

Project _____
Catalogue n° _____

Type _____
Date _____

AimLite

VPHB 4' LED VAPOR TIGHT HIGH BAY

3 CCT & 3 POWER SELECTABLE,
CONTROLS READY



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- White polycarbonate construction
- Polycarbonate lens
- Stain steel captive latches
- CCT and Power Select switches are placed discretely inside the housing

Mounting

- 5.5ft 5-wire power and dimming cord preinstalled with each luminaire
- Set of 2 V-hooks and 2 stainless steel mounting brackets for ceiling and surface mount are included

PERFORMANCE DATA

- Available in 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Lumen output: 16 000-40 425 lm
- 0-10 V dimming standard
- 6 kV surge protection
- Estimated life of over 102 000 hours to L70, LM80: 17 000 tested hours
- Operating temperature: from -40°C to 55°C (-40°F to 131°F) on certain wattages. Consult Lumen and Operating Temperature Specification Table for more details

COMPLIANCES

- cETLus listed for Canada and USA for wet locations
- Meets requirements of ICES-005
- IP67
- IK10
- NEMA 4X
- NSF certified [Splash Zone and Non Food Zone]

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	150-170
WATTS (W)	100/130/160 175/200/245	COLOR TEMPERATURE (K)	3 500/4 000/5 000
LUMEN OUTPUT (LM)	16 000-26 720 28 000-40 425	CRI	80+
WARRANTY 5 YEAR WARRANTY CCT: 3CCT SELECTABLE W: POWER SELECTABLE CONTROLS READY 67 IP RATING IK10 IMPACT RESISTANCE ETL Intertek			

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



ORDER CODE	PART NUMBER	DLC UNIQUE ID	LUMEN OUTPUT [LM] ^{2,3}	EFFICACY [LM/W]	WATTS [W]	POWER FACTOR	THD [%]	MASTER CASE QTY	UPC CODE
1000034	VPHB4-PS160-32-3C	PENDING	16 000-26 720	155-170	100/130/160	≥0.90	≤20	1	753454007926
1000035	VPHB4-PS245-32-3C	PENDING	28 000-40 425	155-170	175/200/245	≥0.90	≤20	1	753454007933

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

LUMEN SPECIFICATION TABLE

ORDER CODE	PART NUMBER	WATTS [W]	3 500 K		4 000 K		5 000 K		MAX. OPERATING TEMPERATURE [SURFACE MOUNT]	MAX. OPERATING TEMPERATURE [SUSPENDED MOUNT] ¹
			LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]		
1000034	VPHB4-PS160-32-3C	100	16 000	160	17 000	170	16 300	163	50°C	55°C
		130	20 410	157	21 710	167	20 800	160	45°C	50°C
		160	24 800	155	26 400	165	26 720	157	40°C	45°C
1000035	VPHB4-PS245-32-3C	175	28 000	160	29 750	170	28 525	163	50°C	55°C
		200	31 400	157	33 400	167	32 000	160	45°C	50°C
		245	37 975	155	40 425	165	38 465	157	40°C	45°C

¹ Suspended 18" from ceiling.

DEFAULT PROGRAMMING

1000034: 160 W / 4000 K

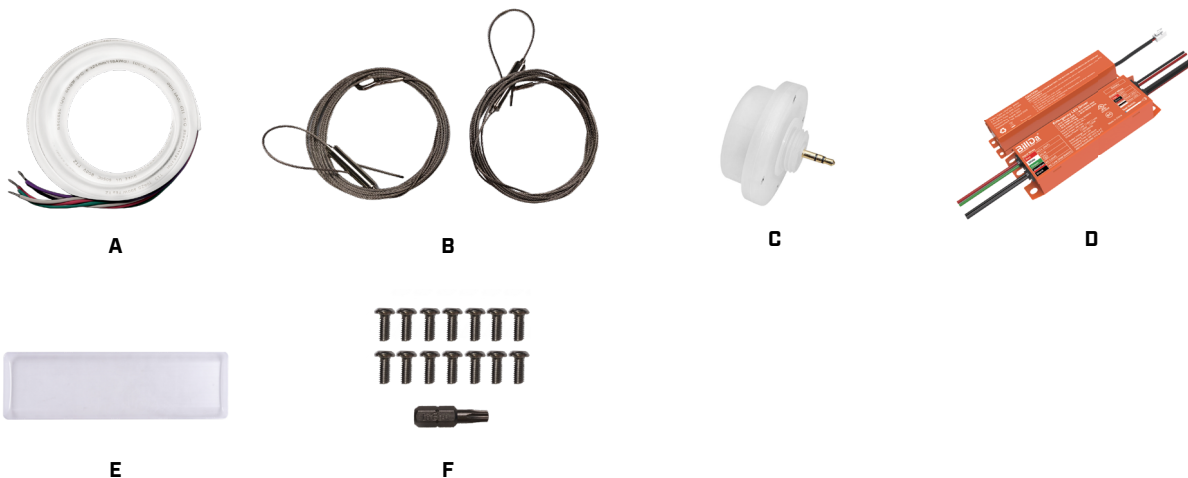
1000035: 245 W / 4000 K

ACCESSORIES [ORDER SEPARATELY]

