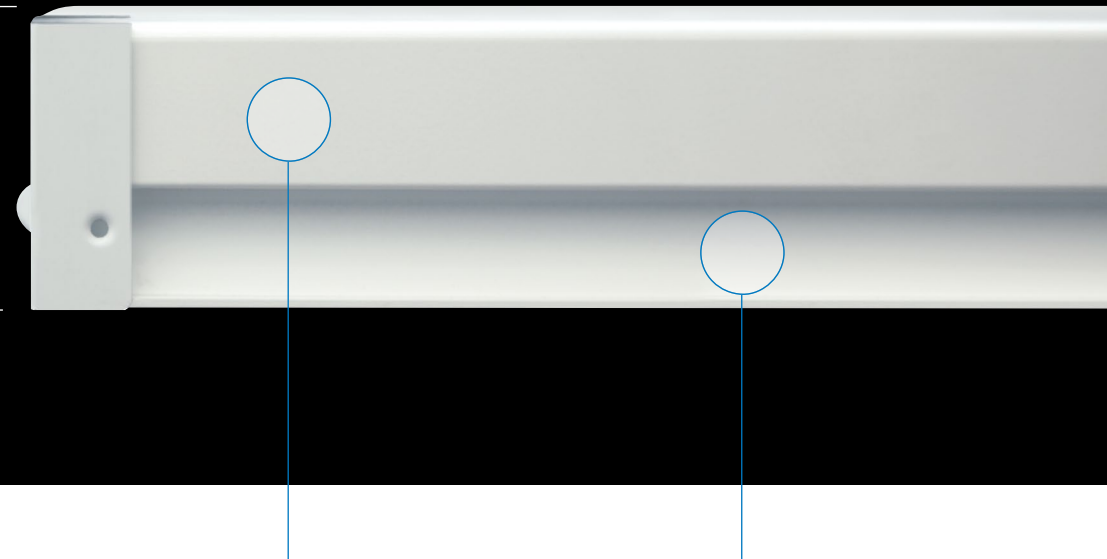
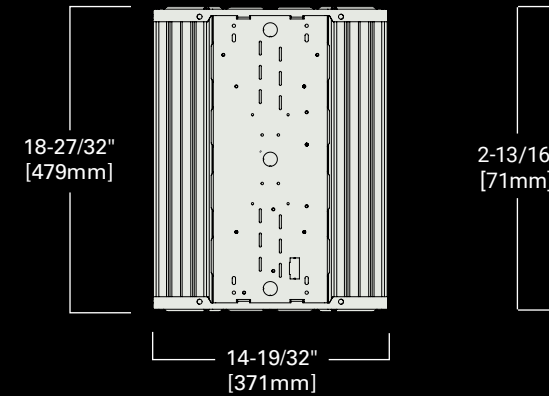
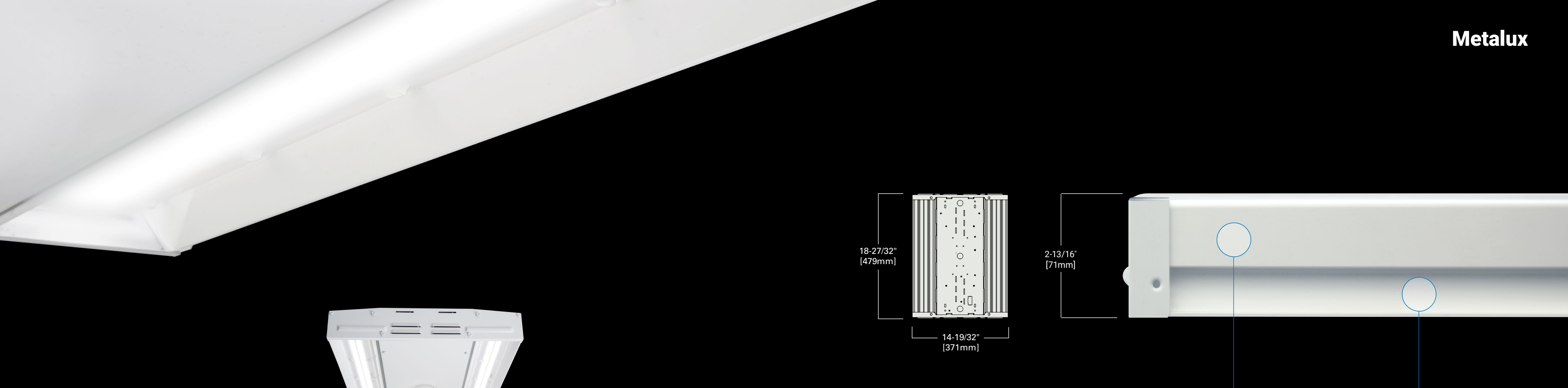


