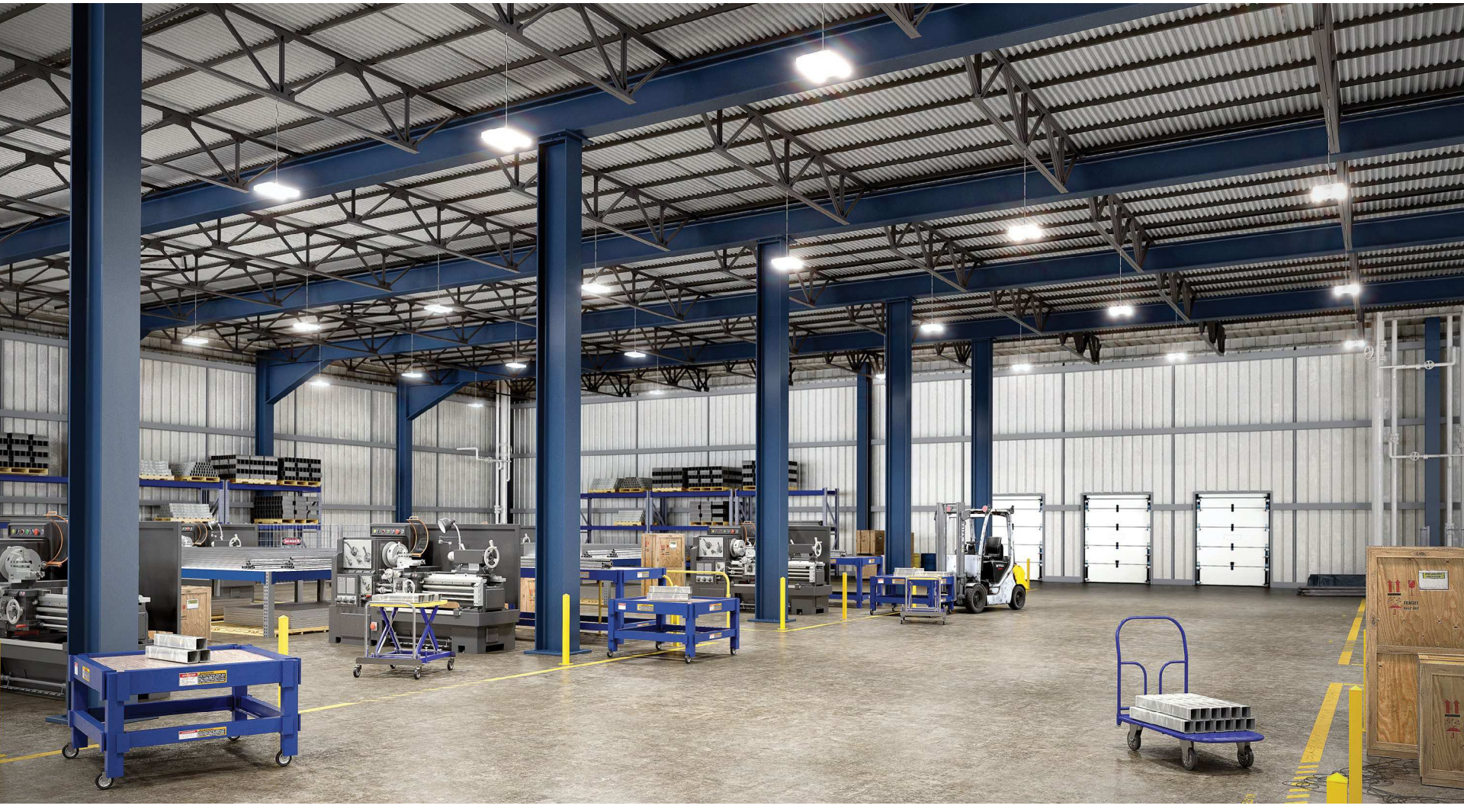
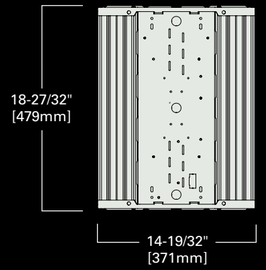
VHB LED
High bay luminaire

Metalux



COOPER Lighting Solutions



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!

