

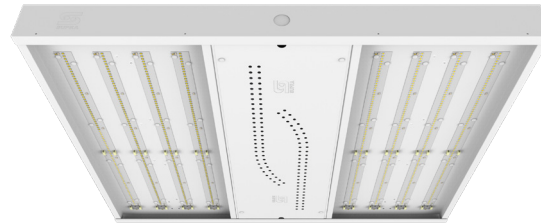


HBX
HIGH BAY SERIES LED

HBX

DATASHEET
HIGH BAY SERIES LED

The HBX High Bay Series LED luminaire is designed to meet the needs of warehouse and light industrial settings with sensor and dimming options that can further extend the life of the product.



Applications

- Industrial
- Warehouses
- Gymnasiums
- Showrooms
- Shopping Centers
- Supermarkets

Certifications

- DesignLights Consortium® (DLC)
- C-UL-US Certified
- NOM



Wireless Controls

Available wireless controls option includes the integrated SupraLink sensor programmable remotely through Bluetooth using the smartphone app.

Warranty

5-year limited warranty, provided the specifications in the product installation manual have been followed. All other express and implied warranties are disclaimed.

Lighting Distribution

- Open Distribution (OD)
- Targeted Distribution (TD)

Note: Actual performance may vary with end-user environment and application.





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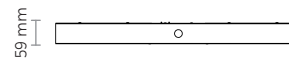
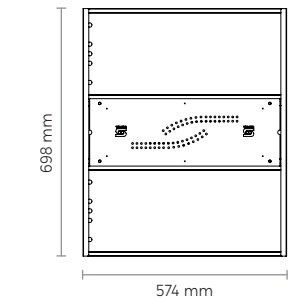
Installation

Suitable for cable or chain installation. Includes two snap hooks.

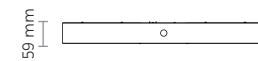
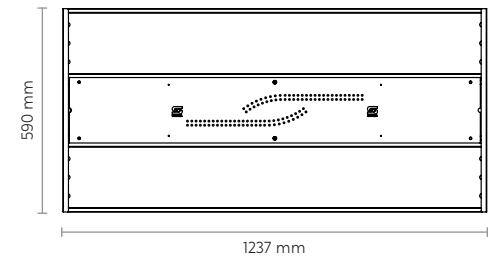


Models

L27, L24, L21, L19, L17, L14, L11



L58, L47, L39, L31



Electrical Specifications

- Electrical Driver
- Voltage: 120-277 V~
- Surge Protection: 6 kV
- Dimming Method: 0-10 V (DC)
- Dimming Range: 10-100%
- Operating Temperature:
-40°C to +50°C

Lumens

- L90(25°C)=130,000hrs.
- L70(25°C)=450,000hrs.
- L90(55°C)=60,000hrs.
- L70(55°C)=230,000hrs.



HBX-L21-OD-SC-850-MV
All fixture bodies available in
black or galvanized.

FAMILY	LUMEN CODE	ELECTRIC @120V				ELECTRIC @277V			
		VOLTAGE	PF	THD	WATTAGE	VOLTAGE	PF	THD	WATTAGE
HBX	L58	120V	0.99	5%	313	277V	0.98	7%	310
HBX	L49	120V	0.99	6%	265	277V	0.97	8%	262
HBX	L39	120V	0.99	5%	208	277V	0.97	7%	206
HBX	L31	120V	0.99	6%	168	277V	0.97	9%	168
HBX	L27	120V	0.99	7%	154	277V	0.97	9%	154
HBX	L24	120V	0.99	7%	139	277V	0.96	10%	139
HBX	L21	120V	0.98	10%	123	277V	0.95	12%	123
HBX	L19	120V	0.99	5%	103	277V	0.98	7%	102
HBX	L17	120V	0.99	5%	96	277V	0.98	8%	95
HBX	L14	120V	0.99	6%	81	277V	0.97	9%	81
HBX	L11	120V	0.99	8%	64	277V	0.96	11%	64



HBX

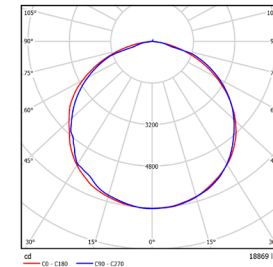
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Luminous Flux vs Ambient Temperature

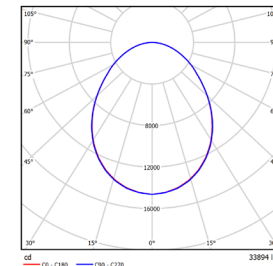
Final luminous flux depends on the ambient temperature of the luminaire's location. Multiply the correction factor by the luminous flux output for the selected model to determine the final luminous flux.

