



220W LED Linear Highbay, 30800lm, 5000K, 90° Beam, 120-277VAC

- Delivers 30,800 lumens at 140 lm/W efficacy
- Lumileds SMD2835 LED chips for consistent output
- 90-degree beam angle for broad light distribution
- Operates on 120-277VAC across -20 to 40°C ambient range
- UL and DLC certified aluminum housing with 5-year warranty
- Includes mounting chains, dimensions 630×360×48mm

OVERVIEW

The HB-L Series LED Linear Highbay is designed for commercial and industrial overhead lighting applications, including warehouses, factories, and gymnasiums. Its linear form factor and aluminum housing provide broad, uniform illumination suited to large open-plan spaces.

This fixture operates at 220W and delivers 30,800 lumens at 5000K color temperature, yielding an efficacy of 140 lm/W and a CRI of 80. It utilizes Lumileds SMD2835 LED chips and is rated for a 90-degree beam angle, operating on 120-277VAC across an ambient range of -20 to 40°C.

The HB-L Series carries UL and DLC certification and is backed by a 5-year warranty. Installation hardware (chains) is included.

SPECIFICATIONS

OPTICAL

Luminous Flux	30,800 lm
Efficacy	140 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	90°
LED Chip Type	SMD2835
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	630*360*48MM
Finish	White
Material	Aluminum

ORDERING

Warranty	5 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	220 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 overhead lighting
- Factory and industrial plant lighting
- Gymnasium and sports facility illumination
- Distribution center high-ceiling installations
- Big-box retail and storage facilities

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	30,800 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	90°	db	high
led_chip_type	SMD2835	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–277 V	db	high
wattage	220 W	db	high
product_dimensions	630*360*48MM	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.