighting must respond.

From Device to System

Lighting is no longer standalone hardware, but part of an integrated ecosystem.

OPPLE SDL Solution, Beyond Smart Lighting



OPPLE SDL is Redefining Smart Lighting

Natural & Healthy Lighting

Simulates natural daylight to support well-being, with 1800-12000K and RA97

Emotion Creation

Creates diverse moods to match different moments

Spatial Aesthetic Enhancement

Shapes spaces with versatile lighting and rich ambiance

Scenario-based Solutions– Residential



Living & Social Space

Scenario-specific Pain Points:

Complex Multi-Zone Control

Large open layouts lead to fragmented and inconvenient lighting control.

Activity-Driven Lighting Needs

Dining, relaxing and entertaining demand different brightness and color temperatures.

Unnecessary Energy Waste

Manual operation increases the risk of lights being left on.

Proposed Solutions:

Preset Scene Control

One-touch presets unify all zones into coordinated lighting scenes.

SDL or Dimmable & Tunable Lights

Flexible dimming and tunable white adapt to different activities.

Central Control & Automation

Zone off and all off function, and automation prevent unnecessary operation.

✓ Seamless Living Experience

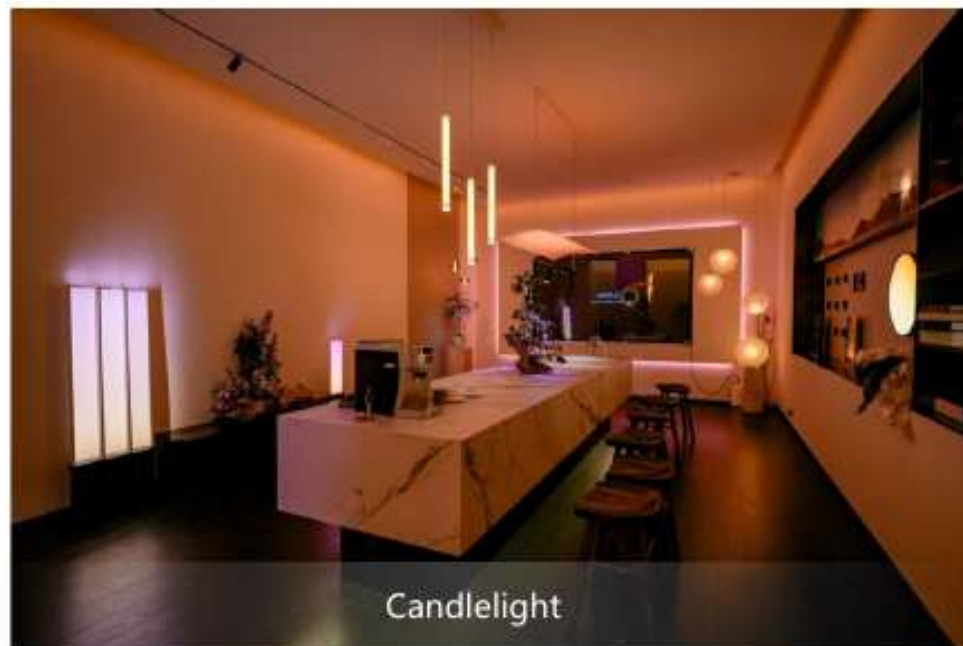
Lighting transitions naturally with daily routines.

✓ Enhanced Spatial Atmosphere

Each activity is supported by the right visual ambience.

✓ Optimized Energy Efficiency

Reduced waste leads to lower operational cost.



Scenario-based Solutions– Residential



Private & Rest Space

Scenario-specific Pain Points:

Poor Sleep Support

Lighting often fails to support relaxation and healthy sleep preparation.

Disruptive Night Lighting

Turning on bright lights at night disturbs visual comfort and sleep continuity.

Multi-Function Lighting Needs

Bedrooms serve multiple purposes — resting, reading, relaxing — requiring different light settings.

Proposed Solutions:

SDL & Sleep-Friendly Lighting Modes

SDL, combined with automation, gently supports falling asleep and natural morning awakening.

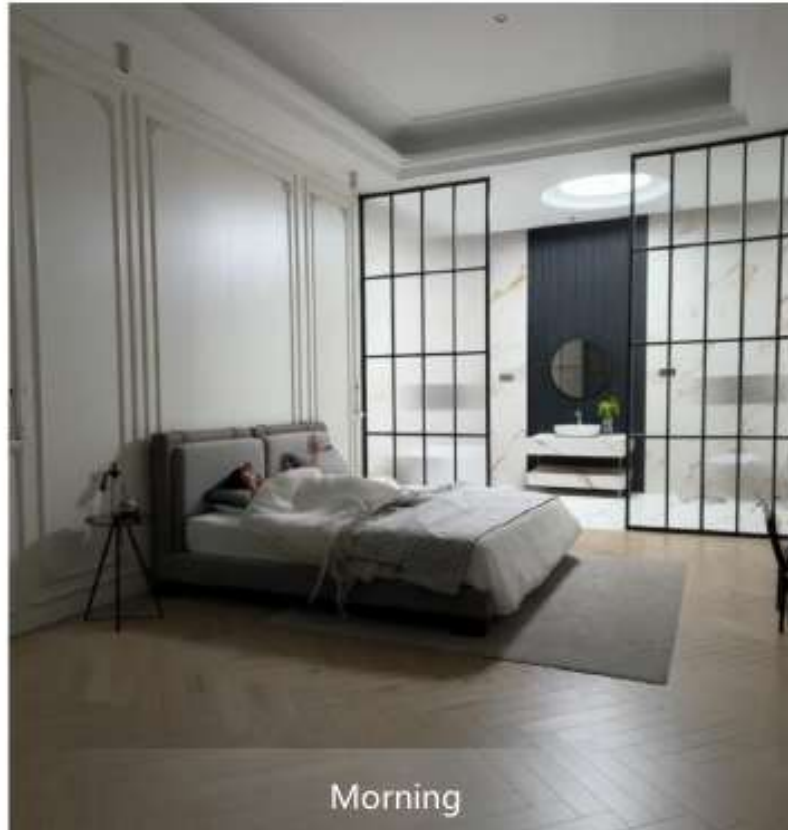
Soft Night Guidance

Low-level pathway or bedside lighting ensures visibility without interrupting further sleep.