ORDER CODE	DESCRIPTION	COMPATIBLE WITH	FIGURE
WIR226-WH ¹	10FT WHITE POWER CORD WITH 5-WIRE (1PC)	ALL CONFIGURATIONS	A
KIT-AC-VTL4-10	AVIATION CABLE KIT 10FT (2PCS)	ALL CONFIGURATIONS	B
1000067	INTERNAL MICROWAVE SENSOR ANT-5-4T	ALL CONFIGURATIONS	C
1000069 ²	INTERNAL EMERGENCY BACK UP LED DRIVER 20W BATTERY 120-347V	ALL CONFIGURATIONS	D
3000139	REPLACEMENT POLYCARBONATE LENS 4FT	ALL CONFIGURATIONS	E
3000140	TAMPER PROOF KIT (14 TAMPER PROOF SCREWS AND 1 TAMPER PROOF BIT)	ALL CONFIGURATIONS	F

¹ Total length: 10ft (8ft exposed length after installation).

² Using an Emergency LED Driver accessory does not make the luminaire certified under CSA C22.2 No.141 for primary emergency lighting applications.



SMART ACCESSORIES (ORDER SEPARATELY)

PART NUMBER	TYPE	COMPATIBLE WITH	FIGURE
CTRL-KBC1-001-WAVE	WAVE BLUETOOTH® MESH INTERNAL INTEGRATED FIXTURE ADAPTER	ALL CONFIGURATIONS	A
KIT-SENS-ADAP-WAVE	WAVE BLUETOOTH® MESH KIT INTERNAL HIGH FREQUENCY SENSOR (OSI-MW105E-WAVE) AND INTEGRATED FIXTURE ADAPTER (CTRL-KBC1-001-WAVE)	ALL CONFIGURATIONS	B

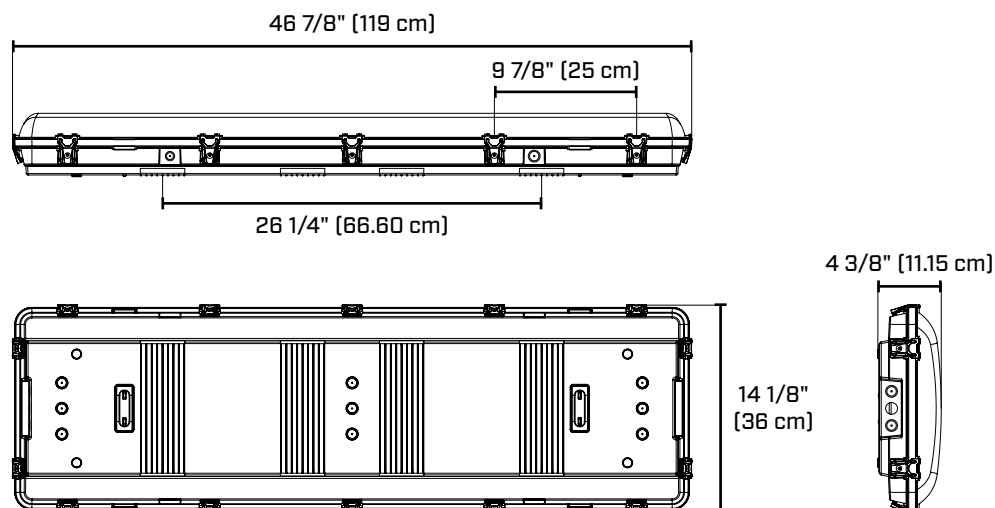


A



B

DIMENSION AND WEIGHT



NET WEIGHT (LBS)

