



LED Highbay Fixture, 100W, 15000lm, 5000K CCT, IP66 Rated, 1-10V Dimmable

- Delivers 15,000 lumens at 100W for 150 lm/W efficacy
- 5000K color temperature with CRI 70 for daylight-matched output
- IP66 rated for dust and water exposure in industrial settings
- 1-10V dimmable control compatible with standard dimming systems
- Aluminum housing with tempered glass lens, black finish
- Rated for -20°C to 40°C ambient operating range

OVERVIEW

The 9-HB-RA100-50K-BK is a 100W LED highbay fixture designed for commercial and industrial overhead lighting in warehouses, manufacturing facilities, and large retail spaces. The aluminum housing features a black finish and tempered glass lens.

This fixture delivers 15,000 lumens at 5000K color temperature with a CRI of 70 and an efficacy of 150 lm/W. It operates on 120-277V input and supports 1-10V dimming. The IP66 rating allows use in environments exposed to dust and water. Rated LED lifetime is 50,000 hours, and the fixture is rated for ambient temperatures from -20°C to 40°C.

This unit carries ETL, DLC, and RoHS certifications along with a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	15,000 lm
Efficacy	150 lm/W
Color Temperature	5,000 K
CRI	70
LED Lifetime	50,000 h
Light Color	White
Lens Type	Tempered Glass

MECHANICAL

Product Dimensions	14 × 14 × 9 in
Finish	Black
Material	Aluminum
Weight	9.4 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	100 W
Dimmer Type	1 - 10V

ENVIRONMENTAL

IP Rating	IP66
Ambient Operating Temperature	-20-40 °C -4-104 °F

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

DLC

DesignLights Consortium

RoHS

RoHS Compliant

APPLICATIONS

Warehouse and distribution center lighting

Manufacturing and industrial facility overhead lighting

Large retail and big-box store illumination

Gymnasium and sports facility lighting

Loading dock and outdoor covered area lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	15,000 lm	db	high
efficacy_lm_per_w	150 lm/W	db	high
cct_k	5,000 K	db	high
cri	70	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
lens_type	Tempered Glass	db	high
operating_voltage	120–277 V	db	high
wattage	100 W	db	high
dimmer_type	1 - 10V	db	high
product_dimensions	14 × 14 × 9 in	db	high
finish	Black	db	high
material	Aluminum	db	high
weight	9.4 lb	db	high
ip_rating	IP66	db	high
ambient_temp_c	-20–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.