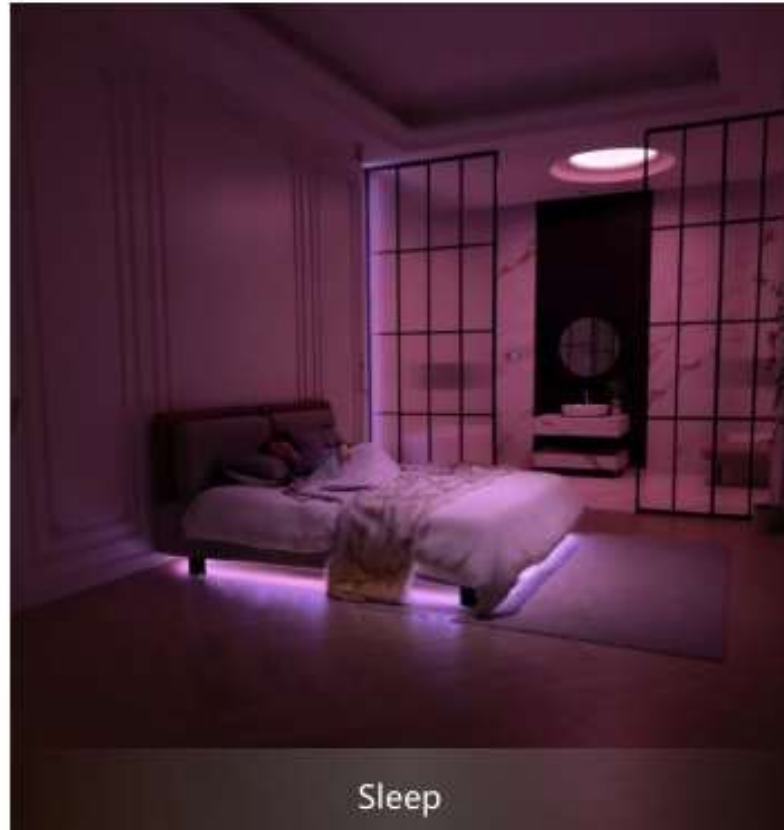
Flexible Scene Control

Customizable presets adapt to reading, leisure and sleep.

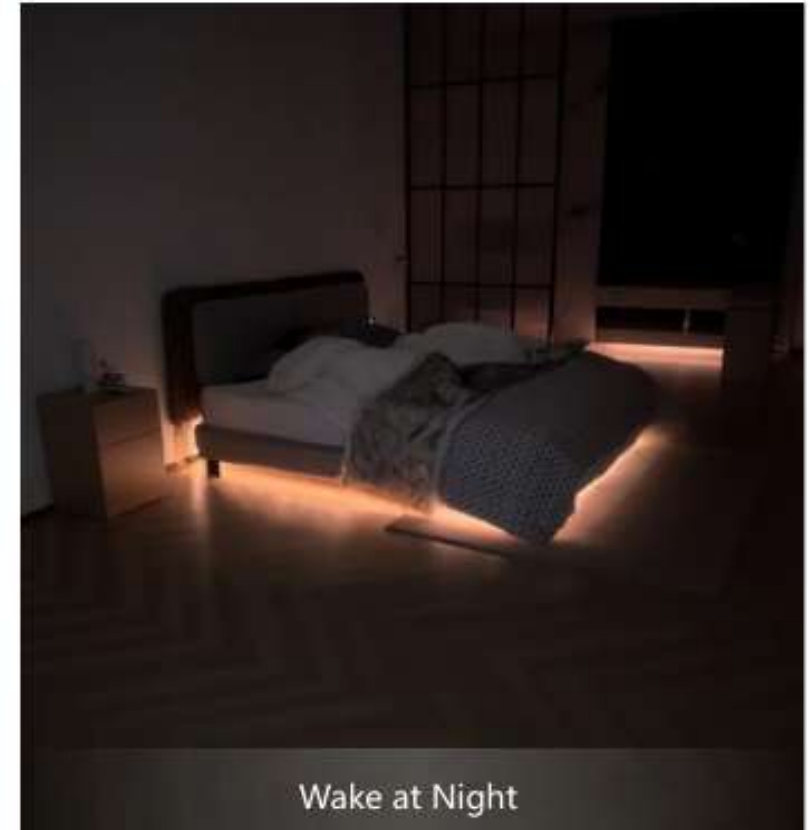
- ✓ **Improved Sleep Quality**
Lighting supports a smoother transition into rest.
- ✓ **Undisturbed Night Comfort**
Safe movement without interrupting sleep rhythm.
- ✓ **Personalized Living Space**
One space adapts effortlessly to different needs.



Morning



Sleep



Wake at Night

Scenario-based Solutions– Office



Lobby & Reception

Scenario-specific Pain Points:

Limited Spatial Impact

Large open areas often lack a distinctive visual focal point.

Insufficient Welcoming Atmosphere

Lighting fails to create a relaxed yet premium arrival experience.

Complex Area Management

Multiple zones require frequent manual adjustments.

Proposed Solutions:

SDL Skylight & Screen

Simulated blue sky and dynamic daylight create a strong architectural centerpiece.

Atmosphere Scene Presets

Different lighting moods support reception, waiting and transition moments.

Centralized Smart Control

Unified system enables effortless management of all lobby zones.

✓ Iconic Visual Identity

Lighting enhances spatial presence and impression.

✓ Elevated Guest Experience

A comfortable and inviting environment for visitors.

✓ Simplified Operations

Efficient control across large public areas.



Scenario-based Solutions– Office



Open Office Area

Scenario-specific Pain Points:

High Energy Consumption

Full-day uniform lighting leads to unnecessary power usage.

Circadian Misalignment

Constant high brightness and cool light ignore natural daily rhythms.

Limited Zoning Flexibility

Open-plan layouts lack fine control between occupied and unoccupied areas.

Proposed Solutions:

Adaptive Energy Control

Daylight harvesting and smart dimming optimize energy use.

Dynamic Circadian Lighting

Gradual CCT and intensity adjustment follow the natural day cycle.

Smart Zoning Strategy

Lighting responds to occupancy and area-based requirements.

- ✓ **Lower Operating Costs**
Measurable energy savings across large floor areas.
- ✓ **Healthier Work Rhythm**
Lighting supports comfort and long-term well-being.
- ✓ **Efficient Space Utilization**
Illumination adapts to real usage conditions.





Living Aesthetics

Our lighting provides a dynamic soft furnishing that reshapes space and mood.



Light Excellence

Enabled by SDL technology to ensure smart natural light and enhanced visual comfort.



High Security & Reliability

Encrypted communication, controlled onboarding, and structured access management



Effortless Immersion

Simple interface and seamless scene switching, automatic reactions



Energy Efficiency

Smart control together with high efficacy lights reduce energy consumption by 50%



OPPLE'S
Solution Values



Higher Win Rate

Stand out and increase success
in every project



Premium Opportunities

Unlock higher-value projects with
better margins



Distinctive Solutions

Offer unique capabilities
competitors can't match



Empowering Our Partners to Win

Smart Demo Box Display

Overseas Industrial Lighting Solution



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1

Industrial Lighting Insight

Introduction



Industrial lighting solutions are widely applied across industries such as electronics, textiles, steel, chemicals, machinery, pharmaceuticals, and automotive manufacturing. Engineered for harsh environments, they deliver reliable performance under impact and vibration, corrosive exposure, extreme temperatures, electromagnetic interference, and lightning surges.

A well-designed lighting system enhances visual comfort and safety, improves productivity and accuracy, reduces maintenance needs, and drives energy savings—ultimately optimizing total cost of ownership (TCO) and supporting sustainable manufacturing.

Insight

Challenge



1. Lighting as a Productivity & Safety Bottleneck

- 1) **Insufficient illuminance and poor uniformity** limit visibility, reducing productivity and increasing error rates.
- 2) **Glare and excessive contrast** cause long-term visual fatigue, significantly increasing operational safety risks.
- 3) **Lack of scenario-based zoning** limits lighting efficiency optimization, due to complex industrial environments drive diverse requirements across different zones.



