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ABTECH Lighting Solutions

HIGHBAY

DATASHEET Orbit

Round UFO LED highbay



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Description

Orbit is round UFO LED highbay for warehouses, workshops and industrial spaces. A single $\phi 310$ mm luminaire covers three power levels (200 / 150 / 100 W), three colour temperatures (/ 4000 / 3000 6500 K) and three beam spreads (120 / °90 / °60°) – all switchable on the unit – at a high 160 lm/W. Rated IP65 and IK08 in an aluminium body with stainless-steel clips, it carries a Zhaga socket for an optional sensor / control module and a 5-year warranty.

APPLICATIONS

- Warehouses and logistics halls
- Workshops and production areas
- Industrial spaces
- Large indoor areas with high ceilings.

Key Feature

- **One unit, fully switchable:**
power 200 / 150 / 100 W ·
CCT 6500 / 4000 / 3000 K · beam 120 / °90 / °60°
- **High efficacy:**
160 lm/W – up to 32,000 lm at 200 W
- **IP65 ingress protection**
IK08 impact resistance
- **Aluminium body** with stainless-steel clips
- **Suspended (hook) mounting**
- **PF > 0.9 · CRI Ra > 80**
- **5-year warranty / 50,000h Lifetime**

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TECHNICAL SPECIFICATIONS

Product Table

Code	Body size
AB-HBY-ORBIT-D310	φ310 × 145 mm

Power, CCT and beam are all switchable on the unit — one SKU covers the full range.

Selectable output (one unit, switch-set)

Power (adjustable)	Luminous flux (calculated @ 160 lm/W)
100 W	= 16,000 lm
150 W	= 24,000 lm
200 W	= 32,000 lm

Lumens are calculated from the stated efficacy: wattage × 160 lm/W.

Common specifications

Field	Value
Input voltage	AC 220-240 V
Power (adjustable)	100/150/200 W
CCT (selectable)	3CCT - 3000 K / 4000 K / 6500 K
Beam angle (switchable)	60° / 90° / 120° (±20%)
Efficacy	160 lm/W
CRI	Ra > 80
Power factor	PF > 0.9
Ingress protection	IP65
Impact resistance	IK08
Body size	φ310 × 145 mm
Material	Aluminium body + stainless-steel clips
Driver	Sosen - non-isolated
Mounting	Suspended (hook)
Warranty	5 years
Packing	1 pc/plastic bag . 1 pc/middle box . 1 pc/CTN

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INSTALLATION

- **Suspended mounting by hook.**
- **Power (100 / 150 / 200 W), CCT (3000 / 4000 / 6500 K) and beam (60° / 90° / 120°) are all set on the unit** at installation.
- The **Zhaga socket** accepts an optional sensor / control module — **no module is included;** ordered separately.
- IP65 and IK08 rated — suitable for dusty, damp and industrial environments.
- Connect to AC 220–240 V.



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