



COB LED Motion Sensor Light, 1W Cool White 6500K, 100 Lumens

- COB LED engine rated at 1W for low-power operation
- Cool white 6500K color temperature for high-contrast illumination
- 100 lumen output with a 120° beam angle
- Compact 4 × 3.5 × 5 in housing weighing 0.4 lb
- LED lifetime rated at 50,000 hours
- White finish for blending with standard architectural surfaces

OVERVIEW

The W-B-SR2-W is a COB LED motion sensor light designed for outdoor security and area illumination. Its integrated motion-sensing capability makes it suitable for entryways, perimeter lighting, and other exterior applications where on-demand activation is required. The fixture is finished in white, allowing it to blend with standard architectural surfaces.

The unit operates at 1W and produces a cool white 6500K color temperature with a 120° beam angle and 100 lumens output, delivering a crisp, high-contrast light suited for security-oriented applications. Physical dimensions are 4 × 3.5 × 5 in with a weight of 0.4 lb, making it a compact and lightweight option for straightforward installation. The LED is rated for 50,000 hours of service life.

SPECIFICATIONS

OPTICAL

Luminous Flux	100 lm
Color Temperature	6,500 K
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	4 × 3.5 × 5 in
Finish	White
Weight	0.4 lb

ELECTRICAL

Wattage	1 W
---------	-----

ORDERING

Warranty	1 y
----------	-----

APPLICATIONS

Entryway and doorway illumination

Exterior perimeter lighting

Residential outdoor security lighting

Pathway and walkway motion lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	100 lm	db	high
cct_k	6,500 K	db	high

slug	value	source	confidence
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
wattage	1 W	db	high
product_dimensions	4 × 3.5 × 5 in	db	high
finish	White	pdf	high
weight	0.4 lb	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY