



LED Linear Highbay 165W 5000K 23100lm 120-277VAC, 100° Beam

- Delivers 23,100 lumens at 140 lm/W efficacy from 165W input
- 120-277VAC input voltage range for flexible power compatibility
- 100-degree beam angle using SMD4835 LED chips for wide distribution
- 5000K color temperature at 80 CRI for consistent illumination
- Rated for 50,000 hours operation across -20 to 40°C ambient range
- Aluminum housing measures 630 × 300 × 48mm, UL and DLC listed, 5-year warranty

OVERVIEW

The HB-L Series LED Linear Highbay is built for commercial and industrial spaces requiring wide, uniform illumination, including warehouses, manufacturing facilities and distribution centers. It mounts to ceiling structures via hook with two included 1-meter chains for straightforward installation.

The fixture operates at 165W across a 120-277VAC input range and delivers 23,100 lumens at 140 lm/W efficacy, with a 100-degree beam angle for broad light spread. It produces 5000K color temperature at 80 CRI using SMD4835 LED chips, rated for 50,000 hours of operation and an ambient range of -20 to 40°C. The aluminum housing measures 630 × 300 × 48mm.

The fixture is UL and DLC listed and backed by a 5-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	23,100 lm
Efficacy	140 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	100°
LED Chip Type	SMD4835
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	630*300*48MM
Material	Aluminum

ORDERING

Warranty	5 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	165 W

ENVIRONMENTAL

Ambient Operating Temperature	-20-40 °C -4-104 °F
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CERTIFICATIONS & COMPLIANCE

UL

UL Listed

DLC

DesignLights Consortium

APPLICATIONS

- Warehouse aisle and ceiling lighting
- Manufacturing facility work areas
- Distribution center storage zones
- Industrial workshops and plants
- Large-format retail or commercial spaces

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	23,100 lm	db	high
efficacy_lm_per_w	140 lm/W	db	high
cct_k	5,000 K	db	high
cri	80	db	high
beam_angle_deg	100°	db	high
led_chip_type	SMD4835	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–277 V	db	high
wattage	165 W	db	high
product_dimensions	630*300*48MM	db	high
material	Aluminum	db	high
ambient_temp_c	-20–40 °C	db	high
warranty_years	5 y	db	high

Specifications subject to change without notice.