OXFORD 10

Speec Sheet **ASTON LED**

OXF 10

High Bay

ASTON PRO

Intelligent High Bay Lighting with Real-Time Energy Management

The **OXFORD 10** LED **High Bay Light** is a high-efficiency solution, designed for **industrial spaces, warehouses, and logistics centers**. Its integration with the **Spark energy management platform** allows for smart control and optimized energy consumption. With an efficacy of **up to 180 lm/W** and a lifespan of **131,000 hours**, it reduces operational costs while maintaining exceptional performance. Its **compact square design** facilitates installation and enhances light distribution. Its **integrated PIR or microwave motion sensor** enables automated control, adjusting lighting based on activity in the area.
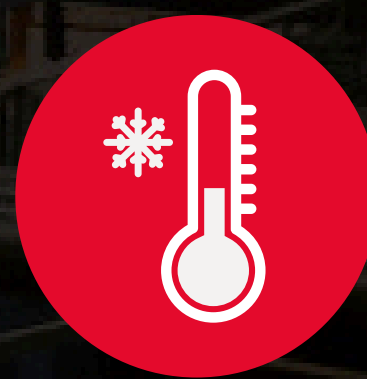
Applications

Warehouses

Factories
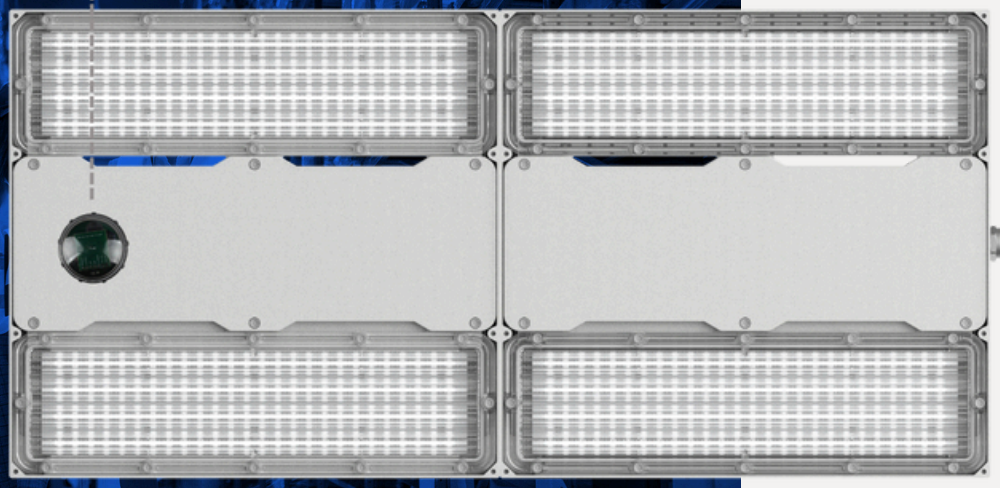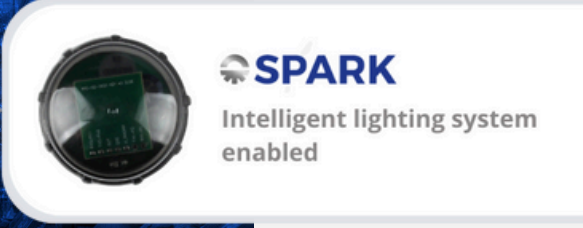
Industrial facilities

