

Catalog #		Date		Prepared by	
Project		Type		Notes	



HALO OUTDOOR

Solar Wedge

The SWL series solar wedge light combines the reliability of our home security lighting with the convenience of solar power. Instantly increase home safety and security in areas like garages, doorways, sheds and backyards with bright, motion-activated lighting. Integrated LEDs are rated at 50,000 hours for maintenance free operation.

This product is perfect for wall mount installation. Integrated 120-degree motion sensor automatically turns the light on when motion is detected (Dusk to Dawn).

This flood light is ideal for illuminating stairs, paths, decks, gardens or use as an accent light for lawns, garage, gardens, etc. Available 500 and 800 lumen options in bronze and white finishes.

Typical Applications

Outdoor Area/Site • Residential

Product Certification



Product Features



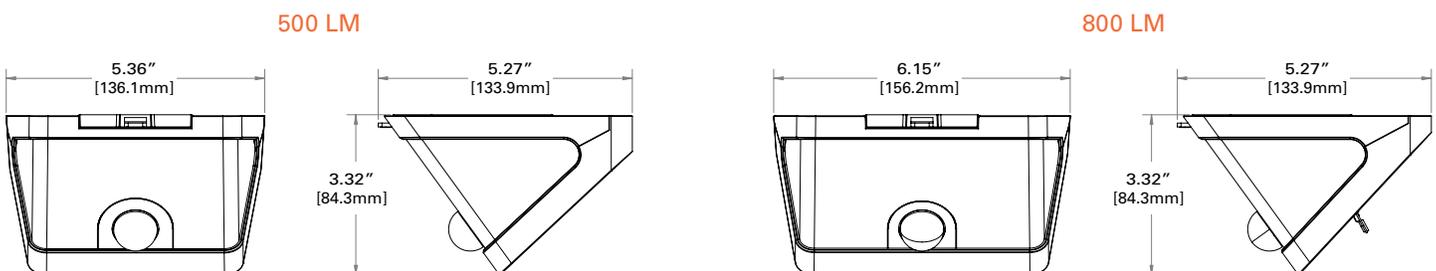
Interactive Menu

- Order Information page 2
- Product Warranty page 2
- Photometric Data page 3

Top Product Features

- 4000K Cool White maintenance free LED's with 50,000 hours life
- Motion sensor automatically turns lights on when motion is detected
- Perfect for wall mount applications such as Garage/Driveways, Fences, Decks, Doorways and Yards
- Corrosion resistant durable polycarbonate construction
- Dual light levels - Light comes on at full brightness and reduces to half if no motion is detected
- 3 Adjustable Time Out settings - 30s, 60s, & 90s
- Frosted lens provides smooth diffuse glare free light
- 1-year warranty

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **SWL0540B/ SWL0840W**

Series	Lumens	Type	Finish
SWL=Solar Wedge Light	05=500 Lumens (Nominal) 08=800 Lumens (Nominal)	40=4000K	B=Bronze W=White

Product Specifications

Construction

- Durable polycarbonate housing
- suitable for wet locations
- Integrated solar panel
- Suitable for wall Mounting

Optics

- Produces rated lumens when fully charged
- Frosted lens for even light distribution
- 4000K CCT perfect for security applications

Electrical

- 120° Motion sensor with detection range up to 25'
- Integrated rechargeable Li-Ion battery pack
- 70-minute runtime on a full charge
- Built to last with maintenance-free LEDs with 50,000 life hours
- Fixture operating temperature of -20°C to 40°C
- Integral photocell allows for nighttime ON / daytime OFF operation

Compliance

- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11

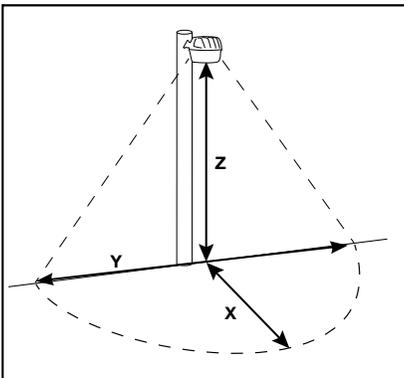
Finish

- Textured Bronze and White Finish

Warranty

- One year limited warranty
- Consult website for details cooperlighting.com/legal

