Catalog #		Date		Prepared by	
Project		Type		Notes	

HALO™
OUTDOOR LIGHTING

SOLAR POWERED | **LED**

SBL SOLAR AREA LIGHT
WITH ALL-IN-ONE DESIGN AND 3 MODES OF OPERATION

MOTION Activated
or
DUSK TO DAWN

Select the modes of operation with the included RF Remote Control

Batteries included

Get reliable and hassle-free outdoor lighting with our Solar Area/ Barn Light. Choose from 3 lumen packages and mount up to 15ft. With 3 selectable modes and integrated dusk-to-dawn functionality, it's perfect for rural and off-grid areas. Easy to install with a 1-year warranty.

TOP PRODUCT FEATURES

MOTION ACTIVATED | **DUSK to DAWN** | **D2D+ MOTION ACTIVATED**

3 MODES OF OPERATION

5000K BRIGHT WHITE | **LED LIFESPAN 50,000 hr** | **weather resistant** | **Rechargeable Battery** 1.5 Hour Run Time | **REMOTE CONTROL**

30S-60S-90S ADJUSTABLE TIME SETTINGS | **120°** DETECTION AREA | **25'** DETECTION DISTANCE | **15'** MOUNTING HEIGHT | **1YEAR** LIMITED WARRANTY | **1.5G VIB**

- "Off-Grid" is a cost-effective option as it requires no expensive wiring to operate.
- The design is all-in-one, featuring an LED, solar panel, and battery that are built in for effortless installation.
- There are three levels of brightness available at 5000K - 1000, 1500, and 3000 lumens.
- The motion sensor included detection range of 120° and can detect movement from as far as 25 feet away.
- 3 selectable modes of operation with remote control
- Including Motion, Dusk-to-dawn, and Motion + Dusk-to-dawn.
- Battery runs up to 90mins at maximum output on full charge and lasts up to 500 cycles
- Battery recharges in 8 hours in full sun
- Fixture can be mounted up to 15ft on a wall or pole
- 1-year warranty for added peace of mind
- D2D mode runs for 8 hours at 10% lumen output
- 8-hour recharge time to 100%

PRODUCT CERTIFICATION

UL CERTIFIED | **UN38.3 PASSED** Transport Safety Certified | RoHS | FC

COOPER
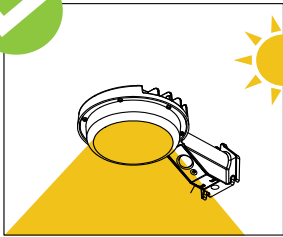Lighting Solutions

TYPICAL APPLICATIONS

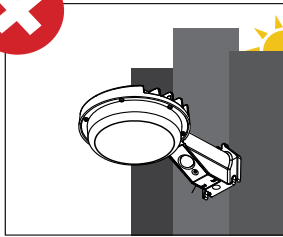### COMMERCIAL & RESIDENTIAL OUTDOOR

- Garages
- Carports
- Driveways
- Loading Bays
- Warehouses

- Apartment Complexes
- Hotels
- Offices
- General Security Lighting

Or anywhere where trenching wire is cost prohibited. Put light anywhere simply and easily with Solar Power!
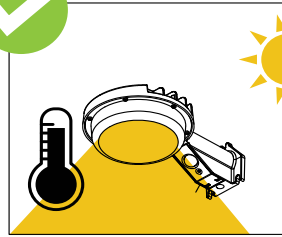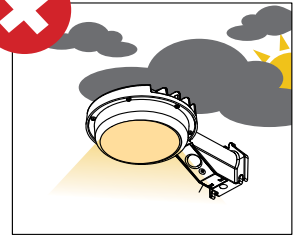
MOUNTING LOCATION BEST PRACTICES

Most hours of direct sunlight, unblocked by trees or buildings

Limited or no direct sunlight, shaded or blocked by trees or buildings

Warmer location with predominant sunshine = Maximum performance

Cold location with consecutive cloud covered days = Possible inconsistent performance

