VHB3 *LED HIGH BAY*

VISION ENGINEERING
ILLUMINATING LIVES

Shown with optional wall wash

True glare free

ZEROGLARE™
not seeing is believing

The VHB3 is the most efficient glare free fixture in the lighting industry. We accomplish this with our patented Coined Optic technology for unmatched visual comfort.

PRODUCT SPECIFICATIONS

CRI
80+

Color Tempertures
35K, 40K, 50K

Ambient Operating Temp
Min -20°c, Max 55°c

Housing
5052-H32 Aluminum
Painted after fab (PAF)

Finish *(Standard Silver)*
Powder Coat, Silver, White, Black, Blue

Certification
UL Listed , CUL Listed,
DLC Premium Listed

Rated >72,000+ hours at 70%
Lumen Maintenance (L70)

Reflector
90° VE Patented ZeroGlare™ Coined Optic

LED Module
Samsung mid power LED

Driver
Sensor Ready, 0-10V dimming,
flicker-free from 10 to 100%.
voltage 110~277 Vac, 50/60Hz.
Short Circuit, Over Temperature, Over Voltage protection.
Surge Transient Protection +6 kV
(Optional 347V Philips Xitanium Driver available)

Emergency Driver Back-up
90min Emergency Driver, Fulham FHS2-UNV-56S

Mounting *(Surface Standard & stem provided by others)*
Cable Mount, Surface, Rigid Stem Ready,
Hook/Chain compatible *(provided by others)*

Tunable White *(available only on L2 & L4 models)*
Tunable white 35K to 50K with Avi-on Controls

Wall Wash
10°, 20° One or both outer bars available

Up Light
Optional up light available *(available only on L2,L3 & L4 models)*

Power Cord/Whip *(Standard)*
6ft, 5 conductor waterproof, 18 GA, 600V (120~277V)

Approved For
Damp Locations

Made in U.S.A.

Warranty
5-year limited warranty. 10-year available, (*contact factory for details*)
Complete warranty terms located at:
www.visionengineering.com/documentation

Notes
1. Actual performance may differ as a result of end-user environment and application. 2. Visit www.visionengineering.com for the most up to date specs and additional information.
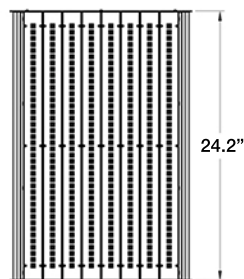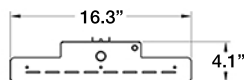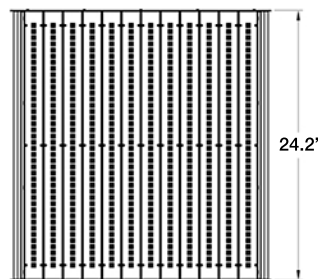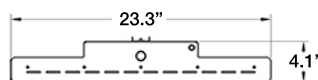
TECHNICAL DRAWINGS

VHB3-L1

9.3" / 4.1" / 24.2"
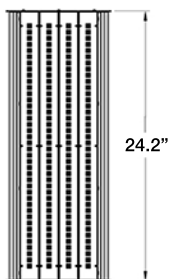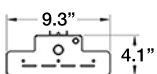
VHB3-L1 Dimensions
Length 24.2"
Width 9.3"
Height 4.1"
Weight 6lbs. (2.7kg)

VHB3-L2
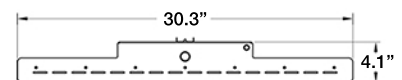
16.3" / 4.1" / 24.2"

VHB3-L2 Dimensions
Length 24.2"
Width 16.3"
Height 4.1"
Weight 10lbs. (4.5kg)

VHB3-L3

23.3" / 4.1" / 24.2"

VHB3-L3 Dimensions
Length 24.2"
Width 23.3"
Height 4.1"
Weight 14lbs. (6.3kg)

VHB3-L4

30.3" / 4.1" / 24.2"
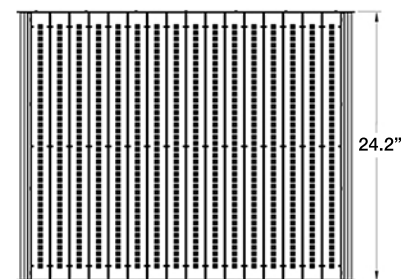
VHB3-L4 Dimensions
Length 24.2"
Width 30.3"
Height 4.1"
Weight 18lbs. (8.1kg)