Cold storage

Certifications

CE RoHS DIN 57710-13

01

SPARK
Intelligent lighting system enabled
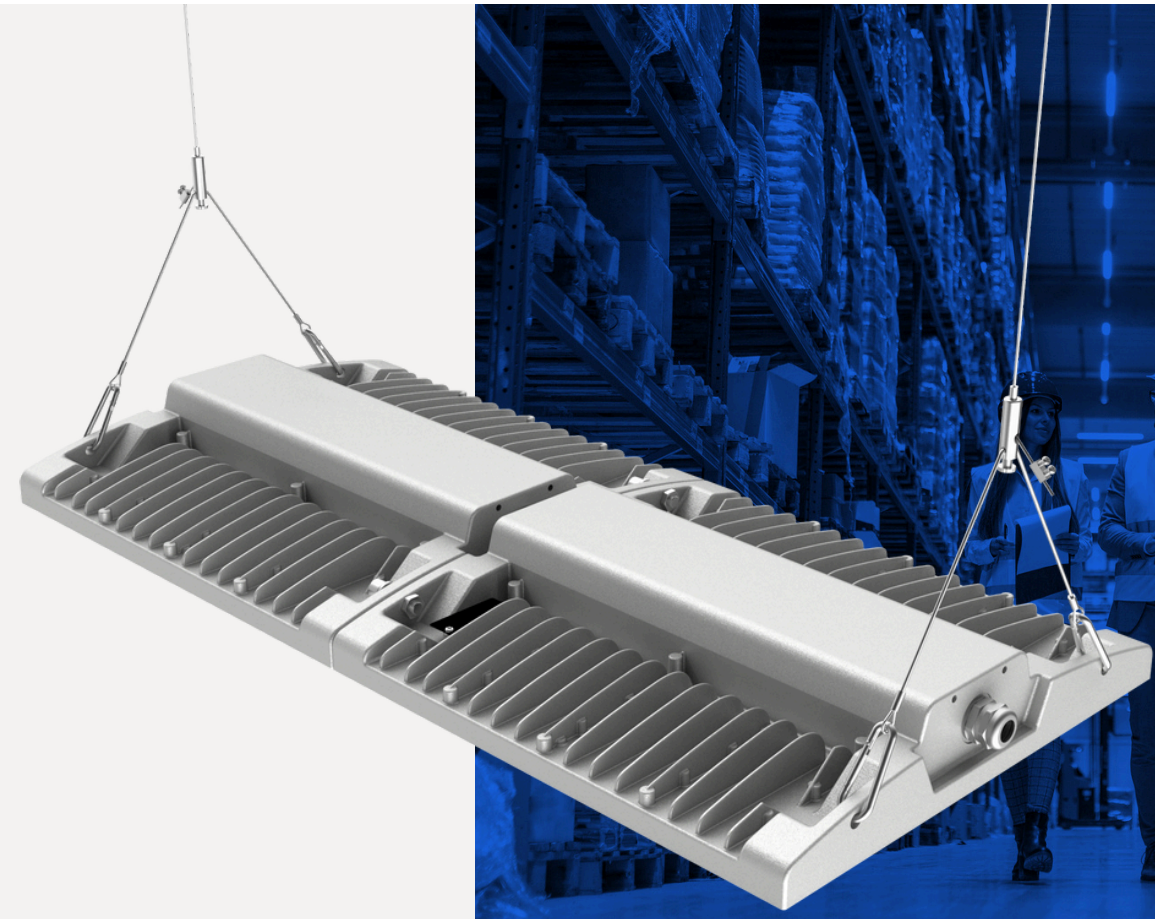