

LED SOLAR BARN LIGHT

SPEC SHEET



Catalog No. : SNEB50-MS-5K-BK

Type : Barn Light

Project Name :

Location :

Qty :

Date :

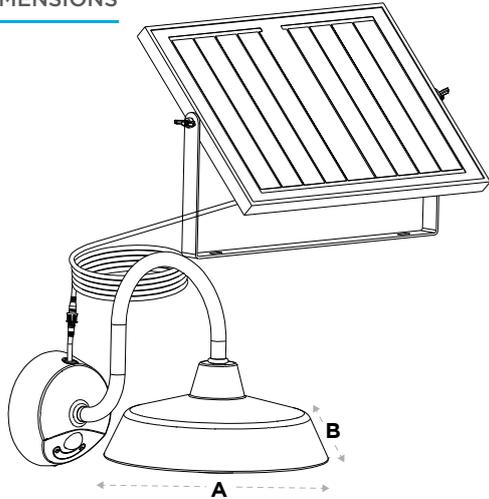
Product Features

PROBRITE's LED Outdoor Solar Barn Light, delivers an unparalleled brightness while prioritizing sustainability. This efficient lighting solution merges radiant illumination with a 45-watt energy-saving design and intelligent battery management. With a rapid 8-hours full charging time powered by a dependable monocrystalline solar panel, enjoy uninterrupted lighting in the night. It's ideal for garages, pathways, entryways parking lots and more. The full-function 5-mode remote control ensures precise brightness control and complemented by PIR sensor with photocell for added security. All Weather-resistant and backed by PROBRITE's limited 3-year warranty, guarantees years of reliable performance and trust.

Ordering guide

Prefix		Lumens		Motion Sensor		Color Temperature		Finish	
SNEB		50				5K		BK	
SNEB	LED Solar Barn Light	45	4000lm	MS	Motion sensor	3K	3000K	BK	Black
						4K	4000K	WH	White
						5K	5000K	BZ	Bronze

PRODUCT DIMENSIONS



SNEB50-MS-5K-BK	
A	7.6 in
B	4.8 in
C	5.0 in

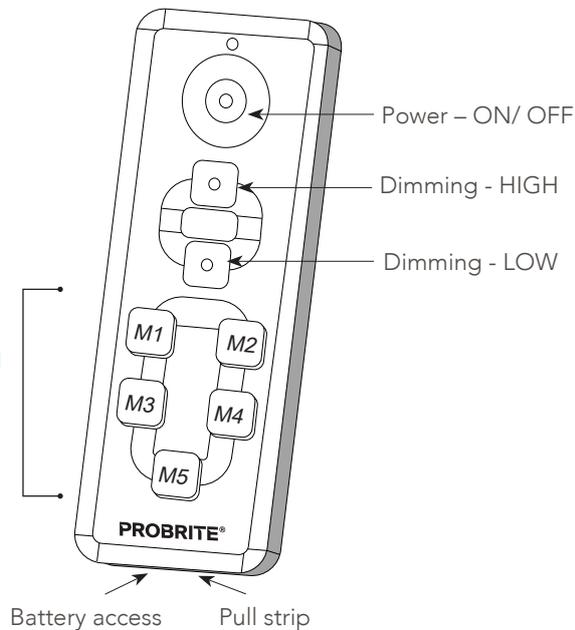
PRODUCT SPECIFICATION

Product name	LED Solar Barn Light
Product Model	110-00400001-1 - SNEB50-MS-5K-BK
Power	45W (MAX)
Lumen	4000LM±10%
Efficacy	89 LM/W
CCT/K	5000±250K
CRI	70
LED	2835*138 PCS
Operating Temp (Fixture)	-20°C (-4°F) - 40°C (104°F)
Housing Material	Aluminium + PC + Metal
Lens	Clear Prismatic
Sensor	PIR sensor with Photocell
Product size	7.6 x 4.8 x 5.0 in
Battery Specification	9.6V/6AH 32700*3
Full Charging Time	8 Hours
Battery Material	Lithium iron Phosphate
Battery Operating Temp.	0°C (32°F)-40°C (104°F) (while charging) -20°C(-4°F) - 40°C (104°F) (while discharging)
Battery Lifetime	>1000 Cycles
Solar Panel Wattage	10.5W 15V 0.7A
Solar Panel Specification	13.75 x 9.75 x 6.25 in
Fixture And Solar Panel Lead Wire	15 ft
Discharge current	2.5A (MAX)
Dimmable	20% / 40% / 60% / 80% / 100%
Function	Remote control functions: ON/OFF, Automatic, 4H,6H,8H,10H, Dimming and other control modes
IP Rating	IP65
Installation Height	5-14 ft
Lifespan	25,000 Hours

REMOTE CONTROL OPERATION

MODES OF OPERATION

(Operate at maximum of 25ft from the fixture)

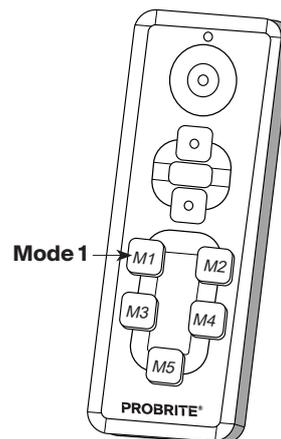


SELECT MODE WITH REMOTE CONTROL

OPTION 1: 4 HOURS MODE (M1)

4 HOURS MODE enables the light fixture to turn ON for 4 hours at 400 lumens ambient light. Upon motion detection, light emits 4000 lumens for security lighting.