V 3.3

VHB3 *LED HIGH BAY*
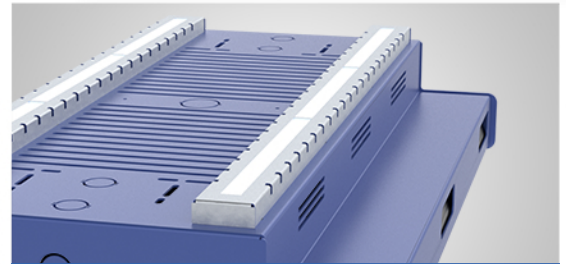
VISION ENGINEERING
ILLUMINATING LIVES
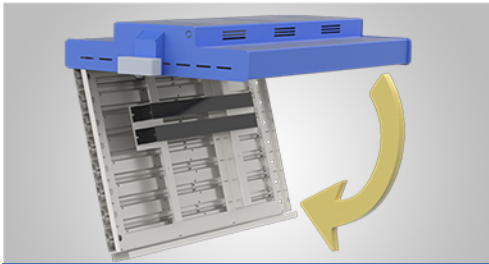
Future-proof
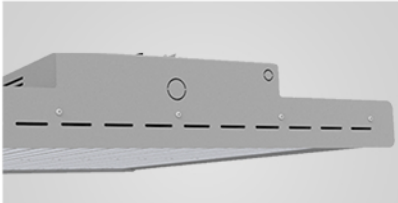VHB3 enables quick and easy upgrades or service with no tools.
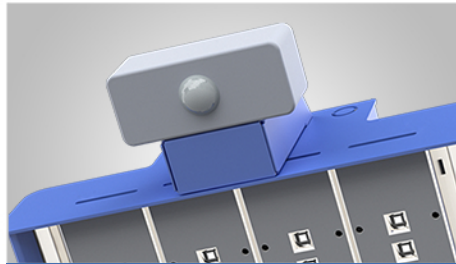
Optional in fixture 0-10v lighting control
Provides continuous dimming control to conserve energy, simplify maintenance, and personalize the lighting environment.
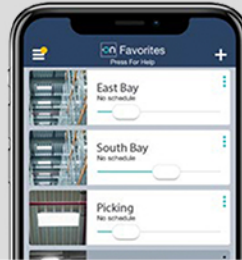

Optional Up Light
Create light on the ceiling to elliminate that "cave feel".
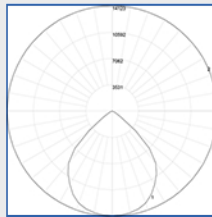

Silver Powdercoat (Standard)

Tunable White with Bluetooth Mesh.

avi-on™
Simple Bluetooth® Controls

Optional Wall wash bars come in 10˚ & 20˚

PHOTOMETRICS

VHB3-L2-90D-50K
Polar Candela Distribution

VHB3-L1-90D-35K
Polar Candela Distribution
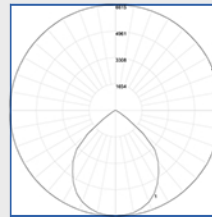
VHB3-L4-90D-50K
Polar Candela Distribution
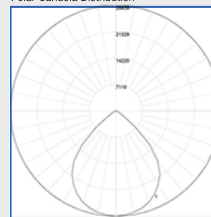
VHB3-L1-90D-50K
Polar Candela Distribution
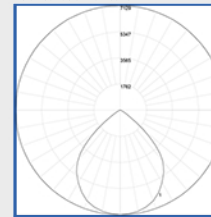
ORDERING

Project _____

Date _____

Type _____

Comments _____

Ordering Information

VHB3 - [ ]A - [ ]B - [ ]C - [ ]D - [ ]E - [ ]F - [ ]G - [ ]H - [ ]I - [ ]J

Example: VHB3-L1-90D-40K-SL-ED-MS-UPL35-1WW10-TW50

A SERIES
VHB3

B *LUMENS PACKAGE*

L1	13140
L2	26100
L3	38610
L4	50410

C Optics

90D	90˚

D CCT

35K	3500K
40K	4000K
50K	5000K

E Color

SL	Silver Standard
WH	White
BL	Black
SB	Swiss Blue *(addl adder)*

F Drivers

ED	Emergency Driver
347V	347V

G Sensors

MS	Daylight Harvest/Motion Sensor
OC	Occupancy Sensor
NS	Node Sensor

H Uplight *(available only on L2,L3 & L4 models)*

UPL35	3500K
UPL40	4000K
UPL50	5000K

I Wall Wash

1WW10	One 10˚ Wall Wash Light Bar
2WW10	Two 10˚ Wall Wash Light Bars
1WW20	One 20˚ Wall Wash Light Bar
2WW20	Two 20˚ Wall Wash Light Bar

J Tunable White *(available only on L2 & L4 lumen packages)*

TW50	Tunable white 35K to 50K with Avi-on Controls

*VHB3 High Bay Lumens Per Watt

Lumens Package	L1	L2	L3	L4
Lumens Output	13140	26100	38610	50410
Wattage	90W	180W	270W	355W
Efficacy (LPW)	146	145	143	142

*Actual lumens output may vary +/- 4% Tested @ 5000K

ACCESSORIES

Mounting Kits

CM	Cable Mount Kit

Mount Type

V 3.3