



MOTION SENSOR WITH MAGNET BASE

► **DESIGN** - MICROWAVE MOTION SENSOR WITH MAGNET BASE provides energy-effective lighting control solution that enables the lights light up upon detection of movement and turn itself off if not required. It operates on 12V input power with 1-10V dimming option. The sensor can be installed at the 16.4ft maximum.

► **DEFAULT SETTINGS** - You can use default settings to cover most standard applications: Detection Area - 100%, Holdtime - 10min, Daylight Threshold - disable, Standby Period - 0s, Standby Dimming Level - 10%

► **ADJUSTMENTS** - Using remote you can adjust: Detection area 25%-100%, Holdtime 5s-30min, Daylight threshold 2-120Lux, Standby Dimming Level 10-50%, Standby Period 0s - +∞

► **EMERGENCY BACK-UP** - The sensor is compatible with ASD emergency Back-up, switches to Emergency mode when the power is off, and is back to the programmed operation mode when AC mode is renewed.

► **APPLICATION** - Sensor with magnet base is ideal solution for LED back-lit panels.



PRODUCT PRESENTATION:

Model	Power	Voltage	Dimming	Finish	Dimensions
ASD-M2MW-WH	0.6W	12 V	1-10 V	White	2-9/16" x 13/16" x 5/8"
REMOTE CONTROL					
ASD-06RC	-	-	-	White	5-11/16" x 1-3/4" x 13/16"

PRODUCT SPECIFICATIONS:

Construction & Materials		
Housing	ASD-M2MW-WH	Plastic
Environmental system		
Work environment	Suitable for Damp Locations	
Operating temperature	ASD-M2MW-WH	-13°F to 140°F (-25°C to 60°C)
Regular and voluntary certifications		
5-year limited warranty		

ORDERING INFORMATION

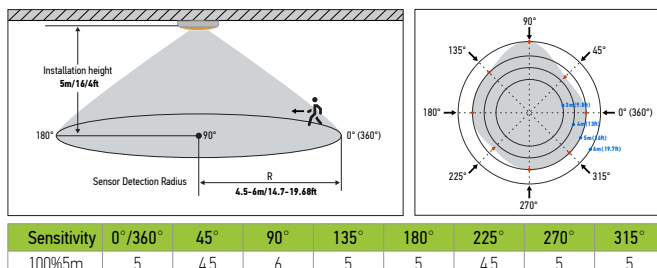
Model	UPC	Pcs. in middle box	Middle box size	Middle box weight	GTIN 14 in middle box	Pcs. per carton	Carton size	Carton weight	GTIN 14 in carton
ASD-M2MW-WH	810128119221	10	10.4" x 3.2" x 1.7"	0.4 lbs	10810128119228	120	11.2" x 7.5" x 10.2"	11.4 lbs	20810128119225
REMOTE CONTROL									
ASD-06RC	810128114370	10	6.3" x 2.9" x 1.14"	0.5 lbs	30810128114371	60	15.8" x 11.8" x 9.3"	24.7 lbs	40810128114378

MOTION SENSOR INFORMATION

Specifications	Default setting
Detection area	25 %/50 %/75 %/100 %
Hold time	5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min
Daylight threshold	2 lux (0.2 fc)/10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/80 lux (7.4 fc)/120 lux (11.2 fc)/disable
Standby period	0 s/10 s/30 s/1 min/5 min/10 min/30 min/+ ∞
Standby dimming level	10 %/20 %/30 %/50 %

Specifications	
Operating voltage	10.5 - 15 V
Operating current	< 30 mA
Mounting height	max 16.4 ft (5 m)
Detection radius	14.7 ft - 19.7 ft (4.5 m - 6 m)
Operating frequency	5.8 GHz ± 75 MHz
Transmitting power	< 0.3 mW

DETECTION COVERAGE:



This diagram shows the area covered by the motion sensor. The circles indicate the distance from the sensor, while different directions show how well motion is detected around it.

For most up-to-date spec sheets please refer to asd-lighting.com

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REMOTE CONTROL **ASD-06RC** sold separately



Button	Remarks	Button	Remarks	Button	Remarks
 ON/OFF	Turn the sensor ON/OFF.	 Auto	Enter "sensor mode" and perform previous settings.	 Reset	Enter "sensor mode" and perform the default settings.
 Scenes	Shows current settings saved in remote.	 Start	Press this to begin scene setup.	 Memory	Saves the scene settings.
 Apply	Applies current scene settings to the fixture.	 M H	Adjust detection area/sensitivity levels according to real installation situations, higher or lower.	 Send	Memorize and send out the previous setting of individual parameters.
 Detection range	Also known as "sensitivity", 100 % means the highest sensitivity and longest distance. Use this button and the + - buttons to adjust.	 Daylight sensor	The preset lux level at which motion will be detected. Use this button and the + - buttons to adjust.	 Stand-by dimming	After hold time, the light will dim from 100 % to optional standby dimming levels. Use this button and the + - buttons to adjust.
 Hold time	The period that light will stay illuminated 100 % after no motion is detected. Use this button and the + - buttons to adjust.	 Up	The main functional buttons to adjust the factors to desired level. Press + - button to dim light directly auto in non-detection mode.	 Stand-by period	The period after holdtime, during which the light keeps standby dimming level. Use this button and the + - buttons to adjust.
 CCT	CCT selectable	 Down		 POWER	Adjust brightness in both ON/OFF mode & sensor mode, minimum 10%, max 100%, each time this button is pressed it changes by 5%.
 Reserved button	Not applicable to this product.	 Daylight harvesting	Daylight harvesting function enabled or disabled.	 Test	Press this button to test the sensor; it will temporarily change the hold time to 2s. This setting cannot be saved.

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