

Zhaga Book 18 Microwave Motion Sensor, 5.8 GHz, 0-10V Dim Control, IP65

OVERVIEW

The 1-ST-RM-MS-Z is a Zhaga Book 18-compliant microwave motion sensor designed for outdoor luminaires including street lighting, passageway lighting, and garden lighting. It mounts via twist-lock terminals per the Zhaga Book 18 standard and provides multi-level dimming control based on motion detection and daylight contribution. All control parameters are adjustable via a compatible wireless remote configuration tool.

The sensor operates on 12–24V DC and delivers a 0–10V dimming output with up to 25mA sinking current, compatible with 0-10V LED drivers and dimming ballasts. The 5.8 GHz HF detection system supports a maximum mounting height of 40 ft. and offers selectable sensitivity levels, hold times, and daylight thresholds. Operating temperature range is -4°F to +140°F, and the unit carries an IP65 rating for wet and cold location use. Factory defaults are set to 100% sensitivity, 5-minute hold time, 30% standby dim level, and a 60-minute dimming period.

No certifications are confirmed in the available source data. Consult the product datasheet or contact Poli LED & Signs for compliance documentation applicable to your project specification.

SPECIFICATIONS

Input voltage	12-24V DC V DC	Operating temp	-20 to +60 °C
IP rating	IP65		

MOUNTING

