



Linear LED Highbay Fixture, 300W,
42,000 Lumens, 5000K, 120-277VAC

- Consumes 300W to produce 42,000 lumens of output
- Rated efficacy of 140 lumens per watt at 5000K CCT
- 100-degree beam angle for broad, uniform coverage
- Aluminum housing with white finish rated -20°C to 40°C ambient
- UL and DLC certified with a 5-year warranty
- Operates on 120-277VAC universal input voltage

OVERVIEW

The HB-L Series 300W Linear LED Highbay is designed for commercial and industrial overhead lighting, including warehouses, manufacturing facilities, and large retail spaces. It delivers broad, uniform illumination suited to high-ceiling environments and installs via included mounting chains.

The fixture draws 300W and produces 42,000 lumens at 5000K with 80 CRI, yielding a rated efficacy of 140 lumens per watt across a 100-degree beam angle. The housing is constructed from aluminum with a white finish and is rated for ambient temperatures from -20°C to 40°C, with an LED lifetime of 50,000 hours.

The HB-L Series carries UL and DLC certification and is backed by a 5-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	42,000 lm
Efficacy	140 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	100°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Finish	White
Material	Aluminum

ORDERING

Warranty	5 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	300 W

ENVIRONMENTAL

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



UL Listed



DesignLights Consortium

APPLICATIONS

- Warehouse and distribution center lighting
- Manufacturing facility overhead illumination
- Large retail space lighting
- High-bay industrial workspaces
- Gymnasiums and indoor sports facilities

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	42,000 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_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–277 V	db	high
wattage	300 W	db	high
finish	White	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.