

LINEAR HIGHBAY LUMINAIRES



Description

Venture Lighting's new Linear High Bay series offers a cost-effective and high-quality lighting solution which is ideal for a wide variety of lighting applications such as: distribution centers, retail or big box spaces, warehouses/manufacturing facilities, schools with multiple purpose gymnasiums and other industrial applications. Robust construction and fully dimmable, it delivers exceptional DLC premium performance by balancing high lumen output and wattage savings making it a perfect replace both traditional fluorescent and HID high bay fixtures. Flexible product series with motion sensor, emergency battery pack, flexible conduit, wire-guards and a range of mounting options from cable, pendant and surface mounting making it suitable for virtually any lighting requirement.

Performance

- CCT options: 4000K or 5000K
- CRI: 80+
- DLC Premium Certified
- Efficacy of up to 137 lumens per watt

Construction

- The housing is constructed from cold rolled steel to provide rigidity and strength.
- Each housing is finished with a white polyester powder coat.
- Each fixture is supplied with a pair of V-Hook and 2 pcs of 1 meter long chain

Optics

Available in clear polycarbonate lens version for increased output or frosted lens version for providing diffused light distribution.

Electrical

- Standard Universal Voltage - 120-277V 50/60 Hz
- Standard 0-10V DC dimming (Wattage range: 10% to 100%)
- Optional 17W battery back-up factory installation available
- Operating Temperature Range: -22°F to 113°F (-30°C to 45°C)

Installation

- V-hook & chains (supplied)
- Pendant mount (optional)
- Surface mount (optional)

Controls

- Standard 0-10V DC dimming (Wattage range: 10% to 100%)

Warranty

- 5-year limited warranty

Compliance

- cULus Listed
- DLC Premium Certified
- Rated for damp and dry locations

Catalog Number
Type
Date
Notes



Shown with factory installed Bluetooth PIR Sensor



Ordering & Model Number Information

Luminaire Wattage	Order Code	Product Description	DLC Model Number	Replaces Existing Luminaire
110W	HB36814	Clear Lens; 4000K; 120-277V; 14740 lm	HBL3-110NADC	Up to 250W HID or 4-lamp T-8 Fluorescent
	HB18723	Frosted Lens; 4000K; 120-277V; 14000 lm	HBL3-110NADF	
	HB17816	Clear Lens; 5000K; 120-277V; 14800 lm	HBL3-110CADC	
	HB91027	Frosted Lens; 5000K; 120-277V; 14400 lm	HBL3-110CADF	
162W	HB16734	Clear Lens; 4000K; 120-277V; 21870 lm	HBL3-160NADC	Up to 400W HID or 6-lamp T-8 Fluorescent
	HB86012	Frosted Lens; 4000K; 120-277V; 21060 lm	HBL3-160NADF	
	HB29124	Clear Lens; 5000K; 120-277V; 22030 lm	HBL3-160CADC	
	HB53189	Frosted Lens; 5000K; 120-277V; 21220 lm	HBL3-160CADF	
223W	HB26523	Clear Lens; 4000K; 120-277V; 29880 lm	HBL3-220NADC	Up to 1000W HID
	HB81892	Frosted Lens; 4000K; 120-277V; 28990 lm	HBL3-220NADF	
	HB64127	Clear Lens; 5000K; 120-277V; 30110 lm	HBL3-220CADC	
	HB73124	Frosted Lens; 5000K; 120-277V; 29210 lm	HBL3-220CADF	

Factory installed accessories are available, see page 2.

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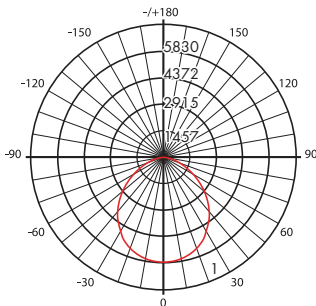
Performance Data