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
Five lumen packages (9,000, 12,000, 15,000, 18,000, 24,000)
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

LM79 / LM80 Compliant

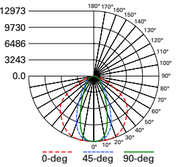
damp location

Performance

VHB high bay
Up to 65% energy savings compared to traditional high bay fixtures
High-performance efficacy up to 147 lumens per watt
Three Correlated Color Temperatures (3500K, 4000K, 5000K) at typical 85 CRI
Precision optics in Narrow and Wide distribution
Lumen maintenance of L85 @ 60,000 hours
Optional sensor control for added energy savings
Binning: Per ANSI, 3-step MacAdam elipse

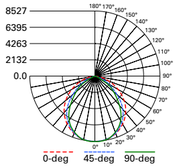
Photometrics

Narrow– 18,284 lumens



VHB-18-N-UNV-L840-CD-U
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.29 x mounting height, (⊥) 0.77 x mounting height
Lumens: 18284
Input Watts: 133.8W
Efficacy: 140 LPW
Test Report: VHB-18-N-UNV-L840-CD-U.IES

Wide– 19,160 lumens



VHB-18-W-UNV-L850-CD-U
Electronic Driver
Linear LED 5000K
Spacing criterion: (II) 1.26 x mounting height, (⊥) 1.19 x mounting height
Lumens: 19160
Input Watts: 133.8W
Efficacy: 143 LPW
Test Report: VHB-18-W-UNV-L850-CD-U.IES

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.

Energy data

Catalog Number	Delivered Lumens	Watts	Efficacy (lm/W)
Narrow			
VHB-9-N-UNV-L835-CD-U	8842	64.6	137
VHB-9-N-UNV-L840-CD-U	9016	64.6	140
VHB-9-N-UNV-L850-CD-U	9264	64.6	143
VHB-12-N-UNV-L835-CD-U	11953	87.0	137
VHB-12-N-UNV-L840-CD-U	12188	87.0	140
VHB-12-N-UNV-L850-CD-U	12524	87.0	144
VHB-15-N-UNV-L835-CD-U	14824	111.6	133
VHB-15-N-UNV-L840-CD-U	15117	111.6	135
VHB-15-N-UNV-L850-CD-U	15533	111.6	139
VHB-18-N-UNV-L835-CD-U	17931	133.8	134
VHB-18-N-UNV-L840-CD-U	18284	133.8	137
VHB-18-N-UNV-L850-CD-U	18787	133.8	140
VHB-24-N-UNV-L835-CD-U	22172	174.1	127
VHB-24-N-UNV-L840-CD-U	22608	174.1	130
VHB-24-N-UNV-L850-CD-U	23231	174.1	133
Wide			
VHB-9-W-UNV-L835-CD-U	9018	64.6	140
VHB-9-W-UNV-L840-CD-U	9195	64.6	142
VHB-9-W-UNV-L850-CD-U	9448	64.6	146
VHB-12-W-UNV-L835-CD-U	12191	87.0	140
VHB-12-W-UNV-L840-CD-U	12430	87.0	143
VHB-12-W-UNV-L850-CD-U	12773	87.0	147
VHB-15-W-UNV-L835-CD-U	15120	111.6	135
VHB-15-W-UNV-L840-CD-U	15417	111.6	138
VHB-15-W-UNV-L850-CD-U	15841	111.6	142
VHB-18-W-UNV-L835-CD-U	18287	133.8	137
VHB-18-W-UNV-L840-CD-U	18647	133.8	139
VHB-18-W-UNV-L850-CD-U	19160	133.8	143
VHB-24-W-UNV-L835-CD-U	22613	174.1	130
VHB-24-W-UNV-L840-CD-U	23057	174.1	132
VHB-24-W-UNV-L850-CD-U	23692	174.1	136

Lighting Product Lines

Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
Halo
Halo Commercial
Invue
io
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
RSA
Shaper
Streetworks
Sure-Lites

Controls Product Lines

Fifth Light Technology
Greengate
iLight (International Only)
iLumin
Zero 88

Connected Lighting Systems

Distributed Low-Voltage Power
HALO Home
iLumin Plus
LumaWatt Pro
WaveLinx
Trellix

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