Catalog #		Date		Prepared by	
Project		Type		Notes	

HALO™

OUTDOOR LIGHTING

SLST SOLAR AREA FLOODLIGHT

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

Halo Outdoor all-in-one integrated solar floodlight adds safety and security to your home, property, or business with its ultra bright, long-lasting, all-weather lighting. It comes with an efficient solar panel for a seamless experience. Choose from 4 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

Super bright up to 4500 LUMENS

MODES OF OPERATION / MODES DE FONCTIONNEMENT

MOTION ACTIVATED / MOUVEMENT ACTIVE	DUSK to DAWN / DU CRÉPUSCULE à L'AUBE	DUSK to DAWN + MOTION ACTIVATED / DU CRÉPUSCULE à L'AUBE + MOUVEMENT ACTIVE

5000K BRIGHT WHITE	50,000 HR LED LIFESPAN	IP65 WEATHER RESISTANT	RECHARGEABLE BATTERY WITH 1.5 HOUR RUN TIME	30S 60S 90S ADJUSTABLE TIME SETTINGS
90° 30° TILTABLE BODY	120° DETECTION AREA	20' DETECTION DISTANCE	15' MOUNTING HEIGHT	

REMOTE CONTROL **1 YEAR** LIMITED WARRANTY **1.5G VIB**

- Durable weather resistant polycarbonate construction with IP65 rating
- Rechargeable Li-Ion battery pack included
- Three operation modes: Motion Mode, Dusk-to-dawn mode, Motion + Dusk-to-dawn mode
- Top mounted solar panel ensures light is easily adjustable up and down for optimum positioning for direct sunlight
- High-efficiency solar panel, waterproof and dustproof construction, and high-impact ABS polycarbonate lens for ultra durability
- Motion sensor with 120-degree detection zone and 20-ft detection distance
- Adjustable LED panels enable user to direct light further outward if preferred
- Wall and pole mount accessories included
- IP65 Rated- Perfect for outdoor applications
- Available in textured bronze finish
- 1-year warranty

INTERACTIVE MENU

PRODUCT CERTIFICATION

UN38.3 PASSED Transport Safety Certified   RoHS   FC

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
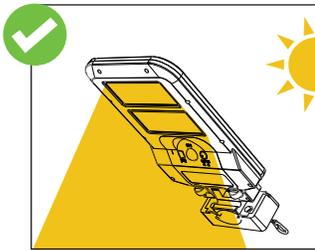
Most hours of direct sunlight, unblocked by trees or buildings
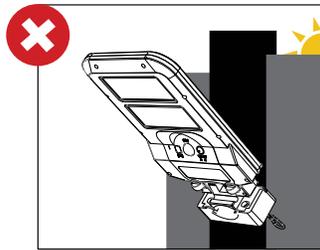
Limited or no direct sunlight, shaded or blocked by trees or buildings

Warmer location with predominant sunshine = Maximum performance
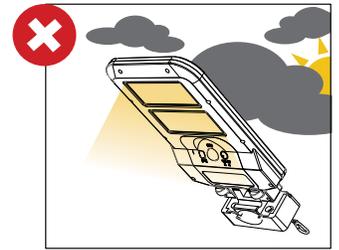
Cold location with consecutive cloud covered days = Possible inconsistent performance

PRODUCT FEATURE HIGHLIGHTS

ALL IN 1 DESIGN WITH REMOTE CONTROL

TILTING OPTICS

INTEGRATED MOTION SENSOR

ALL-IN-1 SOLAR PANEL DESIGN

Batteries included
NO WIRING NEEDED!

CONFIGURE & CONTROL USING REMOTE

MULTIPLE WAYS TO MOUNT
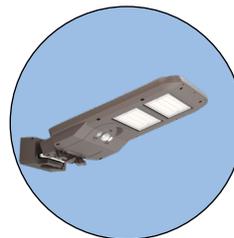
WALL MOUNT

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

120° DETECTION AREA

20' DETECTION DISTANCE

Fixture can be mounted 15' high and motion sensor has a detection angle (range) of 120 Degrees and can detect people up to 20' 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