VHB LED
High bay luminaire

Metalux





VHB LED high bay

The **VHB** is designed for a wide variety of applications and mounting heights with a balance of fixture performance and affordability. Precision-designed optics, multiple distributions, lumen outputs and color temperatures make the VHB ideal for industrial, commercial, manufacturing, gymnasium and other applications that utilize traditional linear fluorescent and HID high bays. The proprietary discrete, low-brightness LED module assembly offers exceptional optical performance with the enhanced benefits of LED lighting, including energy savings, extended system life, and reduced carbon footprint.

Perfect for renovation or new construction

Ideal one-for-one replacement

No maintenance required

Bottom line savings and industry leading performance



Simple switch available to set lumens as needed for the task



Compact and durable construction

- Extruded aluminum and CRS construction for added durability
- Compact 15" x 18" low-profile housing
- Precision-designed, high-impact polycarbonate optics
- Suspension mountable with V-Hangers (supplied)






Energy saving LED

- Up to 65% energy savings
- Optional sensor for added energy savings
- No relamping required
- 12' – 30' mounting heights

Construction

VHB high bay
Compact 15" x 18" design for ease of installation
Durable extruded aluminum and CRS construction
High-impact polycarbonate lens protects LEDs
Eight lumen packages available (9,000, 12,000, 15,000, 18,000, 24,000, 30,000, 36,000, and 48,000)
Lumen select switch available with either 12,000 / 15,000 or 18,000 / 24,000 lumens
Ideal for 12' - 30' mounting heights
Suspension mountable with V-Hangers (supplied)
Optional single-point mounting kit reduces installation time
Easy one-for-one replacement
Optional wire guard for added protection

Mounting

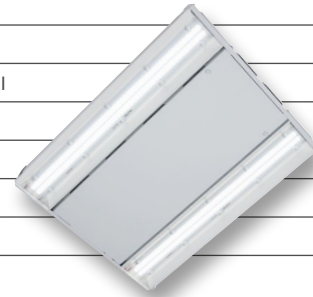
VHB-SPM=Single point mount adapter kit	FH-1=2-1/2" fixture hook	FL-1=2-1/2" fixture loop	HBAYC-CHAIN/SET/ U= Hook style mounting chain set	Y-Toggle= Mounting toggle and cable
				

Compliance and approvals



Performance

VHB high bay
Up to 65% energy savings compared to traditional high bay fixtures
High-performance efficacy up to 164 lumens per watt
Three Correlated Color Temperatures (3500K, 4000K, 5000K) at typical 85 CRI
Precision optics in Narrow and Wide distribution
Lumen maintenance of L87 @ 60,000 hours
Optional sensor control for added energy savings
Binning: Per ANSI, 3-step MacAdam ellipse

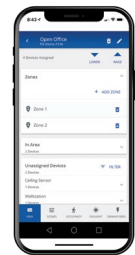


Photometrics

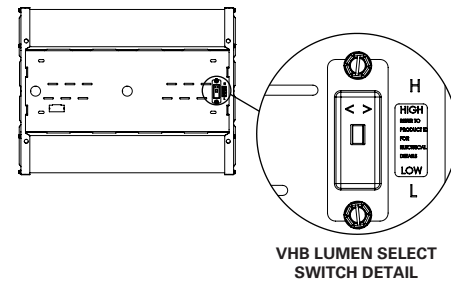
Narrow – 18,047 lumens	Wide – 18,857 lumens
<p>VHB-18-N-UNV-L840-CD-U Electronic Driver Linear LED 4000K Spacing criterion: (II) 1.29 x mounting height, (L) 0.77 x mounting height Lumens: 18047 Input Watts: 125W Efficacy: 144.4 LPW Test Report: VHB-18-N-UNV-L840-CD-U.IES</p>	<p>VHB-18-W-UNV-L850-CD-U Electronic Driver Linear LED 5000K Spacing criterion: (II) 1.29 x mounting height, (L) 1.19 x mounting height Lumens: 18857 Input Watts: 125W Efficacy: 151 LPW Test Report: VHB-18-W-UNV-L850-CD-U.IES</p>

WaveLinx

WaveLinx provides the VHB a wireless, cost effective method for deploying a sensor network that not only meets code requirements but creates a foundation for IoT value-added applications.



