



## Spec Sheet ASTON LED

### London High Bay

LDN07



# Introduction



LDN07 is a high-quality LED High bay with high luminous efficacy (140lm/w) with a reliable and robust housing structure (IP65). The lamp body is arched perfectly 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 leads the way in Bay lights.

## Features

1. LED service life: 162,000 hours 25°C @L70
2. 5-year warranty
3. No dust accumulation design helps the fixture with a better heat dissipation.
4. IP rating: IP65 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. Plug in sensor optional. Fixture is ready for it.

## 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



## Electrical Information

<b>Model No.</b>	LDN07-100	LDN07 -120	LDN07-150	LDN07-200
<b>Power Consumption</b>	100	120	150	200
<b>Input Voltage</b>	220-240VAC, 50 / 60 Hz			
<b>Power Factor</b>	>0.95			
<b>Surge Protection</b>	4kV line-line, 6kV line-earth			
<b>Driver Type</b>	Constant current (CC)			
<b>Control</b>	Dimmable, DALI (optional), Microwave sensor, PIR sensor			

## Optic Information

<b>Luminous Flux (lm)</b>	14,000	16,800	21,000	28,000
<b>Efficacy(lm/W)</b>	140			
<b>Correlated Color Temperature</b>	6500K – 3500K (optional)			
<b>Color Rendering Index</b>	Ra70 (Ra80 optional)			
<b>UGR Level</b>	<25			
<b>Tolerance for luminous flux</b>	±10%.			

## Dimensions and Mount

<b>Product Dimension (mm)</b>	φ315×185mm	φ315×195mm
<b>Luminaire Net Weight (kg)</b>	3.1±0.3kg	3.2±0.3kg
<b>Mounting Option</b>	Loop hanging, Ceiling mounting	
<b>Material</b>	Aluminum Alloy, Polycarbonate Optical Lens	
<b>IP Rating</b>	IP65/IK08	
<b>Finish</b>	Powder coating	

## Lifespan and Warranty

<b>Operating Temperature</b>	-30°C to 50°C / 0°C to 50°C with sensor
<b>Life Time @Ta=25°C (hours)</b>	> 162,000 Hrs
<b>Warranty (years)</b>	5

# Dimensions

Unit:mm