ON
OFF
MOTION
30S
DTD
60S
MOTION &DTD
90S

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2 x AAA BATTERIES INCLUDED
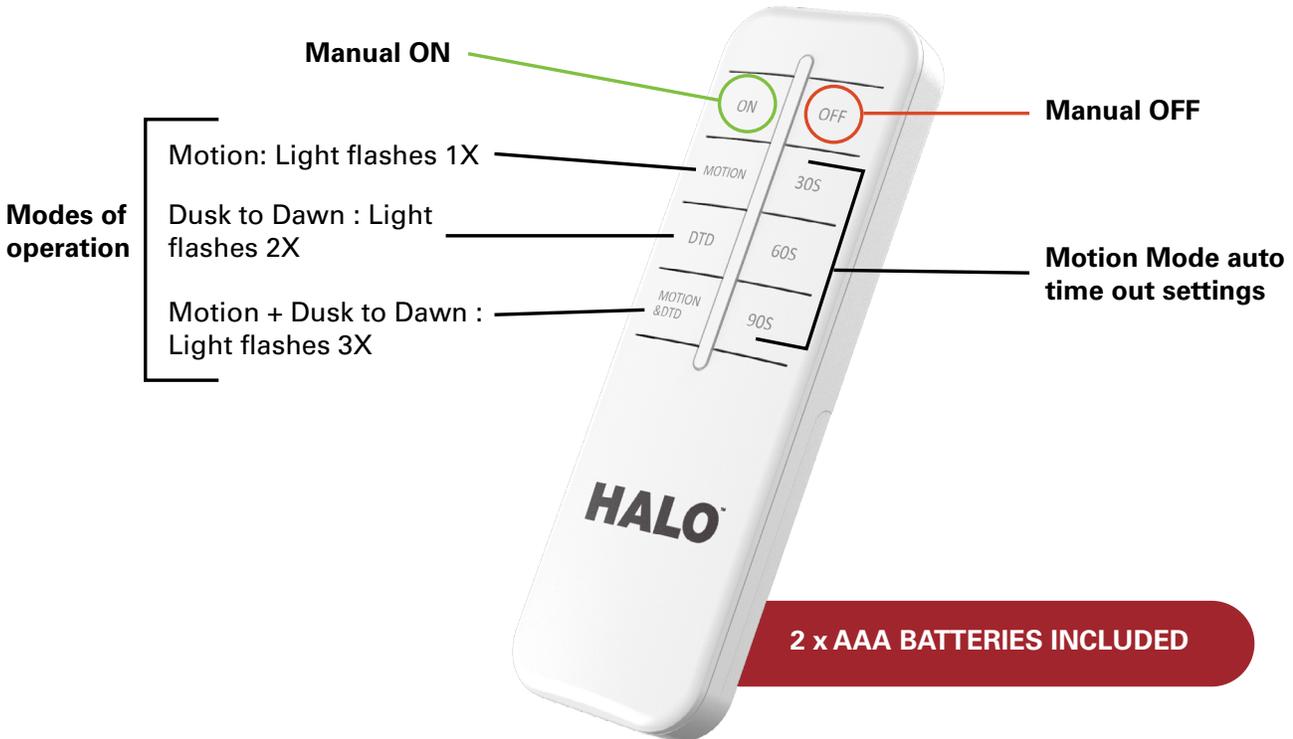
MODES OF OPERATION

After sun down, fixture turns on | At sunrise, fixture turns off

DUSK to DAWN MODE — RUN TIME 12 HRS

Fixture on @ 12% all night

Fixture off during the day

MOTION ACTIVATED MODE — RUN TIME 1.5 HRS

No Motion: Fixture off

With Motion: Fixture on @ max lumen

After time out: Fixture turns off
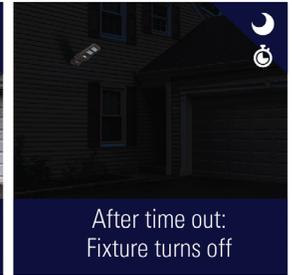
DUSK to DAWN + MOTION ACTIVATED MODE — D2D RUN TIME 11.5 HRS — MOTION RUN TIME 0.5 HRS