- Once this mode is selected it will remain in the current mode until the fixture is manually turned off through the remote control.
- Dimming will be proportionate to the lumens (400) in the selected mode, until the fixture is manually turned off or a new mode has been selected.



NOTE: The fixture will emit 4000 lumens for 20 seconds upon each motion detected, for up to 3 minutes. Each motion detection thereafter will be limited to 2000 lumens until the next charge.

OPERATION

OPERATION (CONTINUED)

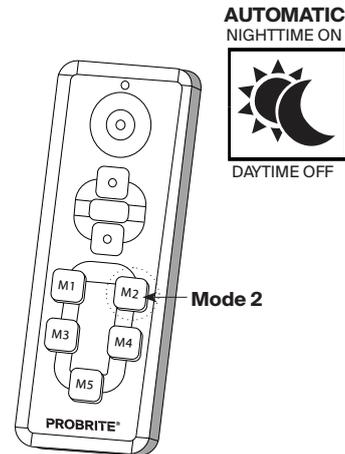
OPTION 2: ALL-NIGHT MODE (M2)

ALL-NIGHT MODE enables the light fixture to turn on for first 4 hours at 400 lumens, followed by 8 hours at 80 lumens for lighting through out the night. Upon motion detection, light emits 2600 lumens.

- Once this mode is selected, it will remain in the current mode until the fixture is manually turned off through the remote control.
- Dimming will be proportionate to the lumens (400, 80) in the selected mode, until the fixture is manually turned off or a new mode has been selected.



NOTE: The fixture will emit 4000 lumens for 20 seconds upon each motion detected, for up to 3 minutes. Each motion detection thereafter will be limited to 2000 lumens until the next charge.

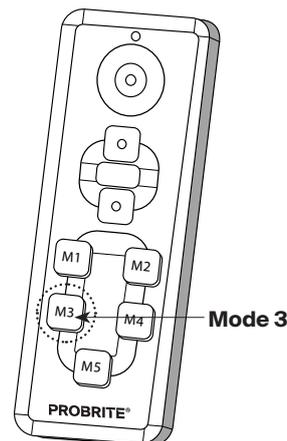


OPERATION (CONTINUED)

OPTION 3: 4 ENERGY-SAVING MODE (M3)

ENERGY-SAVING MODE enables the light fixture to turn on for first 4 hours at 240 lumens, followed by 10 hours at 80 lumens to conserve the battery. Upon motion detection, light emits 1800 lumens.

- Once this mode is selected, it will remain in the current mode until the fixture is manually turned off through the remote control.
- Dimming will be proportionate to the lumens (240, 80) in the selected mode, until the fixture is manually turned off or a new mode has been selected.



OPERATION

OPERATION (CONTINUED)

OPTION 4: MOTION-ONLY MODE (M4)

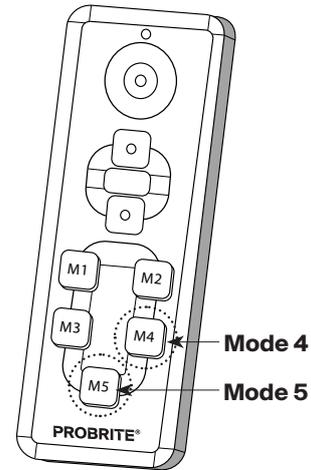
MOTION-ONLY MODE enables the light fixture to turn on ONLY when motion is detected. Upon motion detection, light emits 4000 lumens for maximum security lighting

- Once this mode is selected, it will remain in the current mode until the fixture is manually turned off through the remote control.
- Dimming is unavailable in this mode.

OPTION 5: OCCUPANCY MODE (M5)

OCCUPANCY MODE enables the light fixture to turn on ONLY when motion is detected:

- 1st trigger: 2800 lumens for 20 seconds
- 2nd trigger: 1800 lumens for 30 minutes
- 3rd trigger: 920 lumens for 4 hours
- Once this mode is selected, it will remain in the current mode until the fixture is manually turned off through the remote control.
- Dimming is unavailable in this mode.



2. MANUAL OPERATION

ON-FIXTURE CONTROLS:

- Power - depress button on right of motion sensor for ON/OFF operation.
- Depress button on right of motion sensor for Mode. Continue pressing button until desired Mode is achieved.

