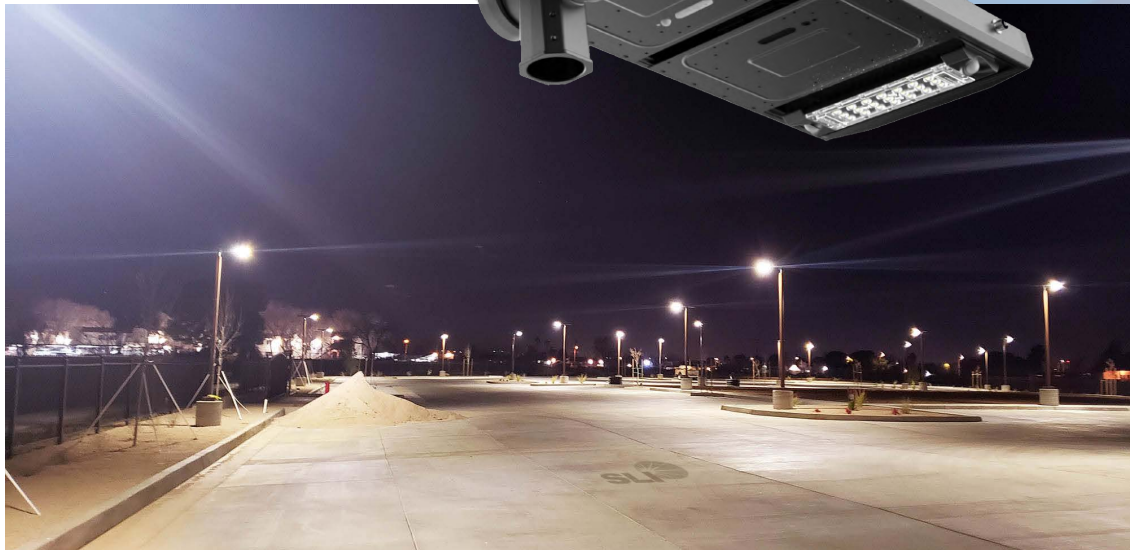


***Solar Lighting International®***

# ***STEALTH 120-21***

## ***LED SOLAR STREET LIGHT***



Product Name	SLI Stealth LED Solar Street Light
Specification	SLI-120-21-STEALTH
Date	07-2020
Version	REV 1.0

***Solar Lighting International®***

# ***STEALTH 120-21***

## ***LED SOLAR STREET LIGHT***

### **Features & Advantages**

- Replaceable Parts - **Replaceable Battery | Replaceable Light Bar**
- Unique Patented Design
- Patented smart working modes for longer lighting time
- Remote control add-on makes changing the work modes effortless
- Professional light distribution optical lens for a wide lighting area
- High Quality Mono-crystalline Solar Panel
- LED light bars are adjustable to 40°
- Wide angle detection enables body movement in a larger area and a longer distance