2. High Energy & Maintenance Costs: Uncontrolled TCO

- 1) **Low efficiency and long operating hours**, combined with **limited smart controls** drive excessive energy consumption and prevent carbon reduction progress.
- 2) **Harsh industrial conditions** accelerate failures and raise replacement and high-bay maintenance costs.
- 3) **CAPEX (Capital Expenditure) , OPEX (Operational Expenditure) , and downtime** make TCO unpredictable and ROI difficult to justify.

Trend

Industrial lighting is evolving from basic illumination to an integrated system that enhance operational safety, improve productivity, and optimize energy and lifecycle costs.

2

Factory Scenario- based Solutions

Opple' s Value Proposition



We deliver scenario-based industrial lighting solutions that enable safe productivity and optimize TCO through efficient and reliable lighting.

Scenario-Based Solutions: Key Application Scenarios



A: Production Area

- Primary Processing
- Precision Machining
- Assembly



B: Warehousing Area

- Inbound/Outbound
- Storage
- Packing/Sorting



Scenario-based Solutions: Production Area

Precision & Stable Lighting for High-Performance Manufacturing



Primary Processing Area

Scenario-specific challenges:

- Complex overhead pipelines and varying ceiling heights cause uneven illumination
- Large-area continuous operation demands stable and efficient lighting
- Limited accessibility increases maintenance risk and lifecycle cost

Design Objectives:

- Ensure stable illumination under complex conditions and improve energy efficiency and long-term operational reliability

Proposed Solutions:

- **Optical layout aligned with structural design** to eliminate shadow zones
- **Layered beam distribution** (narrow & wide optics) for multi-height efficiency
- **High-efficacy, industrial-grade luminaires** with long lifetime to reduce maintenance



Precision Machining Area

Scenario-specific challenges:

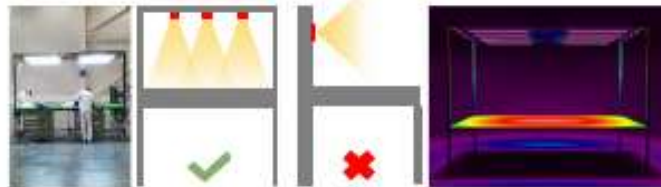
- High-precision tasks require consistent, shadow-free illumination
- Reflective machinery surfaces increase glare and visual fatigue
- Flicker and low color rendering affect quality inspection

Design Objectives:

- Safeguard machining accuracy and production quality
- Reduce operator fatigue and human error in long-hour shifts

Proposed Solutions:

- **Low-glare optical design with controlled UGR** for visual comfort
- **High-CRI, flicker-free lighting systems** for stable visual perception
- **Layered lighting design:** ambient arrays for uniformity + targeted task lighting.



Assembly Area

Scenario-specific challenges:

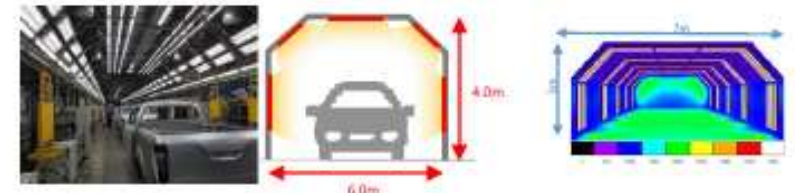
- Mixed task intensity requires differentiated illumination levels
- Glare and uneven lighting impact inspection precision
- Dynamic workflows demand flexible lighting adaptation

Design Objectives:

- Improve assembly efficiency and inspection accuracy
- Enable flexible and energy-optimized operations

Proposed Solutions:

- **Functional Zoning & Precise Configuration:**
 - 1) Heavy Industry: Medium beam for transfer area; Narrow beam for focused assembly; Supplementary light for workbenches.
 - 2) Light Industry: Zonal configuration with dedicated task lighting at core workstations.
- **Smart control** for adaptive dimming and energy management



Scenario-based Solutions: Warehousing Area

Reliable & Efficient Lighting for High-Throughput Warehousing



Inbound / Outbound Area

Scenario-specific challenges:

- Semi-outdoor environment with dust, moisture and temperature fluctuations
- Variable mounting heights and structural interference from cranes and loading equipment
- Daylight availability leading to inefficient full-power operation and energy waste

Design Objectives:

- Ensure safe and efficient loading operations
- Reduce energy consumption under daylight-driven conditions

Proposed Solutions:

- **Daylight-responsive intelligent control** for adaptive dimming and energy, achieving 50%-70% energy savings.
- **Height-adaptive optical distribution** ensuring uniform ground-level illuminance
- **IP65+ protection** to eliminate environmental failure.



Storage Area

Scenario-specific challenges:

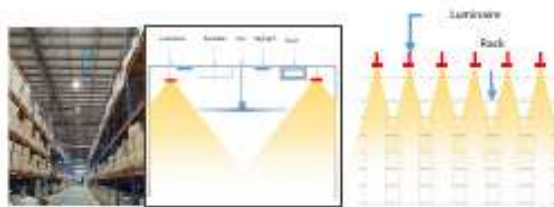
- High racks create vertical shadowing and shelf-face visibility issues
- Continuous large-area operation with unoccupied full-power mode leads to energy waste
- High mounting height requires long-lifetime and low-maintenance solutions

Design Objectives:

- Ensure vertical visibility and picking accuracy
- Achieve energy-efficient, low-maintenance warehouse operations

Proposed Solutions:

- **Aisle-focused optical design** with vertical illumination enhancement
- **Zoned smart control** with occupancy and daylight sensing
- **High-efficacy, long-lifetime** luminaires ($\geq 50,000\text{h}$)



Packing / Sorting Area

Scenario-specific challenges:

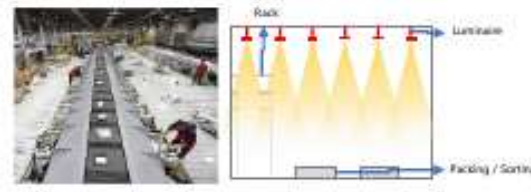
- Mixed ceiling heights causing optical mismatch and uneven brightness
- Continuous operation and equipment vibration affecting luminaire durability

Design Objectives:

- Improve sorting accuracy and operational efficiency
- Ensure stable lighting performance under dynamic conditions

Proposed Solutions:

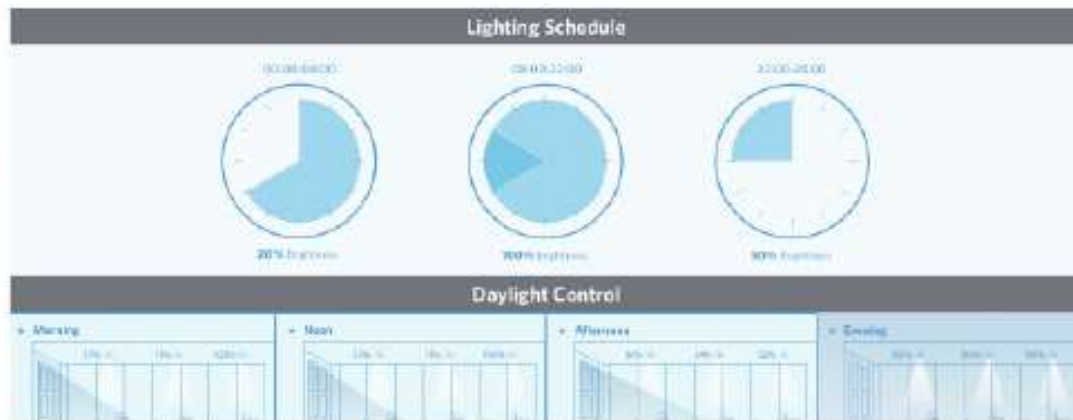
- **Zoned beam configuration** (wide-beam ambient + medium-beam task lighting)
- **Low-glare optical control** for visual comfort and inspection accuracy
- **Vibration-resistant industrial construction** for long-term stability



Scenario-based Solutions: From Static Design to Adaptive Control

- **Objective:** Achieve Optimized Energy Performance
- **Solution:** Adaptive control (occupancy, daylight, scheduling) + centralized real-time monitoring and management.

	Fixed Workflow Mode	Flexible Workflow Mode
Production Area	Labor-Driven: Time-scheduled scene presets with occupancy-linked adjustment.	Scheduled baseline lighting with occupancy-triggered full illumination.
Warehouse Area	Automation-Driven: Production-synced scheduling with baseline dimming, daylight integration and occupancy activation.	Skylight-integrated daylight harvesting with adaptive dimming and occupancy sensing.



From Scenario-based Solutions to Measurable Outcomes

- As an illustrative case, a major production base of a globally recognized automotive components manufacturer, the factory face operational challenges :
High energy consumption ; Rising maintenance costs; Misalignment with corporate sustainability targets

	Production Area (35603 m ²)	Warehousing Area (14955m ²)
New Solution*	On-off LED Highbay P6: High-Efficiency Performance Industry-leading efficacy of up to 200 lm/W and 100,000-hour lifespan deliver low maintenance and reduced energy costs.	Microwave Sensing Luminaire: Adaptive Intelligence Supports occupancy-triggered full illumination and delayed dimming after vacancy detection.
Fixture Power and Quantity Optimization	100–120W (1311 pcs) → 50–85W (1103 pcs)	150W (330 pcs) → 70W (302 pcs)
Illuminance optimization	340 lux → 530 lux	50 lux → 230 lux

TCO calculation*	Old Solution	New Solution
Initial investment (new fixtures)	/	¥ 746,031
Energy Costs (¥ 0.65/kWh)	¥ 1,492,290	¥ 629,593
Maintenance Costs (average per year)	¥ 43,800	/
Annual Costs (after initial investment)	¥ 1,536,090	¥ 629,593
Annual Savings	/	¥ 906,497
TCO (10 years)	¥ 15,360,900	¥ 7,041,961

ROI calculation* (New Solution)	
Initial investment	¥ 746,031
Annual costs (after initial investment)	¥ 906,497
Payback period	0.82 year

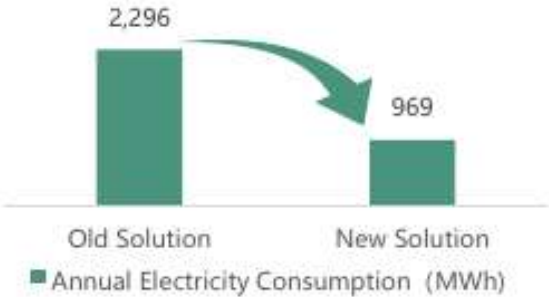
Environmental Savings* (over 10 years)	
Electricity	1,327,226 kWh per year
Emission	943,660 kg CO2 per year

**Safer Productivity.
Optimal TCO, Proven ROI.
Sustainable Performance.**

Annual Costs Reduction: 59%



Energy Saving Rate: 58%



*For illustrative purposes only. Actual results may vary based on project conditions.

3

Case Studies

Nederlandse Spoorwegen, Netherlands

- Lighting Retrofit Transforms the National Railway Maintenance Workshop with 75% Energy Reduction and Significant Cost Savings.

Challenge

Energy Cost Pressure

High industrial energy prices (€0.15–0.18/kWh) during the EU energy crisis rendered 400W HPL fixtures inefficient and costly.

Poor Lighting Quality

lumen depreciation resulted in a dim workspace.

High Maintenance Burden

Short HPL lifespan meant frequent replacements and high maintenance costs.

Solution

Upgrade from HPL to LED Highbay P6

Adopted LED Highbay P6 featuring high efficacy, strong lumen maintenance, and extended service life as the upgrade solution.

Intelligent Control Integration

Sensor-based zoning, adaptive dimming, centralized management.



LED Highbay P6

Value

Outstanding Energy and Cost Savings

75%+ energy reduction; 825,000 kWh annual savings; Approximately €123,750 in annual cost savings.

Sustainability Impact

205 tons CO₂ reduction annually.

Improved Operational Efficiency

Uniform and brighter lighting ensures safety and efficiency; long lifetime reduces replacement frequency



Energy Saving Rate Exceeds 75%



■ Annual Electricity Consumption (MWh)

CO₂ Reduction: 79%



■ Annual CO₂ Emissions (ton)

Schaeffler Factory, China

• **Intelligent, High-Efficiency Lighting Infrastructure Drives 30% Energy Savings and Operational Excellence in Precision Manufacturing.**

Challenge

Precision Manufacturing Support

Ensure stable, high-uniformity lighting aligned with high-accuracy production standards.

Energy & O&M Cost Optimization

Maximize energy efficiency while reducing long-term operational and maintenance costs.

Aligned with Architectural Daylighting

Ensure seamless coordination with the architecture's daylighting design.

Solution

High-Efficacy Industrial Fixture

LED highbay and waterproof with high efficacy.

Intelligent Lighting Management Platform

Integrated daylight harvesting, real-time monitoring, and adaptive dimming.

Centralized Smart O&M System

Remote diagnostics, automated fault reporting, and cross-building control.



LED Highbay P6

LED Waterproof P5

Value

Energy & Cost Efficiency

30% Energy Reduction; ¥800,000 Annual Cost Savings.

Operational Performance Enhancement

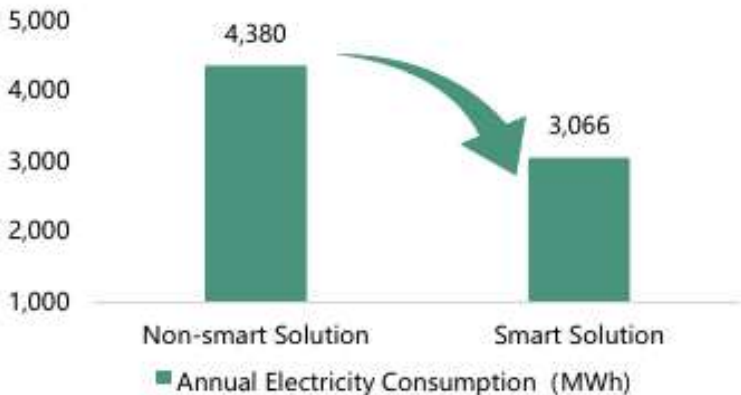
Uniform, high-comfort lighting improves productivity and quality control.