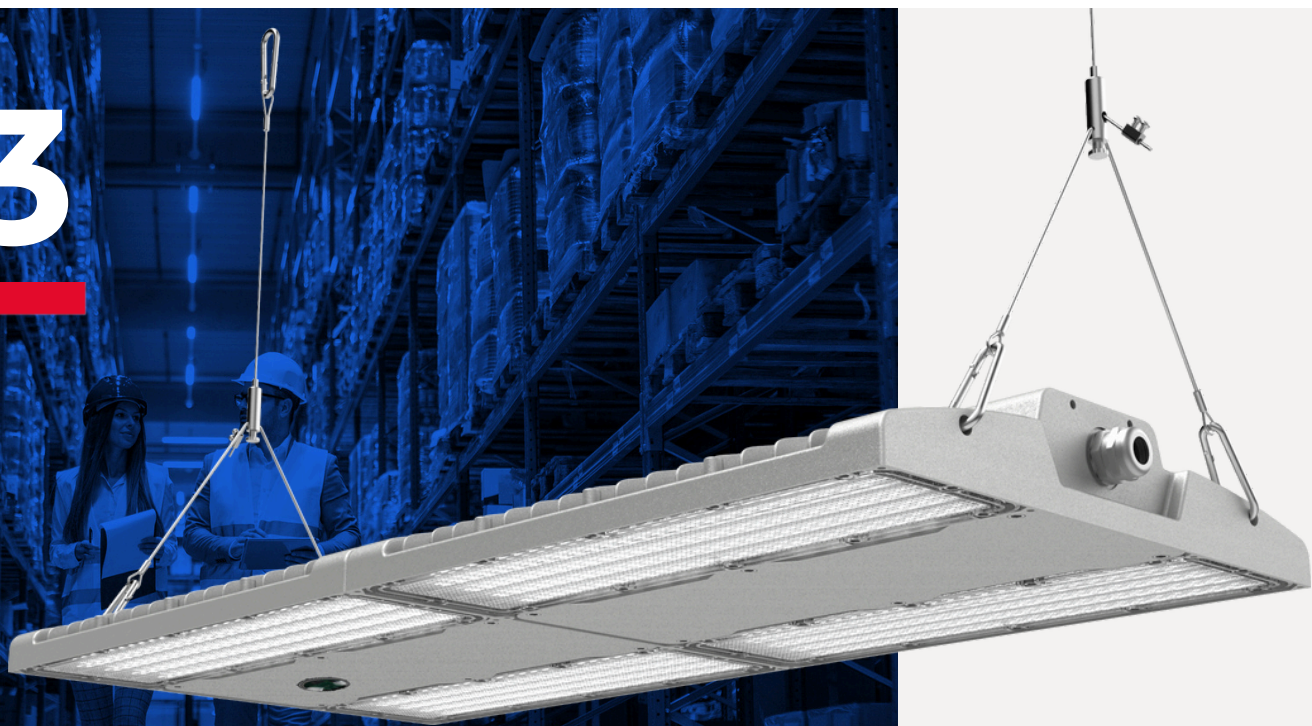
Smart Energy Management: Fully **compatible with Spark**, enabling real-time lighting control and energy optimization.