### **Product Image**

**Single  
Head**



**Dual  
Head**



**STEALTH 120W-21**

**STEALTH 120W-21 80\*40**

# ***STEALTH 120-21***

## ***LED SOLAR STREET LIGHT***

### **Specifications**

Product Model	STEALTH 40W-21	STEALTH 80W-21	STEALTH 120W-21
Power	40W	80W	120W
Lumen/LED Type	6,400 Lumens (Phillips 5050)	12,800 Lumens (Phillips 5050)	19,200 Lumens (Phillips 5050)
Color Temperature	4700K +/- 300	4700K +/- 300	4700K +/- 300
Battery	LiFePO <sub>4</sub> AH,11.1V/244.2Wh	LiFePO <sub>4</sub> 32AH,14.8V/473.6Wh	LiFePO <sub>4</sub> 36AH,25.6V/921.6Wh
Solar Panel	Mono-crystalline   32 Watt	Mono-crystalline   55 Watt	Mono-crystalline   82 Watt
Dimensions(mm)	711.0*386.2*244.0	1178.0*386.2*244.0	1616.0*386.2*244.0
Working Time	Up to 12 Hrs if fully charged, Alternate working modes and working times, ranges from 3 - 6 nights.		
Charging Time	Requires 6 hours of direct sunlight at optimal angle. Optimal direction is magnetic south and the optimal angle equals the latitude of the installation. Performance is reduced if product is installed different than the optimal angle.		
Beam Angle	140x78° - Type III or Bat-Wing Style Light Distribution		
PIR Sensor	2 PIR Sensors   Detection angle: 150°   Detection distance:15 Meters / 50 Feet		
IP Class	IP65		
Working Temp	-10°F - 140°F / -23C° - 60C°		
Housing Material	Powder Coated Aluminum		
Installation Height	10' - 15' or 3-5m	15' - 25' or 5 - 8m	15' - 25' or 5 - 8m
Installation Spacing	32' - 50' or 10-15m	50' - 82' or 15 - 25m	80' - 130' or 25 - 40m
Warranty	5 years		