Suggested Mounting Height



Minimum Footcandles (FC)		0.50 FC			
Mounting Height (Z)		10'		15'	
Catalog Number	Lumens	X	Y	X	Y
SWL0540B	500	8.3'	16.9'	5.2'	12.9'
SWL0540W	500	8.3'	16.9'	5.2'	12.9'
SWL0840B	800	10.2'	21.6	8.4'	19.7'
SWL0840W	800	10.2'	21.6	8.4'	19.7'

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

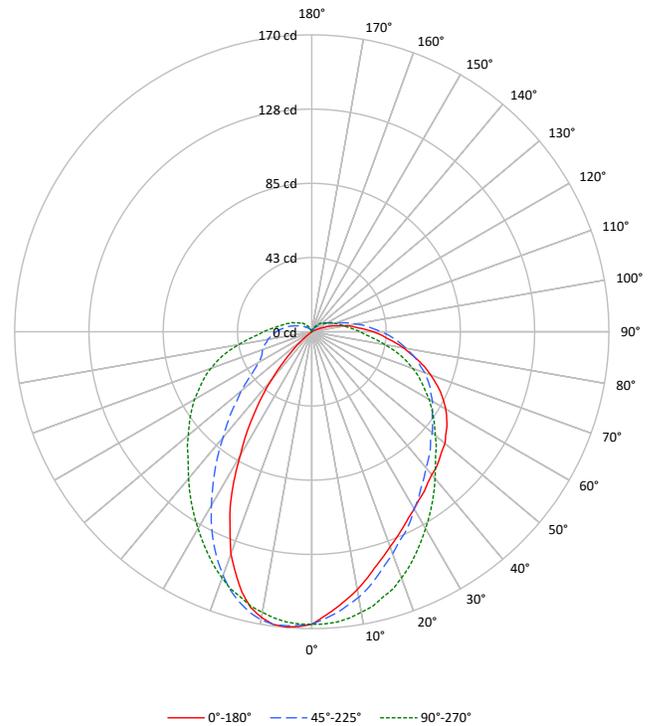
Photometric Data

Series	Voltage (V)	Delivered Lumens	Equivalency	Runtime	CCT	CRI	Controls
SWL0540B	SOLAR	500	30W	70 MINS	4000K	80	120° MOTION SENSOR
SWL0540W	SOLAR	500	30W	70 MINS	4000K	80	120° MOTION SENSOR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	3.1
10°-20°	42.8	8.6
20°-30°	59.3	11.9
30°-40°	64.3	12.9
40°-50°	62.5	12.5
50°-60°	58.9	11.8
60°-70°	54.8	11.0
70°-80°	47.2	9.4
80°-90°	36.2	7.2
90°-100°	24.7	4.9
100°-110°	15.2	3.0
110°-120°	8.7	1.7
120°-130°	5.1	1.0
130°-140°	2.9	0.6
140°-150°	1.4	0.3
150°-160°	0.5	0.1
160°-170°	0.1	0.0
170°-180°	0.0	0.0
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0°-30°	117.8	23.6
0°-40°	182.1	36.4
0°-60°	303.4	60.7
0°-90°	441.6	88.3
90°-120°	48.6	9.7
90°-150°	57.9	11.6
90°-180°	58.0	11.6
0°-180°	500.0	100.0

Luminous Intensity Polar Plot



Photometric Data

Series	Voltage (V)	Delivered Lumens	Equivalency	Runtime	CCT	CRI	Controls
SWL0840B	SOLAR	800	70W	70 MINS	4000K	80	120° MOTION SENSOR
SWL0840W	SOLAR	800	70W	70 MINS	4000K	80	120° MOTION SENSOR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.7	2.8
10°-20°	61.9	7.7
20°-30°	86.1	10.8
30°-40°	95.8	12.0
40°-50°	97.3	12.2
50°-60°	95.6	12.0
60°-70°	91.2	11.4
70°-80°	79.6	9.9
80°-90°	62.4	7.8
90°-100°	44.1	5.5
100°-110°	28.1	3.5
110°-120°	16.5	2.1
120°-130°	9.6	1.2
130°-140°	5.4	0.7
140°-150°	2.6	0.3
150°-160°	0.9	0.1
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	170.7	21.3
0°-40°	266.5	33.3
0°-60°	459.4	57.4
0°-90°	692.6	86.6
90°-120°	88.8	11.1
90°-150°	106.3	13.3
90°-180°	107.0	13.4
0°-180°	800.0	100.0

Luminous Intensity Polar Plot

