



GEN.2 SELECTABLE LED VAPOR TIGHT



PRODUCT DESCRIPTION

The Selectable Vapor Tight Series provides gasketed enclosure which provides dust-free and moisture-free fixture. Made of high quality ABS base and polycarbonate lens and stainless steel latches. Length available in 2ft, 4ft and 8ft. The Vapor Tight Series can be widely used for food processing plants, meat lockers, beverage coolers, car washes, and parking structures.

FEATURES

- IP65 rated for wet location
- Length available in 2ft, 4ft and 8ft
- Wattage and CCT selectable
- Optional wired and wireless occupancy and daylight sensor
- Stainless steel latches

ELECTRICAL SYSTEM

- Input Voltage: 120-277V (standard), 50/60Hz
120-347V is optional
- Operating temperature range: -40-95°F (-40-35°C)
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

PERFORMANCE

CRI

80

CCT

3500K, 4000K, 5000K

Projected Lifetime

L70 - 100,000 Hours

Working Temperature

-40-95°F (-40-35°C)

Notes: If for 4ft, 80W, the maximum Ambient is 86°F(30°C)

Certifications

- cETL listed
- Wet location
- RoHS compliant
- IK08 rated

DIMENSION

2FT

L*W*H (mm/in)

600*110*88/23.62*4.33*3.46

4FT

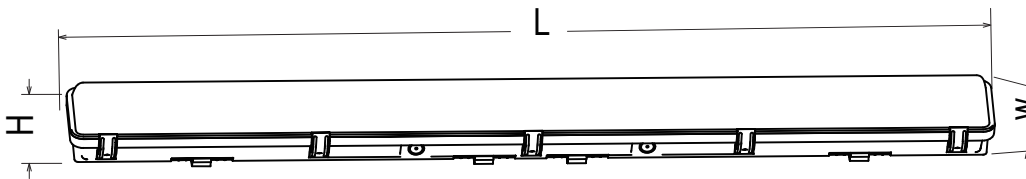
L*W*H (mm/in)

1200*110*88/47.24*4.33*3.46

8FT

L*W*H (mm/in)

2388*110*88/94.48*4.33*3.46



Ordering Information

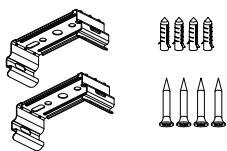
Example: SVP2-12D-50SP-SW1

Name	Dimension	Dimmable	Watts	CCT	Voltage	- Control
SVP2	06 - 2FT	D - 0-10V Dimmable	20 - 20W	SW - Selectable 3500K 4000K 5000K ³	1 - 120-277V ⁴	Blank - None MSW - Microwave Motion Sensor ⁵ MSWB - Bluetooth Microwave Motion Sensor ⁶ EBU - Emergency Battery Back-up ⁷
	12 - 4FT		50SP - Selectable 30W/40W/50W ¹		8 - 120-347V ⁴	
	24 - 8FT		70SP - Selectable 50W/60W/70W ²			
						* Optional Bluetooth PIR Motion Sensor needs to be bought separately and field installed.

Notes:

- 50W is default setting. Higher power 65W and 80W can be done as special order. Please contact Custom Service for details.
 - 70W is default setting.
 - 4000K is default setting.
 - 120-277V is standard. 120-347V is optional.
 - Microwave dimming sensor, for mounting height 20ft (6m) max. Dimming default setting is Bi-Level dim, 50% on vacancy and 100% on Occupancy. Daylight sensor is disable. Other settings such as 10% or 30% dimming level can be set by the remote controller RC100.
 - The Bluetooth microwave sensor is for mounting height of 20ft (6m) max.
 - Emergency battery back-up is only for 4ft, 50SP and works for a minimum of ninety (90) minutes. Ambient temperatures of 32°F-95°F(0 °C-35°C).
- * End-side cable installed is standard.
- * Grey finish is standard. Additional charge will apply for optional finish.