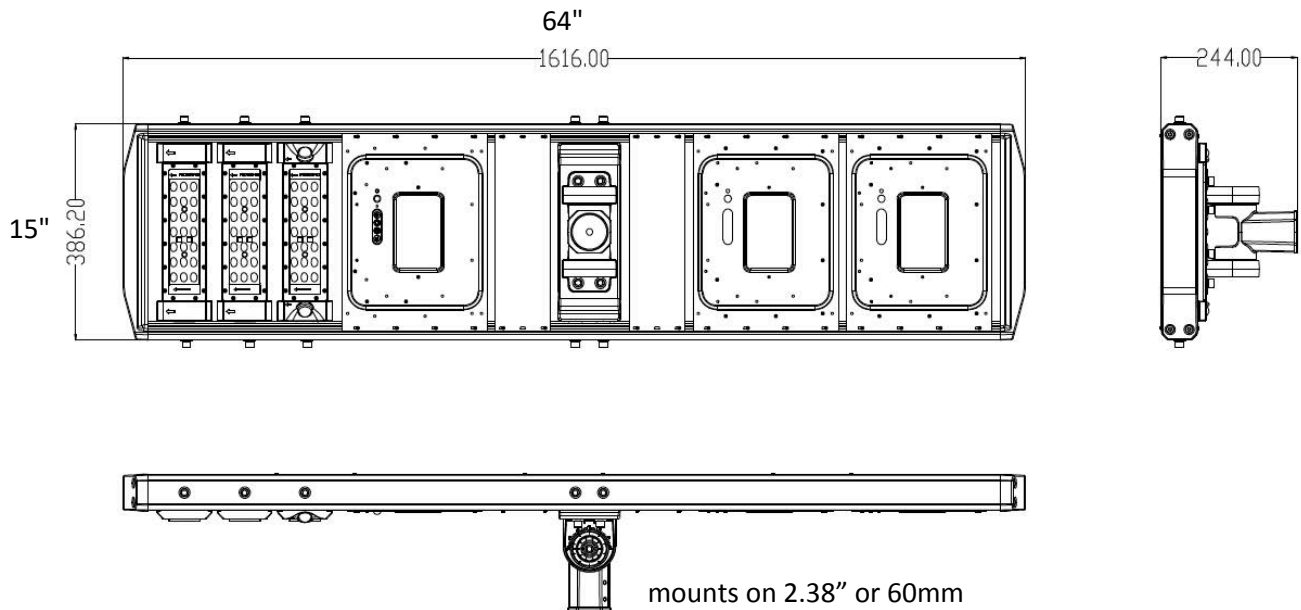
**Solar Lighting International®**

# ***STEALTH 120-21***

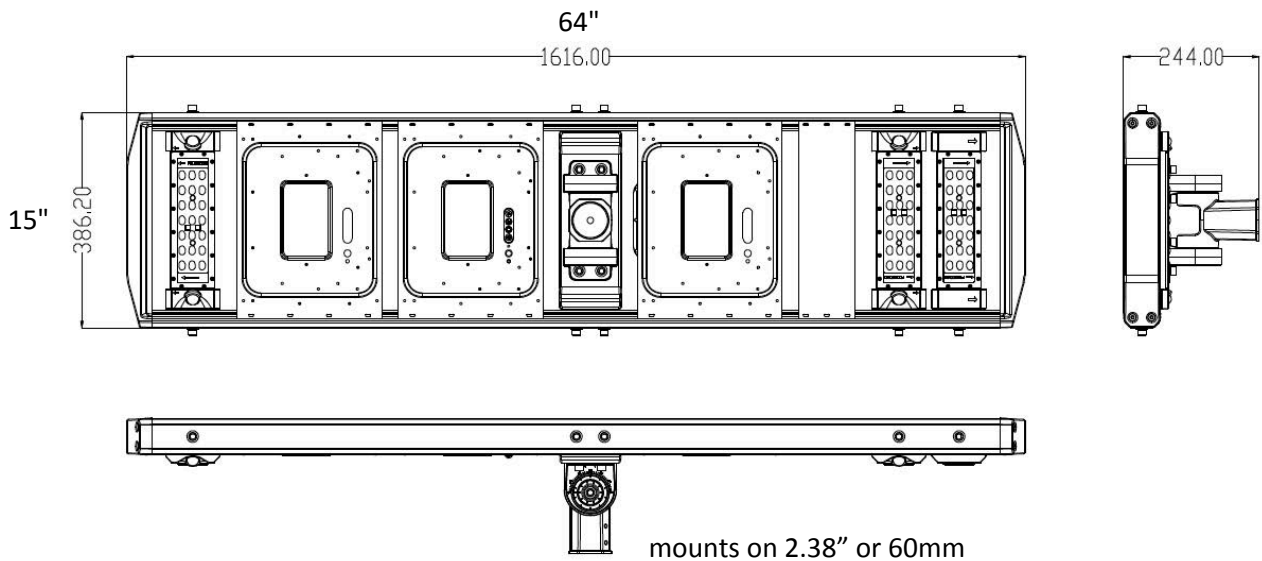
## ***LED SOLAR STREET LIGHT***

### **Product Dimensions**

**120W-21**



**120W-21 80\*40**



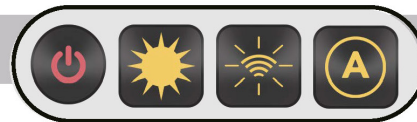



**Solar Lighting International®**

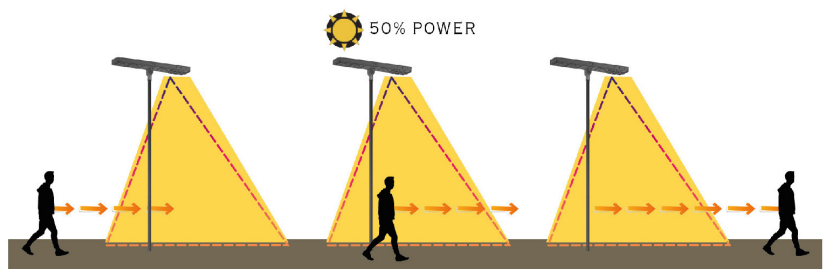
# **STEALTH 120-21**


## **LED SOLAR STREET LIGHT**

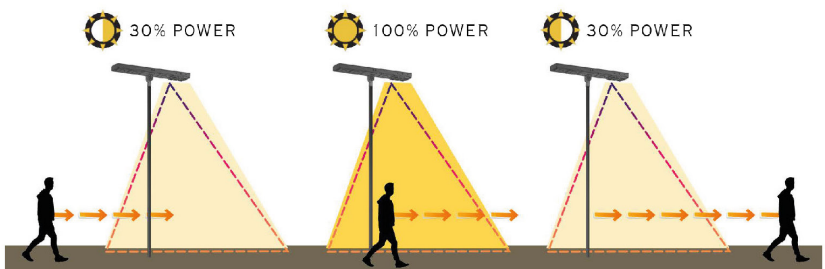
 **Power Button**




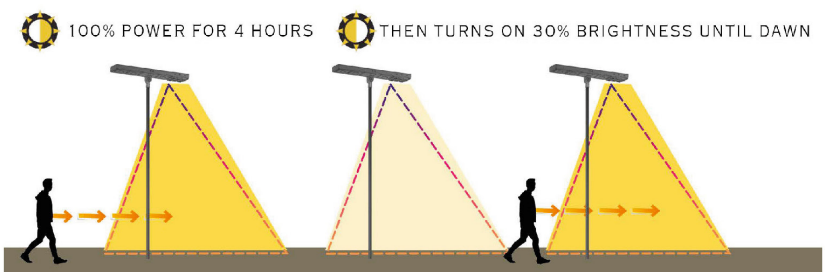