Lumen Select



VHB LUMEN SELECT SWITCH DETAIL

Energy data (narrow)

Catalog Number	Delivered Lumens	Watts	Efficacy (lm/W)
Narrow			
VHB-9-N-UNV-L835-CD-U	8849	56	158
VHB-9-N-UNV-L840-CD-U	8952	56	160
VHB-9-N-UNV-L850-CD-U	9171	56	164
VHB-12-N-UNV-L835-CD-U	11899	80	149
VHB-12-N-UNV-L840-CD-U	12039	80	151
VHB-12-N-UNV-L850-CD-U	12333	80	154
VHB-15-N-UNV-L835-CD-U	15063	104	145
VHB-15-N-UNV-L840-CD-U	15239	104	147
VHB-15-N-UNV-L850-CD-U	15612	104	150
VHB-18-N-UNV-L835-CD-U	17839	125	143
VHB-18-N-UNV-L840-CD-U	18047	125	144
VHB-18-N-UNV-L850-CD-U	18489	125	148
VHB-24-N-UNV-L835-CD-U	23986	165	145
VHB-24-N-UNV-L840-CD-U	24266	165	147
VHB-24-N-UNV-L850-CD-U	24860	168	151
VHB-30-N-UNV-L835-CD-U	29383	204	144
VHB-30-N-UNV-L840-CD-U	29727	204	146
VHB-30-N-UNV-L850-CD-U	30455	204	149
VHB-36-N-UNV-L835-CD-U	35084	246	143
VHB-36-N-UNV-L840-CD-U	35494	246	144
VHB-36-N-UNV-L850-CD-U	36363	246	148
VHB-48-N-UNV-L835-CD-U	46386	324	143
VHB-48-N-UNV-L840-CD-U	46928	324	145
VHB-48-N-UNV-L850-CD-U	48078	324	148

Note: See VHB spec sheet for Lumen Select energy data.

Energy data (wide)

Catalog Number	Delivered Lumens	Watts	Efficacy (lm/W)
Wide			
VHB-9-W-UNV-L835-CD-U	9025	56	161
VHB-9-W-UNV-L840-CD-U	9130	56	163
VHB-9-W-UNV-L850-CD-U	9354	56	167
VHB-12-W-UNV-L835-CD-U	12136	80	152
VHB-12-W-UNV-L840-CD-U	12278	80	154
VHB-12-W-UNV-L850-CD-U	12579	80	157
VHB-15-W-UNV-L835-CD-U	15363	104	148
VHB-15-W-UNV-L840-CD-U	15542	104	149
VHB-15-W-UNV-L850-CD-U	15923	104	153
VHB-18-W-UNV-L835-CD-U	18194	125	146
VHB-18-W-UNV-L840-CD-U	18406	125	147
VHB-18-W-UNV-L850-CD-U	18857	125	151
VHB-24-W-UNV-L835-CD-U	24463	165	148
VHB-24-W-UNV-L840-CD-U	24749	165	150
VHB-24-W-UNV-L850-CD-U	25355	165	154
VHB-30-W-UNV-L835-CD-U	29968	204	147
VHB-30-W-UNV-L840-CD-U	30319	204	149
VHB-30-W-UNV-L850-CD-U	31061	204	152
VHB-36-W-UNV-L835-CD-U	35782	246	146
VHB-36-W-UNV-L840-CD-U	36201	246	147
VHB-36-W-UNV-L850-CD-U	37086	246	151
VHB-48-W-UNV-L835-CD-U	47309	324	146
VHB-48-W-UNV-L840-CD-U	47862	324	148
VHB-48-W-UNV-L850-CD-U	49033	324	151

Note: See VHB spec sheet for Lumen Select energy data.

Lighting Brands

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Streetworks
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Telensa

Controls Brands

Greengate
Fifth Light

Connected Lighting Systems

WaveLinx

IoT Platforms

Trellix



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Printed in USA
Publication No. BR507010EN
September 19, 2022 4:33 PM

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