Accessories (Standard)

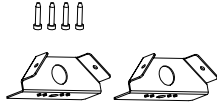


BRACKET / SLEEVE ANCHOR /
SELF TAPPING SCREWS

Accessories (Optional)

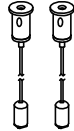
SVP2-CMB

Corner Mount Brackets



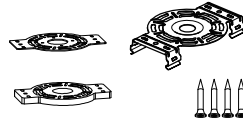
SVP2-ACPMK

Aircraft Cable
Pendant Mount Kits



SVP2-JBMK

Junction Box Mount Kits
for back-side cable installed



AAL-RC-100

Remote control for
microwave dimming sensor



BLUETOOTH PIR MOTION SENSOR

BMS-S823-PIR-1-BLE-SR-ZMO

Passive Infrared (PIR)
Occupancy Sensor with
Bluetooth Mesh Feature



LS02-HB3-WH

360° High Bay Lens,
Max. detection radius 30ft;
Max. mounting height 8ft



LS02-LB4-WH

360° Low Bay Lens,
Max. detection radius 30ft;
Max. mounting height 40ft



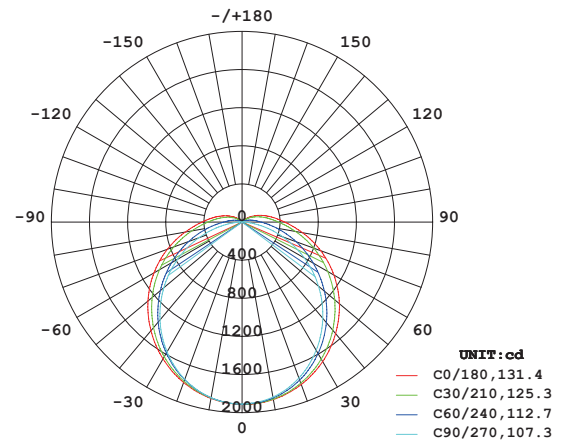
PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Watts	Size	Nominal Lumen	CCT	CRI	LPW
20W	2FT	2800lm	4000K	>80	140
30W	4FT	4200lm	4000K	>80	140
40W	4FT	5600lm	4000K	>80	140
50W	4FT	7000lm	4000K	>80	140
65W	4FT	8000lm	4000K	>80	123
80W	4FT	10000lm	4000K	>80	125
50W	8FT	7000lm	4000K	>80	140
60W	8FT	8400lm	4000K	>80	140
70W	8FT	9800lm	4000K	>80	140

PHOTOMETRY

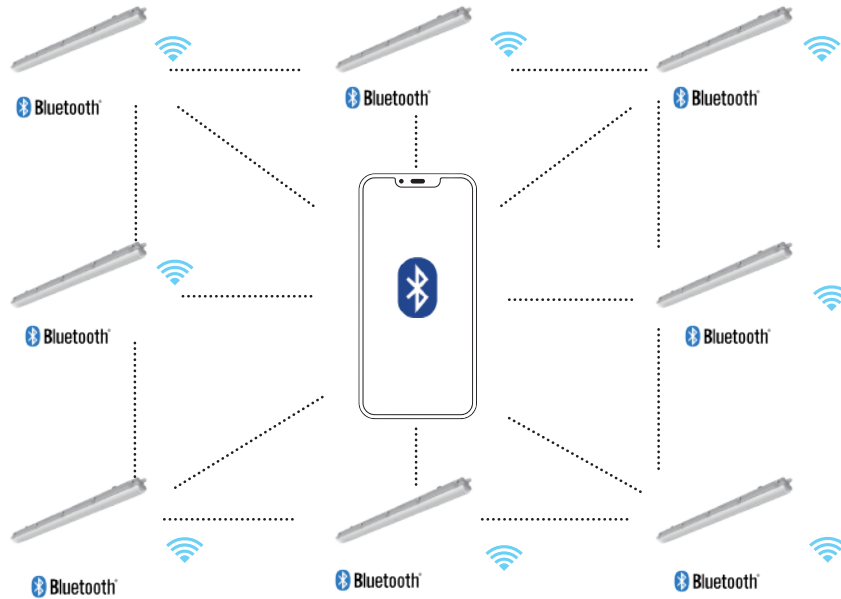
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



AVERAGE BEAM ANGLE (50%) : 119.2 DEG

BLUETOOTH MOTION SENSOR

Bluetooth Mesh Control



Wireless Switch
BMWS-S-D-2BT-BLE-SR

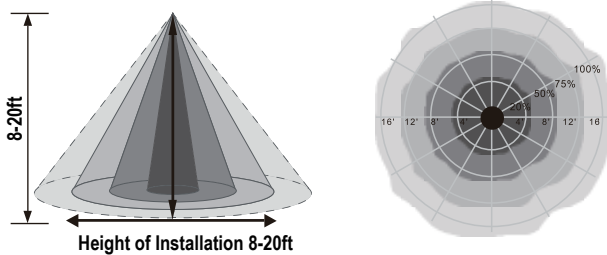
* Gateway is needed for industry applications.