Maximum luminous efficiency: Up to **180 lm/W,** optimizing energy consumption.
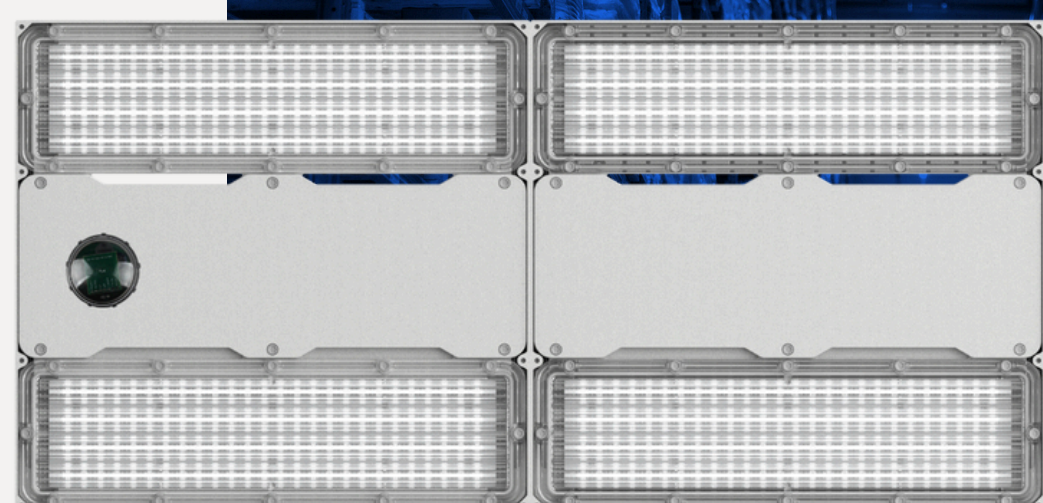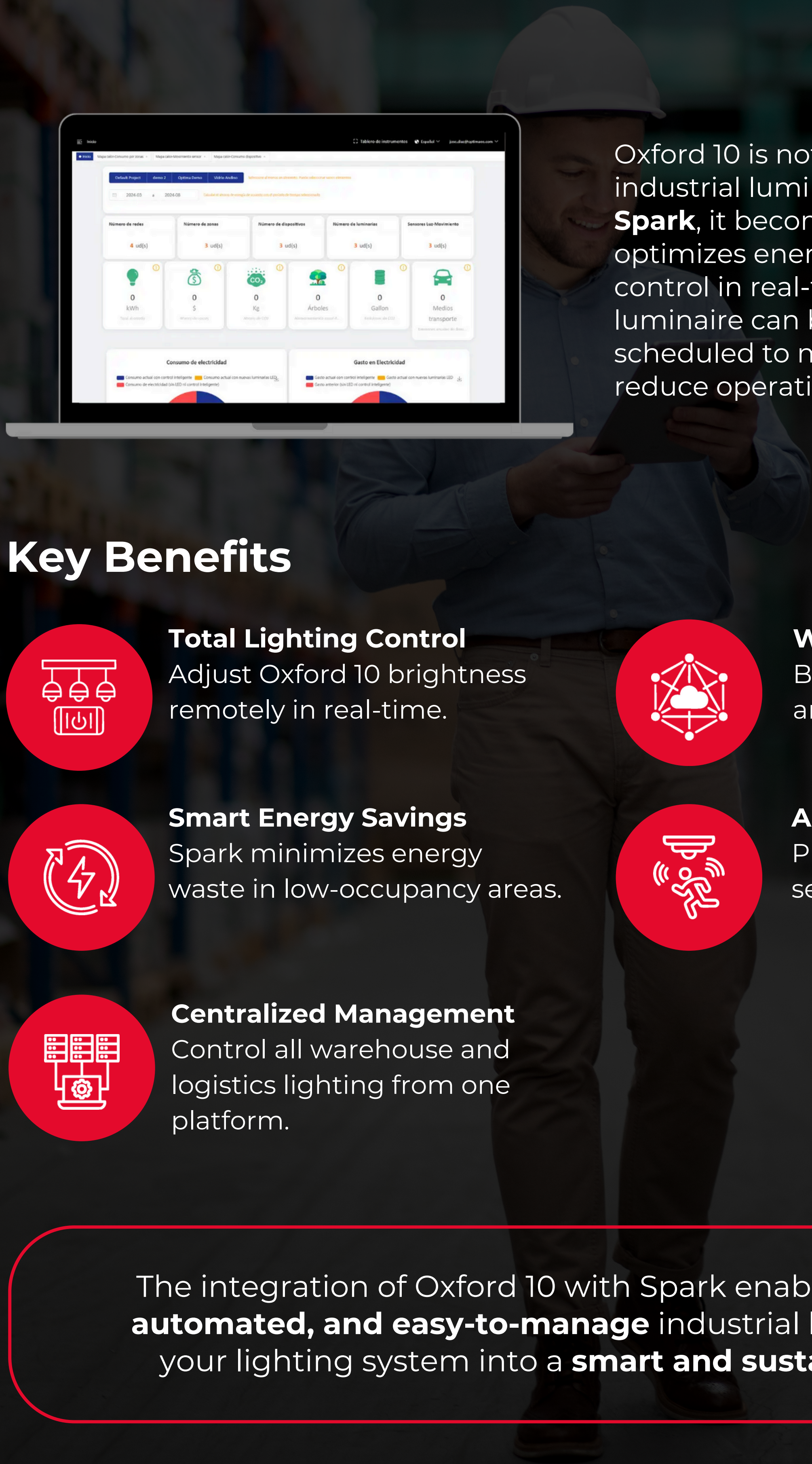
02