Intelligent O&M Optimization

Automated monitoring and fault reporting reduce maintenance workload and accelerate response time.



Energy Saving Rate : 30%



4

**System & Product
& Service**

Smart System

With OPPLE Smart Lighting,
you can count on:

- **Flexible & Scalable Deployment**

Fully wireless control based on Bluetooth SIG Mesh.
Rapid installation and easy system expansion.

- **Energy-Optimized Operation**

Smart sensors enabling occupancy- and daylight-based control.

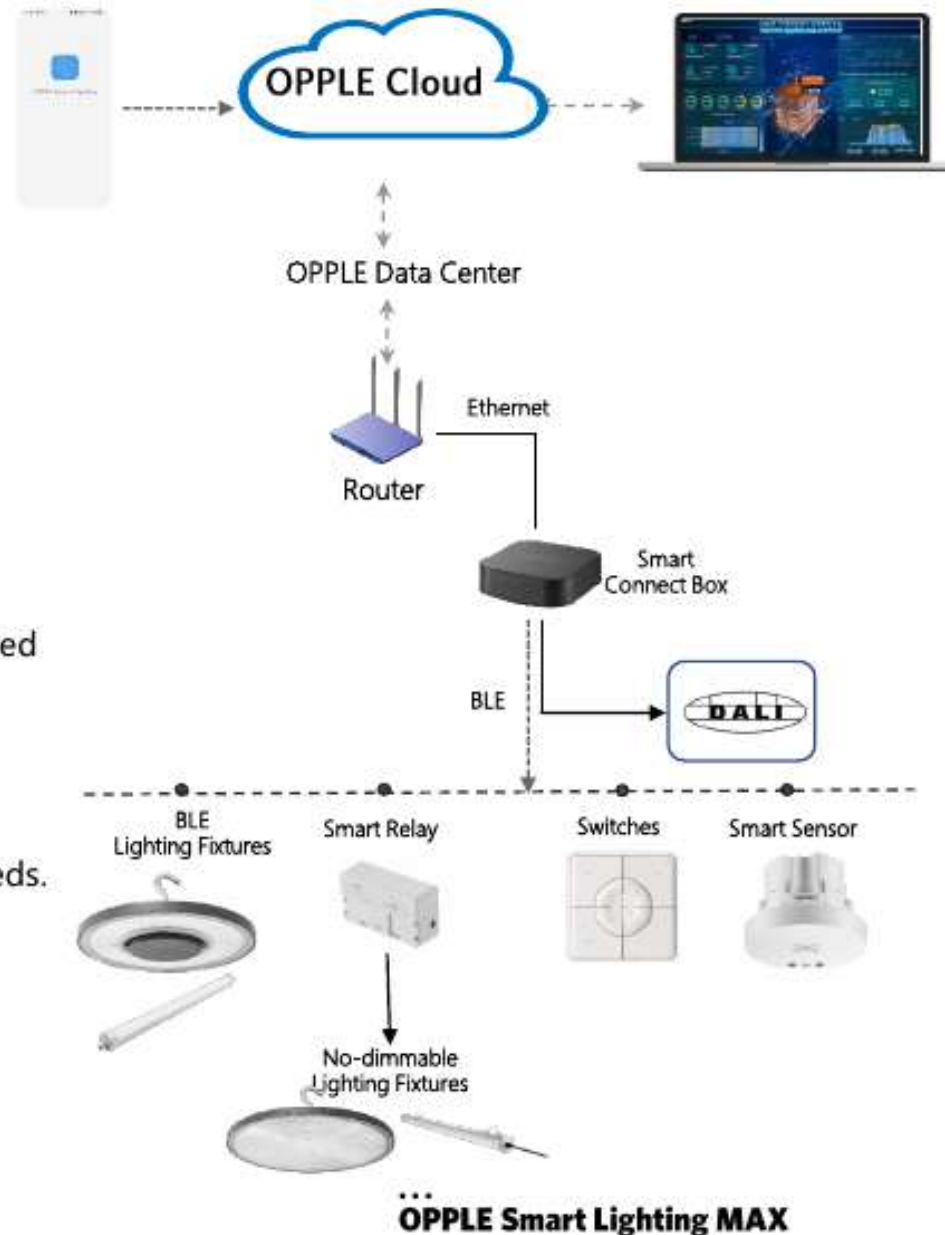
Corridor mode and daylight balance for dynamic dimming.

Multi-scene configuration tailored to operational needs.

- **Secure & Reliable System Architecture**

Encrypted signal transmission.

Strict user authorization management.



Product Portfolio

Scenario		Product Solution	Product Recommendation							
			 LED Highbay P6 Up to 200lm/W 100K hours IP66, IK08	 LED Highbay E3 Up to 150lm/W 75K hours IP65, IK08	 LED Lowbay EA&E4 Up to 140lm/W 30K hours IP20&43, IK08	 LED Waterproof P5 Up to 170lm/W 100K hours IP66, IK08	 LED Waterproof E3 Up to 140lm/W 50K hours IP65, IK08	 LED Waterproof U4 120 lm/W 30K hours IP65, IK08	 LED Waterproof UQ3 110 lm/W 30K hours IP65, IK06	 LED Waterproof U EP2 IP65, IK08
Production Area	Primary Processing	Obstacle-Aware Optical Planning Layered Beam Distribution Industrial-Grade Reliability	✓ Smart Configurable	✓		✓ Smart Configurable				
	Precision Machining	Low-Glare Optical Control High-CRI & Flicker-Free Performance Task-Oriented Lighting Design	✓ Smart Configurable			✓ Smart Configurable	✓	✓	✓	
	Assembly	Functional Zoning Strategy Tailored Beam Configuration Smart Adaptive Control	✓ Smart Configurable	✓		✓ Smart Configurable	✓	✓	✓	
Warehousing Area	Inbound/Outbound	Daylight-Responsive Control Height-Adaptive DistributionIP65+ Industrial Protection		✓			✓	✓		
	Storage	Aisle-Focused Optical Design Zoned Smart Sensing Long-Lifetime High-Efficacy luminaires	✓ Smart Configurable	✓	✓	✓ Smart Configurable	✓	✓	✓	✓
	Packing/Sorting	Zoned Beam Configuration Glare-Controlled Uniformity Vibration-Resistant Construction	✓ Smart Configurable	✓	✓	✓ Smart Configurable	✓	✓	✓	✓

End-to-End Professional Services

OPPLE delivers end-to-end services across the full project lifecycle, combining advanced manufacturing, ETO customization, professional lighting design, and remote and on-site technical support to ensure superior project execution and long-term operational reliability.

