



Spec Sheet ASTON LED

London High Bay

LDN08



Introduction



LDN08 is a high-quality LED High bay with high luminous efficacy (140lm/w). With a reliable and robust housing structure (IP66), and its specially design for food processing applications. The lamp has a smooth exterior and no exposed fasteners which makes not only aesthetic but also dust-proof and easy to clean. At the basis of highly efficient heat dissipation solution, our design concept is "unibody", which lead the way in Bay lights.

Features

1. LED service life: 131,000 hours 25°C @L70
2. 5-year warranty
3. No dust accumulation design helps the fixture with a better heat dissipation.
4. IP rating: IP66 and IK08, you can flush the light frequently
5. Multiple mounting options.
6. Super high efficacy up to 140 lm/w.
7. Easy to clean
8. Contains no glass, to prevent debris falling to enhance the food safety

Applications

- Warehouses
- Food processing plant
- Factories
- Pharmaceutical Manufacturing Facilities
- Chemical Facilities
- Poultry and Meat Processing
- Pet food production
- Grain and Sugar Production
- Other heavy dust area

Certifications



Technical Specifications

Model No.	LDN08-100	LDN08 -120	LDN08-150
Power Consumption	100w	120w	150w
LED Type	SMD		
Luminous Flux (± 5%)	14,000 lm	16,800 lm	21,000 lm
Efficacy (5000K, Ra70)	140 lm/w		
CCT	4,000 K (4,000K 5,000K optional)		
CRI	Ra80 (Ra70 optional)		
Power Supply	SOSEN		
Input Voltage	100-240V		
Power Factor	> 0.95		
Surge protection	4kV line-line, 4kV line-earth		
Product dimension (mm)	Φ398×211mm		
Luminaire Net Weight	4.66 kg ± 0.3kg		
Material	Aluminum Alloy, Polycarbonate Optical Lens		
Mounting Option	Loop Hanging / Hook Mounting / Pipe Mounting		
Operating Temperature	-30°C to 45°C		
Life Time	> 50,000 Hrs		
Dimmable	Yes (optional)		