

ALL-IN-ONE PRO Solar Flood Light with Camera



FEATURES

- All-in-One Design eliminates need for additional hardware
- Brushed Aluminum finish
- Wide lighting distribution
- 5MP Camera Built-in for Additional Security
- Multiple Mounting Options
- Intelligent solar charge control
- Charge Duration Eight (8) Hours
- Fifteen (15) Hour Output Duration
- IP66 rated

APPLICATIONS

- Walkway
- Perimeter
- Area Lighting
- Security

CONSTRUCTION

The All-in-One Pro Solar Flood Light is made with an Aluminum Alloy housing with a Brushed Aluminum finish. Paired with a Lithium Iron Phosphate Battery, an integrated Solar Panel, and a wall mount plate, this unit is installation ready out of the box.

WARRANTY

- Limited Three (3) and Five (5) Year Warranty standard

Three year warranty on the Battery

Five year warranty on the Lighting Unit

For more information regarding the limited warranty please contact the factory at (844) 202-5606 or email Customer Service at LEDCustService@dascom.com.

ORDERING GUIDE

SERIES	WATTAGE	BEAM ANGLE	CRI	CCT	FINISH	VOLTAGE	MOUNTING
SR-2	010P 10W	W 80 DEGREE	7 ≥70	30 3000K 40 4000K 50 5000K	ALM ALUMINUM	L 12-24V DC	WMP WALL MOUNT PLATE RND ROUND POLE MOUNT SQR SQUARE POLE MOUNT

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SPECIFICATIONS

LED SPECIFICATION			3000K		4000K		5000K		EPA*	BUG	WEIGHT (lbs.)
MODEL	WATTS	OPTIC	LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY			
SR-2010P	10	W	1,450	145 lm/W	1,470	147 lm/W	1,500	150 lm/W	2.43 ft²	B3-U1-G1	11.04

* EPA Ratings listed assume fixture is mounted horizontally. EPA rating will vary based on mounting angle.

PANEL SPECIFICATION	
SOLAR PANEL RATED POWER (W)	22
NUMBER of SOLAR PANELS	1
MAXIMUM POWER VOLTAGE (Vmp V)	6.8
MAXIMUM POWER CURRENT (Imp I)	3.23
SHORT-CIRCUIT CURRENT (Voc)	8.16
SHORT-CIRCUIT CURRENT (Isc)	3.48
SYSTEM VOLTAGE (V)	1000
TOLERANCE	+/- 3%
NUMBER OF SOLAR CELLS	16
DIMENSIONS (INCHES)	19.25 x 15.15 x 1.41

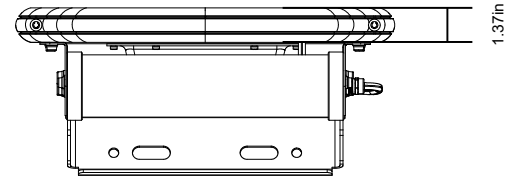
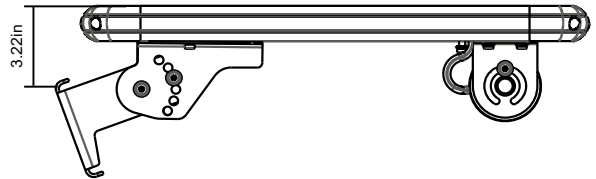
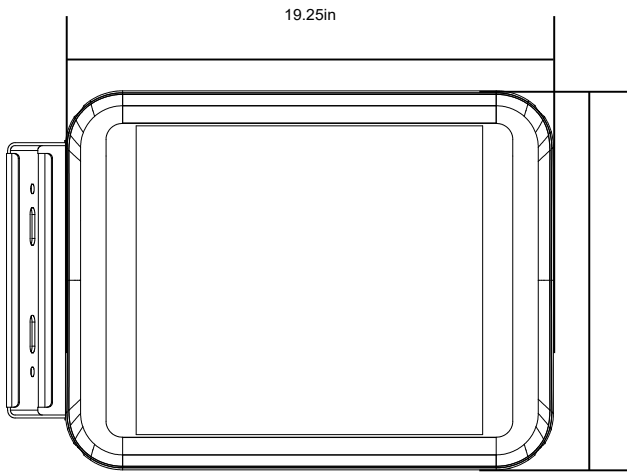
BATTERY SPECIFICATION	
BATTERY TYPE	Lithium Iron Phosphate
NOMINAL CAPACITY (AH)	37.5
BATTERY LIFE	Three (3) Years
CYCLE LIFE	> 80% @ 25°C @ 2000
NOMINAL VOLTAGE (V)	3.7
STANDARD DISCHARGE CURRENT (A)	10
DISCHARGE CUT-OFF VOLTAGE (V)	2.7
MAX CHARGE VOLTAGE (V)	4.2
OVERDISCHARGE DETECTION VOLTAGE (V)	2.7
OVERDISCHARGE DETECTION CURRENT (A)	12-24

CAMERA SPECIFICATION	
VIDEO OUTPUT	5MP
PIXEL	500W
RESOLUTION	2560x1920
IMAGE ADJUSTMENT	Brightness/Contrast/Saturation
CHIP MODEL	T31X
FRAMES PER SECOND	20
NIGHT RANGE	Up to 10 meters
VIEW ANGLE	3.6/80°
WI-FI RANGE	Up to 30 meters if no obstacle
SYSTEM	Phone/Tablet Application

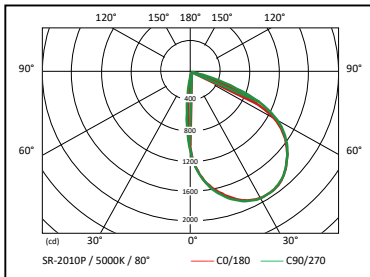
SPECIFICATION	VALUE	
PERFORMANCE	Power Consumption (W)	10
	Lumens Delivered (lm)	1500
	Efficacy (lm/W)	150
	CRI	≥70
	Color Temperature (K)	3000 / 4000 / 5000
	Full Charge Duration (hr)	8
	Lighting Output Duration (hr)	15
OPTICS	Input Voltage	6-24V
	Dimming	Non-dimmable
	Photocell Sensor	Yes, integrated in Solar Panel
	Motion Sensor	No
OPTICS	Beam Angle	80
	Glare Shield	No
INSTALLATION	Standard Mount	Wall Mount Base Plate
	Optional Mount	Round or Square Pole Mount
	Tilt	180°+ Vertically
CERTIFICATIONS	IP	66
	Environment	Outdoor / Wet
	Charging Operating Temp.	0°C ~ +60°C / 32°F ~ +140°F
	Discharging Operating Temp.	-30°C ~ +70°C / -22°F ~ +158°F
	Warranty	Battery: 3 year Lighting Unit: 5 year

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DIMENSIONAL DRAWINGS



PHOTOMETRICS



SR-2010P / 5000K / 80°		
1	1141	115
2	285	229
3	127	344
4	71	459
5	46	573
H (m)	E (lx)	D (cm)

MOUNTING

WMP - WALL MOUNT PLATE

Wall Mount to install unit to any wall.



RND - ROUND POLE MOUNT

Bracket adapter to mount unit to any round pole.



SQR - SQUARE POLE MOUNT

Bracket adapter to mount unit to any square pole.