Wattage	Lens	CCT	Lumen Output	CRI	Lumens Per Watt	Amp. Draw (A)		Rated Life Hours	Full Power IES File	Battery Back-up Mode Lumens	Battery Back-up Mode IES File
						120V	277V				
110W	Clear	4000K	14740	80	134	0.95	0.42	50,000	IES File	3540	IES File
	Frosted	4000K	14000		127				IES File	3360	IES File
	Clear	5000K	14800		135				IES File	3560	IES File
	Frosted	5000K	14400		131				IES File	3460	IES File
162W	Clear	4000K	21870	80	125	1.40	0.60	50,000	IES File	3240	IES File
	Frosted	4000K	21060		125				IES File	3090	IES File
	Clear	5000K	22030		131				IES File	3400	IES File
	Frosted	5000K	21220		131				IES File	3240	IES File
223W	Clear	4000K	29880	80	136	1.90	0.80	50,000	IES File	3330	IES File
	Frosted	4000K	28990		132				IES File	3230	IES File
	Clear	5000K	30110		137				IES File	3360	IES File
	Frosted	5000K	29210		133				IES File	3260	IES File

Photometrics

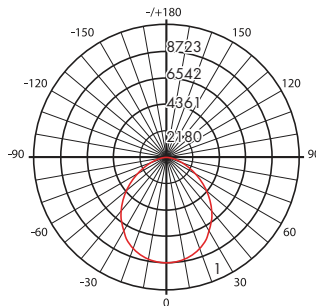
110W Linear Highbay

Luminous Intensity Distribution Diagram



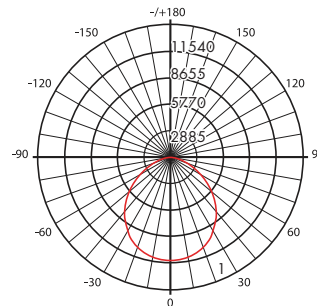
162W Linear Highbay

Luminous Intensity Distribution Diagram



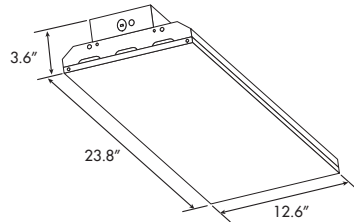
223W Linear Highbay

Luminous Intensity Distribution Diagram

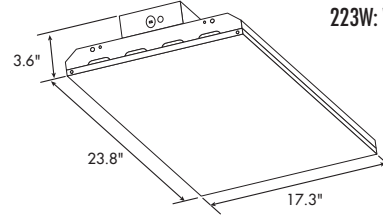


Dimensions

110W: Weight: 10.2 lbs (4.6 kg)
162W: Weight: 10.4 lbs (4.7 kg)



223W: Weight: 13.5 lbs (6.1 kg)



Accessories

- AC24512 - 1 meter chain with S-hooks (2pcs) (replacement)
- PH41623 - Dry/damp rated motion/on-off sensor only
- PH77409 - Dry/damp rated motion/on-off/photocell/dimming sensor
- KT37505 - Pendant mount kit with hardware (white)
- KT31549 - Bluetooth PIR Sensor (white)

Factory installed accessories:

- Add suffix "-S1" for a MOTION ONLY Sensor; Part # PH41623
- Add suffix "-S2" for a MOTION/DIM/PHOTOCELL Sensor; Part # PH77409
- Add suffix "-S5" for a Bluetooth PIR Sensor; Part # KT31549
- Add suffix "-EM" for a 17W battery back-up

Factory installed plug and cable options:

- Add suffix "-P6-C" for 120V NEMA L5-15P molded plug with 11ft cable
- Add suffix "-P10-C" for 208V NEMA L18-20P molded plug with 11ft cable
- Add suffix "-P7-C" for 240V NEMA L6-15P molded plug with 11ft cable
- Add suffix "-P8-C" for 277V NEMA L7-15P molded plug with 11ft cable



NEMA L5-15P



NEMA L6-15P



NEMA L7-15P



NEMA L18-20P

Accessories for 110W & 162W

- LN31105 - Clear Lens for field replacement
- LN31110 - Frosted Lens for field replacement
- KT37304 - Surface mount kit (white)
- KT42515 - Wire guard kit with hardware
- AC35207 - V-Hook (2 pcs set - replacement)

Accessories for 223W

- LN31115 - Clear Lens for field replacement
- LN31120 - Frosted Lens for field replacement
- KT37308 - Surface mount kit (white)
- KT42520 - Wire guard kit with hardware
- AC35213 - V-Hook (2 pcs set - replacement)

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