03

Industrial-Grade Durability: IP66 and IK10-rated for high resistance to dust, water, and impacts, ensuring reliability in demanding environments.

Compact square design: Enhances light distribution and facilitates installation.

04

Oxford 10 + Spark:
Smart Lighting for Efficient Management

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Oxford 10 is not just a high-performance industrial luminaire; when integrated with **Spark**, it becomes a **smart solution** that optimizes energy management and lighting control in real-time. With Spark, each luminaire can be monitored, adjusted, and scheduled to maximize efficiency and reduce operating costs.

Key Benefits

Total Lighting Control
Adjust Oxford 10 brightness remotely in real-time.

Wireless Mesh Network
Bluetooth Mesh reduces wiring and installation costs.

Smart Energy Savings
Spark minimizes energy waste in low-occupancy areas.

Automation & Sensors
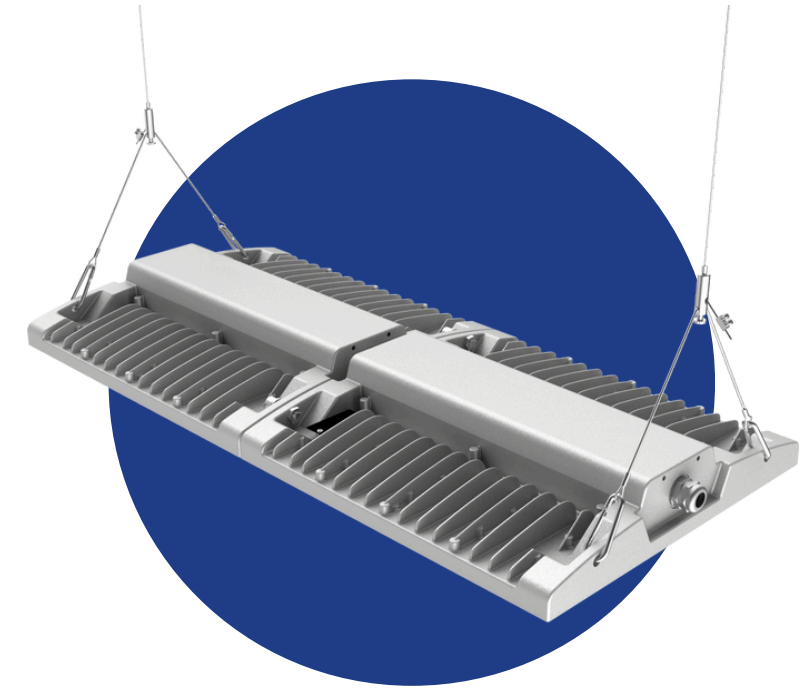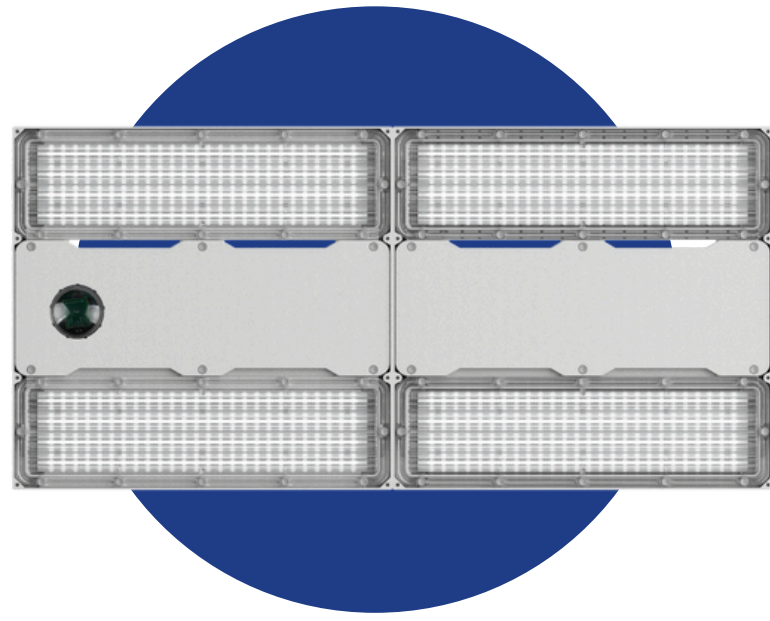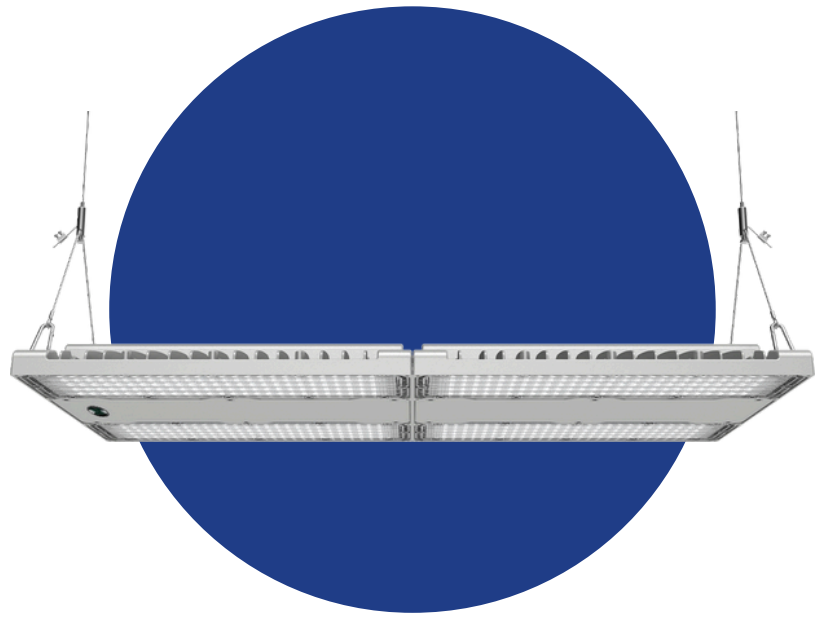Plug & Play PIR & Microwave sensors adjust lighting.

