

A51-Z Series LED High Bay Luminaire



Jarvis A51-Z Series

Cooler operating temperatures because of unique heat-radiating fin design

Available plug-in sensor increases energy savings and performance within seconds

Power supply is balanced on center of fixture so fixture hangs straight

Competitors' Products

Not designed for improved thermal operating temperature reduces fixture lifetime

Complicated sensors are slow and difficult to install

Power supply is not centered, so fixtures need to be balanced to hang straight



Most Popular Models and Specifications:

Catalog #	Description	DLC Model #	Input	Power	Lumens	CCT	CRI	PF
A51-Z-100W-50K-120	100W High Bay w/ 120° Beam Angle	XSY-HBS4P100-50K-LV-120[D;N]-B	120-277V 50/60Hz	100W	15,000 lm	5000K	≥ 70	≥ 0.9
A51-Z-150W-50K-120	150W High Bay w/ 120° Beam Angle	XSY-HBS4P150-50K-LV-120[D;N]-B	120-277V 50/60Hz	150W	22,500 lm	5000K	≥ 70	≥ 0.9
A51-Z-200W-50K-120	200W High Bay w/ 120° Beam Angle	XSY-HBS4P200-50K-LV-120[D;N]-B	120-277V 50/60Hz	200W	30,000 lm	5000K	≥ 70	≥ 0.9
A51-Z-250W-50K-120	200W High Bay w/ 120° Beam Angle	XSY-HBS4P250-50K-LV-120[D;N]-B	120-277V 50/60Hz	250W	37,500 lm	5000K	≥ 70	≥ 0.9

Additional variants may be available. Contact a Jarvis representative for more information.



www.jarvislighting.com



(800) 363-1075





Electrical

Input Voltage: 120-277V 50/60Hz

Power Factor: >.9 at full load

Total Harmonic Distortion: <20% full load

Includes over voltage protection, overcurrent protection, and short circuit protection.

Operating Temperature Range: -40°C to 45° C Ambient (-40°F to 113°F)

Controls and Dimming

1-10V dimming leads are default on all 120-277V input models and accessible outside fixture body.

Both Microwave or PIR PhotoMotion™ sensors are available. PhotoMotion™ sensors provide multi-level control based on both motion and/or ambient natural lighting levels and can be custom programmed via remote control.

The A51-Z Series is also compatible with many other photo sensors and motion sensor systems. Contact a Jarvis representative for more information.

Construction and Materials

Housing is constructed from ADC12 die-cast aluminum.

Die-cast housing features a powdercoat finish. Powdercoat finish is applied directly to aluminum housing and will not crack or peel. Default color is black. Custom colors are available. Contact factory for additional color information.

Built-in integrated power supply design for slim fixture profile.

Lens construction is a shatter resistant polycarbonate with a 120° beam angle.

LEDs are reflow soldered to a metal core circuit board, providing greater thermal transfer than standard circuit board materials.

Luminaire's construction contains zero mercury

Fasteners are stainless-steel and will not rust or create rust-streaks

Regulatory and Voluntary Qualifications

UL listed to UL1598 and UL8750 for both US and Canada

State of California Title 24 Compliant when installed in accordance with local requirements

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

IP66 Rated





Warranty and Lifetime

A51-Z Series carries a 10-year warranty. Contact Jarvis representative for details.

Projected LED lifetime exceeds 50,000 hours under most operating conditions. Lifetime projections are calculated using data including LM-79, LM-80 and TM-21 calculations. Contact Jarvis representative for details.

Installation

Luminaire can be installed via the included hook.

Luminaire features 5' wire leads to ease installation. Dimming wire leads extend 8" outside of the fixture.

Contact a Jarvis Representative for full installation instructions, videos or additional information.

Accessories:

Catalog #	Description
A325M	Microwave PhotoMotion™ Sensor
A326	Remote Control for A325M PhotoMotion™ Sensor
A331P	PIR PhotoMotion™ Sensor
A315	Remote Control for A331P PhotoMotion™ Sensor

Contact a Jarvis representative for more information.

Photometrics

Photometric information, including LM-79 reports and .IES files are available for most models at www.jarvislighting.com. Site photometrics and lighting layouts are available. Contact a Jarvis representative.



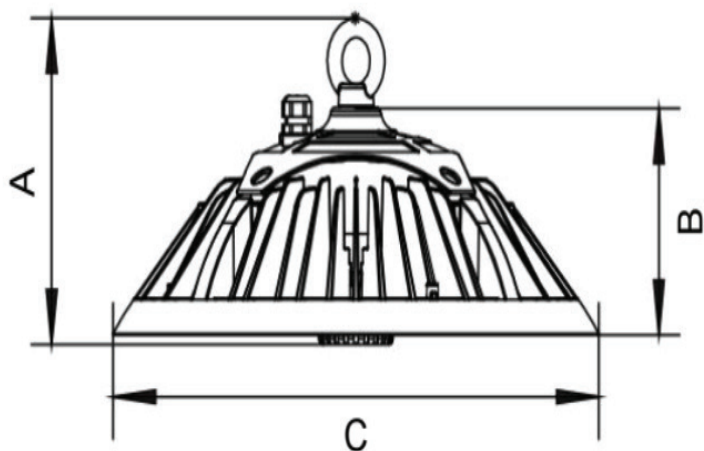
Product Net Weight:

Part Number	Weight
A51-Z-100/150W	6.6 lbs
A51-Z-200/250W	10.1 lbs

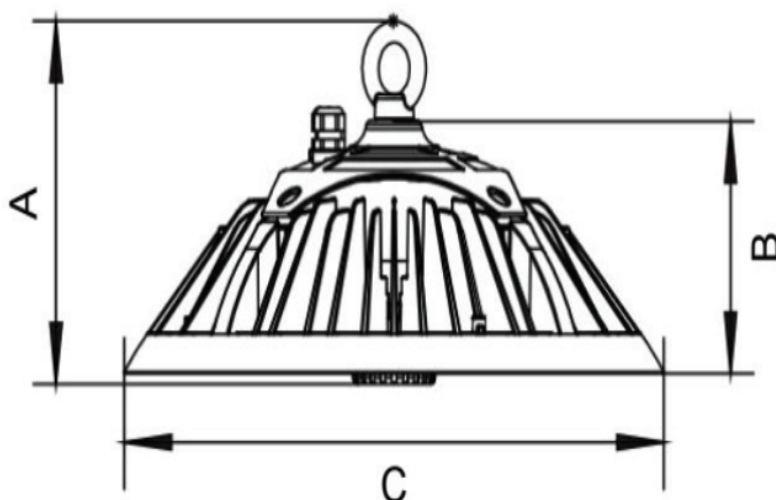
Dimensions:

Catalog #	A	B	C
A51-Z-100/150W	5.4"	3.5"	11.6"
A51-Z-200/250W	6.5"	4.6"	12.9"

A51-Z-100/150W



A51-Z-200/250W



BRIGHT DONE RIGHT™