20.5

OCCUPANCY SENSORS

ON-OFF SENSORS

Detection - On at [Detection Area] % during [Hold Time] min. Off

PART NUMBER	POSITION	TECHNOLOGY	VOLTS [V]	MAXIMUM MOUNTING HEIGHT [FT]	DETECTION AREA [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	DAYLIGHT MIN LEVEL [LUX]	LOCATION ¹	AMBIENT TEMPERATURE [°C]	REMOTE ²
OSE-P0-0301	EXTERNAL	PIR	120-347	20-40	100	20	N/A	N/A	DISABLE	DRY	-10° TO +40°C	N/A
OSI-F0-1601	INTERNAL	HIGH FREQUENCY	120-277	20	100	10	N/A	N/A	DISABLE	WET	-40° TO +40°C	OSI-RC100
OSI-F0-1701	INTERNAL	HIGH FREQUENCY	120-347	13	100	10	N/A	N/A	DISABLE	DRY AND WET	-20° TO +40°C	N/A
KIT-SENS-ADAP-WAVE	INTERNAL	HIGH FREQUENCY	120-347	40	100	SEE APP	SEE APP	SEE APP	SEE APP	DRY AND DAMP	-30°C TO +40°C	N/A

BI-LEVEL SENSORS

Detection - On at [Detection Area] % during [Hold Time] min., then [Stand-by Dim level] %

PART NUMBER	POSITION	TECHNOLOGY	VOLTS [V]	MAXIMUM MOUNTING HEIGHT [FT]	DETECTION AREA [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	DAYLIGHT MIN LEVEL [LUX]	LOCATION ¹	AMBIENT TEMPERATURE [°C]	REMOTE ²
OSE-PB-0201	EXTERNAL	PIR	120-347	20 MAX.	100	5	10	N/A	DISABLE	WET	-40° TO +40°C	OSI-FSIR-100
OSE-FB-0402	EXTERNAL	HIGH FREQUENCY	120-347	50 MAX.	100	20	30	N/A	50	WET	-35° TO +40°C	OSI-RC-MH10
OSI-FB-1601	INTERNAL	HIGH FREQUENCY	120-277	20	100	10	50	N/A	DISABLE	DRY AND WET	-40° TO +40°C	OSI-RC100
OSI-FB-1602	INTERNAL	HIGH FREQUENCY	120-277	20	100	10	30	N/A	DISABLE	DRY AND WET	-40° TO +40°C	OSI-RC100
OSI-FB-1701	INTERNAL	HIGH FREQUENCY	120-347	13	100	10	50	N/A	DISABLE	DRY AND WET	-20° TO +40°C	N/A
OSI-FB-1702	INTERNAL	HIGH FREQUENCY	120-347	13	100	10	30	N/A	DISABLE	DRY AND WET	-20° TO +40°C	N/A
KIT-SENS-ADAP-WAVE	INTERNAL	HIGH FREQUENCY	120-347	40	100	SEE APP	SEE APP	SEE APP	SEE APP	DRY AND DAMP	-30°C TO +40°C	N/A

TRI-LEVEL SENSORS

Detection - On at [Detection Area] % during [Hold Time] min., then [Stand-by Dim level] % during [Stand-by period] min. Off

PART NUMBER	POSITION	TECHNOLOGY	VOLTS [V]	MAXIMUM MOUNTING HEIGHT [FT]	DETECTION AREA [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	DAYLIGHT MIN LEVEL [LUX]	LOCATION ¹	AMBIENT TEMPERATURE [°C]	REMOTE ²
OSE-FT-0402	EXTERNAL	HIGH FREQUENCY	120-347	50 MAX.	100	30	30	10	50	WET	-35° TO +40°C	OSI-RC-MH10
OSI-FT-1601	INTERNAL	HIGH FREQUENCY	120-277	20	100	10	30	30	DISABLE	DRY AND WET	-40° TO +40°C	OSI-RC100
OSI-FT-1602	INTERNAL	HIGH FREQUENCY	120-277	20	100	10	30	30	50	DRY AND WET	-40° TO +40°C	OSI-RC100
OSI-FT-1701	INTERNAL	HIGH FREQUENCY	120-347	13	100	10	30	30	DISABLE	DRY AND WET	-20° TO +40°C	N/A
OSI-FT-1702	INTERNAL	HIGH FREQUENCY	120-347	13	100	10	30	30	50	DRY AND WET	-20° TO +40°C	N/A
KIT-SENS-ADAP-WAVE	INTERNAL	HIGH FREQUENCY	120-347	40	100	SEE APP	SEE APP	SEE APP	SEE APP	DRY AND DAMP	-30°C TO +40°C	N/A

¹ Min and max ambient temperature of the fixture with the specific sensor. Please verify fixture temperature on the first page for compatibility with sensor

² To be ordered separately