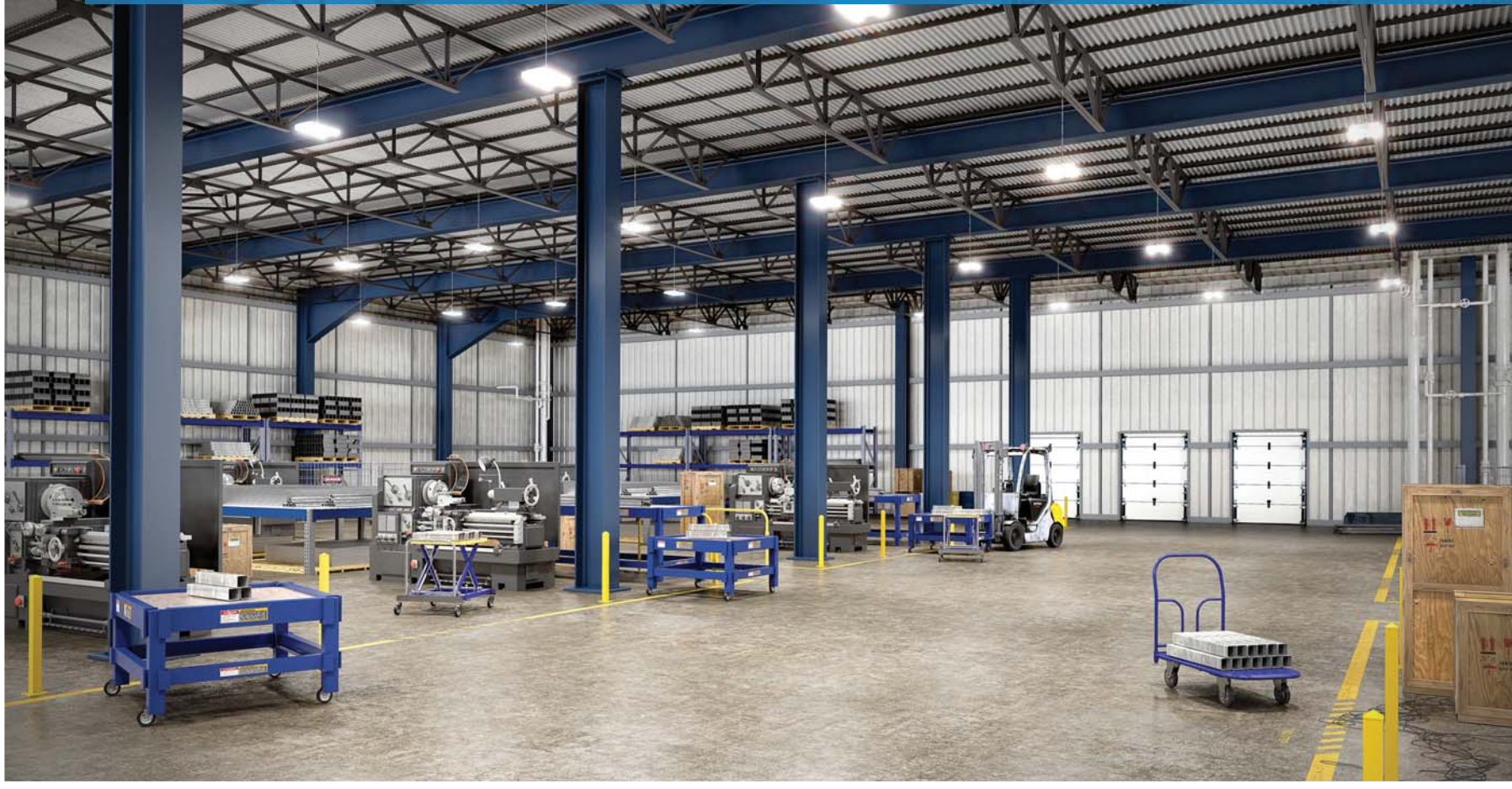
VHB LED
High bay luminaire

Metalux



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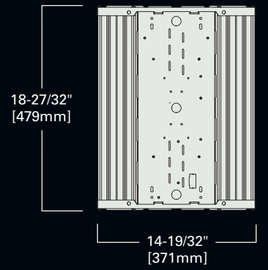
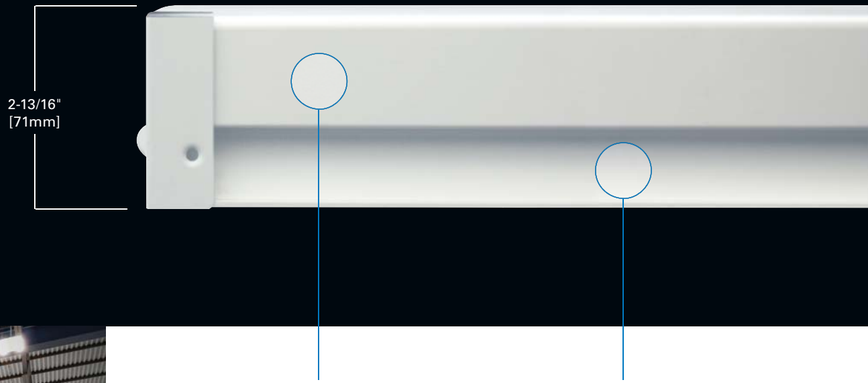




VHB LED high bay

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)

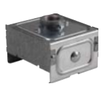
Energy saving LED

- 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

Metalux

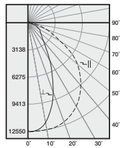
Innovation you can rely on™

Performance

VHB high bay
Up to 65% energy savings compared to traditional high bay fixtures
High-performance efficacy up to 133 lumens per watt
Three Correlated Color Temperatures (3500K, 4000K, 5000K) at typical 85 CRI
Precision optics in Narrow and Wide distribution
Lumen maintenance of L83 @ 60,000 hours
Optional sensor control for added energy savings
Binning: Per ANSI, 3-step MacAdam elipse

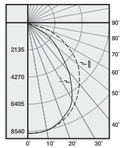
Photometrics

Narrow– 18,322 lumens



Electronic Driver
Linear LED 4000K
Spacing criterion:
(II) 1.29 x mtg height,
(⊥) 0.77 x mtg height
Lumens = 18322
Input Watts = 159.8W
Efficacy = 114.7 lm/W
Test: VHBLED-LD1-18-N-UNV-L840-CD-U.IES

Wide– 19,263 lumens



Electronic Driver
Linear LED 5000K
Spacing criterion:
(II) 1.26 x mtg height,
(⊥) 1.19 x mtg height
Lumens = 19263
Input Watts = 159.5W
Efficacy = 121 lm/W
Test: VHBLED-LD1-18-W-UNV-L850-CD-U.IES

Optional advanced technology

Integrated sensor technology

INtuitive, INtelligent, INtegrated.

Combining the control within the light fixture reduces installation and design time; while meeting energy codes.

Connected Lighting

LumaWatt Pro

LumaWatt Pro powered by Enlighted is an integrated system of luminaires, digital sensors, and application-based software for any size project.

LumaWatt Pro
Connected Lighting Wireless System | Powered by enlighted

Energy data

Catalog number	Delivered lumens	Watts	Efficacy (lm/W)
Narrow			
VHBLED-LD1-9-N-UNV-L840-CD1-U	8885	70	127
VHBLED-LD1-9-N-UNV-L850-CD1-U	8999	70	129
VHBLED-LD1-12-N-UNV-L840-CD1-U	12374	100	124
VHBLED-LD1-12-N-UNV-L850-CD1-U	12533	100	125
VHBLED-LD1-15-N-UNV-L840-CD1-U	15020	124	121
VHBLED-LD1-15-N-UNV-L850-CD1-U	15213	124	123
VHBLED-LD1-18-N-UNV-L840-CD1-U	18323	160	115
VHBLED-LD1-18-N-UNV-L850-CD1-U	18559	160	116
VHBLED-LD1-24-N-UNV-L840-CD1-U	23292	213	109
VHBLED-LD1-24-N-UNV-L850-CD1-U	23592	213	111
Wide			
VHBLED-LD1-9-W-UNV-L840-CD1-U	9004	70	129
VHBLED-LD1-9-W-UNV-L850-CD1-U	9341	70	133
VHBLED-LD1-12-W-UNV-L840-CD1-U	12540	100	125
VHBLED-LD1-12-W-UNV-L850-CD1-U	13009	100	130
VHBLED-LD1-15-W-UNV-L840-CD1-U	15221	124	123
VHBLED-LD1-15-W-UNV-L850-CD1-U	15417	124	124
VHBLED-LD1-18-W-UNV-L840-CD1-U	18568	160	116
VHBLED-LD1-18-W-UNV-L850-CD1-U	19263	160	120
VHBLED-LD1-24-W-UNV-L840-CD1-U	23604	213	111
VHBLED-LD1-24-W-UNV-L850-CD1-U	23908	213	112

Lighting Product Lines

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

Controls Product Lines

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

Powering Business Worldwide

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

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Printed in USA
Publication No. BR507010EN
November 16, 2017