 **Constant Lighting Mode**  
Automatically operates at 50% brightness from dusk to dawn or until power is off.



 **Sensor Mode**  
Automatically operates at 30% brightness. When motion is detected, light increases to 100% until no motion is detected for 30 seconds, then returns to 30% brightness. Detection up to 50 feet.



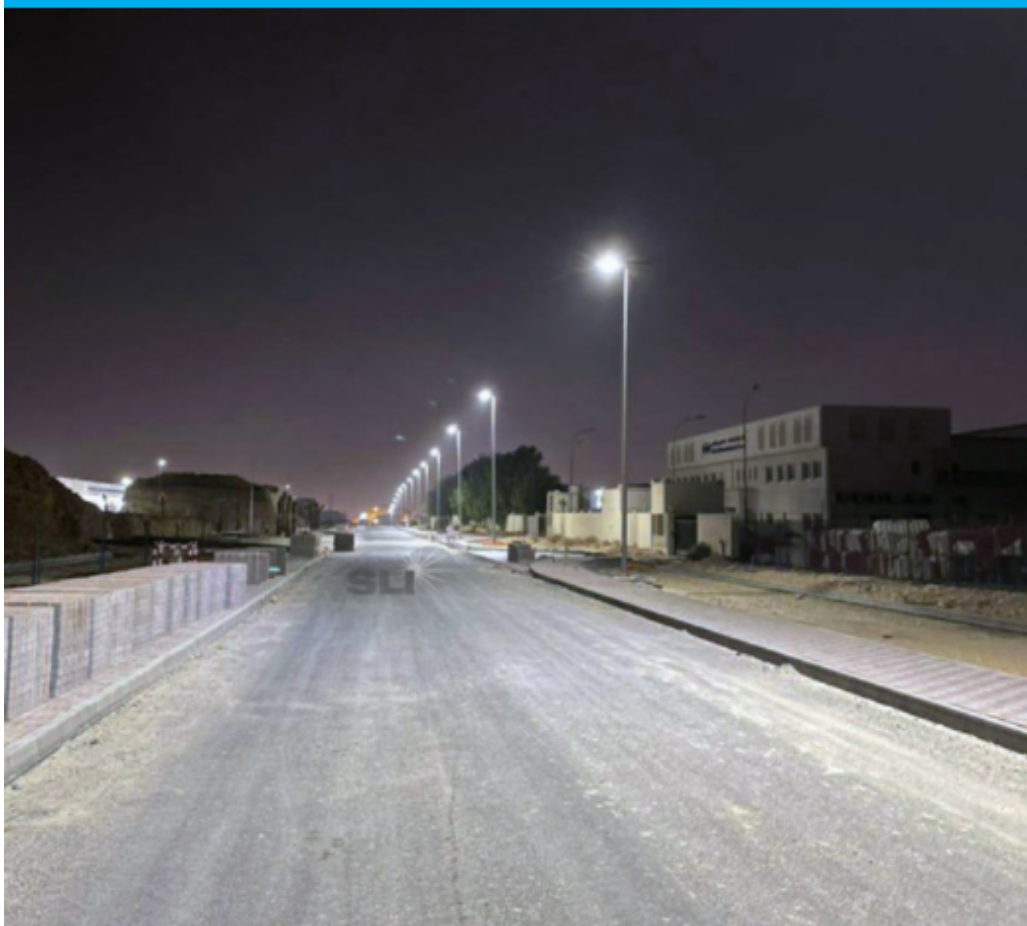
 **Customized Working Mode**  
Automatically turns on at dusk and remains at up to 100% brightness for 4 hours, then it automatically turns to 30% brightness until dawn.