At night fixture turns on @ 8% brightness

When motion is detected fixture increases to 30% brightness

Fixture dims down to 8% brightness after time out

Catalog Number	Initial Lumen Output	Operation Mode	Lumens in Motion Mode	Lumens in D2D Mode	Initial Lumen	Final Lumen	Runtime
SLST105MB	1000LM	Motion	1000	NA	1000	500	90 Min
		Motion + D2D	300 (30 Min)	80	80	0	11 Hrs 30 Min
		D2D	NA	120	120	0	12 hrs
SLST155MB	1500LM	Motion	1500	NA	1500	750	90 Min
		Motion + D2D	450 (30 Mins)	120	120	0	11 Hrs 30 Min
		D2D	NA	180	180	0	12 hrs
SLST305MB	3000LM	Motion	3000	NA	3000	1500	90 Min
		Motion + D2D	900 (30 Mins)	240	240	0	11 Hrs 30 Min
		D2D	NA	360	360	0	12 hrs
SLST455MB	4500LM	Motion	4500	NA	4500	2250	90 Min
		Motion + D2D	1350	360	360	0	11 Hrs 30 Min
		D2D	NA	540	540	0	12 hrs

HALO
OUTDOOR LIGHTING

ORDER INFORMATION

| Catalog Number	Description	Material No.	UPC	Case Qty	Case Dimensions (in.)			Weight (lbs)
					L	W	H	
SLST105MB	SOLAR STRT LIGHT,1000LM,5000K,MTN+D2D,BR	13631761	080083273386	4	15.35	8.27	2.56	3.53
SLST155MB	SOLAR STRT LIGHT,1500LM,5000K,MTN+D2D,BR	13631762	080083274109	4	15.35	8.27	2.56	3.53
SLST305MB	SOLAR STRT LIGHT,3000LM,5000K,MTN+D2D,BR	13631763	080083274123	4	20.87	8.27	2.56	5.26
SLST455MB	SOLAR STRT LIGHT,4500LM,5000K,MTN+D2D,BR	13631764	080083274147	4	20.87	8.27	2.56	5.26

PRODUCT DIMENSIONS

SLST105MB
SLST155MB

SLST305MB
SLST455MB

COOPER
Lighting Solutions
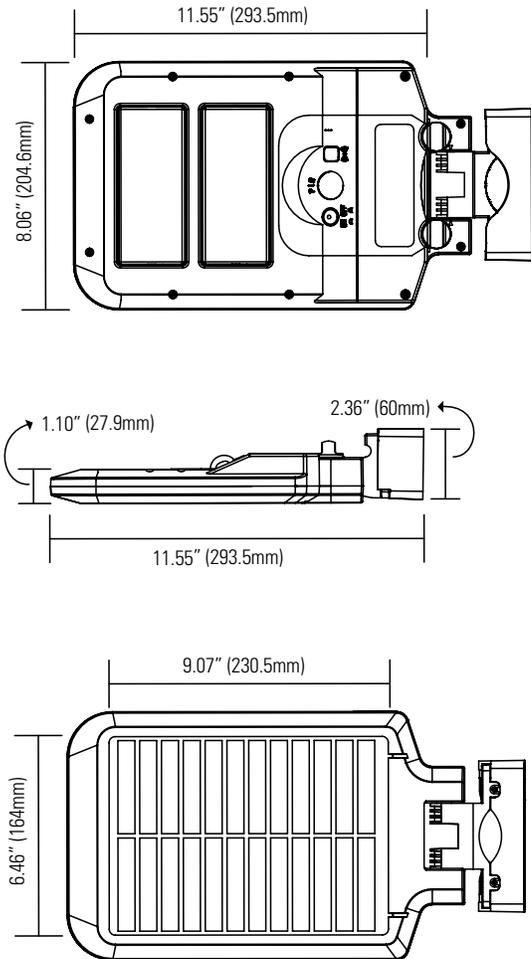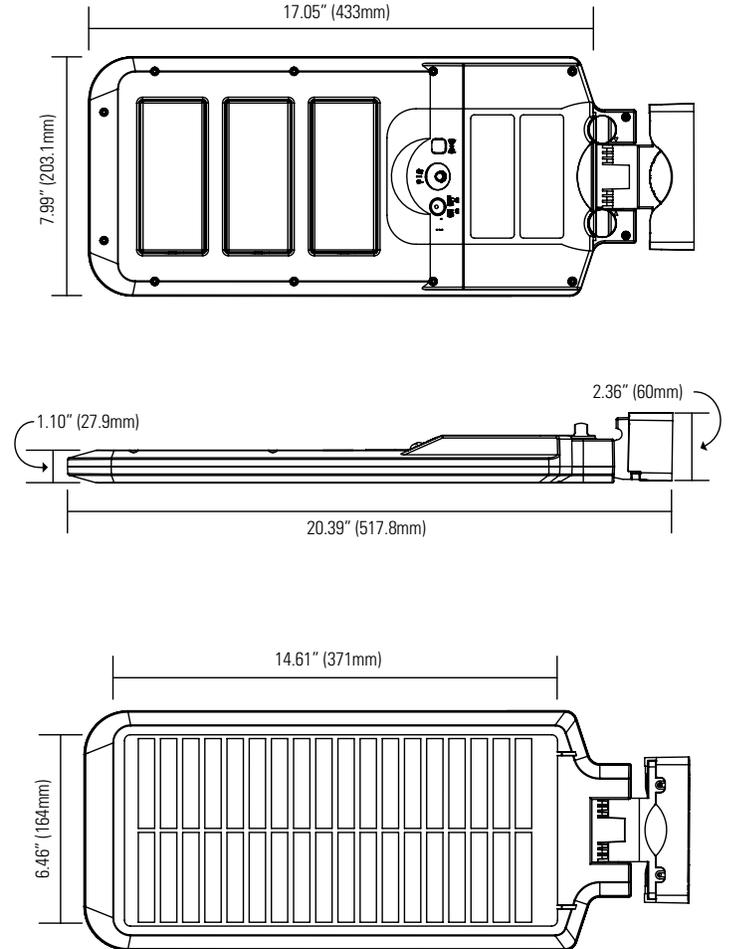
PRODUCT SPECIFICATIONS