Centralized Management
Control all warehouse and logistics lighting from one platform.

The integration of Oxford 10 with Spark enables **more efficient, automated, and easy-to-manage** industrial lighting. Transform your lighting system into a **smart and sustainable solution.**

OXFORD 10 - OXF 10
Technical Specifications

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Technical Specifications

Model No.	OXF 10 - 100	OXF 10 - 120	OXF 10 - 150	OXF 10 - 200
Power (W)	100 W	120 W	150 W	200 W
Luminous Flux (lm)	18,000 lm	21,600 lm	27,000 lm	36,000 lm
Luminous Efficacy (lm/W)	180 lm/W			
Correlated Color Temperature (CCT)	5000K (Optional: 3000K, 4000K)			
Color Rendering Index (CRI)	≥70 (Optional: 80)			
Input Voltage (V, Hz)	100-240 V / 100-277 V AC			
Power Factor (PF)	≥0.91			
Dimming	Yes			
Control	Plug & Play Microwave or PIR motion sensor, wireless control, compatible with DALI			
IP Rating	IP66			
IK Rating	IK10			
Material	Aluminum alloy, polycarbonate optical lens			
Mounting Option	Suspension mount /Ceiling mount			
Dimensions (mm)	340 × 325 × 60	340 × 325 × 60	340 × 325 × 60	680 × 325 × 60
Weight (kg)	3.5 kg	3.6 kg	3.7 kg	6.7 kg
Working Temperature (°C)	-30°C to +50°C			
Lifespan (h)	131,000 h			
Warranty	5 years			

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