Pre-Implementation Phase

1 Integrated Lighting Solution

Comprehensive, tailored lighting solutions for diverse scenarios, integrating professional lighting design and customized ETO development to ensure technical precision, right-first-time delivery, and consistently high-quality lighting performance

Implementation Phase

2 Automated Manufacturing

Intelligent, automated manufacturing to support reliable large-scale project delivery and consistent quality

3 Quality Testing & Certification

Comprehensive testing and international certification to ensure global compliance, reliable project acceptance, and long-term operation

4 Logistics & Delivery

Integrated supply chain and project management systems coordinating orders, production, and logistics to guarantee accurate, on-time delivery

5 Technical Support

Professional technical team providing remote and on-site support throughout the project, ensuring design intent, project quality, and long-term reliability

Post-Implementation Phase

6 After-Sales Service

Professional after-sales engineering team with dedicated project support, collaborating across R&D, product, and design to quickly resolve issues, providing long-term technical and operational reliability

Commercial lighting solutions

Commerce



Commercial lighting solutions are primarily used in retail, hospitality, and office spaces to address the balance between general illumination and accent lighting. Through scientifically designed light environments, they ensure brightness while highlighting product textures and guiding customer flow

A well-designed lighting system can enhance visual comfort and safety, optimize the experience, promote consumption, and reduce operating costs through energy-saving technology

Challenges



1、 The quality issue is prominent, and the maintenance cost is high

- 1. Economic Pain Points
 - ① Poor quality results in high maintenance costs; frequent lamp replacement causes project downtime and losses.
 - ② Limited initial investment budget, sensitive to payback period; expects **one-time investment, years of maintenance-free use**.
- 2.. Product Portfolio Pain Points
- Fragmented market structure demands varied product combinations (appearance, parameters, installation, etc.).



2、 Scenario-based Pain Points

- 1. "Disconnection" in dynamic scenarios: no clear distinction between accent lighting and general lighting.
- 2. Color distortion due to unsatisfactory CRI and light spectrum.

Trend

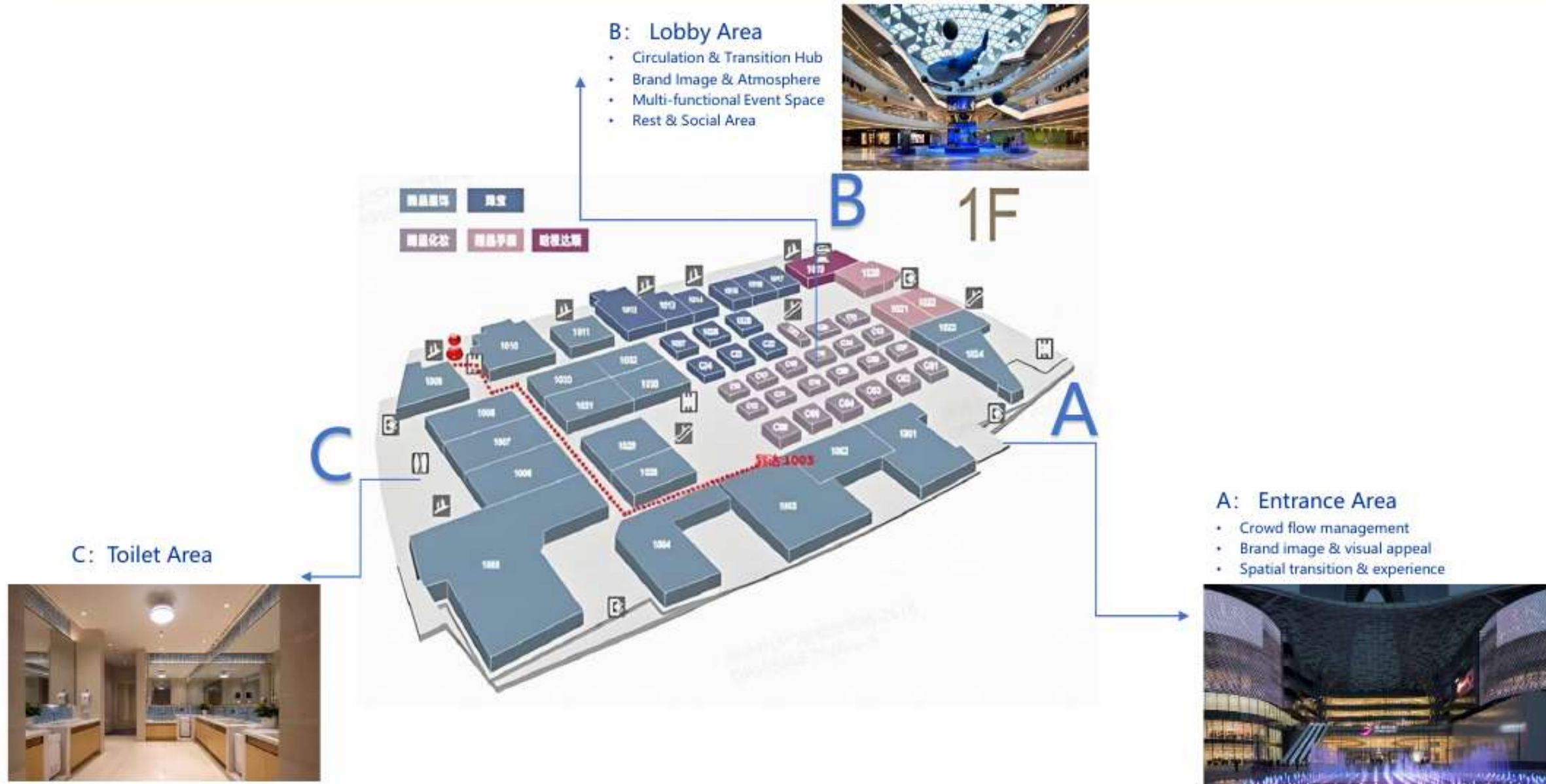
From "illuminating space" to "serving people and life". It is more adaptive, has high color rendering, is healthy and eye-protective, and can resonate with people's emotions and behaviors.

Opple' s Value Proposition



We deliver scenario-based Commerce lighting solutions that enable safe productivity and optimize TCO through efficient and reliable lighting.

Scenario-Based Solutions: Key Application Scenarios



Scenario-based Solutions: Entrance Area

The entry is the starting point of traffic flow and a key factor attracting users.

Scenario-specific challenges:

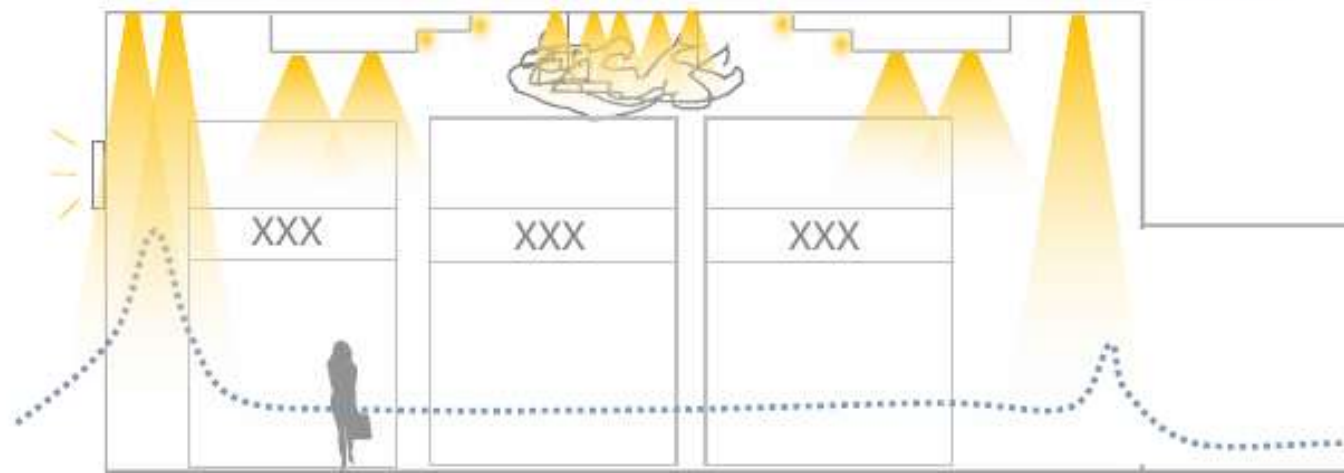
- Glare and light pollution are severe.
- The brightness transition between the entrance area and the internal and external spaces is imbalanced.
- Limited accessibility increases maintenance risk and lifecycle cost

