

Product Data Sheet

Date: 28/11/2025
Zambelis Lights



Code E449

Color: Graphite

Physical Specifications

Luminaire Type	Spike Lights
Special Feature	Solar Panel 3 Lighting Modes
Motion Sensor	Sense Distance 3-5m
Color	Graphite
Material	Aluminium - PC Diffuser
IP	54
IK	5
Warranty	3 Years

Illumination Data

Color Temperature	3000K
Cri	80
Lumen Output	85Lm
Beam Angle	360° in a sphere
UGR	N/A
Energy Efficiency Class	E
Indicative Lifetime	L70B50 30000H
Mc Adam	SDCM<1

Packing Info

Package Size	L: 16.5cm W: 16.5cm H: 50cm
Gross Weight	1.3kg

Dimensions Reference

Overall Dimensions	Ø: 16cm H: 49cm
Cable & Wires	None
Depth Required	None
Cutting Hole	None
Base & Spike	Included

Electrical Specifications

Input	3.7V DC
Battery	2200 MAH
Power	2W
Light Source	LED built in
Dimming Options	Dim Upon Motion (Mode 1)
Safety Class	III

Product Description

Outdoor Spike LED Light 2W 3000K Solar Panel
Graphite Aluminium PC Diffuser IP54

LIGHTING MODES OVERVIEW

Mode 1 – Dim + Motion Sensor

LED operates at 10% brightness when ambient light <20 lux. Upon motion detection, brightness increases to 100% during movement. After 5 hours, standby dims to 5%, and motion-triggered output drops to 70%.
Lamp switches off when ambient light >20 lux.

Mode 2 – Constant Light

Motion sensor disabled. LED runs at 50% when ambient light <20 lux, reduces to 30% after 2 hours, and 20% after 5 hours. Turns off when ambient light >20 lux.

Mode 3 – Motion Only

No light at standby. LED activates at 100% upon motion detection and stays on for 25 seconds after movement stops. After 5 hours, motion-triggered output reduces to 70%. Turns off automatically when ambient light >20 lux.

