



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

# Spec Sheet ASTON LED London High Bay

LDN05



# Introduction



LDN05 is a high-quality LED High bay with high luminous efficacy (200lm/w). With a reliable and robust housing structure (IP65). Driver outside for better heat dissipation. LDN05 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 (80-200w), 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 200 lm/w.
7. Built-in sensor
8. Maximum mounting height: 13.50m

## Applications

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

## Certifications

# CE RoHS

## Technical Specifications

<b>Model No.</b>	LDN05-80	LDN05-120	LDN05-150	LDN05-200
<b>Power Consumption</b>	80w	120w	150w	200w
<b>LED Type</b>	LED 2835			
<b>Luminous Flux (± 5%)</b>	16,000 lm	24,000 lm	30,000 lm	40,000 lm
<b>Efficacy (5000K, Ra70)</b>	200 lm/w			
<b>CCT</b>	5,000 K			
<b>CRI</b>	Ra70 (Ra80 optional)			
<b>Power Supply</b>	LIFUD			
<b>Input Voltage</b>	220-240V/100-277V			
<b>Power Factor</b>	≥ 0.95			
<b>Surge protection</b>	4kV line-line, 6kV line-earth			
<b>Luminaire Net Weight</b>	2.0 ± 0.3kg	2.3 ± 0.3kg	2.9 ± 0.3kg	
<b>Material</b>	Aluminum Alloy, Polycarbonate Optical Lens			
<b>Mounting Option</b>	Loop Hanging / Ceiling Mounting			
<b>Operating Temperature</b>	-30°C to 50°C			
<b>Life Time</b>	> 101,000 Hrs			
<b>Dimmable</b>	Yes (optional)			
<b>Intelligent Control</b>	PIR Sensor (optional)			
<b>IP Rating</b>	IP65			