Design Objectives:

- Let customers perceive quality and theme at first glance

Proposed Solutions:

- There are requirements for glare and comfort, and at the same time, there are certain needs for the spatial illuminance.
- Facade decorations and promotional advertisements have lighting requirements.
- The ceiling should be simple, beautiful and orderly.



Scenario-based Solutions: Lobby Area

Enhance spatial recognition and create unique lighting focal points.

Scenario-specific challenges:

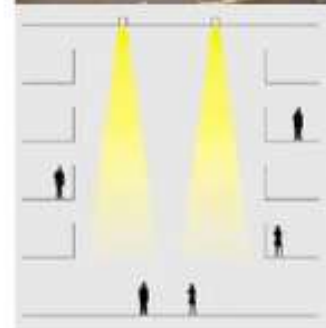
- Poor lighting environment and experience, uneven illumination.
- High maintenance cost.
- Energy consumption and operational pain points, with only one brightness level and no ability to adjust brightness as needed

Design Objectives:

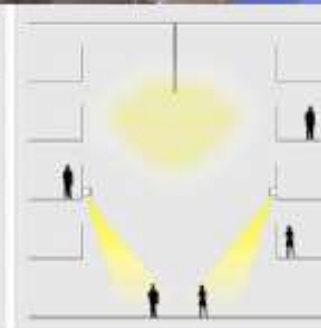
- Switch between set-up/business/holiday modes through an smart system to create memorable moments and a festive atmosphere

Proposed Solutions:

- Highlight the atrium space to form a unique feature.
- Highlight the spatial structure and support all-weather performance marketing with smart controlled and adjustable scenario-based lighting.
- The ceiling should be simple, beautiful and orderly.



Top lighting plan



Side lighting plan



Garden-style lighting



Scenario-based Solutions: Toilet Area

It requires bright and warm lighting.

Scenario-specific challenges:

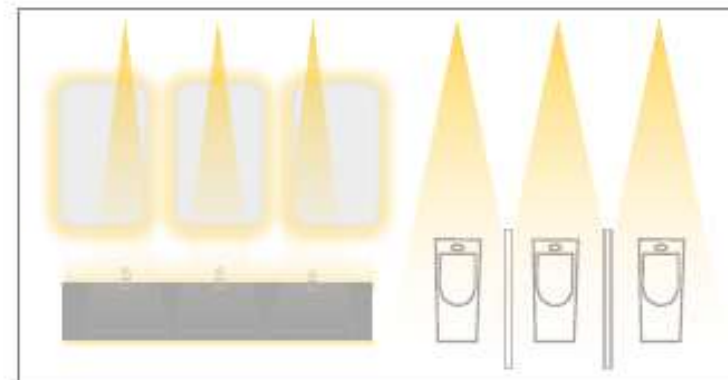
- The focus is mainly on the functional lighting for the washbasins and vanities.
- For the baby care rooms and rest areas, indirect lighting is more frequently used, with a softer color temperature, showing care.

Design Objectives:

- Areas that need to be seen should be clear, while areas that don't need to be seen should be gentle

Proposed Solutions:

- Focus on high color rendering index mirror front lights for supplementary lighting in the sink area.
- Adding a sensor to turn on the lights when people enter can enhance comfort and energy efficiency.
- The nursing room features diffuse lighting fixtures.



Scenario-based Solutions: Parking Area

Precision & Stable Lighting for High-Performance Manufacturing

Scenario-specific challenges:

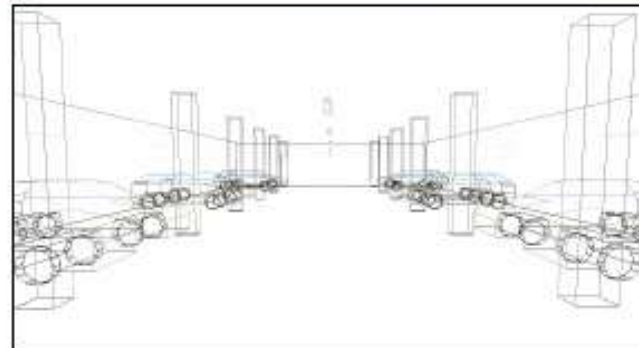
- Sufficient Illuminance and Uniformity.
- Vertical Illumination and Clear Signage.
- Energy Efficiency and Long Lifespan.

Design Objectives:

- Achieve maximum energy savings through intelligent controls, while using a uniform lighting environment to eliminate the sense of oppression and safety hazards in underground spaces

Proposed Solutions:

- **Optical layout aligned with structural design** to eliminate shadow zones
- **High-efficacy, industrial-grade luminaires** with long lifetime to reduce maintenance
- **Smart control strategies:** Dimming lights during unoccupied periods for energy efficiency.



WuYue Plaza, China

- The smart and efficient lighting infrastructure delivers a 25% energy savings and exceptional operational performance for the mall.

Challenge

Highlighting and uniformity support

Ensure lighting stability, high uniformity, and create a well-defined ambiance.

Energy & O&M Cost Optimization

Maximize energy efficiency while reducing long-term operational and maintenance costs.

Aligned with Architectural Daylighting

Ensure seamless coordination with the architecture' s daylighting design.

Solution

High CRI and high luminous commercial fixtures

LED Spot-P3 and Downlight-E3COB.

Intelligent Lighting Management Platform

Adjust the brightness according to different times.

Centralized Smart O&M System

Remote diagnostics, automated fault reporting, and cross-building control.



