Advanced Lighting Control for Indoor and Outdoor Applications

WASP

The WASP Occupancy Sensor family is the perfect fixture mounted sensor solution for complete, code compliant control of indoor and outdoor applications. All sensors feature Passive Infrared (PIR) motion sensing technology and an integral daylight sensor to maximize energy savings when there is sufficient natural light detected. In addition to the Standard WASP sensor, the product line also includes Dimming WASP and Bluetooth WASP sensors. The interchangeable high/low mount 360°, 180°, aisle and half-aisle lenses make the entire WASP family an ideal solution for warehouses, manufacturing facilities, gymnasiums, cold storage, and area/site lighting.

Bluetooth® WASP

- Bluetooth programming via ControlHUBB App
- On/Off control & 0-10V dimming
- Tri-level set points
- Cloning of sensor settings
- Patented Intelliscope™ technology showing real-time occupancy data
- Multiple daylight harvesting modes

Dimming WASP

- Easy to use DIP switches for programming sensor settings
- 0-10V Dimming
- Bi-level set points
- Optional cutoff time delay
- Daylight sensor(s) for daylight harvesting applications

WASP

- Easy to use DIP switches for programming sensor settings
- On/Off control
- Multiple (single and dual) output versions
- Unique Smart Cycling for improved lamp life
- Daylight sensor(s) for daylight harvesting applications

Applications

Parking Garage	Manufacturing	Site/Area	Warehouse

HUBBELL®
Control Solutions

HUBBELL®

General Specifications

	Bluetooth® WASP	Dimming WASP	WASP
Bluetooth	Yes	No	No
Manual Override	Yes	No	No
ON/OFF Control	Yes	Yes – Optional cutoff time delay	Yes
Coverage[1]	Available Lens Patterns: 360°, 180°, Aisle, Half Aisle	Available Lens Patterns: 360°, 180°, Aisle, Half Aisle	Available Lens Patterns: 360°, 180°, Aisle, Half Aisle
Mounting Height[1]	High Mount Lens: 30 ft outdoor / 45 ft indoor, Low Mount Lens: 16 ft	High Mount Lens: 30 ft outdoor / 45 ft indoor, Low Mount Lens: 16 ft	High Mount Lens: 30 ft outdoor / 45 ft indoor, Low Mount Lens: 16 ft
Voltage	24VDC or 120-480VAC	24VDC or 120-480VAC	24VDC or 120/277/347VAC or 208/240VAC or 480VAC
Dimming (0-10V)	Yes	Yes	No
Timer Mode	Single Timer Mode: 1 sec - 20 mins Dual Timer Mode: • Timer1: 1 sec - 20 mins • Timer2: 0 mins - 4 hrs	Timer: 8-second test mode - 4, 8, 16 and 30 minute timeouts Optional Full Off Timer Delay: 60 minutes	Primary: 8-second test mode - 4, 8, 16 and 30 minute timeouts Secondary: Can be disabled (switches off with primary timer) - 30, 60 and 90 minute timeouts
Operating Environment	Indoor: 32° to 149°F (0° to 65°C); Outdoor: -40° to 149°F (-40° to 65°C)	Indoor: 32° to 149°F (0° to 65°C); Outdoor: -40° to 149°F (-40° to 65°C)	Indoor: 32° to 149°F (0° to 65°C); Outdoor: -40° to 149°F (-40° to 65°C)
PowerPack	24V version requires UVPP or MP series (not included)	24V version requires UVPP or MP series (not included)	24V version requires UVPP or MP series (not included)
Photocell	Yes (Upward/Downward)	Yes (Upward/Downward)	Yes (Upward/Downward)
NO/NC Relay	No	No	Yes (24V version)
Colors	White, Black, Gray	White, Black, Gray	White, Black, Gray
Certifications	IP65, UL STD 508, UL STD 244A, Title 24	IP65, UL STD 508, UL STD 244A, Title 24	IP65, UL STD 508, UL STD 244A, Title 24
Warranty	5-year	5-year	5-year

[1]Interchangeable lenses sold separately. See WASP™ Occupancy Sensor Lens Specification Sheet

Ordering Information

Bluetooth WASP

Ordering Example: WSPDBEMUNV, WSPDLWOBEMUNV-GY

WSPD				

MODEL
WSPD 0-10V Dimming WASP Sensor

ENVIRONMENT
B Standard Bluetooth® Version
LWOB Low-Temp/Water Tight/ Indoor/Outdoor with Bluetooth

MOUNTING
EM End Mount
SM Surface Mount

INPUT VOLTAGE
24V 24VDC (Low Voltage)
UNV 120-480VAC

COLOR
Blank White
BK Black*
GY Gray*

Dimming WASP

Ordering Example: WSPDLWOEMUNV-BK

MODEL
WSPD 0-10V Dimming WASP Sensor

ENVIRONMENT
Blank Standard Version
LWO Low-Temp/Water Tight/Indoor/Outdoor

MOUNTING
EM End Mount
SM Surface Mount

INPUT VOLTAGE
24V 24VDC (Low Voltage)
UNV 120-480VAC

COLOR
Blank White
BK Black*
GY Gray*

WASP

Ordering Example: WSPEMUNV

MODEL
WSP

ENVIRONMENT
Blank Standard Version
LWO Low-Temp/Water Tight/Indoor/Outdoor

MOUNTING
EM End Mount
SM Surface Mount

INPUT VOLTAGE
24V 24VDC (Low Voltage)
UNV 120/277/347VAC
UNV2R 120/277/347VAC (2 Outputs)
208 208/240VAC
480 480VAC

COLOR
Blank White
BK Black
GY Gray

*Made-to-Order, call factory for lead-times

HUBBELL® Control Solutions

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