Phone +1 803 233 3461 | [www.solarlightingintl.com](http://www.solarlightingintl.com)

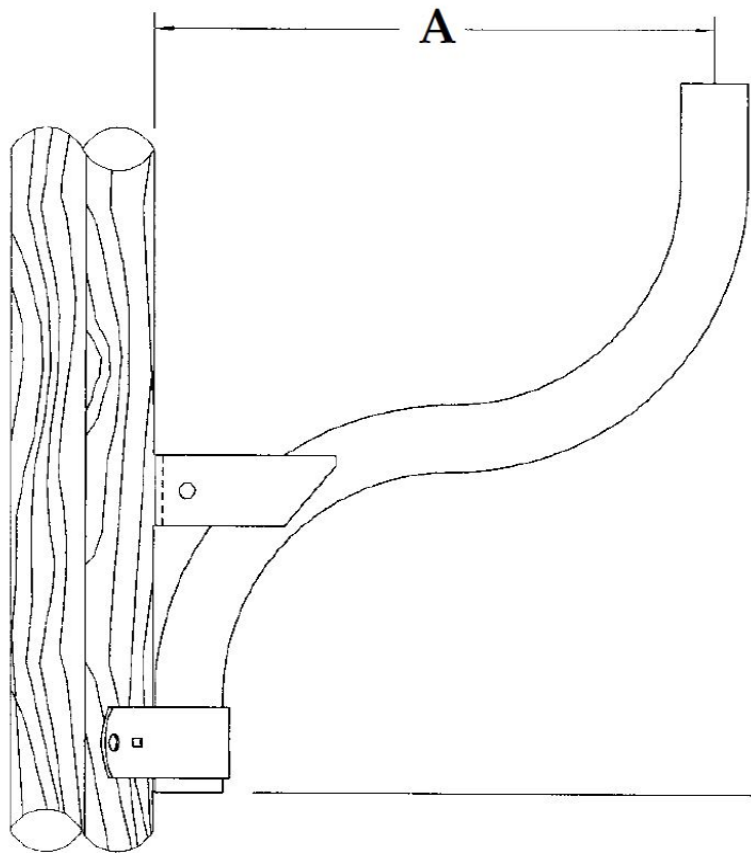
*The Name Solar Lighting International® is a Registered Trademark.*





# SINGLE FLOODLIGHT BRACKET

## WOOD POLE MOUNTING



### STEEL

#### CATALOG NO.

#### PIPE SIZE

◆ SF-18G	2"
◆ SF-07P	2"
◆ SF-07G	2"

#### WT/LBS

15
11
12

## Product Part# Poles: 40' Class 3

40' class 3 CCA treated utility pole manufactured to ANSI 05.1 specifications 24.5 Cubic ft

### Class Chart for Douglas Fir and Yellow Southern Pine Poles

Click here for:

[Full ANSI Class Chart](#) [Pole Wind Load](#)

