

## TYPICAL APPLICATIONS

### Private Offices (Typical Energy Savings: 30% - 50%)<sup>†</sup>

Up to 15'x15'

Without Obstructions	WSD	Sensor must have visibility of the desktop activity
With Obstructions	WSD PDT	Small rooms without direct line of sight (Also required if occupant has back to sensor)
Up to 20'x20'	CM PDT 9*	Place within visual sight of main entry door

### Conference Rooms (Typical Energy Savings: 30% - 50%)<sup>†</sup>

Up to 15'x15'	WSD PDT	Sensor will detect both motion and sound
Up to 20'x20'	CM PDT 9*	Place within visual sight of main entry door
Up to 30'x30'	WV PDT 16*	Place sensor in corner along entrance wall

### Classrooms (Typical Energy Savings: 40% - 60%)<sup>†</sup>

Up to 30'x30'	WV PDT 16*	Place sensor in corner along entrance wall
Greater than 30'x30'	Multiple WV PDT 16*	Place sensors in opposite corners

### Open Office Areas (Typical Energy Savings: 20% - 40%)<sup>†</sup>

8'-10' Mounting Height	Multiple CM PDT 9*	Place sensors on 25' - 30' centers. Cover all entrances!
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### Restrooms (Typical Energy Savings: 50% - 80%)<sup>†</sup>

Private	WSD	No obstructions
Private w/Fan	WSD 2P	No obstructions, relay 1 controls lights, relay 2 is for fan
Up to 4 Stalls	WSD PDT	For rooms with obstructions
4 to 7 Stalls	CM PDT 9*	Place within visual sight of the main entry door
More than 7 Stalls	Multiple CM PDT 9*	Contact the factory for assistance

### Corridors (Typical Energy Savings: 20% - 60%)<sup>†</sup>

9' Mounting Height	CM 10*	Place sensors 50' on center
12' Mounting Height	CM 10*	Place sensors 60' on center

### Stairwells (Typical Energy Savings: 50% - 80%)<sup>†</sup>

1 Per Landing	WV 16*	Place in corner along entrance wall
1 Per Landing	CM 9*	Place on ceiling near entrance wall

### Storage/Janitor Closets (Typical Energy Savings: 50% - 80%)<sup>†</sup>

Less than 10'x10'	WSD V	No obstructions should block the sensor from seeing the room
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### Locker Rooms (Typical Energy Savings: 20% - 60%)<sup>†</sup>

Locker Area	CM PDT 10*	Place sensors on 25' - 30' centers (13' Radius Coverage)
Restroom		See restrooms above
Shower Area	WV 16 LT* or CM 9 LT*	Place sensor outside the range of water

### Gymnasiums (Typical Energy Savings: 20% - 50%)<sup>†</sup>

25' Mounting Height	CM 6*	Place sensors on 40' centers. Cover all entrances!
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\* Requires power pack(s)

<sup>†</sup> Results typical; actual savings may differ

## Warehouses (Typical Energy Savings: 20% - 50%)†

360°, 15' - 45' Mounting Height	<b>CMRB 6</b>	1 sensor per fixture
Entire Aisle Control	<b>HMB 10*</b> , <b>CM 6*</b> , <b>CMB 50*</b>	Coverage spans multiple fixtures
End-of-Aisle Starter	<b>HM 10*</b>	Covers up to 80' of aisle from the end of aisle
Middle-of-Aisle Sensor	<b>CMRB 50*</b>	1 sensor per fixture, sees 1.2 x mounting height in both directions

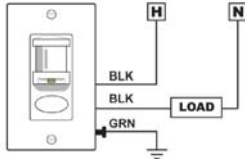
## Outdoor Lights, Corridors, Lobbies or Other Timeclock-Based Lights

Up to Eight 20A Circuits	<b>SPAK 8S 120/277</b>	Accepts Low Voltage Photocell as an input
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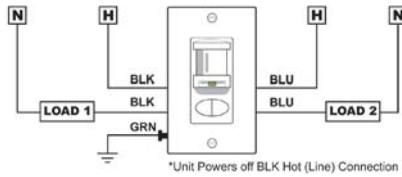
\* Requires power pack(s)  
† Results typical; actual savings may differ

### WIRING DIAGRAMS

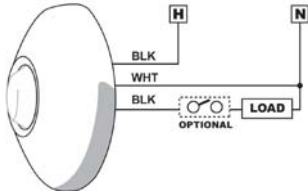
#### 1 WSD (PDT)



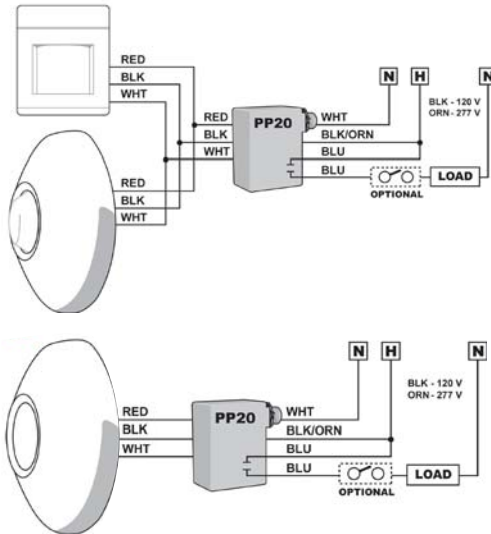
#### 2 WSD (PDT) 2P



#### 3 Line Voltage Sensor Wiring



#### 4 Low Voltage Sensor Wiring



### What Makes Sensor Switch Different?

#### MADE IN THE USA

Every product is 100% engineered and manufactured in the USA.



#### PASSIVE DUAL TECHNOLOGY (PIR / MICROPHONICS)

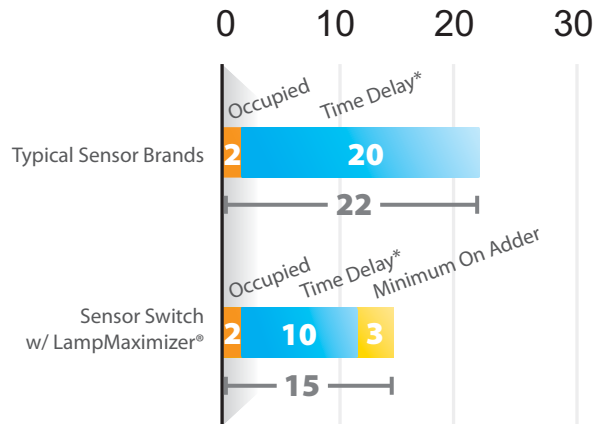
Sensors both see occupants motion and hear the sounds they make. This technology is more effective than technologies that only detect motion (e.g., Ultrasonic/PIR) and eliminates false-offs.

#### GREATER ENERGY SAVINGS

Sensors are set to a default 10 minute occupancy time delay, while other brands use 15 minutes or longer. This provides for greater energy savings and underscores our faith in our detection abilities.

#### LAMP-MAXIMIZING TECHNOLOGY

Patent pending LampMaximizer® technology allows users to aggressively target energy saving while still protecting lamp life. A minimum on timer prevents lamp cycles shorter than manufacturer recommendations. Additional optimizing features further enhance energy savings and lamp life.



**SAVES 32%** vs. Competitive Products!