PRODUCT FEATURE HIGHLIGHTS

**ALL IN 1 DESIGN
WITH REMOTE CONTROL**

**MULTIPLE WAYS
TO MOUNT**

Batteries included

Inbuilt Solar Panel Design

Remote control included for easy configurations

Integrated Motion Sensor

WALL MOUNT

Mount light fixture to wall using included lag screws

POLE MOUNT

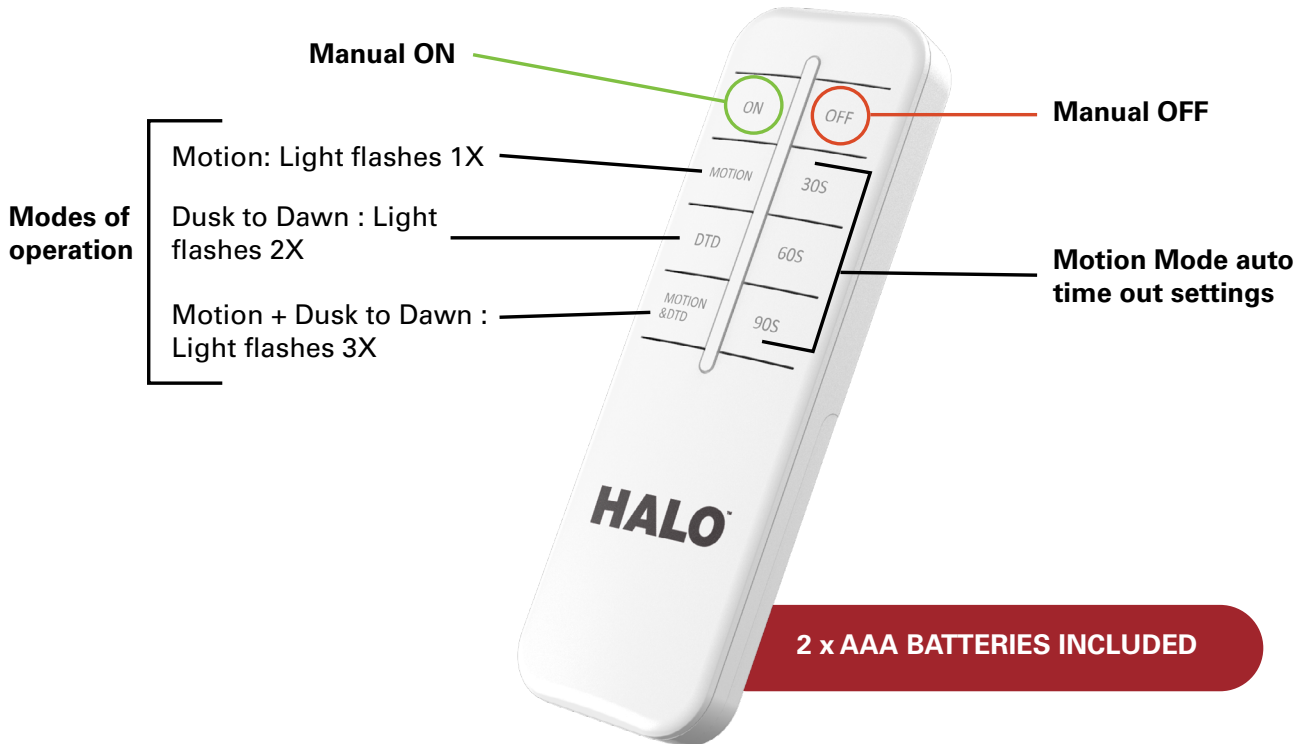Pole Mount (pole sold separately) by using included hardware

PRODUCT FEATURE HIGHLIGHTS (CONTINUATION)

INTEGRATED MOTION SENSOR

Fixture can be mounted 15' and motion sensor has a detection angle(range) of 120 Degrees and can detect people up to 25' away.