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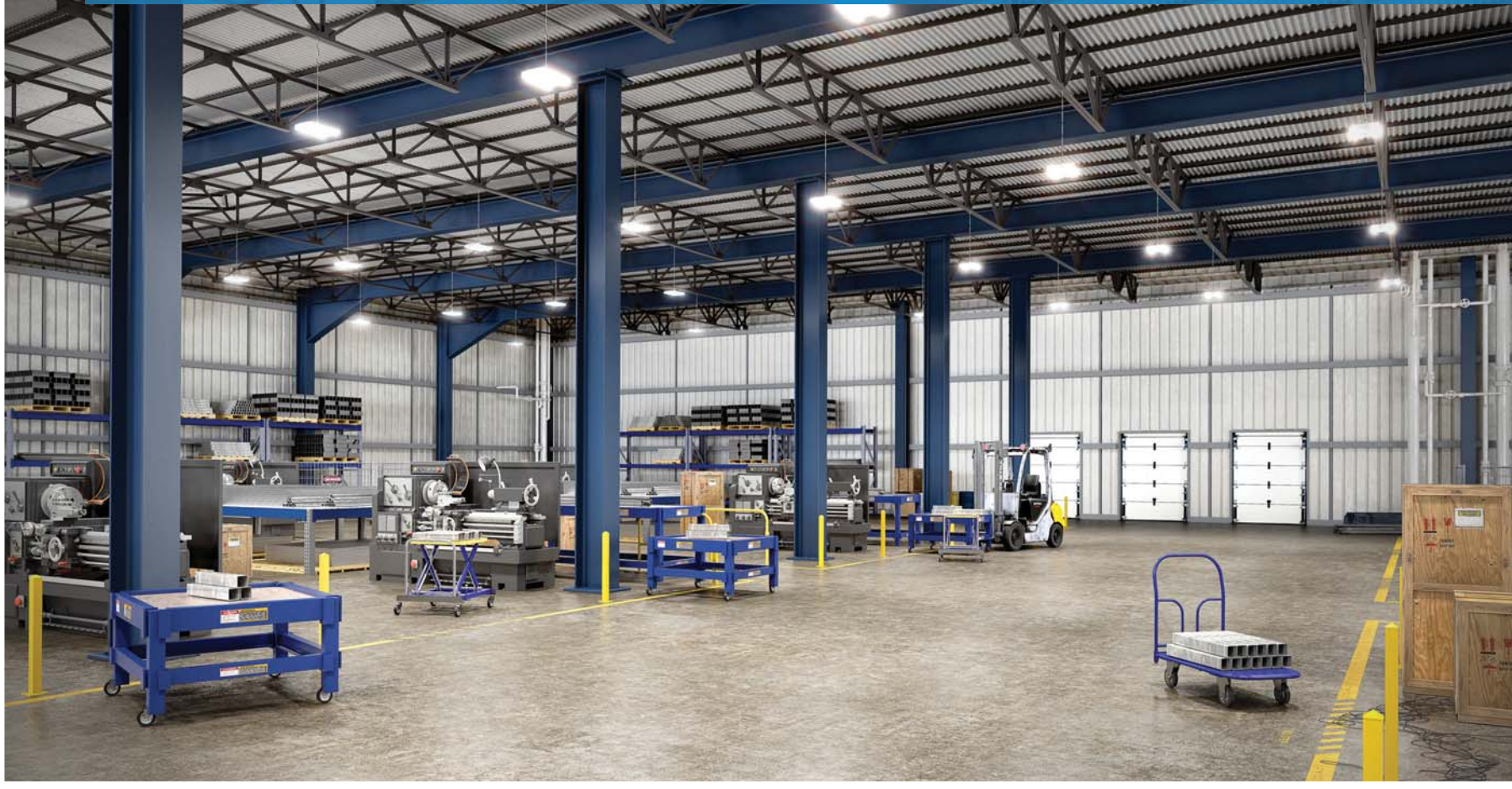

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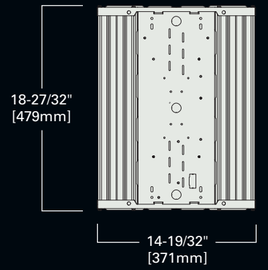

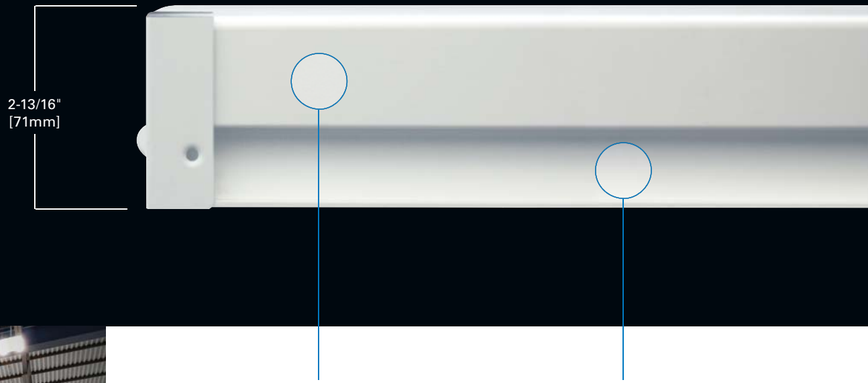

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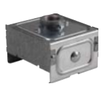				

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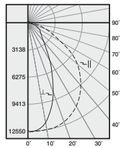

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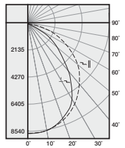

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Halo
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Iris
RSA
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Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Ephesus
Lumière
Streetworks
AtLite
Sure-Lites

Controls Product Lines

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

Powering Business Worldwide

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

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