



26 COWPER STREET, FIRST FLOOR,
LONDON. UNITED KINGDOM
EC2A 4AP

Spec Sheet ASTON LED

London High Bay

LDN15 – High Efficiency



Introduction



LDN15 is a high-quality LED High bay with high luminous efficacy (210lm/w). With a reliable and robust housing structure (IP65). Driver outside for better heat dissipation. LDN15 can be used in a wide variety of applications, it is suitable for wholesale and distribution channels with simple & friendly design. Smaller size and lighter. Different models in wattage (100-200w), and various lumens package, let it to be the ideal replacement for traditional halogen high bay fixture.

Features

1. LED service life: 101,000 hours 30°C @L70
2. 5-year warranty
3. Driver outside helps the fixture with a better heat dissipation.
4. IP rating: IP65
5. IK08 double protection
6. Super high efficacy up to 210 lm/w.
7. Built-in sensor
8. Maximum mounting height: 12.00m (PIR sensor) – 15.00m (Microwave sensor)

Applications

- Warehouses
- Factories
- Indoor application: Stairways, halls, lobby, reception
- Other related areas: Halls, hospitals, laboratories, etc
- Offices, schools

Certifications

CE RoHS

Technical Specifications

Model No.	LDN15-100	LDN15-120	LDN15-150	LDN15-200
Power Consumption	100w	120w	150w	200w
LED Type	LED 2835			
Luminous Flux (± 5%)	21,000 lm	25,200 lm	31,500 lm	42,000 lm
Efficacy (5000K, Ra70)	210 lm/w			
CCT	5,000 K			
CRI	Ra70 (Ra80 optional)			
Input Voltage	220-240V/100-277V			
Power Factor	≥ 0.95			
Surge protection	4kV line-line, 6kV line-earth			
Luminaire Net Weight	1.9 ± 0.3kg	2.1 ± 0.3kg	2.5 ± 0.3kg	
Material	Aluminum Alloy, Polycarbonate Optical Lens			
Mounting Option	Loop Hanging / Ceiling Mounting			
Operating Temperature	-30°C to 50°C / 0°C to 50°C with sensor			
Life Time	> 101,000 Hrs			
Dimmable	Yes (optional)			
Intelligent Control	PIR/MW Sensor (optional)			
IP Rating	IP65/IK08			