

WPFH GEN. 3

4' SPECIFICATION GRADE LED VAPOR TIGHT HIGH BAY

3 CCT & 3 POWER SELECTABLE, CONTROLS READY



FEATURES & SPECIFICATIONS

CONSTRUCTION

- Physical Characteristics**
- White fiberglass construction
 - Acrylic anti-glare 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 - 38 400 lm
- 0-10 V dimming standard
- 6 kV surge protection, additional 10 kV protection as option
- 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
- IK08
- NEMA 4X
- NSF certified [Splash Zone and Non Food Zone]

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY [LM/W]	150-170
WATTS [W]	100/130/160 160/200/240	COLOR TEMPERATURE [K]	3 500/4 000/5 000
LUMEN OUTPUT [LM]	16 000-25 600 25 600-38 400	CRI	80+
      			

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.

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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
1000032	WPFH4-3-PS160-32-3C	PENDING	16 000-25 600	150-170	100/130/160	≥0.90	≤20	1	753454007940
1000033	WPFH4-3-PS240-32-3C	PENDING	25 600-38 400	150-170	160/200/240	≥0.90	≤20	1	753454007957

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]		
1000032	WPFH4-3-PS160-32-3C	100	16 000	160	17 000	170	16 500	165	50°C	55°C
		130	20 000	154	21 400	165	20 500	158	45°C	50°C
		160	24 000	150	25 600	160	24 800	155	40°C	45°C
1000033	WPFH4-3-PS240-32-3C	160	25 600	160	27 200	170	26 400	165	50°C	55°C
		200	31 000	155	33 000	165	32 000	160	45°C	50°C
		240	36 000	150	38 400	160	37 200	155	40°C	45°C

¹ Suspended 18 in from ceiling.

DEFAULT PROGRAMMING

1000032: 160 W / 4000 K

1000033: 240 W / 4000 K

ORDERING GUIDE

WPFH	4	—3	—	—32	—3C	/	
SERIES	LENGTH	GENERATION	LUMEN PACKAGE [LM]	VOLTS [V]	COLOR TEMP. [K]	OPTIONS	
WPFH	4	3	PS160 - 100/130/160 W PS240 - 160/200/240 W	32 - 120-347	3C - 3 500/ 4 000/ 5 000	OS ¹ - OCCUPANCY SENSOR L9-DIM-WH - 9' CORD WITH 5-WIRE DIMMING WHITE L9-DIM-BK - 9' CORD WITH 5-WIRE DIMMING BLACK KV - 10KV SURGE PROTECTOR BM - BLUETOOTH MESH INTERNAL INTEGRATED FIXTURE ADAPTER BMS - BLUETOOTH MESH INTERNAL HIGH FREQUENCY SENSOR AND INTEGRATED FIXTURE ADAPTER	

¹ To see available options, please consult the occupancy sensors section

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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
1000068 ²	INTERNAL EMERGENCY BACK UP LED DRIVER 20W BATTERY 120-347V	ALL CONFIGURATIONS	D
3000137	REPLACEMENT ACRYLIC LENS 4FT	ALL CONFIGURATIONS	E
3000138	TAMPER PROOF KIT (16 TAMPER PROOF SCREWS AND 1 TAMPER PROOF BIT)	ALL CONFIGURATIONS	F

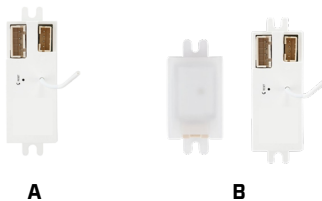
¹ Total length: 10ft (8ft exposed length after installation).

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

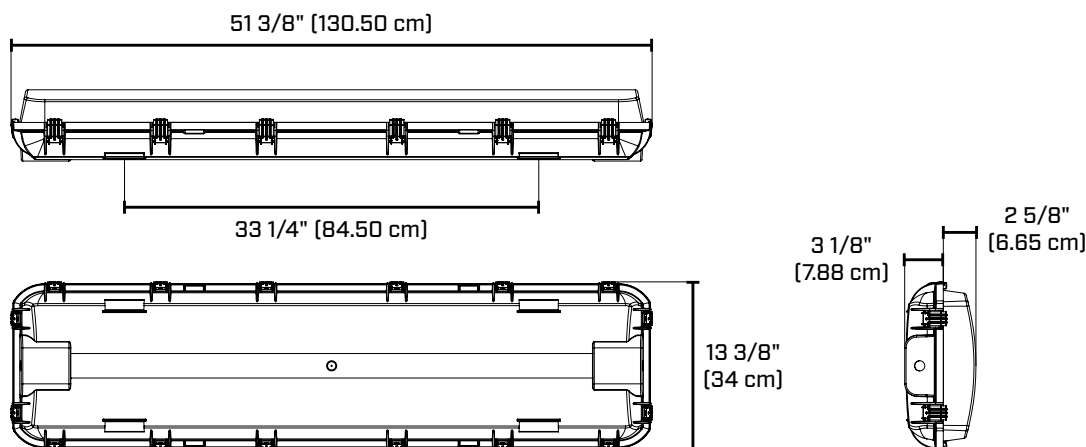


SMART ACCESSORIES (ORDER SEPARATELY)

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 (QSI-MW105E-WAVE) AND INTEGRATED FIXTURE ADAPTER (CTRL-KBC1-001-WAVE)	ALL CONFIGURATIONS	B



DIMENSION AND WEIGHT



NET WEIGHT (LBS)
26.79

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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