

ASTON

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 25°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

Electrical Information

Model No.	LDN15-100	LDN15-120	LDN15-150	LDN15-200
Power Consumption	100/80/60 (Selectable)	120/100/80 (Selectable)	150/120/90 (Selectable)	200/160/120 (Selectable)
Input Voltage	220-240VAC, 50 / 60 Hz			
Power Factor	>0.95			
Surge Protection	4kV line-line, 6kV line-earth			
Driver Type	Constant current (CC)			
Control	Dimmable, DALI (optional), Microwave sensor, PIR sensor			

Optic Information

Luminous Flux (lm)	21000	25200	31500	42000
Efficacy(lm/W)	210			
Correlated Color Temperature	6500K – 3500K (optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
UGR Level	<28			
Tolerance for luminous flux	±10%.			

Dimensions and Mount

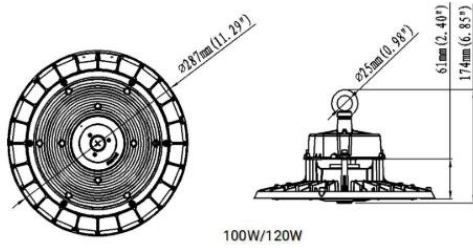
Product Dimension (mm)	Φ287x174	Φ295x175	Φ306x176
Luminaire Net Weight (kg)	1.9	2.1	2.5
Mounting Option	Loop hanging, Ceiling mounting		
Material	Aluminum Alloy, Polycarbonate Optical Lens		
IP Rating	IP65/IK08		
Finish	Powder coating		

Lifespan and Warranty

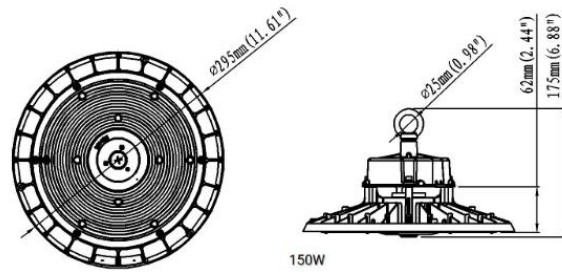
Operating Temperature	-30°C to 50°C / 0°C to 50°C with sensor
Life Time @Ta=25°C (hours)	> 101,000 Hrs
Warranty (years)	5

Dimensions

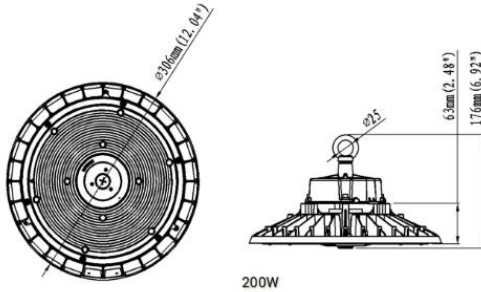
Unit: mm/inch



100W/120W



150W



200W