Class	1	2	3	4	5	6	7	9	10	
Minimum Circumference at Top (inches)	27	25	23	21	19	17	15	15	12	
Length of Pole (feet)	Groundline distance from Butt (feet)	Minimum Circumference 6 feet from Butt (inches)								
20	4.0	31.0	29.0	27.0	25.0	23.0	21.0	19.5	17.5	14.0
25	5.0	33.5	31.5	29.5	27.5	25.5	23.0	21.5	19.5	15.0
30	5.5	36.5	34.0	32.0	29.5	27.5	25.0	23.5	20.5	
35	6.0	39.0	36.5	34.0	31.5	29.0	27.0	25.0		
40	6.0	41.0	38.5	36.0	33.5	31.0	28.5			
45	6.5	43.0	40.5	37.5	35.0	32.5	30.0			
50	7.0	45.0	42.0	39.0	36.5	34.0				



ANSI 05.1-2002 Dimension Table For Southern Pine and Douglas-fir Poles

		Top of Pole Minimum Dimensions (inches)													
Class		H-6	H-5	H-4	H-3	H-2	H-1	1	2	3	4	5	6	7	8
Minimum Circumference at Top		39	37	35	33	31	29	27	25	23	21	19	17	15	13
Length of Pole (feet)	Groundline* Distance from Butt(Ft)	Minimum Circumference at 6 feet from Butt (inches)													
20	4	—	—	—	—	—	—	31.0	29.0	27.0	25.0	23.0	21.0	19.5	17.5
25	5	—	—	—	—	—	—	33.5	31.5	29.5	27.5	25.5	23.0	21.5	19.5
30	5.5	—	—	—	—	—	—	36.5	34.0	32.0	29.5	27.5	25.0	23.5	20.5
35	6	—	—	—	—	43.5	41.5	39.0	36.5	34.0	31.5	29.0	27.0	25.0	—
40	6	—	—	51.0	48.5	46.0	43.5	41.0	38.5	36.0	33.5	31.0	28.5	—	—
45	6.5	58.5	56.0	53.5	51.0	48.5	45.5	43.0	40.5	37.5	35.0	32.5	30.0	—	—
50	7	61.0	58.5	55.5	53.0	50.5	47.5	45.0	42.0	39.0	36.5	34.0	—	—	—
55	7.5	63.5	60.5	58.0	55.0	52.0	49.5	46.5	43.5	40.5	38.0	—	—	—	—
60	8	65.5	62.5	59.5	57.0	54.0	51.0	48.0	45.0	42.0	39.0	—	—	—	—
65	8.5	67.5	64.5	61.5	58.5	55.5	52.5	49.5	46.5	43.5	40.5	—	—	—	—
70	9	69.0	66.5	63.5	60.5	57.0	54.0	51.0	48.0	45.0	41.5	—	—	—	—
75	9.5	71.0	68.0	65.0	62.0	59.0	55.5	52.5	49.0	46.0	—	—	—	—	—
80	10	72.5	69.5	66.5	63.5	60.0	57.0	54.0	50.5	47.0	—	—	—	—	—
85	10.5	74.5	71.5	68.0	65.0	61.5	58.5	55.0	51.5	48.0	—	—	—	—	—
90	11	76.0	73.0	69.5	66.5	63.0	59.5	56.0	53.0	49.0	—	—	—	—	—
95	11	77.5	74.5	71.5	67.5	64.5	61.0	57.0	54.0	—	—	—	—	—	—
100	11	79.0	76.0	72.5	69.0	65.5	62.0	58.5	55.0	—	—	—	—	—	—
105	12	80.5	77.0	74.0	70.5	67.0	63.0	59.5	56.0	—	—	—	—	—	—
110	12	82.0	78.5	75.0	71.5	68.0	64.5	60.5	57.0	—	—	—	—	—	—
115	12	83.5	80.0	76.5	72.5	69.0	65.5	61.5	58.0	—	—	—	—	—	—
120	12	85.0	81.0	77.5	74.0	70.0	66.5	62.5	59.0	—	—	—	—	—	—
125	12	86.0	82.5	78.5	75.0	71.0	67.5	63.5	59.5	—	—	—	—	—	—

\* The figures in this column are intended for use only when a definition of groundline is necessary in order to apply requirements relating to scars, straightness, etc.