REMOTE CONTROL SETTINGS

Manual ON

Manual OFF

Modes of operation

Motion: Light flashes 1X

Dusk to Dawn : Light flashes 2X

Motion + Dusk to Dawn : Light flashes 3X

Motion Mode auto time out settings

2 x AAA BATTERIES INCLUDED

MODES OF OPERATION

↑ 🌙 **After sun down** Fixture turns on	↑ 🌅 **At sunrise** Fixture turns off

DUSK to DAWN MODE

🌙 **Fixture on @ 12% all night**

☀ **Fixture off during the day**

MOTION ACTIVATED MODE

Fixture off at night when no motion detected

🌙🏃 **Fixture on @ 100% when motion detected**

🌙⏱ **Fixture turns off after time out**

DUSK to DAWN + MOTION ACTIVATED MODE

🌙 **At night fixture turns on @ 8% brightness**

🌙🏃 **When motion is detected fixture increases to 30% brightness**
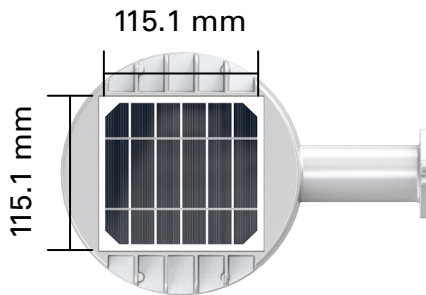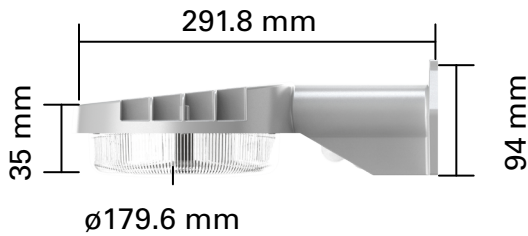
🌙⏱ **Fixture dims down to 10% brightness after time out**

Catalog Number	Initial Lumen Output	Operation Mode	Lumens in Motion Mode	Lumens in D2D Mode	Initial Lumen	Runtime	Final Lumen
SBL10A50GY	1000LM	Motion	1000	NA	1000	90 Min	500
		Motion + D2D	300 (30 Min)	80	80	11 Hrs 30 Min	0
		D2D	NA	120	120	12 hrs	0
SBL15A50GY	1500LM	Motion	1500	NA	1500	90 Min	750
		Motion + D2D	450 (30 Mins)	120	120	11 Hrs 30 Min	0
		D2D	NA	180	180	12 hrs	0
SBL30A50GY	3000LM	Motion	3000	NA	3000	90 Min	1500
		Motion + D2D	900 (30 Mins)	240	240	11 Hrs 30 Min	0
		D2D	NA	360	360	12 hrs	0

ORDER INFORMATION

Catalog Number	Description	Material No.	UPC	Case Qty	Case Dimensions (in.)			Weight (lbs)
					L	W	H	
SBL10A50GY	SOLAR BARN LIGHT,1000LM,5000K,MTN+D2D,GY	13604691	080083260461	2	7.2	3.7	11.6	2.0
SBL15A50GY	SOLAR BARN LIGHT,1500LM,5000K,MTN+D2D,GY	13604692	080083260485	2	8.9	3.8	13.4	2.8
SBL30A50GY	SOLAR BARN LIGHT,3000LM,5000K,MTN+D2D,GY	13604693	080083260508	2	11.3	3.8	15.8	4.1

PRODUCT DIMENSIONS

SBL10A50GY

291.8 mm
35 mm
94 mm
ø179.6 mm
115.1 mm
115.1 mm

SBL15A50GY

334.2 mm
35 mm
94 mm
ø221.6 mm
149.8 mm
139.9 mm

SBL30A50GY

395.2 mm
35 mm
94 mm
ø282.5 mm
190.5 mm
180.3 mm
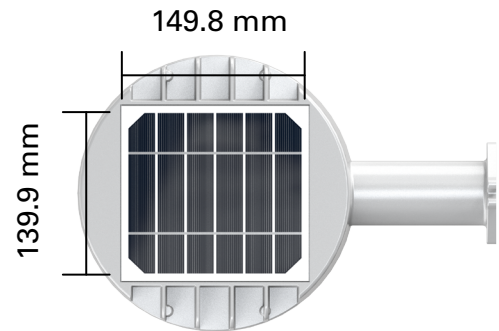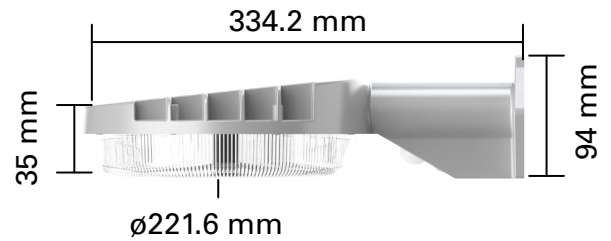
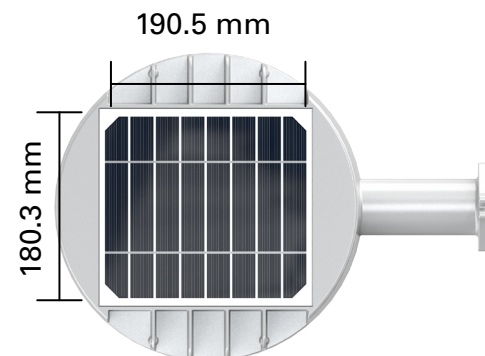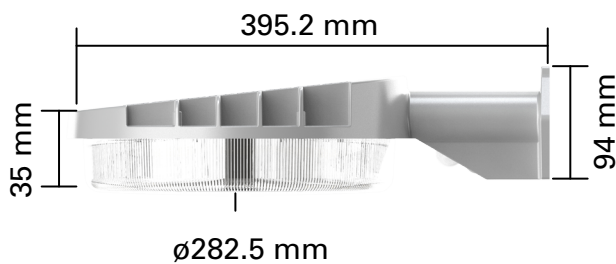## PRODUCT SPECIFICATIONS

