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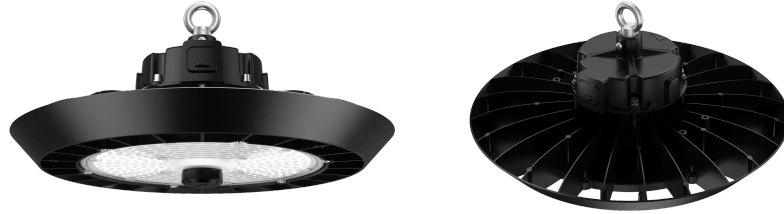
Spec Sheet ASTON LED

London High Bay

LDN10 (2024 Model)



Introduction



The London 10 (LDN10) is a High Bay LED luminaire designed to offer high luminous efficiency and versatility in industrial and commercial applications. With an efficiency of up to 200 lm/W, Zhaga connectivity, and a compact design, it is ideal for installations that require high-performance lighting with low energy consumption.

Features

1. Lifespan: L90 at 50,000 hours. L80 at 100,000 hours. L70 at 160,000 hours
2. Warranty: 5 years
3. Protection rating IP65: Dust-tight and water jet resistant
4. Impact resistance IK08: High impact resistance
5. Luminous Efficiency: Up to 200 lm/W
6. Standard Zhaga receptacle for intelligent control
7. Mounting options: Loop Hanging, Ceiling Mounting
8. Maximum installation height: With PIR sensor (up to 12 meters). With Microwave sensor (up to 15 meters).
9. Adjustable power across 3 different levels (e.g., 100W, 80W, 60W), providing flexibility to meet various lighting needs.
10. Compatibility with CASAMBI wireless systems: Remote control and integration with smart lighting management systems.

Applications

- Warehouses
- Factories
- Industrial and chemical facilities
- Exhibition centers
- Stadiums and sports centers
- Toll stations

- Shopping centers

Certifications

CE

RoHS

CB



Technical Specifications

Model	LDN10-100	LDN10-150	LDN10-200	LDN10-240
Power	100W / 80W / 60W	150W / 120W / 90W	200W / 160W / 120W	240W / 190W / 145W
LEDs	LED 2835			
Luminous flux (± 5%) Ra70	20,000 lm	30,000 lm	40,000 lm	46,800 lm
Efficiency Ra70	195-200 lm/W			
Color temperature (CCT)	5000K (Optional: 3000K, 4000K)			
Color Rendering Index (CRI)	Ra70			
Driver	Constant current (SOSEN driver)			
Voltage	120-277VAC, 50/60 Hz			
Power factor	≥ 0.92			
Surge protection	6kV (line-line, line-ground))			
Net Weight of Luminaire	1.8 kg	2.0 kg	2.3 kg	2.6 kg
Material	Aleación de aluminio, lente óptico de policarbonato			
Mounting Options	Loop Hanging, Ceiling Mount			
Operating Temperature	Without sensor: -30°C to +50°C With sensor: -30°C to +45°C			
Lifespan	L90 at 50,000 hours L80 at 100,000 hours L70 at 160,000 hours			
Dimable	Yes (0-10V)			
Intelligent Control	Microwave motion sensor, PIR, CASAMBI (Zhaga receptacle)			
Protection Ratings	IP65, IK08			