TEMPERATURE	CORRECTION FACTOR
25 °C	1
30 °C	0.98
35 °C	0.97
40 °C	0.97
45 °C	0.96
50 °C	0.95
55 °C	0.95
60 °C	0.94

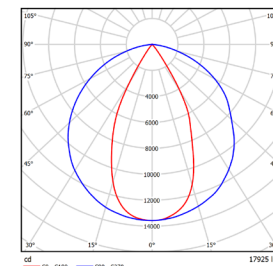
Light Distribution



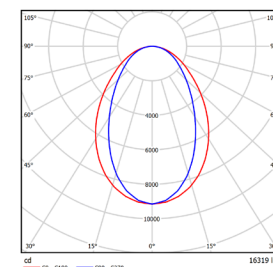
Open distribution with or without transparent cover. (OD-WD & OD-TC)



Open distribution with polymethyl methacrylate lens. (OD-PMMA)



Distribution directed with or without transparent cover. (TD-WD & TD-TC)



Distribution directed with polymethyl methacrylate lens. (TD-PMMA)

FAMILY	LUMEN CODE	DIFFUSER	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
HBX	L58	WD	≥80	5000 K	59,853	277 V	310 W	193 lm/W
HBX	L49	WD	≥80	5000 K	51,611	277 V	262 W	197 lm/W
HBX	L39	WD	≥80	5000 K	39,902	277 V	206 W	194 lm/W
HBX	L31	WD	≥80	5000 K	32,677	277 V	168 W	195 lm/W
HBX	L27	WD	≥80	5000 K	29,063	277 V	154 W	188 lm/W
HBX	L24	WD	≥80	5000 K	26,239	277 V	139 W	189 lm/W
HBX	L21	WD	≥80	5000 K	23,350	277 V	123 W	190 lm/W
HBX	L19	WD	≥80	5000 K	20,330	277 V	102 W	200 lm/W
HBX	L17	WD	≥80	5000 K	18,611	277 V	95 W	195 lm/W
HBX	L14	WD	≥80	5000 K	15,834	277 V	81 W	195 lm/W
HBX	L11	WD	≥80	5000 K	12,432	277 V	64 W	195 lm/W
HBX	L58	WD	≥80	4000 K	59,853	277 V	310 W	193 lm/W
HBX	L49	WD	≥80	4000 K	51,611	277 V	262 W	197 lm/W
HBX	L39	WD	≥80	4000 K	39,902	277 V	206 W	194 lm/W
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HBX	L19	WD	≥80	4000 K	20,330	277 V	102 W	200 lm/W
HBX	L17	WD	≥80	4000 K	18,611	277 V	95 W	195 lm/W
HBX	L14	WD	≥80	4000 K	15,834	277 V	81 W	195 lm/W
HBX	L11	WD	≥80	4000 K	12,432	277 V	64 W	195 lm/W

Order Information

Example Order:

① ② ③ ④ ⑤ ⑥ ⑦
HBX-L19-OD-WD-850-MV-SL

Codes:

① Family

HBX

② Lumen Code:

L58: ≥58,000 lm	L21: ≥21,000 lm
L49: ≥49,000 lm	L19: ≥19,000 lm
L39: ≥39,000 lm	L17: ≥17,000 lm
L31: ≥31,000 lm	L14: ≥14,000 lm
L27: ≥27,000 lm	L11: ≥11,000 lm
L24: ≥24,000 lm	

③ Light Distribution

OD: Open Distribution
TD: Targeted Distribution

④ Diffuser

WD: Without Diffuser
PMMA: Polymethyl Methacrylate
TC: Transparent Cover

⑤ Color Codes

850: CRI: 80 & CCT: 5000 K
840: CRI: 80 & CCT: 4000 K
For more CCT options,
consult your sales agent.

⑥ Voltage

MV: 120 - 277 V~
480: 347 - 480 V~

⑦ Accessories

ED: Emergency Driver
SL: SupraLink
IS: Intelligent Sensor
WMS: Wide Motion Sensor
NMS: Narrow Motion Sensor

HBX-L19-OD-PMMA-840-MV



HBX-L19-OD-TC-840-MV



HBX-L19-TD-WD-840-MV



Contact

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