Construction
- Robust Die-Cast housing.
- Housing suitable for wet locations and is resistant to harsh outdoor conditions.
- All-in-one design that includes fixture housing, solar panel, battery, remote and LED light source
- UV & impact resistant prismatic drop lens provides diffuse and wide light distribution
- Powder coated textured gray finish.
- LED indicator light provides battery charging & discharging status

Controls
- 3 different operating modes configurable with included RF Remote control and also including standard On/Off functionality.
  - Motion Mode
  - Dusk to Dawn Mode
  - Motion + Dusk to Dawn Mode
- Auto Time Out settings of 30S, 60S & 90S when using a motion mode before light turns off
- Dimming levels determined by selected mode of operation.
- Remote Control Range: 20ft-25ft

Motion Sensor
- Passive Infrared motion sensor with a 120° detection range.
- Maximum detection distance of 25'.

Mounting
- Wall mount using included (3) lag screws and washers.
- Pole mount to any standard 2" curved pole (sold separately)
- Mounting hardware included in packaging.

Electrical
- 5000K bright cool white light is optimal for security lighting .
- Maintenance - free LEDs with estimated 50,000 hours lifespan based on LM-80 results and TM-21 calculations.
- Rated for ambient operating temperature range from -4°F (-20°C) to 104°F (40°C)
- CRI >70

Compliance
- UL certified for USA and Canada for wet locations.
- Contains no mercury or lead - RoHS compliant (RoHS 2.0)
- UL Wet location
- UN38.3 transportation certified

Battery
- Total battery capacity of 90 minutes if run continuously at full brightness.
- Battery recharge time of 8 hours in full direct sunlight
- Batteries are not removable or replaceable.

Warranty
- One year limited warranty, consult website for details. www.cooperlighting.com

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

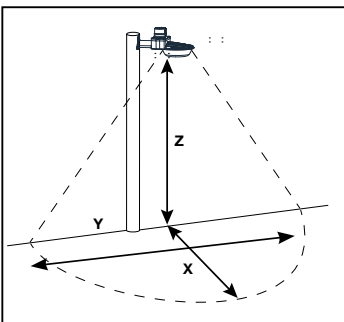**SBL-RC**
Solar Barn Light, Remote Control

EA24
24in Mounting Arm for Area Lights

PHOTOMETRIC DATA

Catalog Number	CCT	Watta	Initial Lumens	CRI
SBL10A50GY	5000K	7W	1000	73.0
SBL15A50GY	5000K	11.5W	1500	73.0
SBL30A50GY	5000K	15W	3000	73.0

SUGGESTED MOUNTING HEIGHT

Minimum Footcandles (FC)		0.50 FC							
Mounting Height (Z)		8'		10'		15'		20'	
Catalog Number	Lumens	X	Y	X	Y	X	Y	X	Y
SBL10A50GY	1000	NA	NA	NA	NA	NA	NA	NA	NA
SBL15A50GY	1500	13	26	15	29	16	31	/	/
SBL30A50GY	3000	16	33	18	35	21	42	/	/

X = Forward Throw
Y = Wall Spread
Z = Mounting Heights

Notes:
Forward throw X = 1/2 Y for wall-mount applications only
See IES files for detailed photometry