Value

Energy & Cost Efficiency

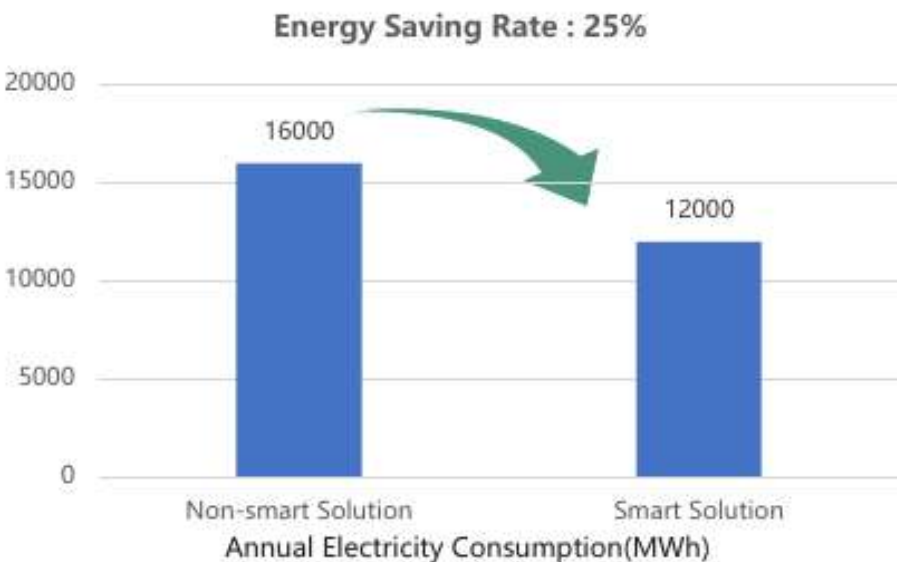
25% Energy Reduction; ¥6250,000 Annual Cost Savings.

Operational Performance Enhancement

Uniform, highly comfortable lighting enhances human comfort and creates a pleasant ambiance.

Intelligent O&M Optimization

Automated monitoring and fault reporting reduce maintenance workload and accelerate response time.



Haier Mall, China

- Great lighting enhances the mall's atmosphere and commercial value.

Challenge

Deliver a premium experience:

Precision circuit control streamlines complexity for effortless, intuitive operation

Aligned with Architectural Daylighting

Ensure seamless coordination with the architecture's daylighting design.

Solution

Precision Control:

Scene-based presets with ergonomic placement for intuitive mode switching

Centralized Smart O&M System

Remote diagnostics, automated fault reporting, and cross-building control.

Value

Build reputation :

Building reputation through user experience of artistic, healthy, and convenient lighting

Value Enhancement:

Art-grade lighting delivers a 6%-20% premium, driving asset appreciation



LED D02



LED B01



Smart System

With OPPLE Smart Lighting,
you can count on:

- **Flexible & Scalable Deployment**

Fully wireless control based on Bluetooth SIG Mesh.
Rapid installation and easy system expansion.

- **Energy-Optimized Operation**

Smart sensors enabling occupancy- and daylight-based control.

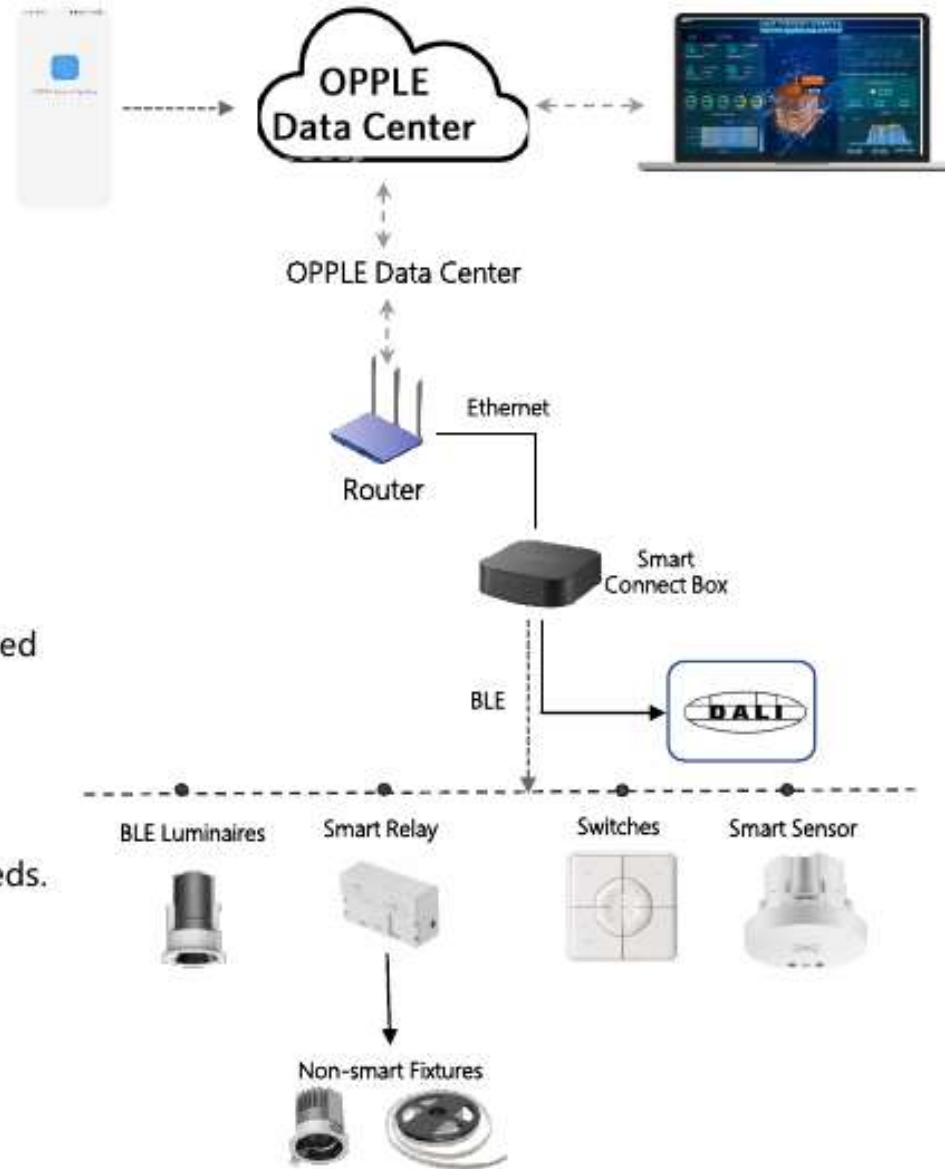
Corridor mode and daylight balance for dynamic dimming.

Multi-scene configuration tailored to operational needs.

- **Secure & Reliable System Architecture**

Encrypted signal transmission.

Strict user authorization management.



OPPLE Smart Lighting MAX



Product Portfolio

Scenario	Product Solution	Product Recommendation							
									
		LED Spot P3	LED Down PQ	LED SpotTR PA	LED Down SM	LED Emergency light	LED T8	LED Strip light	LED Point light
		Up to RA95 50K hours UGR < 9	Up to 120lm/W 50K hours RA90	Up to 150lm/W 30K hours RA90	Up to 100lm/W 50K hours RA90	Up to 80lm/W 30K hours emergency 3Hrs	150 lm/W 50K hours	80 lm/W 30K hours IP65 & IP20	IP65, IK08
Entrance Area	Low-Glare Optical Control High-CRI & Flicker-Free Performance Task-Oriented Lighting Design	✓ Smart Configurable	✓		✓			✓	✓
Lobby Area	High-CRI & Flicker-Free Performance Task-Oriented Lighting Design	✓ Smart Configurable	✓	✓	✓	✓		✓	
	Functional Zoning Strategy Smart Adaptive Control	✓ Smart Configurable	✓			✓		✓	
Parking Area	Daylight-Responsive Control Industrial-Grade Reliability					✓	✓		

THANK YOU