Construction
- Durable polycarbonate housing suitable for wet locations
- All-in-one design that includes fixture housing, solar panel, battery, and LED light source
- UV stable polycarbonate housing
- LED indicator light provides battery charging & discharging status

Optics
- Produces rated lumens when fully charged
- 5000K CCT perfect for security applications
- Clear lens for maximum light output

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 motion mode before light turns off
- Dimming levels determined by selected mode of operation.
- Remote Control Range: 20ft-25ft (unobstructed)

Motion Sensor
- Passive Infrared motion sensor with a 120° detection range.
- Maximum detection distance of 20'.

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

Electrical
- 120° Motion sensor with detection range up to 20 feet.
- Integrated rechargeable Li-Ion battery pack
- 90-minute continuous runtime on a full charge in motion mode
- 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 32°F (0°C) to 104°F (40°C)
- Integral photocell allows for nighttime ON / daytime OFF operation

Compliance
- IP65 Rated- Perfect for demanding outdoor applications.
- Contains no mercury or lead - RoHS compliant (RoHS 2.0)
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- 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.

Finish
Textured Bronze Finish

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

Series	Battery capacity (WH)	Delivered Lumens (lm)	CCT (K)	CRI
SLST105MB	16.28	1000	5000K	70
SLST155MB	16.28	1500	5000K	70
SLST305MB	32.56	3000	5000K	70
SLST455MB	48.84	4500	5000K	70

SUGGESTED MOUNTING HEIGHT
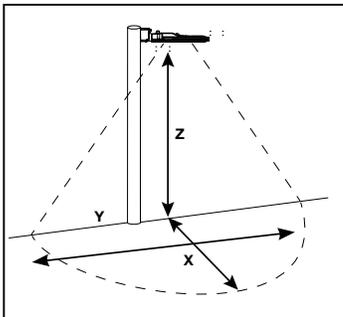
Minimum Footcandles (FC)		0.50 FC							
Mounting Height (Z)		8'		10'		15'		20'	
Catalog Number	Lumens	X	Y	X	Y	X	Y	X	Y
SLST105MB	1118	12	24	13	26	14	29	/	/
SLST155MB	1547	12	27	14	30	16	33	/	/
SLST305MB	2953	16	33	17	36	21	42	/	/
SLST455MB	4293	17	35	20	41	24	48	26	52

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

COOPER
Lighting Solutions

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Specifications and dimensions
subject to change without notice.

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