BLUETOOTH MICROWAVE MOTION SENSOR



Model No.	Description	Input Voltage	Output	Mounting
BMS-S7D-MSW-DC2-BLE-SR	Bi-level Microwave (MSW) Occupancy Sensor with Bluetooth Mesh Feature	10-14VDC	0-10VDC	Magnests Built-in Mounted in fixture

DETECTION AREA

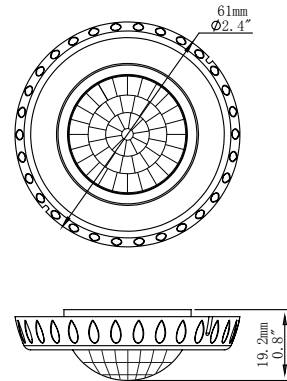
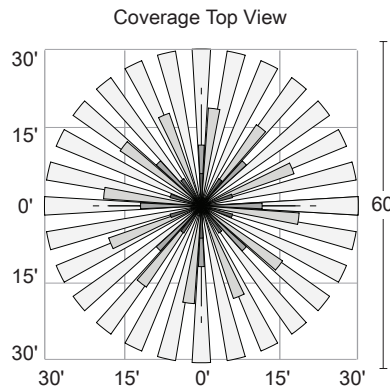
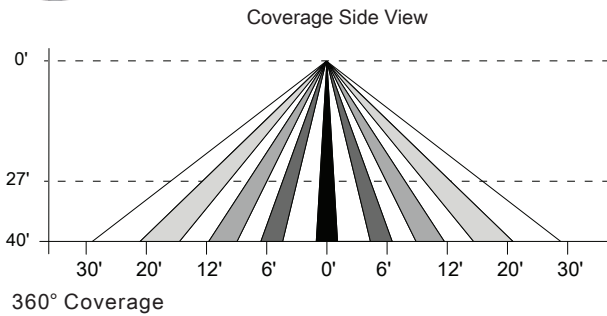


BLUETOOTH PIR MOTION SENSOR

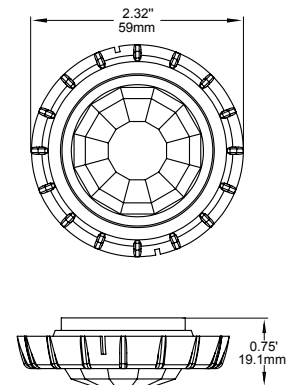
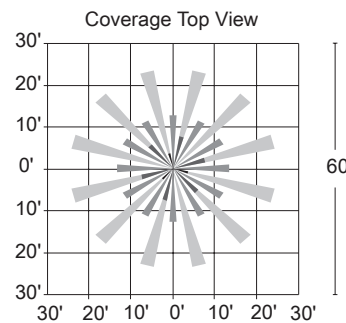
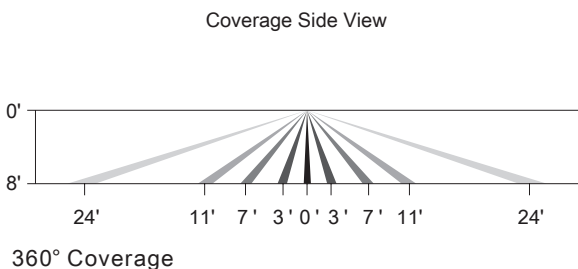


Model No.	Description	Input Voltage	Output	Mount
BMS-S823-PIR-1-BLE-SR-ZMO	Passive Infrared (PIR) Occupancy Sensor with Bluetooth Mesh Feature	120/277VAC	0-10V	Z Shaped Side Mount With Enclosure for IP65
Add Suffix for Options	Description			
LS02-HB3-WH	360° High Bay Lens, Max.detection radius 30ft; Max.mounting height 8ft, white color			
LS02-LB4-WH	360° Low Bay Lens, Max.detection radius 30ft; Max.mounting height 40ft, white color			

HB3 LENS



LB4 LENS



MICROWAVE DIMMING SENSOR SETTING

Sensor data can be precisely set for each specific application by a remote controller which need to be bought separately.

Detection area

Detection area can be reduced by selecting the combination on the remote controller to fit precisely each application.

Optional Setting: 100%/75%/50%/25%

Default Setting: 100%

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Optional Setting: 10S/1min/10min/15min

Default Setting: 15min

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to “+∞”mode, the low light is maintained until motion is detected.

Optional Setting: 1min/30min/60min/+∞

Default Setting: +∞

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Optional Setting: 0%/10%/30%/50%

Default Setting: 50%

Warranty

Five year limited warranty.

Specifications subject to change without notice.